ORDER / CASE NO: CASE NO. 4-2012

ORDER / NOTICE OF RECOMMENDATION TYPE: UNITIZATION

COUNTY: HARDING

LOCATION(S): <u>T. 23N., R. 5E.,</u> SE1/4 SEC. 28, E1/2 SEC. 32, ALL OF SEC. 33

> <u>T. 22N., R. 5E.,</u> N1/2 SEC. 4, ALL OF SEC. 5, E1/2 SW1/4 SEC. 6, N1/2 SEC. 7, NW1/4 SEC. 8

OPERATOR: LUFF EXPLORATION COMPANY

DATE ORDER ISSUED: 06/14/2012

DATE ORDER CLOSED:

AMENDS: ORDER NOS. 1-1973, 2-1973A, 3-1973B, 19-1997, 4-1999, 4-2000, 5-2004, 2-2005, 2-2007, 3-2011

AMENDED BY:

APPROVAL STATUS: APPROVED

FIELD NAME: TRAVERS RANCH FIELD STATE LINE FIELD YELLOW HAIR FIELD

UNIT NAME: TRAVERS RANCH RED RIVER UNIT

STATE OF SOUTH DAKOTA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT

IN THE MATTER OF THE PETITION OF) LUFF EXPLORATION COMPANY FOR AN) ORDER APPROVING THE OPERATION OF) A PORTION OF THE TRAVERS RANCH) FIELD, THE STATE LINE FIELD, AND THE) YELLOW HAIR FIELD, CONSISTING OF) THE SE/4 OF SECTION 28, THE E/2 OF) SECTION 32 AND ALL OF SECTION 33,) TOWNSHIP 23 NORTH, RANGE 5 EAST,) AND THE N/2 OF SECTION 4, ALL OF) SECTION 5, THE E/2 AND SW/4 OF) SECTION 6, THE N/2 OF SECTION 7 AND) THE NW/4 OF SECTION 8, TOWNSHIP 22 NORTH, RANGE 5 EAST, HARDING) COUNTY, SOUTH DAKOTA, AS THE) TRAVERS RANCH RED RIVER UNIT:) PROVIDING FOR THE RECOVERY OF RISK) COMPENSATION FROM OWNERS WHO) ELECT TO HAVE THEIR SHARE OF UNIT) EXPENSES CARRIED; AMENDING) EXISTING ORDERS TO INCLUDE ALL OF) SAID LANDS IN THE TRAVERS RANCH) FIELD; **APPROVING** THE UNIT) AND UNIT OPERATING AGREEMENT AGREEMENT FOR THE UNIT;) LUFF EXPLORATION DESIGNATING COMPANY AS UNIT OPERATOR; AND) GRANTING SUCH OTHER RELIEF AS THE) BOARD DEEMS APPROPRIATE.)

Case No. 4-2012

FINDINGS OF FACT, CONCLUSIONS OF LAW AND ORDER

The South Dakota Board of Minerals and Environment ("Board") held a hearing in Pierre, South Dakota pursuant to notice on June 14, 2012, upon the Petition of Luff Exploration Company ("Luff") in the captioned matter. A quorum of the Board was present at the hearing. The Board, having considered the testimony, other evidence and arguments offered by Luff, and having afforded other interested parties the opportunity to present evidence and arguments, now makes and enters the following:

FINDINGS OF FACT

1. By Amended Petition dated April 13, 2012, Luff petitioned the Board for an order approving the operation of a portion of the Travers Ranch, State Line and Yellow Hair Fields as the Travers Ranch Red River Unit (the "Unit"), approving the Unit Agreement and Unit Operating Agreement for the unit, and designating Luff as unit operator.

2. On April 20, 2012, the Board issued its Notice of Hearing setting the matter for hearing on June 14, 2012, and requiring any person wishing to intervene to file a petition for intervention. No person or entity has sought leave to intervene in this matter.

3. The Department caused proper notice of the time, date and location of the rescheduled hearing to be timely published pursuant to SDCL 45-9-58. Luff gave proper and timely notice of the time, date and location of the hearing to all persons and entities who own interests in the mineral estate within the Unit as well as within one-half mile around the boundary of the Unit.

4. Luff proposes that the Unit consist of the following described lands (the "Unit Area") in Harding County, South Dakota:

Township 23 North, Range 5 East Section 28: SE/4Section 32: E/2Section 33: All Township 22 North, Range 5 East Section 4: N/2Section 5: All Section 6: E/2, SW/4 Section 7: N/2Section 8: **NW/4**

5. Said lands are included within either the Travers Ranch field, the State Line field, or the Yellow Hair field. Luff has drilled one vertical and five horizontal oil and gas wells in the Red River "B" formation on these lands. Luff has also drilled two wells which were completed

in and produced from the Red River "D" formation on these lands.

6. Geologic mapping as well as the production history from the six wells drilled in the Red River "B" pool within the proposed Unit Area indicates that the Red River "B" formation underlying the Unit area is part of a single common source of supply. The stratigraphic interval which Luff proposes to include in the Unit is the interval from the top of the Gunton member of the Stony Mountain Formation, found at a depth of 8,730 feet below the Kelly Bushing as identified by the Schlumberger Platform Express Compensated Neutron – 3 Detector Litho - Density log run in the vertical portion of the Janvrin I-32H well located in the NE/4SE/4 of Section 32, Township 23 North, Range 5 East, Harding County, South Dakota and to include all principal zones down to the Red River "C" zone marker, found at a depth of 8,938 feet below the Kelly Bushing as identified by the same log.

7. Through April 30, 2012, the six wells described above have produced approximately 619,427 barrels of oil from the Red River "B" formation. Luff estimates that these wells will recover approximately 333,200 additional barrels of oil from the Red River "B" formation under primary recovery operations.

8. Luff proposes to implement a water flood in the Red River "B" formation underlying the Unit. Luff's present plans are to drill two additional horizontal wells, each with multiple laterals, and utilize those new wells, together with one of the existing horizontal wells, as water injection wells. The other five existing wells would be used as producing wells.

9. Luff conducted reservoir modeling studies which indicate that such a waterflood would likely recover approximately 511,000 barrels of oil that otherwise would likely not be recovered.

10. Luff estimates that the additional capital costs to implement such a waterflood would be approximately \$9,300,000. The present value of the anticipated additional 511,000 barrels of oil is greater than the estimated costs of implementing the waterflood.

11. Luff proposes to divide the Unit into six separate tracts, with two subtracts in one of the tracts. Within those tracts Luff proposes to allocate expenses and production based on a two-phase formula, with Phase I being based 48% on Current Oil Production Rate, defined as a six-month average ending April 30, 2012 except that a three-month average ending the same date is recommended for the Janvrin 0-33H well, 48% on Remaining Primary Oil Reserves – Primary Recovery (effective May 1, 2012), and 4% on Surface Acres, and Phase II being based 68% on Estimated Ultimate Recovery – Primary, 28% on Movable Red River "B" Zone Oil in Place, and 4% on Surface Acres. Conversion to Phase II would occur when 333,200 additional barrels of oil are recovered from and after May 1, 2012.

12. Unitization of the proposed Unit area and the unitized management, operation and further development thereof as a Unit, all as set forth in the application and the Unit Agreement and Unit Operating Agreement and other exhibits and testimony presented by Luff will prevent waste, will equitably distribute the oil and gas among the various owners of the enlarged Unit Area, will result in the recovery of substantially more oil and gas than otherwise will be recovered, and will protect the correlative rights of the several owners.

13. The unitized management, operation and further development of the Red River "B" formation in the Unit is reasonably necessary to increase substantially the ultimate recovery of oil and gas.

14. Amending the existing orders for the Travers Ranch field (including without limitation Order Nos. 3-73b, 4-99, 4-2000, and 2-2005), the State Line field (including without

limitation Order Nos. 1-73, 5-2004, and 3-2011), and the Yellow Hair field (including without limitation Order Nos. 2-73A, 19-97, and 2-2007) so as to include all of the Unit Area within the Travers Ranch field will facilitate the reporting of production and unit operations and result in more efficient operation of the Unit and easier monitoring of the results of unitization.

15. The area included within the Unit is less than the entire pool or common source of supply, but the area is of such size and shape as is reasonably required for the unit operations and the conduct of such operations will have no adverse effect upon other portions of the pool.

16. The Unit Agreement and Unit Operating Agreement are fair, reasonable, just and equitable, address the matters set forth in SDCL 45-9-39, and contain all the terms, provisions, conditions and requirements reasonably necessary and proper to protect and safeguard the respective rights and obligations of the several persons affected and will effectuate and accomplish the purposes of Chapter 45-9 of the South Dakota Compiled Laws. The Unit Agreement and Unit Operating Agreement provide for the efficient unitized management and control of the further development and operation of the Unit for the recovery of oil and gas from the Red River formation.

17. The allocation of production and expenses in accordance with the allocation formula set forth in the Unit Agreement is fair and equitable and is such as will reasonably permit persons otherwise entitled to share in or benefit by the production from the separately-owned tracts to receive, in lieu thereof, their fair, equitable and reasonable share of Unit production or other benefits thereof.

18. Applicant as Unit Operator and others who elect to participate in the risk and cost of conducting unit operations are entitled to compensation for the risk and expense of conducting unit operations from any working interest owners or unleased owners who elect to have their

share of unit expenses carried or otherwise financed. The risk compensation provided by the Unit Operating Agreement is in accord with ARSD 74:12:10:04 through 74:12:10:06.

19. The plan for unit operations consisting of the Unit Agreement and the Unit Operating Agreement has been approved in writing by those persons who will, under this order, be required to pay at least sixty percent of the cost of the unit operation and by the owners of at least sixty percent of the production or proceeds thereof that will be credited to interests which are free of cost. Original or copies of ratifications evidencing the same were presented to the Board at the hearing.

CONCLUSIONS OF LAW

The Board has authority to hear and decide this matter pursuant to SDCL Chapter
 45-9 and ARSD Chapter 74:12:06.

2. All notices of the petition and the hearing thereon were properly and timely given.

3. The petition is complete in all respects and contains all required and requested information.

4. Luff is an "interested person" within the meaning of SDCL 45-9-37.

5. The Board has jurisdiction pursuant to SDCL 45-9-37 et seq. to issue orders approving the operation of a pool, or part thereof, as a unit.

6. The operation of the Unit in accordance with the Unit Agreement and the Unit Operating Agreement is reasonably necessary in order to increase substantially the ultimate recovery of oil or gas and the value of the estimated additional recovery of oil or gas exceeds the estimated additional cost incident to conduct such operations.

7. The Unit Agreement and the Unit Operating Agreement contain terms and conditions that are just and reasonable and prescribe a plan for unit operations including those matters set forth in SDCL 45-9-39.

8. The Unit Agreement and the Unit Operating Agreement have been ratified or approved in writing by those persons who will be required to pay at least sixty percent of the cost of the unit operations under the plan of unit operations and by the owners of at least sixty percent of the production or proceeds thereof that will be credited to interests which are free of cost, such as royalties and production payments.

9. The allocation formula set forth in the Unit Agreement is just and reasonable.

10. The unit area included in the Unit Agreement is of such size and shape as may be reasonably required for the conduct of the contemplated unit operations and the conduct thereof will have no adverse effect upon any other portions of the pool.

ORDER

Based upon the foregoing Findings of Fact and Conclusions of Law, the Board does hereby order:

1. That the Petition of Luff to approve the operation of the lands described above as a unit is granted and approved.

2. The Unit Agreement and the Unit Operating Agreement as presented to the Board at the hearing on June 14, 2012 are hereby approved and adopted as the plan for unit operations for the Unit.

3. The Unit is hereby created, authorized and approved effective as of 7:00 a.m. on July 1, 2012.

4. Luff Exploration Company is designated as the initial operator of the Unit.

5. Prior spacing orders of the Board for the Travers Ranch field (including without limitation Order Nos. 3-73b, 4-99, 4-2000, and 2-2005), the State Line field (including without limitation Order Nos. 1-73, 5-2004, and 3-2011), and the Yellow Hair field (including without limitation Order Nos. 2-73A, 19-97, and 2-2007) are hereby amended to include the Unit Areas within the Travers Ranch field and to authorize operation of the Unit in accordance with this order, the Unit Agreement and the Unit Operating Agreement. Luff is hereby authorized as Unit Operator to drill horizontal or vertical wells at any location within the Unit subject only to a setback requirement that any vertical well or the horizontal component of any horizontal well open to the Unitized Formation be no closer than five hundred (500) feet to the boundary line of the Unit.

6. Before the commencement of any water injection into the Unitized Formation, Luff as Unit Operator shall make application for underground injection in accordance with the statutes and regulations of the State of South Dakota, including but not limited to ARSD Chapter 74-12-07, and obtain all necessary approvals.

7. The Unit Agreement and the Unit Operating Agreement as approved hereby shall govern operations for the Unit in all respects.

Dated at Pierre, South Dakota this 14th day of June, 2012.

SOUTH DAKOTA BOARD OF MINERALS AND ENVIRONMENT By Timothy R. Johns Its Hearing Chairman

STATE OF SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT

IN THE MATTER OF THE PETITION OF LUFF EXPLORATION COMPANY FOR) AN ORDER APPROVING THE) OPERATION OF A PORTION OF THE) TRAVERS RANCH FIELD, THE STATE) LINE FIELD, AND THE YELLOW HAIR) FIELD, CONSISTING OF THE SE/4 OF) SECTION 28, THE E/2 OF SECTION 32) AND ALL OF SECTION 33, TOWNSHIP) 23 NORTH, RANGE 5 EAST, AND THE) N/2 OF SECTION 4, ALL OF SECTION 5,) THE E/2 AND SW/4 OF SECTION 6, THE) N/2 OF SECTION 7 AND THE NW/4 OF) SECTION 8, TOWNSHIP 22 NORTH, RANGE 5 EAST, HARDING COUNTY, SOUTH DAKOTA, AS THE TRAVERS RANCH RED RIVER UNIT: PROVIDING FOR THE RECOVERY OF RISK COMPENSATION FROM OWNERS WHO ELECT TO HAVE THEIR SHARE OF UNIT EXPENSES CARRIED; AMENDING EXISTING ORDERS TO INCLUDE ALL OF SAID LANDS IN THE TRAVERS RANCH FIELD; APPROVING THE UNIT AGREEMENT AND UNIT OPERATING) FOR THE UNIT: AGREEMENT) DESIGNATING LUFF EXPLORATION) COMPANY AS UNIT OPERATOR; AND) GRANTING SUCH OTHER RELIEF AS) THE BOARD DEEMS APPROPRIATE.)

AMENDED PETITION

COMES NOW the petitioner, Luff Exploration Company ("Luff"), and respectfully

alleges as follows:

1. Luff represents the owners of interests in the oil and gas leasehold estate in all or

portions of the following described lands:

Township 23 North, Range 5 EastSection 28:SE/4Section 32:E/2

Section 33: All

Township 22 North, Range 5 EastSection 4:N/2Section 5:AllSection 6:E/2, SW/4Section 7:N/2Section 8:NW/4

Consisting of 3029.62 acres, more or less, in Harding County, South Dakota (the "Unit Area").

2. The Unit Area is included within either the Travers Ranch field, the State Line Field or the Yellow Hair field.

3. The Travers Ranch field was established by Order 3-73b which included Sections 5, 6, 7 and 8 within the field. Order No. 4-99 established 640-acre spacing for the Red River "B" pool underlying Section 5. Order No. 4-2000 established a 640-acre spacing unit consisting of the S/2 of Section 6 and the N/2 of Section 7 with up to two laterals to be drilled at any location not closer than 660 feet to the boundary of the spacing unit and Order No. 2-2005 reduced the setback for one of these laterals to 500 feet.

4. Order No. 1-73 established the State Line Field and included Sections 28, 32 and 33 within the field. Pursuant to Order No. 5-2004, the E/2 of Section 32 and the W/2 of Section 33, Township 23 North, Range 5 East, constitute a 640-acre spacing unit for the Red River "B" pool in the State Line field. Pursuant to Order No. 3-2011. the E/2 of Section 33 and the SE/4 of Section 28 constitute a 480-acre spacing unit for the Red River "B" pool in the State Line field.

5. Order No. 2-73A established 320-acre spacing for the Yellow Hair field. In Order No. 2-83, the field was extended to include Section 4. In Order No. 19-97, spacing was changed to 640-acre spacing for purposes of drilling horizontal wells in some portions of the field. In

Order No. 2-2007, a 320-acre spacing unit consisting of the N/2 of Section 4 was established for the Red River "B" pool.

6. In applicant's opinion, the Red River "B" reservoir underlying all of said lands is part of the same common source of supply.

Within the Unit Area, Luff has drilled a total of 1 vertical and 5 horizontal oil and 7. gas wells in the Red River "B" formation and Luff is the operator of all of the wells included within the Unit Area. The Janvrin 1-32 was drilled as a vertical well and produced from the Red River "B" formation with a spacing unit for the State Line field consisting of the SE/4 of Section 32 and the SW/4 of Section 33. The Janvrin I-32H well was drilled as a horizontal well on a spacing unit for the State Line field consisting of the E/2 of Section 32 and the W/2 of Section 33 and produces from the Red River "B" pool. The Janvrin O-33H well was drilled on a spacing unit for the State Line field consisting of the E/2 of Section 33 and the SE/4 of Section 28. The Laurel Foust F-4H was drilled as a horizontal well on a spacing unit for the Yellow Hair field consisting of the N/2 of Section 4. The Travers N-5H was drilled as a horizontal well for the Travers Ranch field described all of Section 5 and produces from the Red River "B" pool. The Travers 1-6 was drilled as a horizontal well on a spacing unit for the Travers Ranch field consisting of the S/2 of Section 6 and the N/2 of Section 7. Luff has also drilled two wells which have produced from the Red River "D" formation, being the Travers K-5 well in Section 5 and the Travers 1-7A in the N/2 of Section 7, but the Red River "D" formation is not proposed to be included within the unitized formation which is the subject of this petition. The only well included within the State Line, Yellow Hair or Travers Ranch fields which is not operated by Luff is the Fuller Canyon Federal 1-9 well which is operated by Murex Petroleum Corporation, but not proposed to be included within the unit. Murex Petroleum Corporation also owns a nonoperated interest within the Unit Area and will therefore be included within the unit.

8. Through March 31, 2012, these wells have produced approximately 619,655 barrels of oil from the Red River "B" formation. Luff estimates that these wells will recover approximately 362,979 additional barrels of oil from the Red River "B" formation under primary recovery operations, for a total primary recovery of approximately 982,634 barrels.

9. Luff operates a number of other Red River "B" wells in the Harding County, South Dakota, and Bowman County, North Dakota area and also operates eight Red River "B" secondary recovery units in this area. Based upon Luff's experience with other wells and units, Luff believes that unitization of the Unit Area and implementation of a secondary recovery project consisting of a water flood will substantially increase the recovery of oil and gas from the Red River "B" formation underlying the Unit Area.

10. Specifically, reservoir modeling indicates that injecting water into three horizontal wells, including two new horizontal wells and one existing horizontal well, and producing oil and gas through the four remaining horizontal wells will likely result in the recovery of approximately 510,000 additional barrels of oil, together with the associated gas that will also be recovered, from the Unit Area. The estimated cost of such an enhanced recovery method is \$10.4 million. The value of these additional reserves far exceeds the costs necessary to implement a secondary recovery program. The present value, discounted at 10%, of the anticipated secondary recovery, net of the anticipated capital investment, is \$9.2 million.

11. At the present time, Luff anticipates injecting water into the existing Janvrin O-33H well and two new wells to be drilled, one in the SE/4 of Section 32 and the central portion of Section 5, and one primarily along the north/south boundary between Sections 5 and 6. Luff

will obtain approval pursuant to ARSD Chapter 74:12:07 prior to commencing injection in these wells or any other well.

12. Luff further believes that to protect the correlative rights of all owners of interests within the lands, production from the proposed unit area should be allocated on the basis of a two-phase formula, with Phase I based 4% on surface acres, 48% on current rate, defined as a 6 month average daily oil production ending April 2012, and 48% on remaining recoverable oil under primary recovery, and Phase II based 68% on estimated ultimate primary recovery, 28% on movable original oil in place, and 4 % surface acres. At the hearing in this matter, Luff will submit a proposed plan for unit operations consisting of a unit agreement and unit operating agreement addressing, among other things, the matters set forth in Section 45-9-39 of the South Dakota Codified Laws.

13. Luff proposes that the name of the proposed unit be the "Travers Ranch Red River Unit" and that it be designated as unit operator.

14. There are no unleased mineral owners within the proposed unit. Luff requests that the Board authorize the inclusion in the unit operating agreement of a provision allowing the recovery of risk compensation in accordance with ARSD 74:12:10:05 from lessees who elect not to participate in the risk and cost of unit operations after being afforded a reasonable opportunity to do so. Order No. 6-2004 authorized the recovery of risk compensation from any owner who elected not to participate in the risk and cost of drilling the Janvrin I-32H well. To the extent any such owners elected not to participate and are currently subject to risk compensation in accordance with Order No. 6-2004, Luff will address how such risk compensation will be handled after the effective date of the unit in the unit operating agreement which will be provided to the Board for its consideration and approval at the hearing of this matter.

15. To facilitate and enhance the value of reporting and tracking production and injection rates, applicant believes that current orders should be amended to that all the lands included within this unit are included within a single field, and applicant believes that all of said lands should be included in the Travers Ranch field.

16. The establishment of a secondary recovery unit and implementation of a secondary recovery program is reasonably necessary to increase substantially the ultimate recovery of oil and gas from the lands.

17. The value of the estimated additional recovery of oil and gas exceeds the estimated additional cost incident to conducting such operation.

18. The proposed unit area is of such size and shape as may be reasonably required for the conduct of the unit operations and the conduct of such operation will have no adverse effect upon other portions of the pool.

19. The Board has authority to hear and decide this matter pursuant to, and the subject of this petition involves, SDCL Sections 45-9-37 through 45-9-49 and ARSD 74:12:06:01.

WHEREFORE, applicant respectfully requests that this matter be set for hearing at the regularly scheduled hearings in June, 2012 or such other date as may be established by the Board and that thereafter the Board enter its order amending existing orders governing the Unit Area including, without limitation, Order Nos. 1-73, 2-73a, 3-73b, 19-97, 4-99, 4-2000, 5-2004, 2-2005, 2-2007, and 3-2011, including the Unit Area within the Travers Ranch field, approving the operation of the Unit Area as unit in accordance with the unit agreement and unit operating agreement as may be submitted by Luff at the hearing of this matter including the recovery of risk compensation in accordance with such agreements, and granting such other relief as may be requested.

Dated this <u>13th</u> day of April, 2012.

LUFF EXPLORATION COMPANY

John W. Morrison CROWLEY FLECK PLLP Suite 600, 400 East Broadway PO Box 2798 Bismarck, ND 58502

MAY, ADAM, GERDES & THOMPSON, L.L.P. 503 South Pierre Street PO Box 160 Pierre, SD 57501-0160

By: KOENECK

State of Colorado))ss. County of Denver)

Luff Exploration Company, applicant in the captioned matter, hereby grants permission to the secretary for the performance of inspections required or authorized by SDCL Chapter 45-9 or ARSD Article 74:12.



LUFF EXPLORATION COMPANY

I R. Juff

Subscribed and sworn to this $\frac{2^{77}}{2^{77}}$ day of April, 2012.

Notary Public Denver County, Colorado My Commission Expires: 8 21 2014

Luff Exploration Company

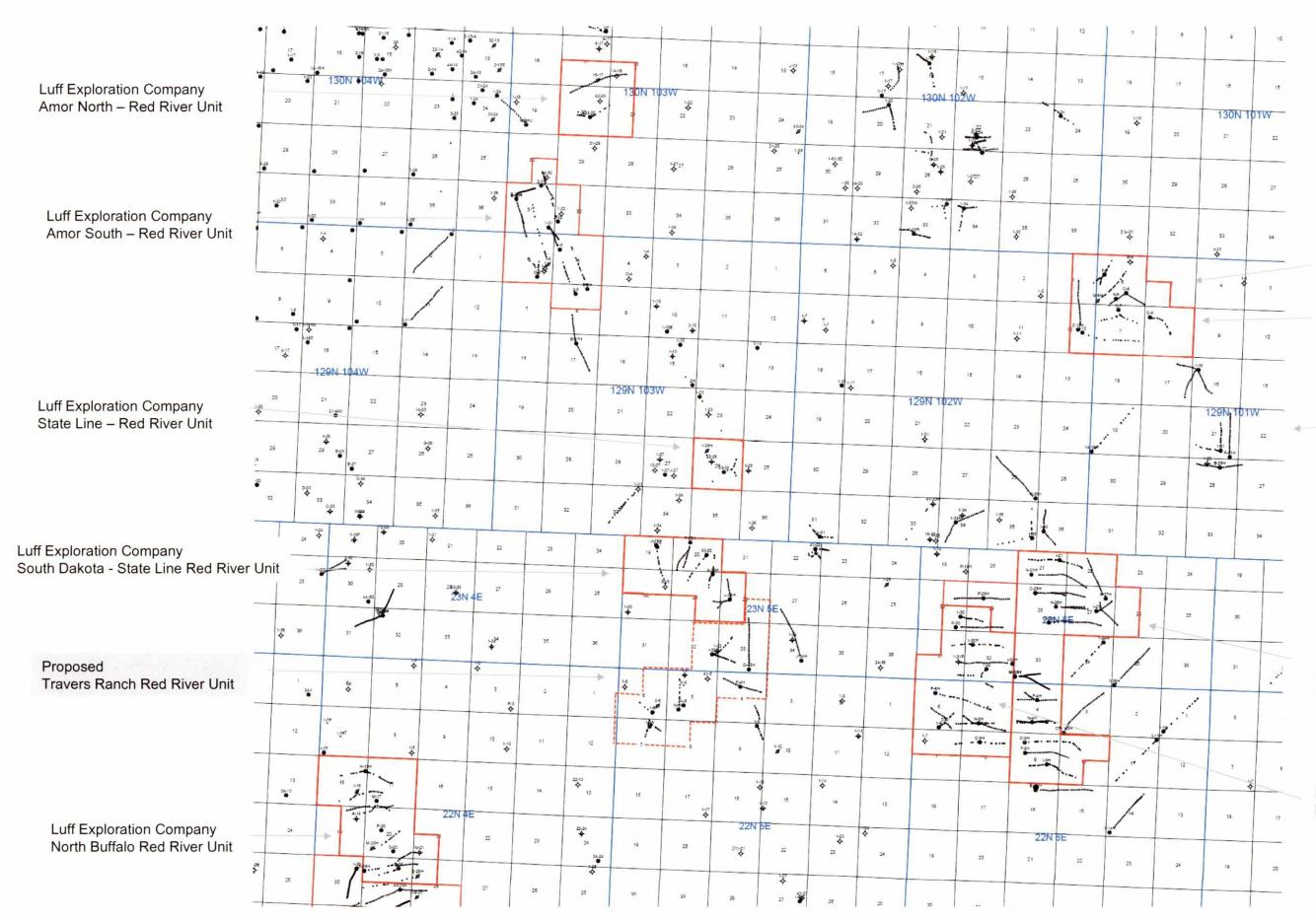


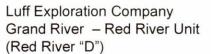
South Dakota Oil & Gas Case No. 4-2012

Proposed Travers Ranch Red River Unit

State Line Field, Travers Ranch Field, & Yellow Hair Field Harding County, South Dakota

June 14, 2012





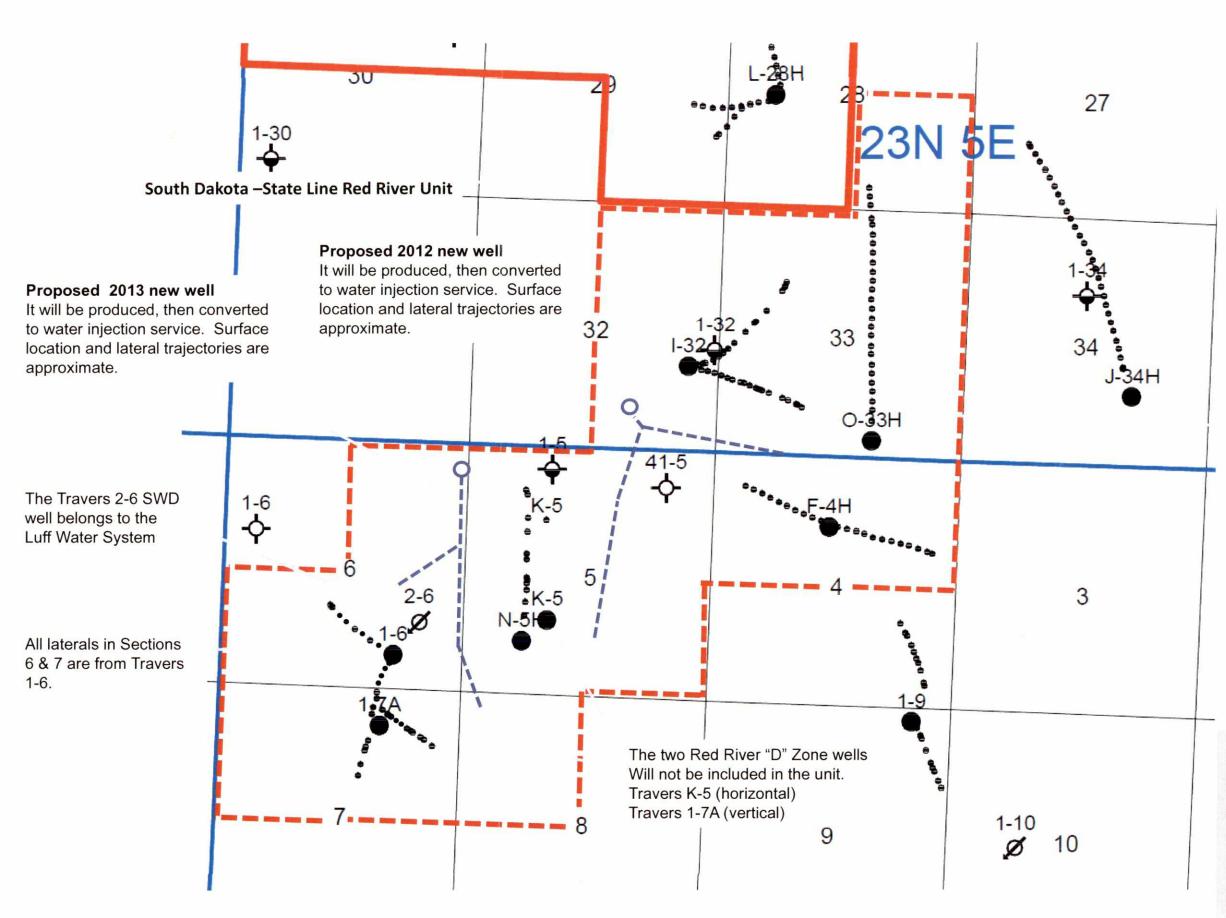
Luff Exploration Company Grand River – Red River "B" Unit

Bowman County North Dakota

Harding County South Dakota

Luff Exploration Company Pete's Creek Red River Unit

Luff Exploration Company East Harding Springs Red River Unit



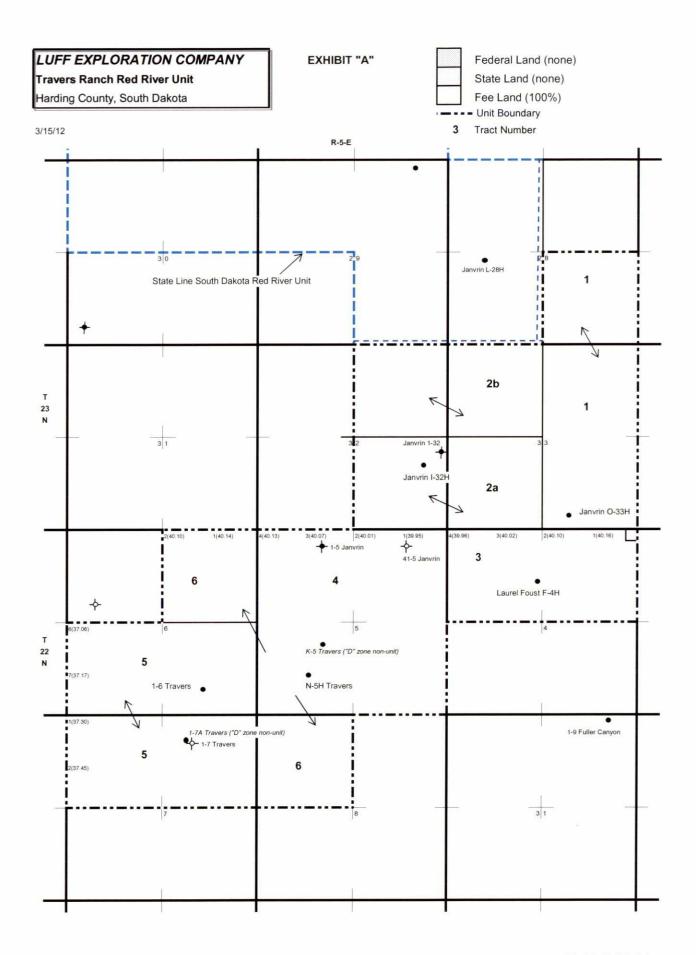
Janvrin O-33H would be converted to water injection service.

Proposed Travers Ranch Red River Unit

Includes portions of :

- -- Travers Ranch Field
- -- State Line Field
- -- Yellow Hair Field

Harding County, South Dakota



Luff Current Internal Participants Entity Reference

Jim Bailey
Clayton Chessman
Richard George
Kathy Schell
Ken Luff
Rick Fretheim
Bob Arceneaux

Exhibit "D" Travers Ranch Red River Unit Harding County, South Dakota

5/10/2012	Interest Type	Unit Summary WI	- Phase I BPO NRI	Unit Summary WI	- Phase I APO I NRI	Jnit Summary - WI	Phase II BPO L NRI	Jnit Summary WI	- Phase II APO NRI
ALMON, GEORGE DANIEL	WI	0.346054%	0.285203%	0.346054%	0.285203%	0.241017%	0.196904%	0.241017%	0.196904%
ADAMS, JONYE C.	WI	0.001493%	0.001306%	0.001493%	0.001306%	0.004016%	0.003514%	0.004016%	0.003514%
ARTZIS, ALVIN A. ESTATE AVALON CONSULTING INC.	WI WI	0.005975% 2.186161%	0.005227% 1.803790%	0.005975% 2.182189%	0.005227%	0.016071% 2.152663%	0.014061%	0.016071%	0.014061%
BERGET, SHARON K.	WI	1.844255%	1.531431%	1.841208%	1.528826%	1.678133%	1.392588%	1.669923%	1.385569%
CARRELL ENTERPRISES, INC.	WI	7.865281%	6.481404%	7.845715%	6.464675%	9.051511%	7.493534%	8.998791%	7.448458%
CHESSMAN ENERGY, LLC. DEOSH LIMITED PARTNERSHIP	WI WI	3.893984%	3.232932%	3.888915%	3.228598%	3.332355%	2.763085%	3.318696%	2.751407%
EAGLE INVESTMENTS INC.	WI	5.049988% 0.206609%	4.195578% 0.176632%	5.049988% 0.206609%	4.195578% 0.176632%	5.626904% 0.115087%	4.674715% 0.098370%	5.626904% 0.115087%	4.674715% 0.098370%
EDMONDS ENERGY CORP.	WI	4.515442%	3.757183%	4.508256%	3.751038%	3.868353%	3.217106%	3.848988%	3.200550%
FERRIS FAMILY REVOC TRUST DTD 12/21/07	WI	0.025208%	0.022052%	0.025208%	0.022052%	0.067800%	0.059318%	0.067800%	0.059318%
FORTIN ENTERPRISES, INC.	WI	0.604369%	0.474081%	0.604369%	0.474081%	0.767252%	0.611019%	0.767252%	0.611019%
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HANCOCK ENTERPRISES	WI WI	11.635194% 0.402913%	9.568738% 0.316055%	11.616287% 0.402913%	9.552572% 0.316055%	11.708278% 0.511501%	9.673664% 0.407347%	11.657333% 0.511501%	9.630105% 0.407347%
HEADINGTON OIL CO. LLC	WI	8.041574%	6.570985%	8.013297%	6.546808%	9.084280%	7.465558%	9.008087%	7.400413%
KERMIT HOFFERT LIVING TRUST	WI	0.023107%	0.020215%	0.023107%	0.020215%	0.062150%	0.054375%	0.062150%	0.054375%
KENNETH D. LUFF TRUST DATED 12/1/92	WI	25.573820%	21.126618%	25.534618%	21.093101%	25.003428%	20.698115%	24.897793%	20.607798%
JWC RESOURCES, LLC KATS RESOURCES LLC	WI	2.023014% 2.131048%	1.664645% 1.761486%	2.019347% 2.127545%	1.661509% 1.758492%	2.012517% 1.997154%	1.661726%	2.002635% 1.987717%	1.653278% 1.647556%
KLT RESOURCES, LLC	WI	2.590706%	2.129483%	2.586003%	2.125463%	2.480683%	2.048960%	2.468013%	2.038126%
KRAUSE, LARRY D.	WI	0.004720%	0.004129%	0.004720%	0.004129%	0.012696%	0.011108%	0.012696%	0.011108%
LARIO OIL & GAS CO.	WI	5.049988%	4.126435%	5.049988%	4.126435%	5.626904%	4.597801%	5.626904%	4.597801%
2005 LUFF FAMILY REVOCABLE TRUST JON DAVID LUFF REVOCABLE TRUST	WI WI	0.255181% 0.255181%	0.215307% 0.215307%	0.255181%	0.215307%	0.106842%	0.088868%	0.106842%	0.088868%
LUFF, KEVIN D.	WI	0.255181%		0.255181%	0.215307%	0.106842%	0.088868%	0.106842%	0.088868%
MCCOURT, DONALD TRUST	WI	0.012645%	0.010196%	0.012645%	0.010196%	0.013792%	0.011139%	0.013792%	0.011139%
MCCOURT, PURNEE A. TRUST	WI	0.126453%	0.101956%	0.126453%	0.101956%	0.137924%	0.111389%	0.137924%	0.111389%
KEITH MOHL TRUST DTD 2/8/99 MUREX PETROLEUM CORP	WI	0.005975% 3.339223%	0.005227% 2.713412%	0.005975% 3.339223%	0.005227%	0.016071%	0.014061%	0.016071%	0.014061%
NANCE RESOURCES, INC.	WI	0.898305%		0.898305%	2.713412% 0.763643%	2.125109% 1.008222%	1.727106% 0.857928%	2.125109% 1.008222%	1.727106% 0.857928%
NASH, ALEXANDER MS TRUST	WI	0.856954%	0.722628%	0.849949%	0.716639%	1.406309%	1.201537%	1.387434%	1.185399%
PAMCO INVESTMENTS CORP.	WI	0.058394%	0.049890%	0.058394%	0.049890%	0.068935%	0.058914%	0.068935%	0.058914%
PENWELL PROPERTIES, LLC PETROLEUM CHARITIES, INC.	WI	3.414917%		3.403519%	2.771721%	3.843281%	3.149064%	3.812569%	3.122805%
R&G RESOURCES, LLC	WI	0.000000%		0.164681% 0.583182%	0.140802%	0.000000%	0.000000%	0.443738%	0.379396%
FRANK A. RADELLA SURVIVOR'S TRUST	WI	0.084341%	0.068906%	0.084341%	0.068906%	0.104571%	0.085977%	0.104571%	0.085977%
RG OIL VENTURES, INC.	WI	0.502113%	0.415484%	0.500362%	0.413987%	0.564602%	0.468271%	0.559884%	0.464236%
SIPPEL FREEMAN LLC STEELE, JOHN A. TRUST	WI WI	4.842561%	and the second se	4.835133%	4.020648%	4.333772%	3.602299%	4.313757%	3.585187%
TROYER, PAMELA L.	WI	0.001493%		0.001493% 0.255181%	0.001306% 0.215307%	0.004016%	0.003514%	0.004016% 0.106842%	0.003514%
WERME, DOUGLAS R.	WI	0.025208%	and the second se		0.022052%	0.067800%	0.059318%	0.067800%	0.059318%
WORLDWIDE EXPLORATION CORP.	WI	0.206609%	0.176632%	0.206609%	0.176632%	0.115087%	0.098370%	0.115087%	0.098370%
	DOV		0.00400000		0.0040000/		0.00100001		
AGER, ROSE MARIE ALVERSON, GEORGIA	ROY ROY		0.001908%		0.001908%		0.001968%		0.001968%
ANDERSON, WILLIAM E. &	ROY		0.005935%		0.005935%		0.006123%		0.001476%
BAIL, JOAN	ROY		0.305222%		0.305222%		0.077315%		0.077315%
BAIL, WADE A.	ROY		0.152611%	_	0.152611%		0.038658%		0.038658%
CARVER, NANCY G. DICK, WILMA C.	ROY ROY		0.007630%		0.007630%		0.007871%		0.007871%
EGELAND, MONTE DEAN	ROY		0.467864%		0.467864%		0.504038%		0.504038%
RONALD EGELAND LIVING TRUST DTD 9/30/03	ROY		0.467864%		0.467864%		0.504038%		0.504038%
EKBLAD, PAMELA	ROY		0.007630%		0.007630%		0.007871%		0.007871%
FOUST, RUTH TRUST HAYDEN, LORA L.	ROY ROY		2.681558% 0.001908%		2.681558% 0.001908%		1.696182% 0.001968%		1.696182% 0.001968%
HAYDEN, ROBERT W.	ROY		0.001908%		0.001908%		0.001968%		0.001968%
HIGHT, JOHN H.	ROY		0.514486%		0.514486%		0.530748%		0.530748%
HOFFIS, G. JAMES	ROY		0.001431%		0.001431%		0.001476%		0.001476%
HOFFMAN, RAYMOND C. JANVRIN, CLAIR C., JR.	ROY ROY		0.012717%		0.012717%		0.013119% 2.362183%		0.013119%
KENNETH D. LUFF TRUST DATED 12/1/92	ROY		0.021937%		0.021937%		0.022631%		0.022631%
JOHNSON, JEAN R.	ROY		0.053418%		0.053418%		0.055106%		0.055106%
JOHNSON, LONNEY DALE	ROY		0.003815%		0.003815%		0.003936%		0.003936%
JOHNSON, MARILYN E. JOHNSON, RONALD R.	ROY ROY		0.001908%		0.001908%		0.001968%		0.001968%
LANG, JAMES S.	ROY		0.007630%		0.007630% 0.008478%		0.007871%		0.007871%
LOUDEN, BONNIE K.	ROY		0.007630%		0.007630%		0.007871%		0.007871%
MCGREER, KELLY & ROSEMARY	ROY		0.375426%		0.375426%		0.405683%		0.405683%
MCGUFFIN, ANDREW F. MCGUFFIN, AUGUST L.	ROY ROY		0.002861%		0.002861%		0.002952%		0.002952%
MCGUFFIN, AUGUST L. MCGUFFIN, CHARLES, JR.	ROY		0.008478%		0.008478%		0.008746% 0.003936%		0.008746%
MCGUFFIN, DAVID	ROY		0.007630%		. 0.007630%		0.007871%		0.003930%
MCGUFFIN, DONALD R.	ROY		0.001431%		0.001431%		0.001476%		0.001476%
MCGUFFIN, HELEN S.	ROY		0.011446%		0.011446%		0.011807%		0.011807%
MCGUFFIN, KEVIN KELLY MCGUFFIN, ROBERT E., SR.	ROY ROY		0.006438%		0.006438%		0.006642%		0.006642%
MCGUFFIN, SCOTT DENISON	ROY		0.009538%		0.009538%		0.009840%		0.009840%
MERRITT, ANN D. MCGUFFIN	ROY		0.009538%		0.009538%		0.009840%		0.009840%
MILLER, LINDA M.	ROY		0.007630%		0.007630%		0.007871%		0.007871%
MILLER, MARION MOBERG, CLARENCE	ROY ROY		0.467864%		0.467864%		0.504038%		0.504038%
MYERS, KAREN LEE	ROY		0.001908%		0.001908%		0.001968%		0.001968%
OLSON, DAVID JAMES	ROY		0.002544%		0.002544%		0.002624%		0.002624%
OLSON, JAMES	ROY		0.007630%		0.007630%		0.007871%		0.007871%
OLSON, ROBERT BRUCE OLSON, STEPHEN PAUL	ROY ROY		0.002544%		0.002544%		0.002624%		0.002624%
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ROY		0.002544%		0.002544%		0.002624%		0.002624%
PARKER, ROBERT & JUDY	ROY		0.375426%		0.375426%		0.405683%		0.405683%
ROE, THOMAS RAY	ROY		0.010174%		0.010174%		0.010495%		0.010495%
ROSE, PEGGY COLLEN SHECK, MICHELLE MCGUFFIN	ROY ROY		0.001431%		0.001431%		0.001476%		0.001476%
	ROY		0.000715%		0.000715%		0.000738%		0.000738%
ST. AGNES CHURCH OF COX	ROY		0.375425%		0.375425%		0.405683%		0.405683%
TALBOTT LIVING TRUST					0.002861%		0.002952%		0.002952%
TALBOTT LIVING TRUST TERRY, JOANN MARIE	ROY		0.002861%						
TALBOTT LIVING TRUST TERRY, JOANN MARIE TIERNEY, ROBIN	ROY ROY		0.152611%		0.152611%		0.038658%		0.038658%
TALBOTT LIVING TRUST TERRY, JOANN MARIE TIERNEY, ROBIN TRAVERS EDUCATIONAL TRUST	ROY ROY ROY		0.152611% 3.881565%		0.152611% 3.881565%		0.038658% 4.191744%		4.191744%
TALBOTT LIVING TRUST TERRY, JOANN MARIE TIERNEY, ROBIN	ROY ROY		0.152611%		0.152611%		0.038658%		4.191744% 2.043808%
TALBOTT LIVING TRUST TERRY, JOANN MARIE TIERNEY, ROBIN TRAVERS EDUCATIONAL TRUST ALYCE TRAVERS FAMILY TRUST	ROY ROY ROY ROY		0.152611% 3.881565% 1.799442%		0.152611% 3.881565% 1.799442%		0.038658% 4.191744% 2.043808%		4.191744%

Exhibit "D" Travers Ranch Red River Unit Harding County, South Dakota

5/10/2012	Interest	Unit Summary	- Phase I BPO	Unit Summary -	Phase I APO	Unit Summary -	Phase II BPO	Unit Summary	- Phase II APO
	Туре	WI	NRI	WI	NRI	WI	NRI	WI	NRI
	-								
A.L.E. RESOURCES, LLC	ORRI		0.025143%		0.025143%		0.027969%		0.027969%
ALMON, GEORGE DANIEL	ORRI		0.000708%		0.000708%		0.001909%		0.001909%
AVALON CONSULTING INC.	ORRI		0.024457%		0.024457%		0.025544%		0.025544%
BERGET, SHARON K.	ORRI		0.035549%		0.035549%		0.035130%		0.035130%
CARRELL ENTERPRISES, INC.	ORRI		0.794413%		0.794413%		0.694835%		0.694835%
CHESSMAN ENERGY, LLC.	ORRI		0.025397%		0.025397%		0.030488%		0.030488%
DANE, W. DANIEL	ORRI		0.000136%		0.000136%		0.000075%		0.000075%
DLD ENTERPRISES, L.L.C.	ORRI		0.013374%		0.013374%		0.016962%		0.016962%
EDMONDS ENERGY CORP.	ORRI		0.131554%		0.131554%		0.118789%		0.118789%
FILLINGHAM, ROBERT A.	ORRI		0.000113%		0.000113%		0.000062%		0.000062%
HEADINGTON OIL CO. LLC	ORRI		0.084106%		0.084106%		0.094831%		0.094831%
ARLEN B HENNEMAN, ETUX LIVING TRUST	ORRI		0.036632%		0.036632%		0.044383%		0.044383%
HOMER, C. JAMES	ORRI		0.000062%		0.000062%		0.000035%		0.000035%
KENNETH D. LUFF TRUST DATED 12/1/92	ORRI		1.515672%		1.515672%		1.315833%		1.315833%
JWC RESOURCES, LLC	ORRI		0.026326%		0.026326%		0.027487%		0.027487%
KATS RESOURCES LLC	ORRI		0.018044%		0.018044%		0.022481%		0.022481%
KLT RESOURCES, LLC	ORRI		0.130612%		0.130612%		0.114141%		0.114141%
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ORRI		0.645755%		0.645755%		0.568088%		0.568088%
PENWELL PROPERTIES, LLC	ORRI		0.038230%		0.038230%		0.043105%		0.043105%
PICKARD, ROBERT M.	ORRI		0.012572%		0.012572%		0.013985%		0.013985%
R&G RESOURCES, LLC	ORRI		0.000763%		0.000763%		0.002055%		0.002055%
RG OIL VENTURES, INC.	ORRI		0.015120%		0.015120%		0.015598%		0.015598%
SIPPEL FREEMAN LLC	ORRI		0.033389%		0.033389%		0.038781%		0.038781%
TAYLOR, NEAL A.	ORRI		0.006286%		0.006286%		0.006992%		0.006992%
WARE, JEFFREY V.	ORRI		0.025143%		0.025143%		0.027969%		0.027969%

Total 100.00000% 100.00000% 100.00000% 100.00000% 100.00000% 100.00000% 100.00000%

LUFF EXPLORATION COMPANY

OWNER APPROVALS BY EXECUTION OF RATIFICATION AND JOINDER TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

	1985.55 SS	Unit Sum	mary	a state water a state	
	Interest	10000		Ratification	
	Туре	WI	NRI	Received	
ALMON, GEORGE DANIEL	WI	0.346054%		0.346054%	
ADAMS, JONYE C.	WI	0.001493%		0.0014939	
ARTZIS, ALVIN A. ESTATE	WI	0.005975%			
AVALON CONSULTING INC.	WI	2.186161%		2.1861619	
BERGET, SHARON K.	WI	1.844255%	1	1.844255%	
CARRELL ENTERPRISES, INC.	WI	7.865281%	even e	7.8652819	
CHESSMAN ENERGY, LLC.	WI	3.893984%		3.893984%	
DEOSH LIMITED PARTNERSHIP	WI	5.049988%		5.049988%	
EAGLE INVESTMENTS INC.	WI	0.206609%		0.206609%	
EDMONDS ENERGY CORP.	WI	4.515442%		4.5154429	
FERRIS FAMILY REVOC TRUST DTD 12/21/07	WI	0.025208%		0.025208%	
FORTIN ENTERPRISES, INC.	WI	0.604369%		0.604369%	
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	WI	11.635194%		11.635194%	
HANCOCK ENTERPRISES	WI	0.402913%		0.402913%	
HEADINGTON OIL CO. LLC	WI	8.041574%		8.041574%	
KERMIT HOFFERT LIVING TRUST	WI	0.023107%		0.023107%	
KENNETH D. LUFF TRUST DATED 12/1/92	WI	25.573820%		25.573820%	
JWC RESOURCES, LLC	WI	2.023014%		2.023014%	
KATS RESOURCES LLC	WI	2.131048%		2.131048%	
KLT RESOURCES, LLC	WI	2.590706%		2.590706%	
KRAUSE, LARRY D.	WI	0.004720%		0.004720%	
LARIO OIL & GAS CO.	WI	5.049988%		5.049988%	
2005 LUFF FAMILY REVOCABLE TRUST	WI	0.255181%		0.255181%	
JON DAVID LUFF REVOCABLE TRUST	WI	0.255181%		0.255181%	
LUFF, KEVIN D.	WI	0.255181%			
MCCOURT, DONALD TRUST	WI	0.012645%		0.012645%	
MCCOURT, PURNEE A. TRUST	WI	0.126453%		0.126453%	
KEITH MOHL TRUST DTD 2/8/99	WI	0.005975%		0.005975%	
MUREX PETROLEUM CORP	WI	3.339223%			
NANCE RESOURCES, INC.	WI	0.898305%		0.898305%	
NASH, ALEXANDER MS TRUST	WI	0.856954%		0.856954%	
PAMCO INVESTMENTS CORP.	WI	0.058394%		0.058394%	
PENWELL PROPERTIES, LLC	WI	3.414917%		3.414917%	
PETROLEUM CHARITIES, INC.	WI	0.000000%			
R&G RESOURCES, LLC	WI	0.583182%		0.583182%	
FRANK A. RADELLA SURVIVOR'S TRUST	WI	0.084341%		0.084341%	
RG OIL VENTURES, INC.	WI	0.502113%		0.502113%	
SIPPEL FREEMAN LLC	WI	4.842561%		4.842561%	
STEELE, JOHN A. TRUST	WI	0.001493%		0.001493%	
TROYER, PAMELA L.	WI	0.255181%		0.255181%	
WERME, DOUGLAS R.	WI	0.025208%			
WORLDWIDE EXPLORATION CORP.	WI	0.206609%		0.206609%	

Percent of Working Interest Owners Ratifying Unit

96.374413%

	and the second se	
AGER, ROSE MARIE	ROY	0.001908%
ALVERSON, GEORGIA	ROY	0.001431% 0.001431%
ANDERSON, WILLIAM E. &	ROY	0.005935%
BAIL, JOAN	ROY	0.305222% 0.305222%
BAIL, WADE A.	ROY	0.152611% 0.152611%
CARVER, NANCY G.	ROY	0.007630% 0.007630%
DICK, WILMA C.	ROY	0.001908% 0.001908%
EGELAND, MONTE DEAN	ROY	0.467864% 0.467864%
RONALD EGELAND LIVING TRUST DTD 9/30/03	ROY	0.467864%
EKBLAD, PAMELA	ROY	0.007630%
FOUST, RUTH TRUST	ROY	2.681558% 2.681558%
HAYDEN, LORA L.	ROY	0.001908%
HAYDEN, ROBERT W.	ROY	0.001908%
HIGHT, JOHN H.	ROY	0.514486% 0.514486%
HOFFIS, G. JAMES	ROY	0.001431% 0.001431%
HOFFMAN, RAYMOND C.	ROY	0.012717% 0.012717%
JANVRIN, CLAIR C., JR.	ROY	1.551262%
KENNETH D. LUFF TRUST DATED 12/1/92	ROY	0.021937% 0.021937%
JOHNSON, JEAN R.	ROY	0.053418% 0.053418%
JOHNSON, LONNEY DALE	ROY	0.003815%



OWNER APPROVALS BY EXECUTION OF RATIFICATION AND JOINDER TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

Updated 6/11/2012		Unit S	ummary	
	Interest			Ratification
	Туре	WI	NRI	Received
JOHNSON, MARILYN E.	ROY		0.001908%	
JOHNSON, MARIETN E. JOHNSON, RONALD R.	ROY		0.007630%	0.007630%
LANG, JAMES S.	ROY		0.008478%	0.008478%
LOUDEN, BONNIE K.	ROY		0.007630%	0.00047070
MCGREER, KELLY & ROSEMARY	ROY	U	0.375426%	
MCGUFFIN, ANDREW F.	ROY		0.002861%	0.002861%
MCGUFFIN, AUGUST L.	ROY		0.008478%	0.008478%
MCGUFFIN, CHARLES, JR.	ROY		0.003815%	0.000 11070
MCGUFFIN, DAVID	ROY		0.007630%	0.007630%
MCGUFFIN, DONALD R.	ROY		0.001431%	
MCGUFFIN, HELEN S.	ROY		0.011446%	
MCGUFFIN, KEVIN KELLY	ROY		0.006438%	
MCGUFFIN, ROBERT E., SR.	ROY		0.011446%	
MCGUFFIN, SCOTT DENISON	ROY		0.009538%	0.009538%
MERRITT, ANN D. MCGUFFIN	ROY		0.009538%	0.009538%
MILLER, LINDA M.	ROY		0.007630%	0.007630%
MILLER, MARION	ROY		0.467864%	
MOBERG, CLARENCE	ROY		0.001908%	
MYERS, KAREN LEE	ROY		0.003815%	
OLSON, DAVID JAMES	ROY		0.002544%	
OLSON, JAMES	ROY		0.007630%	
OLSON, ROBERT BRUCE	ROY		0.002544%	
OLSON, STEPHEN PAUL	ROY		0.002544%	
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ROY		0.045783%	0.045783%
PARKER, ROBERT & JUDY	ROY		0.375426%	
ROE, THOMAS RAY	ROY		0.010174%	
ROSE, PEGGY COLLEN	ROY		0.001431%	
SHECK, MICHELLE MCGUFFIN	ROY		0.000715%	
ST. AGNES CHURCH OF COX	ROY		0.008343%	
TALBOTT LIVING TRUST	ROY		0.375425%	
TERRY, JOANN MARIE	ROY		0.002861%	
TIERNEY, ROBIN	ROY		0.152611%	0.152611%
TRAVERS EDUCATIONAL TRUST	ROY		3.881565%	3.881565%
ALYCE TRAVERS FAMILY TRUST	ROY		1.799442%	1.799442%
WHITEHOUSE, ESTER	ROY		0.007630%	0.007630%
WOODBURY, KATHLEEN S.	ROY		0.001431%	
A.L.E. RESOURCES, LLC	ORRI		0.025143%	0.025143%
ALMON, GEORGE DANIEL	ORRI		0.000708%	0.000708%
AVALON CONSULTING INC.	ORRI		0.024457%	0.024457%
BERGET, SHARON K.	ORRI		0.035549%	0.035549%
CARRELL ENTERPRISES, INC.	ORRI		0.794413%	0.794413%
CHESSMAN ENERGY, LLC.	ORRI		0.025397%	0.025397%
DANE, W. DANIEL	ORRI		0.000136%	
DLD ENTERPRISES, L.L.C.	ORRI		0.013374%	
EDMONDS ENERGY CORP.	ORRI		0.131554%	0.131554%
FILLINGHAM, ROBERT A.	ORRI		0.000113%	
HEADINGTON OIL CO. LLC	ORRI		0.084106%	0.084106%
ARLEN B HENNEMAN, ETUX LIVING TRUST	ORRI		0.036632%	0.036632%
HOMER, C. JAMES	ORRI		0.000062%	0.000062%
KENNETH D. LUFF TRUST DATED 12/1/92	ORRI		1.515672%	1.515672%
JWC RESOURCES, LLC	ORRI		0.026326%	0.026326%
KATS RESOURCES LLC	ORRI		0.018044%	0.018044%
KLT RESOURCES, LLC	ORRI		0.130612%	0.130612%
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ORRI		0.645755%	0.645755%
PENWELL PROPERTIES, LLC	ORRI		0.038230%	0.038230%
PICKARD, ROBERT M.	ORRI		0.012572%	0.012572%
R&G RESOURCES, LLC	ORRI		0.000763%	0.000763%
RG OIL VENTURES, INC.	ORRI		0.015120%	0.015120%
SIPPEL FREEMAN LLC	ORRI		0.033389%	0.033389%
TAYLOR, NEAL A.	ORRI		0.006286%	
WARE, JEFFREY V.	ORRI		0.025143%	0.025143%
Tot	tal Royalty	/	17.537008%	13.790674%

Percent of Royalty Owners Ratifying Unit 78.637553%

List of Wells Proposed Travers Ranch Red River Unit Harding County, South Dakota

Field	Well	Spacing Unit	Comments

Active Red River "B" completions in the proposed unit area:

State Line	Janvrin I-32H	E/2, Sec 32 & W/2, Sec 33, T23N, R5E	Vertical casing, dual short-radius casing exits, dual laterals
State Line	Janvrin O-33H	SE/4, Sec 28 & E/2, Sec 33, T23N, R5E	Medium-radius
Travers Ranch	Travers N-5H	All, Sec 5, T22N, R5E	Medium-radius
Travers Ranch	Travers 1-6	S/2, Sec 6 & N/2, Sec 7, T22N, R5E	Vertical casing, single short-radius casing exit, multiple laterals
Yellow Hair	Laurel Foust F-4H	N/2, Sec 4, T22N, R5E	Vertical casing, dual short-radius casing exits, dual laterals

Inactive completions that contributed Red River "B" production:

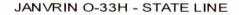
State Line	Janvrin 1-32	SE/4, Sec 32 & SW/4, Sec 33	8, T23N, R5E Vertical completion; well is P&A
Travers Ranch	Travers K-5 vertical	All, Sec 5, T22N, R5E	The vertical "B" completion was produced briefly, then squeezed off

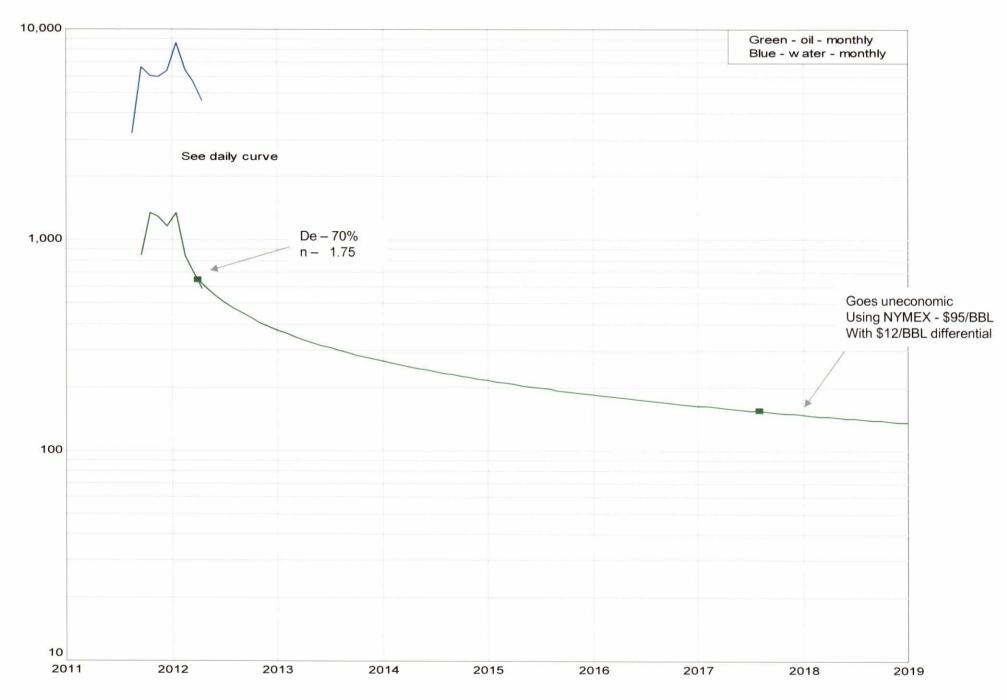
Inactive completion that effectively did not contribute to Red River "B" production:

Travers Ranch	Janvrin 1-5	N/2, Sec 5, T22N, R5E	did not contribute oil production. Production from the "C" & "D" Zones was modest.
			It was determined at the time that the "B" zone (called "A" at the time) effectively
			This vertical well, now P&A, was completed in the Red River "B", "C" & "D" Zones

Wells within the unit boundary that will not be involved in the unit, as they are not completed in the target zone:

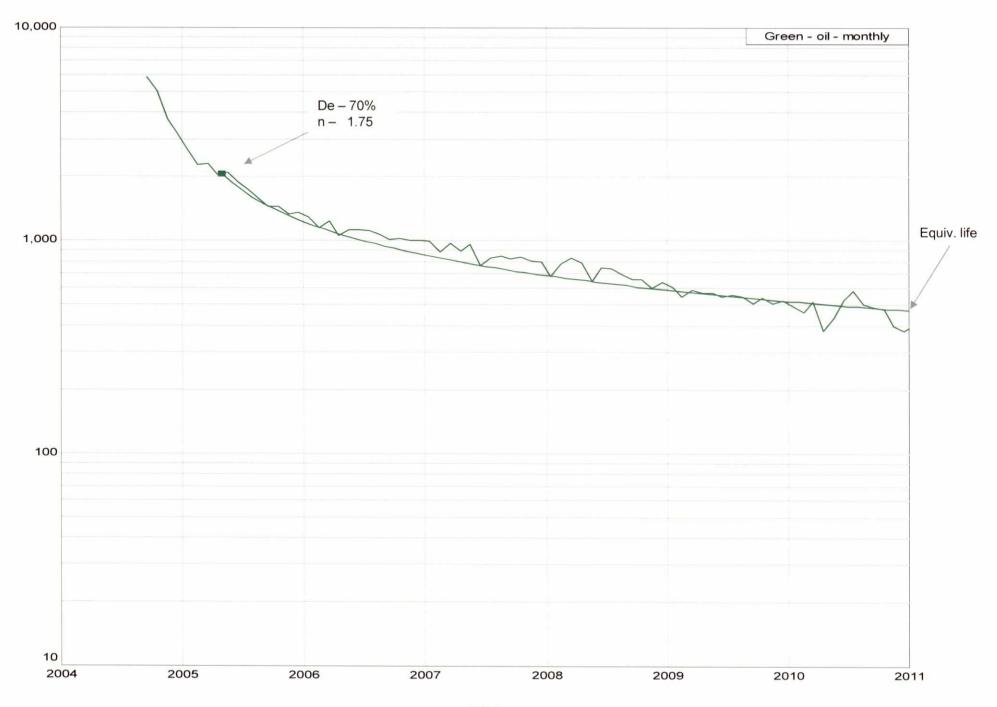
Travers Ranch	Travers K-5H horizontal	Red River "D" horizontal completion	
Travers Ranch	Travers 1-7A	Red River "D" vertical completion	
Travers Ranch	Travers 2-6 SWD	SWD well owned by Luff Water System	





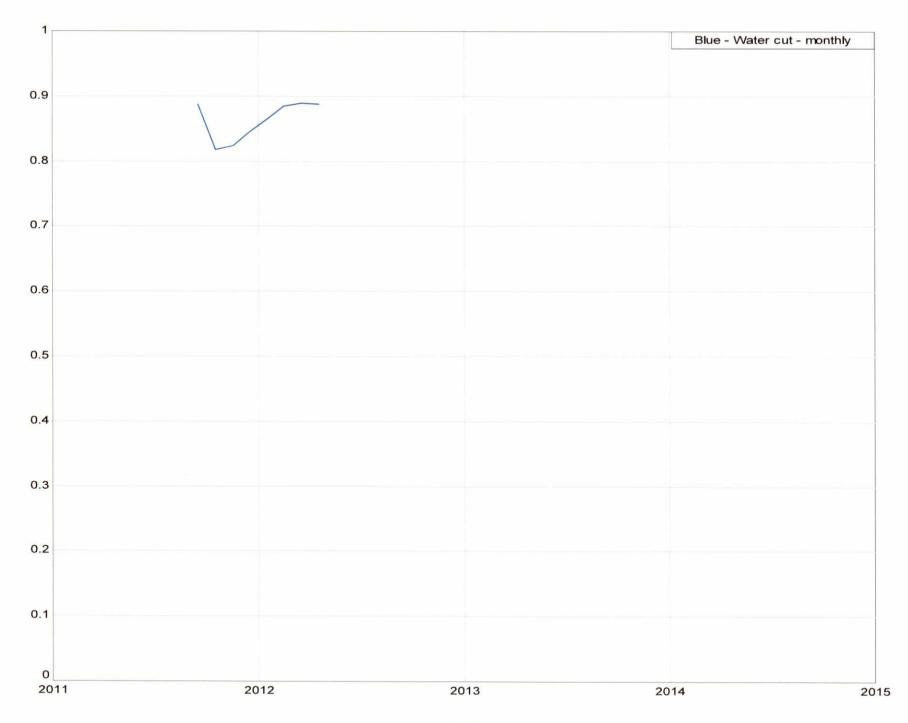
(in min)

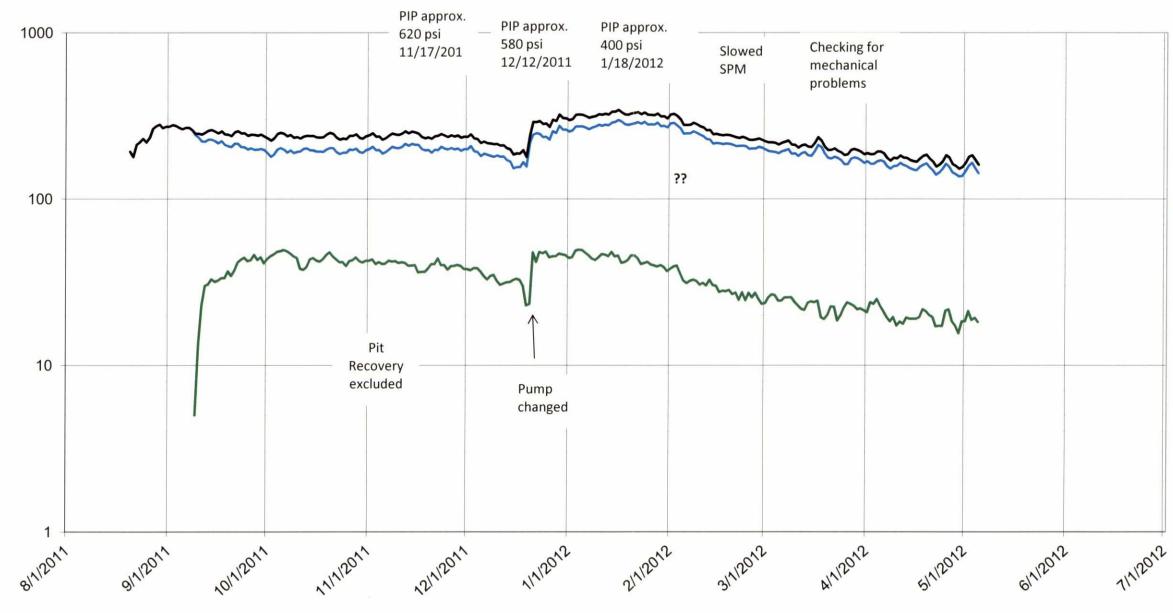
JANVRIN I-32H - HOI ONTAL B - STATE LINE



Rate (monthy)







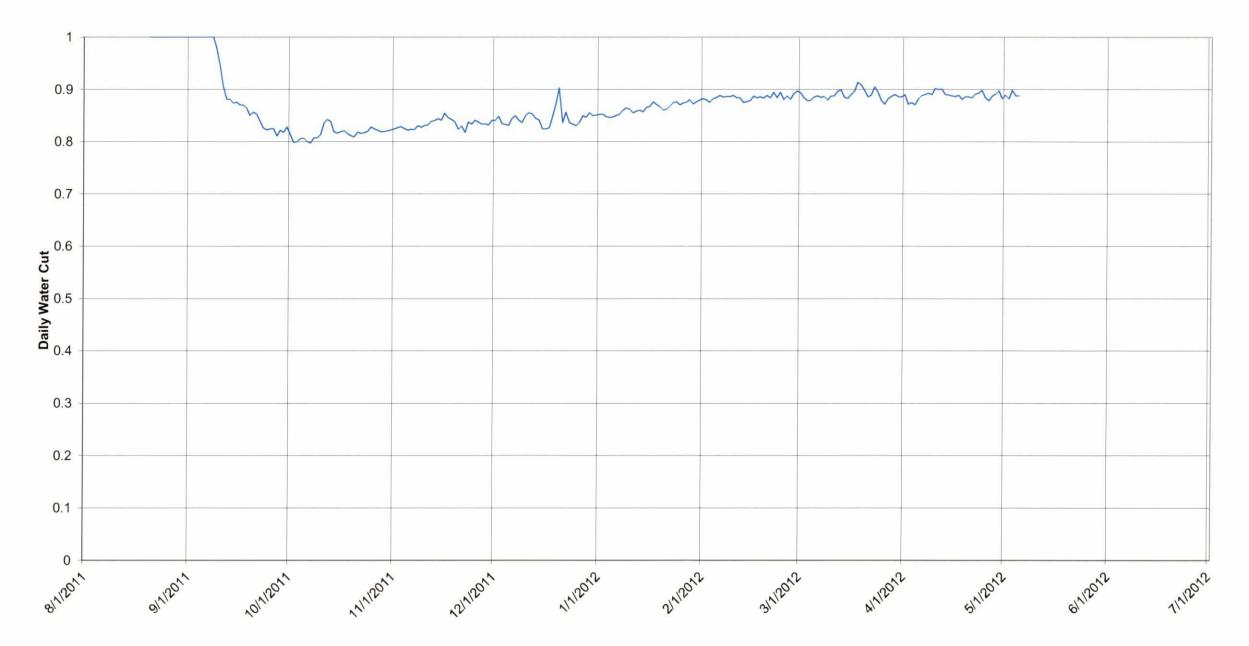
Oil

- Water - Total Fluid

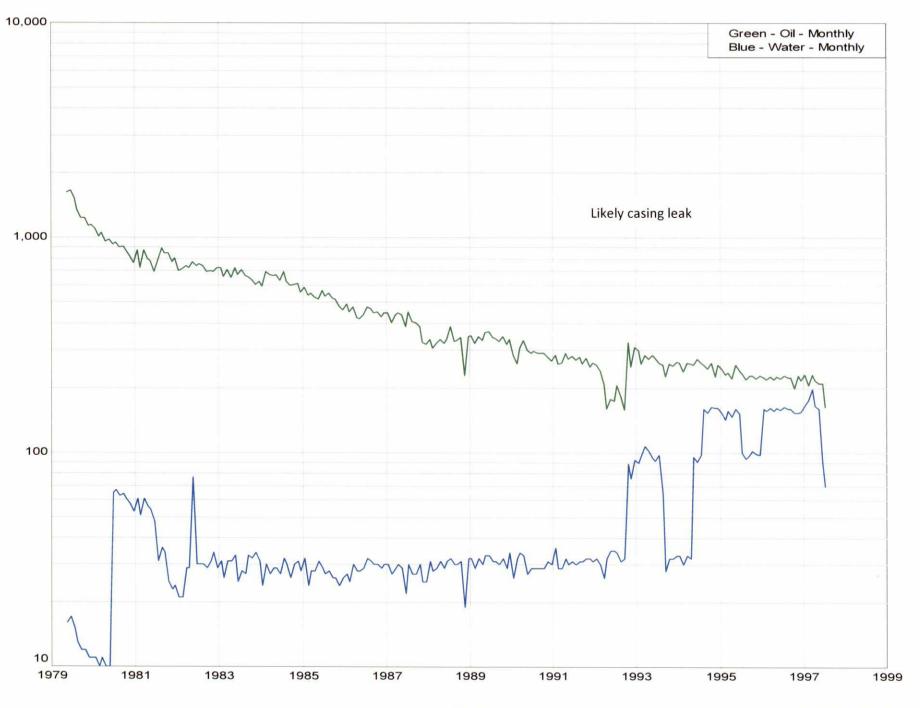
Janvrin O-33H - Horizontal "B" Zone 3-Day Trailing Average Values

Daily Rates

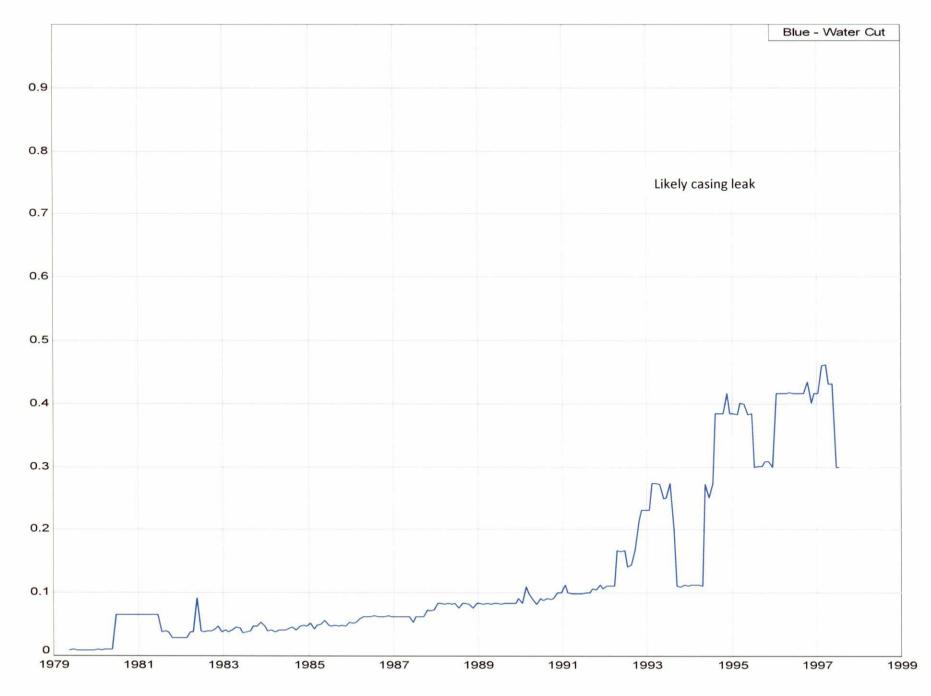
Janvrin O-33H - Horizontal "B" Zone 3-Day Trailing Averages



JANVRIN 1-32

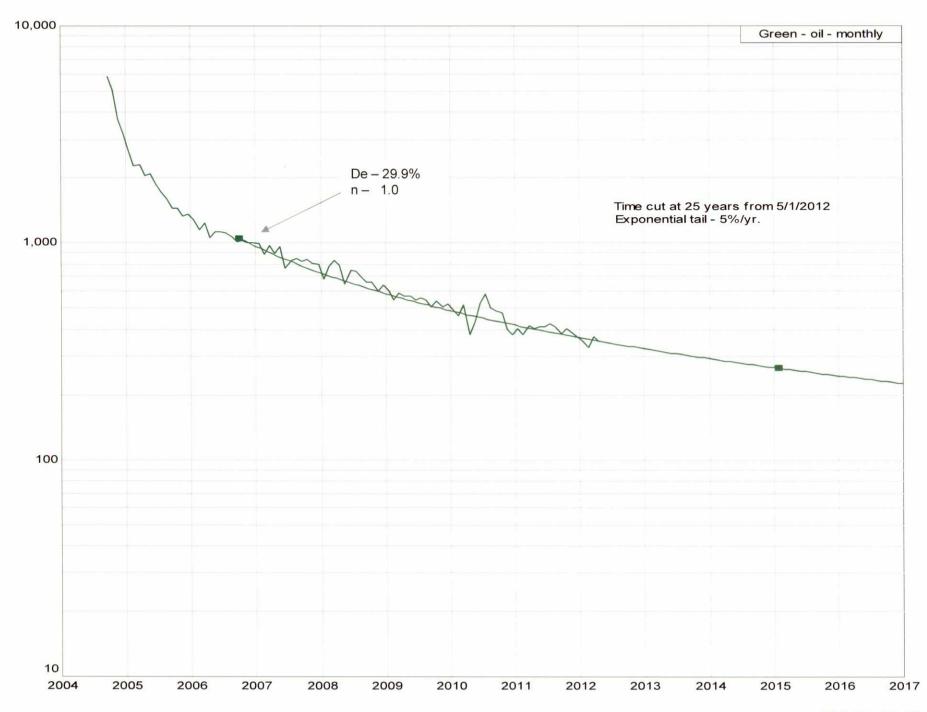






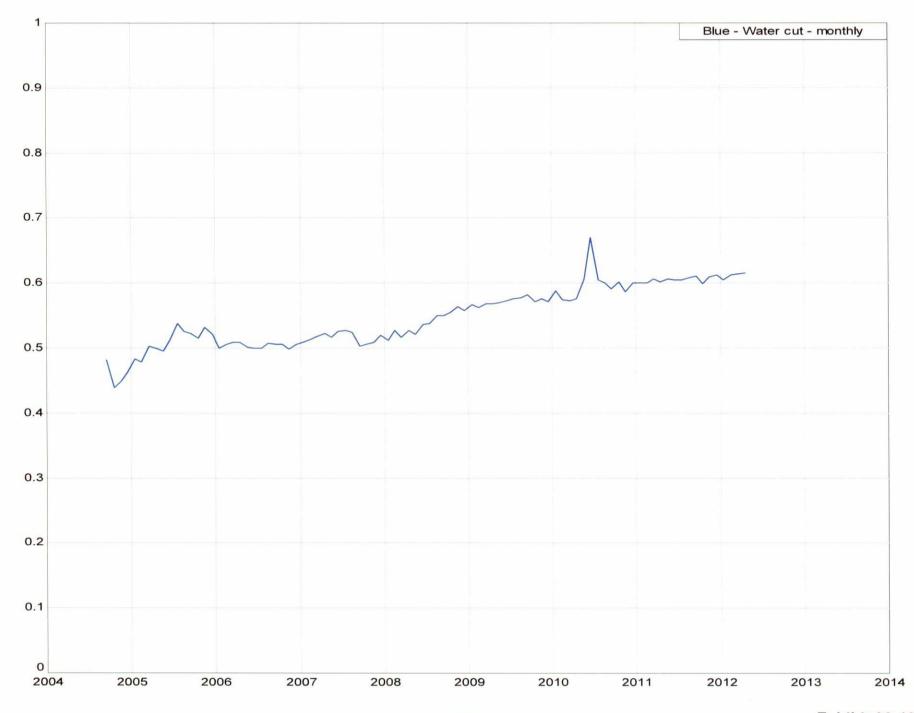
Water Out

JANVRIN I-32H - HO, _ONTAL B - STATE LINE

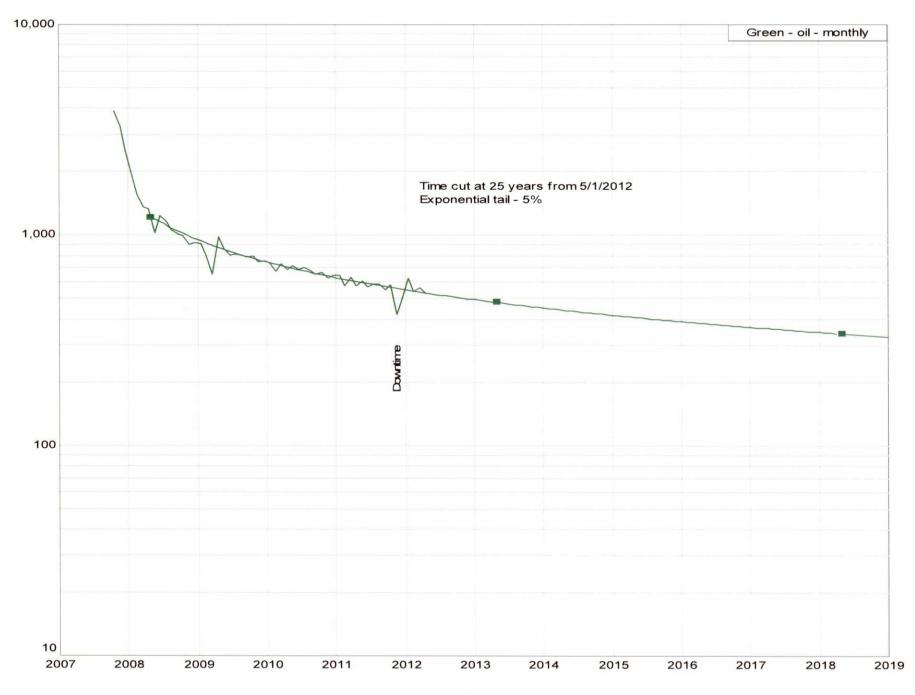


Rate (monthly)

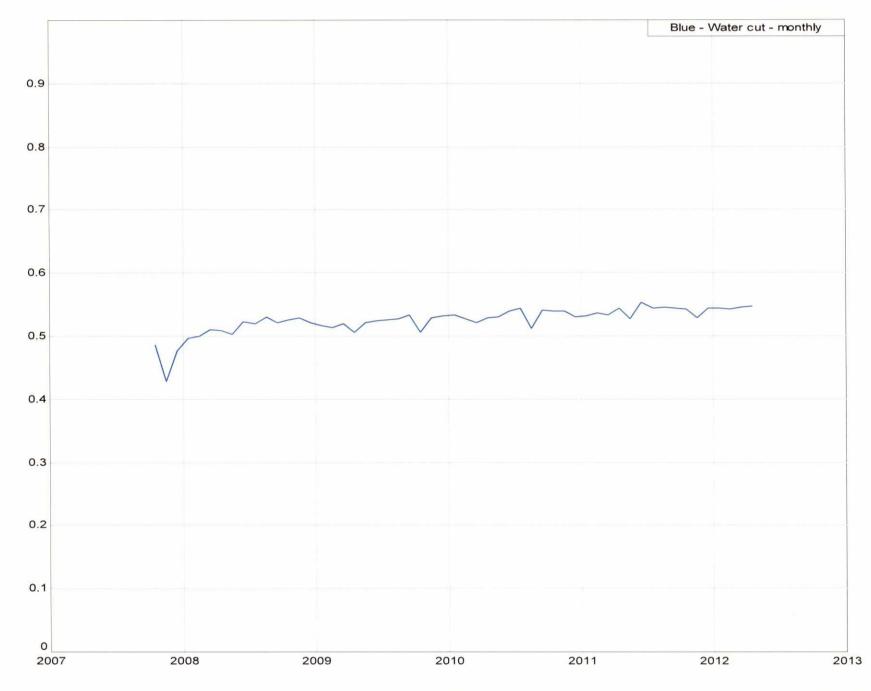
JANVRIN I-32H - HOF __ ONTAL B - STATE LINE



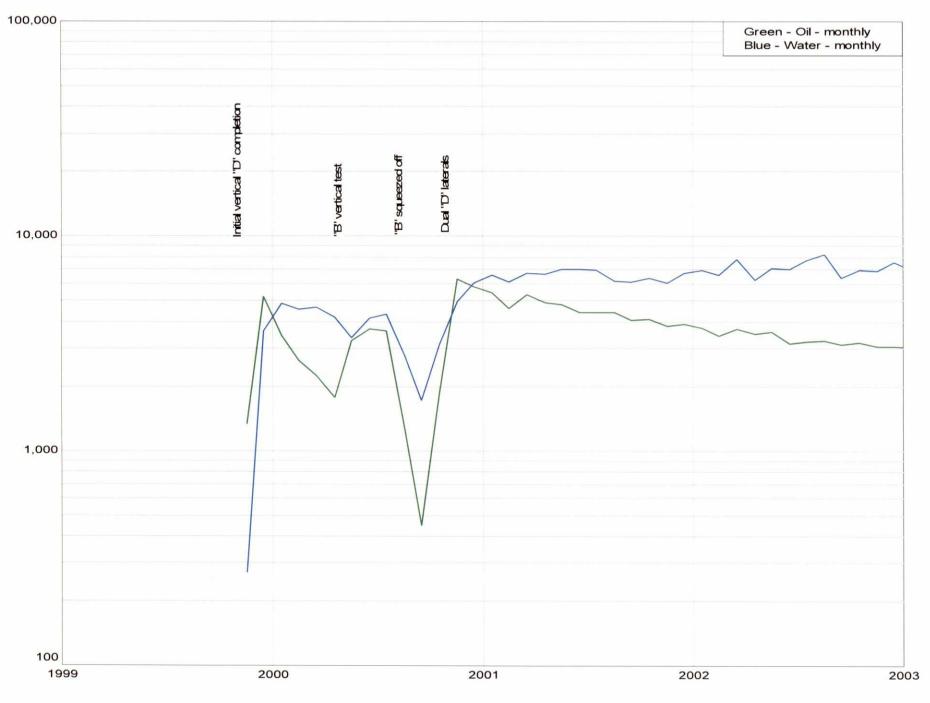
LAUREL FOUST F-4H - YELLOW HAIR



LAUREL FOUST F-4H - YELLOW HAIR



TRAVERS K-5 - XAVERS RANCH



Time

TRAVERS K-5 - TRAVERS RANCH

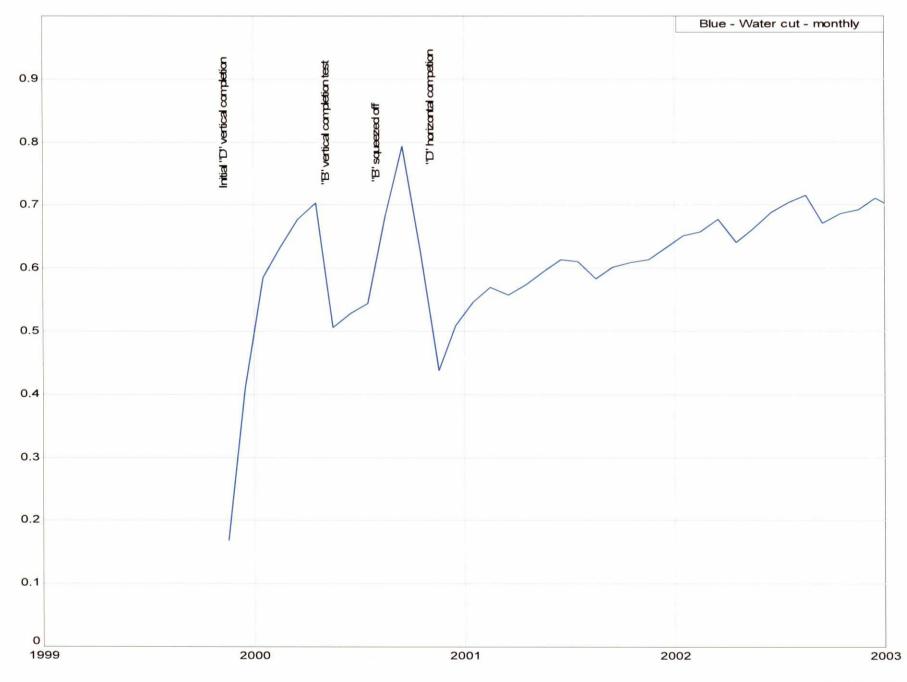
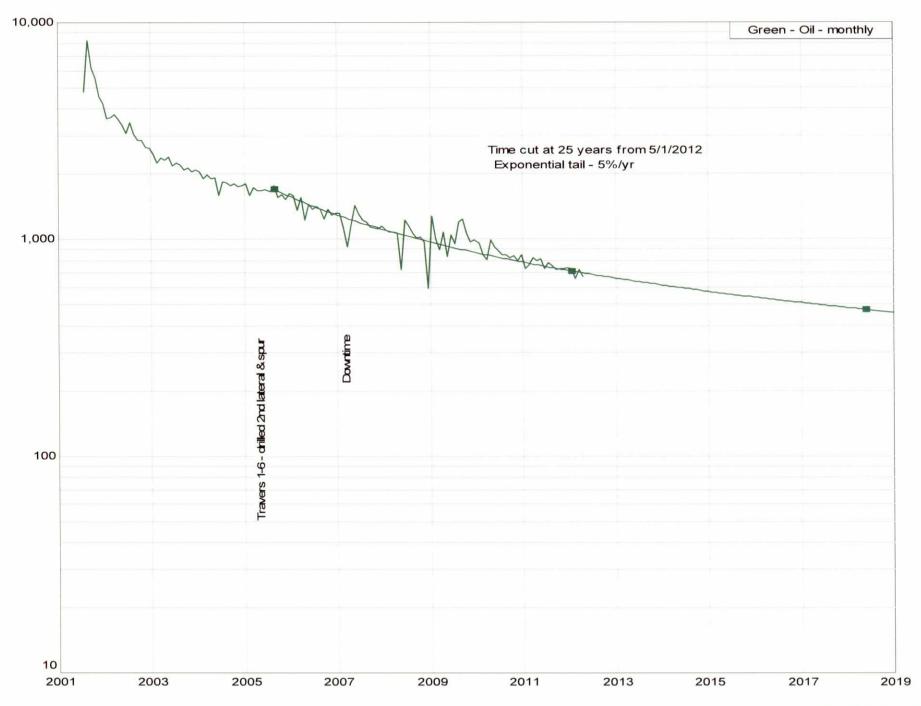


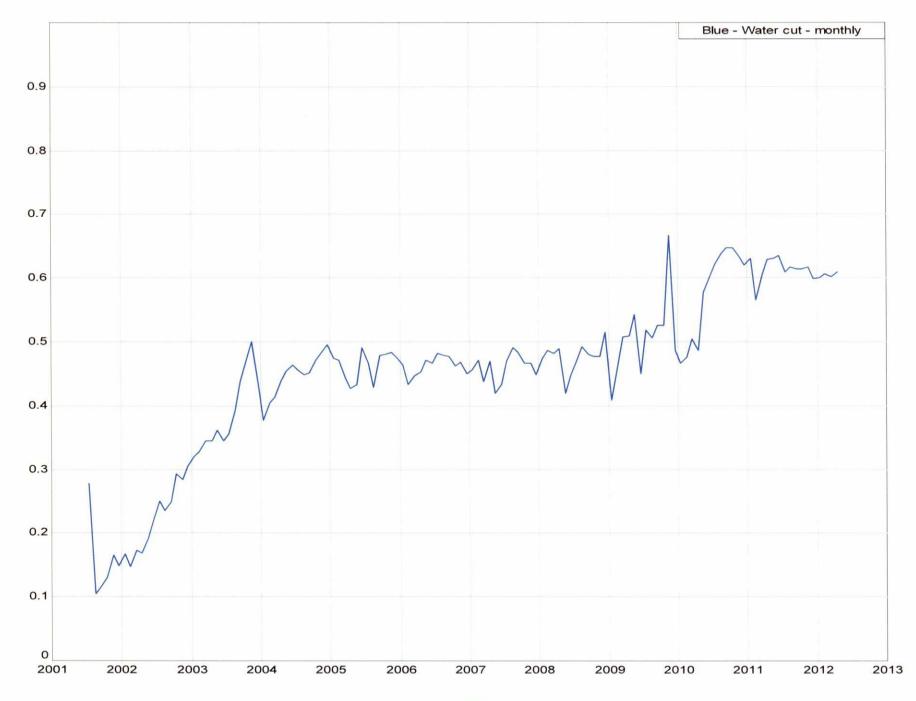
Exhibit 03-14

Time

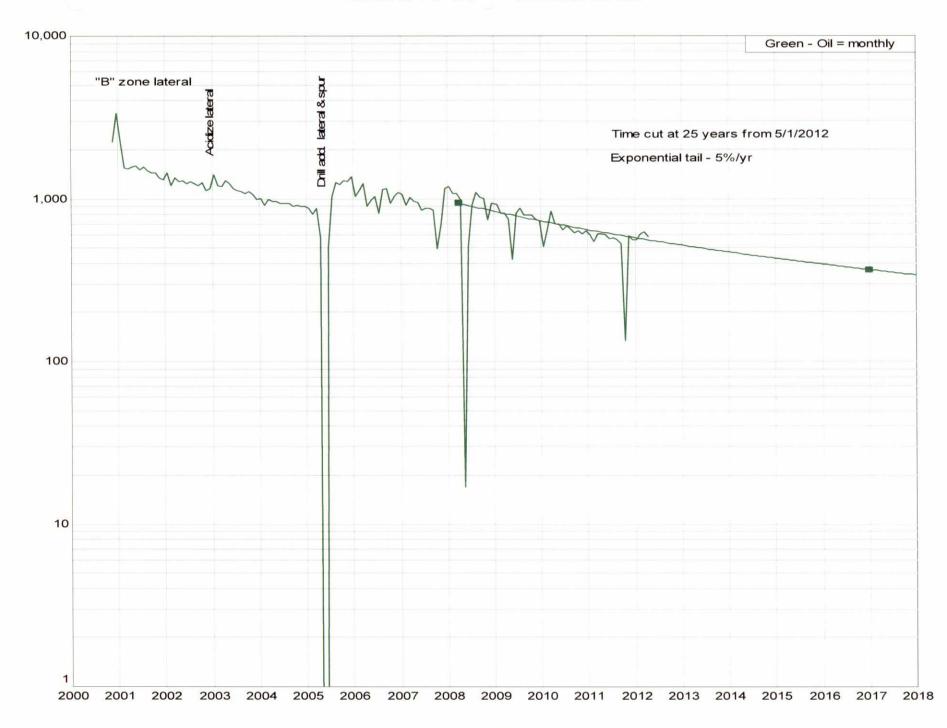


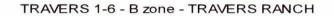
Time

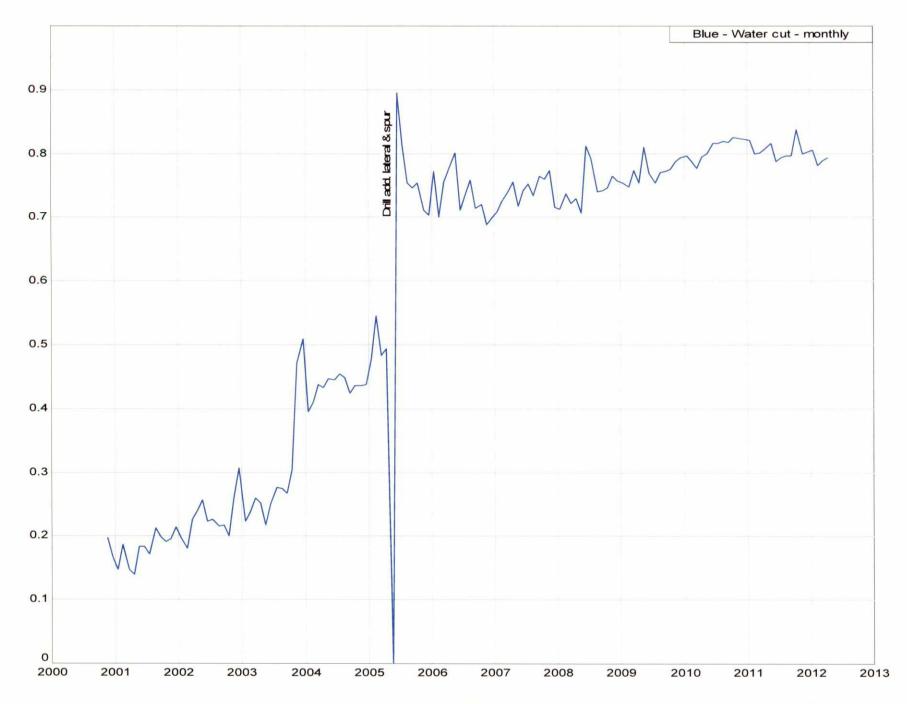




TRAVERS 1-6 - B z - TRAVERS RANCH







Proposed Travers Ranch Red River Unit Various Fields Harding County, South Dakota

Final - May 9, 2012

Remaining at May 1, 2012

25 years or E.L.)

(Cut off at

Remaining Primary I	Recovery Reserves	
and Resulting Prima	ry Recovery EUR's	
Summary by Well		
Well		

	Well			(BBLS)	(BBLS)	(BBLS)	Remaining	EUR
LEC	Janvrin O-33H	Horizontal	Medium-radius	8,128	16,808	24,936	5.06%	2.62%
LEC	Janvrin 1-32	Vertical	Vertical - P&A	103,485	0	103,485	0.00%	10.87%
LEC	Janvrin I-32H	Horizontal	Short-radius from 5-1/2	90,592	47,828	138,420	14.40%	14.55%
LEC	Laurel Foust F-4H	Horizontal	Short-radius from 5-1/2	51,209	79,515	130,724	23.94%	13.74%
LEC	Travers K-5	Vertical "B"	Brief prod period	11,620	0	11,620	0.00%	1.22%
LEC	Travers N-5H	Horizontal	Medim-radius	218,956	110,236	329,192	33.18%	34.59%
LEC	Travers 1-6	Horizontal Re-Entry	Short-radius from 5-1/2	135,437	77,813	213,250	23.42%	22.41%

Cumulative Thru

April 30, 2012

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 951,627
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 100.00%

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Primary

EUR

Well

Share

Well

Share

Recovery

Proposed Travers Ranch Red River Unit /arious Fields Harding County, South Dakota

Remaining Primary Recovery Reserves Effective May 1, 2012 Summary by Tract Final - May 9, 2012

Tracts	Lands	Acres (Acres)	Janvrin O-33H (BBLS) 16,808	Janvrin 1-32 Vertical (P&A) (BBLS) 0	Janvrin I-32H Horizontal (BBLS) 47,828	Laurel Foust F-4H (BBLS) 79,515	Travers K-5 Vertical "B" (BBLS) 0	Travers N-5H (BBLS) 110,236	Travers 1-6 (BBLS) 77,813	Total (BBLS) 332,200	Total (rounded) (MBBLS)
Tract 1	Sec 28, SE/4 & Sec 33, E/2 - T23N, R5E	480.00	16,808							16,808	16.8
Tract 2a	Sec 32, SE/4 & Sec 33, SW/4 - T23N, R5E	320.00		0	23,914					23,914	23.9
Tract 2b	Sec 32, NE/4 & Sec 33, NW/4 - T23N, R5E	320.00			23,914					23,914	23.9
Tract 3	Sec 4, N/2 - T22N, R5E	320.24				79,515				79,515	79.5
Tract 4	Sec 5, All - T22N, R5E	640.16					0	110,236		110,236	110.2
Tract 5	Sec 6, S/2 & Sec 7, N/2 - T22N, R5E	628.98							77,813	77,813	77.8
Tract 6	Sec 6, NE/4 & Sec 8, NW/4 - T22N, R5E	320.24								0	0.0
		3,029.62	16,808	0	47,828	79,515	0	110,236	77,813	332,200 332,200	332.1
	Notes										

o Final values for each tract expressed in thousands of barrels (MBBLS) and rounded to 1 decimal place

Proposed Travers Ranch Red River Unit /arious Fields Harding County, South Dakota

Estimated Ultimate Recovery (EUR) for Primary - Allocated to Tracts

Final - May 9, 2012

Tracts	Lands	Acres (Acres)	Janvrin O-33H (BBLS) 24,936	Janvrin 1-32 Vertical (P&A) (BBLS) 103,485	Janvrin I-32H Horizontal (BBLS) 138,420	Laurel Foust F-4H (BBLS) 130,724	Travers K-5 Vertical (BBLS) 11,620	Travers N-5H (BBLS) 329,192	Travers 1-6 (BBLS) 213,250	Total (BBLS) 951,627	Total (rounded) (MBBLS)
Tract 1	Sec 28, SE/4 & Sec 33, E/2 - T23N, R5E	480.00	24,936							24,936	24.9
Tract 2a	Sec 32, SE/4 & Sec 33, SW/4 - T23N, R5E	320.00		103,485	69,210					172,695	172.7
Tract 2b	Sec 32, NE/4 & Sec 33, NW/4 - T23N, R5E	320.00			69,210					69,210	69.2
Tract 3	Sec 4, N/2 - T22N, R5E	320.24				130,724				130,724	130.7
Tract 4	Sec 5, All - T22N, R5E	640.16					11,620	329,192		340,812	340.8
Tract 5	Sec 6, S/2 & Sec 7, N/2 - T22N, R5E	628.98							213,250	213,250	213.3
Tract 6	Sec 6, NE/4 & Sec 8, NW/4 - T22N, R5E	320.24								0	0.0
		3,029.62	24,936	103,485	138,420	130,724	11,620	329,192	213,250	951,627	951.6
										951,627	

Notes

o Final values for each tract expressed in thousands of barrels (MBBLS) and rounded to 1 decimal place

Proposed Travers Ranch Red River Unit Various Fields Harding County, South Dakota

Final - May 9, 2012 (using actual values through April)

	Well	Time Period	Average Daily Oil Rate (BBLS/Day	Well Share of Total (%)
LEC	Janvrin O-33H	3 months ending April 2012	23.67	24.14%
LEC	Janvrin I-32H	6 months ending April 2012	11.94	12.18%
LEC	Laurel Foust F-4H	6 months ending April 2012	19.62	20.01%
LEC	Travers N-5H	6 months ending April 2012	23.41	23.88%
LEC	Travers 1-6H	6 months ending April 2012	19.40	19.79%

98.04 100.00%

RDG 5/17/2012

Proposed Travers Ranch Red River Unit Various Fields Harding County, South Dakota

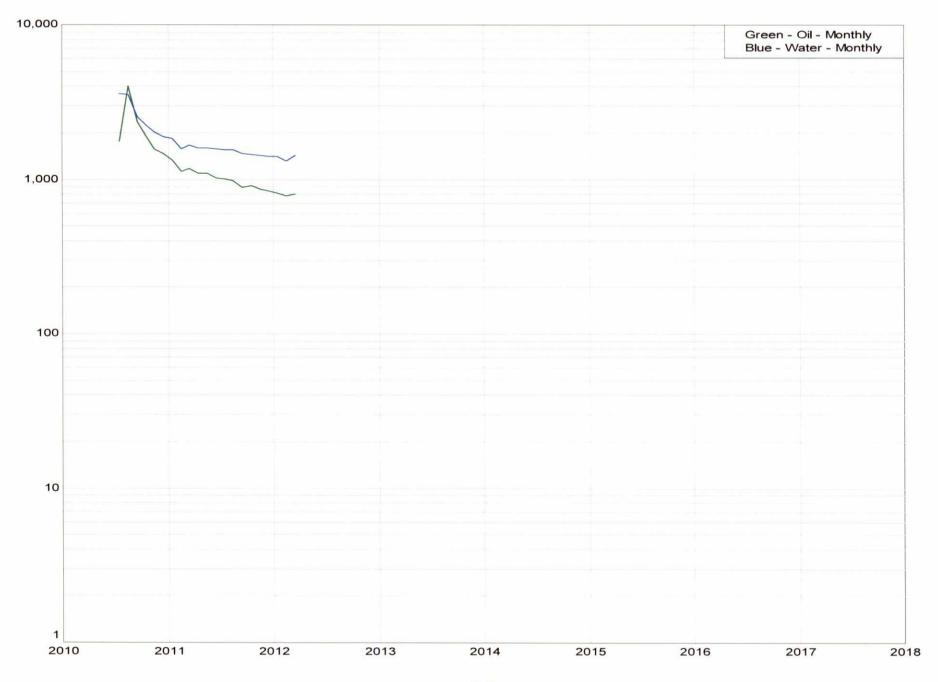
Current Rate - Allocated to Tracts

Final - May 9, 2012 (using actual values through April)

Tracts	Lands	Acres (Acres)	Janvrin O-33H (BOPD) 23.67	Janvrin I-32H (BOPD) 11.94	Laurel Foust F-4H (BOPD) 19.62	Travers N-5H (BOPD) 23.41	Travers 1-6 (BOPD) 19.40	(BOPD) 98.04
Tract 1	Sec 28, SE/4 & Sec 33, E/2 - T23N, R5E	480.00	23.67					23.67
Tract 2a	Sec 32, SE/4 & Sec 33, SW/4 - T23N, R5E	320.00		5.97				5.97
Tract 2b	Sec 32, NE/4 & Sec 33, NW/4 - T23N, R5E	320.00		5.97				5.97
Tract 3	Sec 4, N/2 - T22N, R5E	320.24			19.62			19.62
Tract 4	Sec 5, All - T22N, R5E	640.16				23.41		23.41
Tract 5	Sec 6, S/2 & Sec 7, N/2 - T22N, R5E	628.98					19.40	19.40
Tract 6	Sec 6, NE/4 & Sec 8, NW/4 - T22N, R5E	320.24						0.00
		3,029.62	23.67	11.94	19.62	23.41	19.40	98.04 98.04
	Notes							

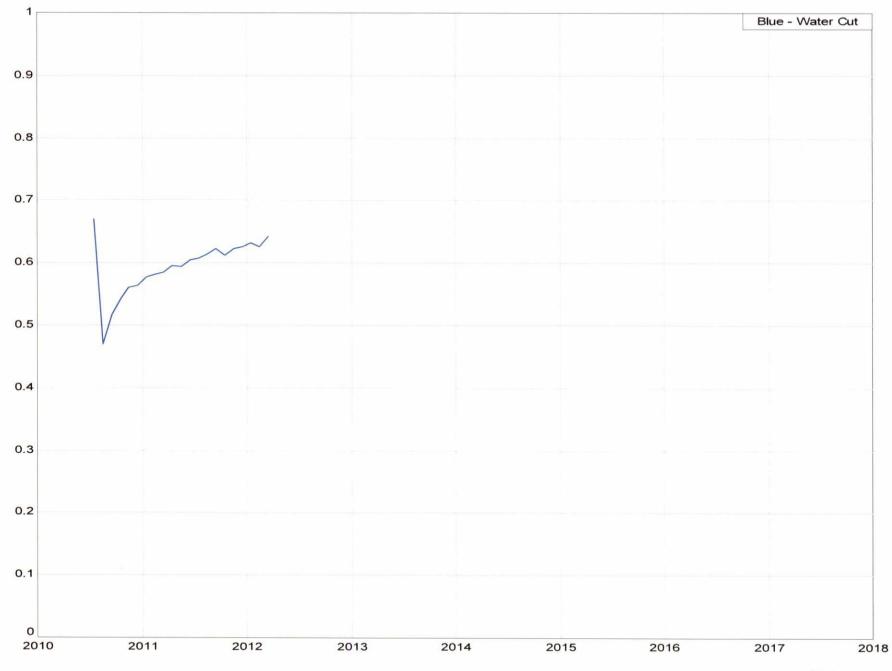
o Final values for each tract were rounded to 2 decimal places



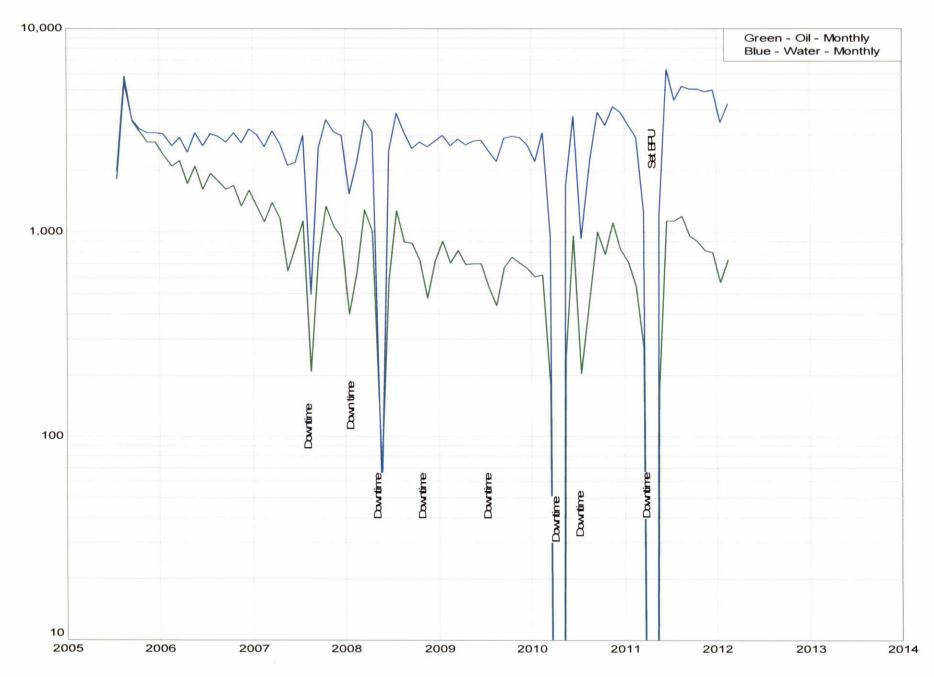


Rate (monthy)



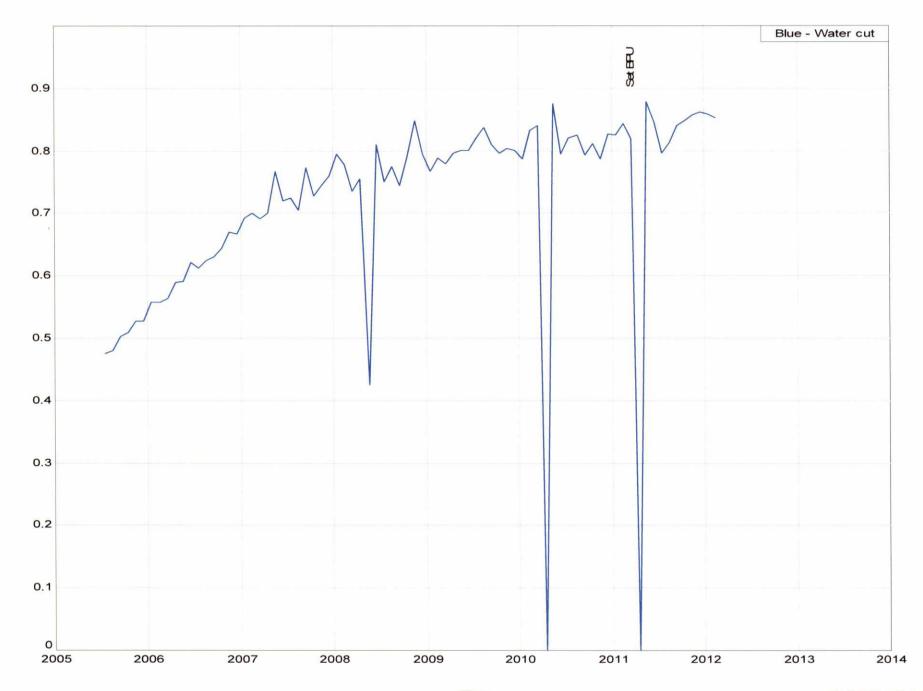


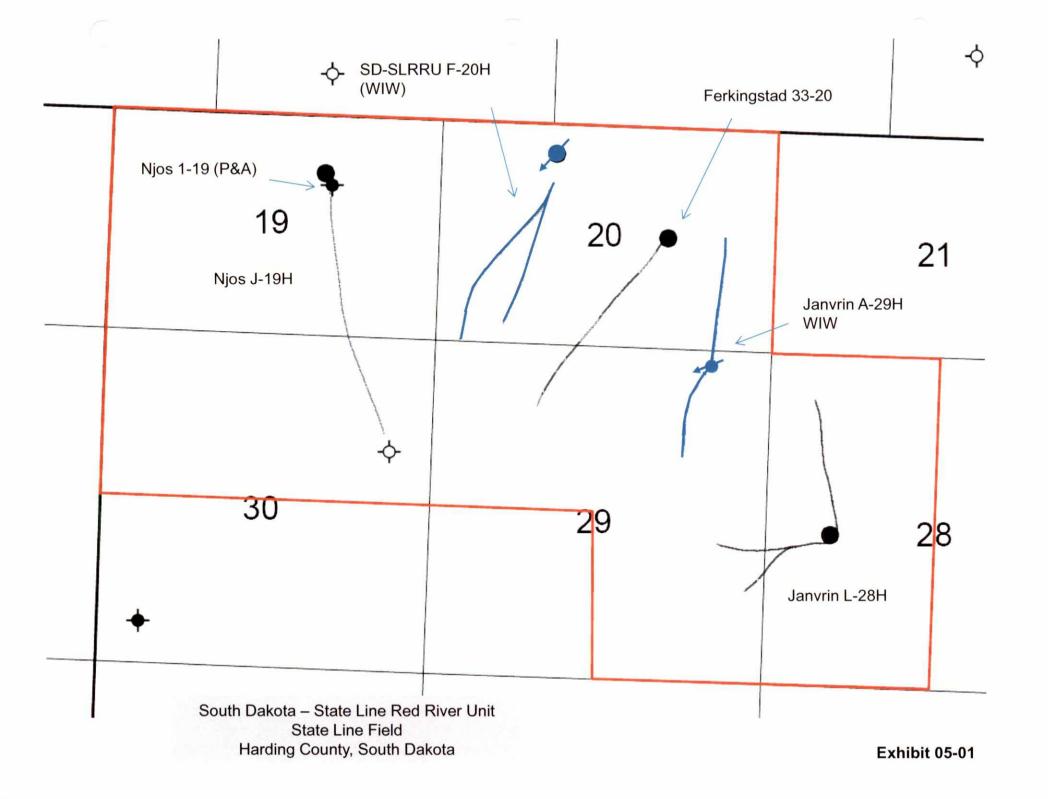




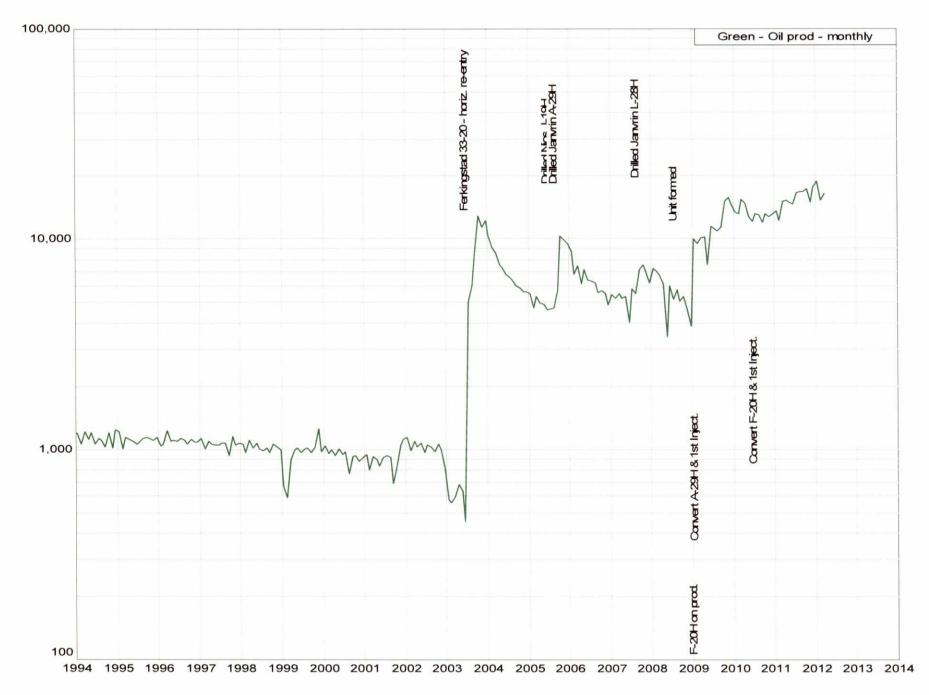
Rate (monthy)

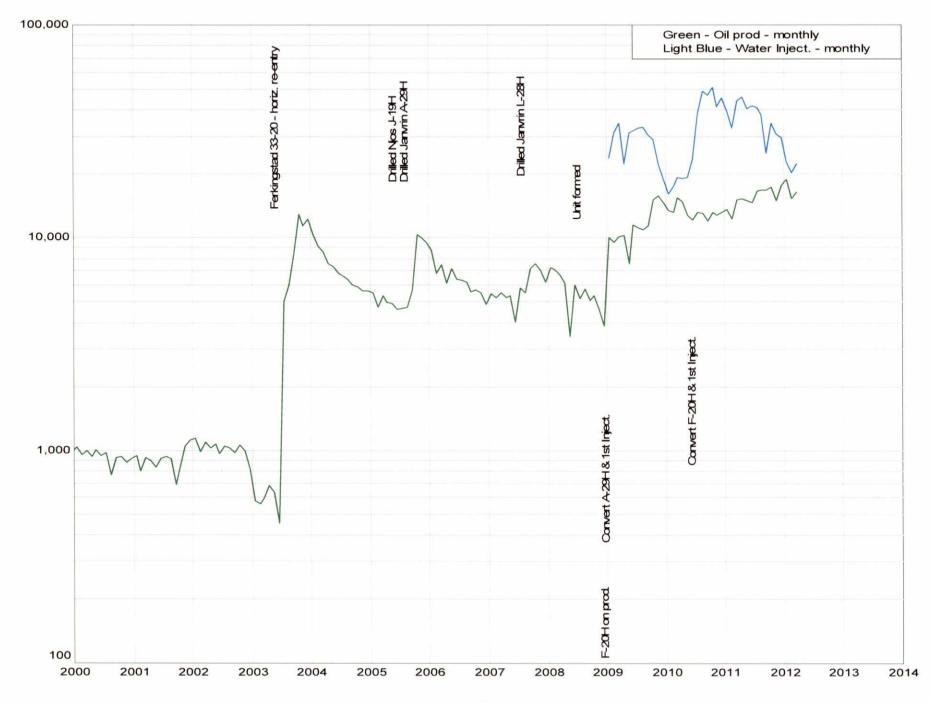
FULLER CANYON FED. 1-9 - HORIZ B - YELLOW HAIR





SOUTH DAKOTA-STATE LINE RED KIVER UNIT - STATE LINE (SD-SLRRU)





Rate (monthly)

Open Hole Logs Area Around South Dakota – State Line Red River Unit and Proposed Travers Ranch Red River Unit

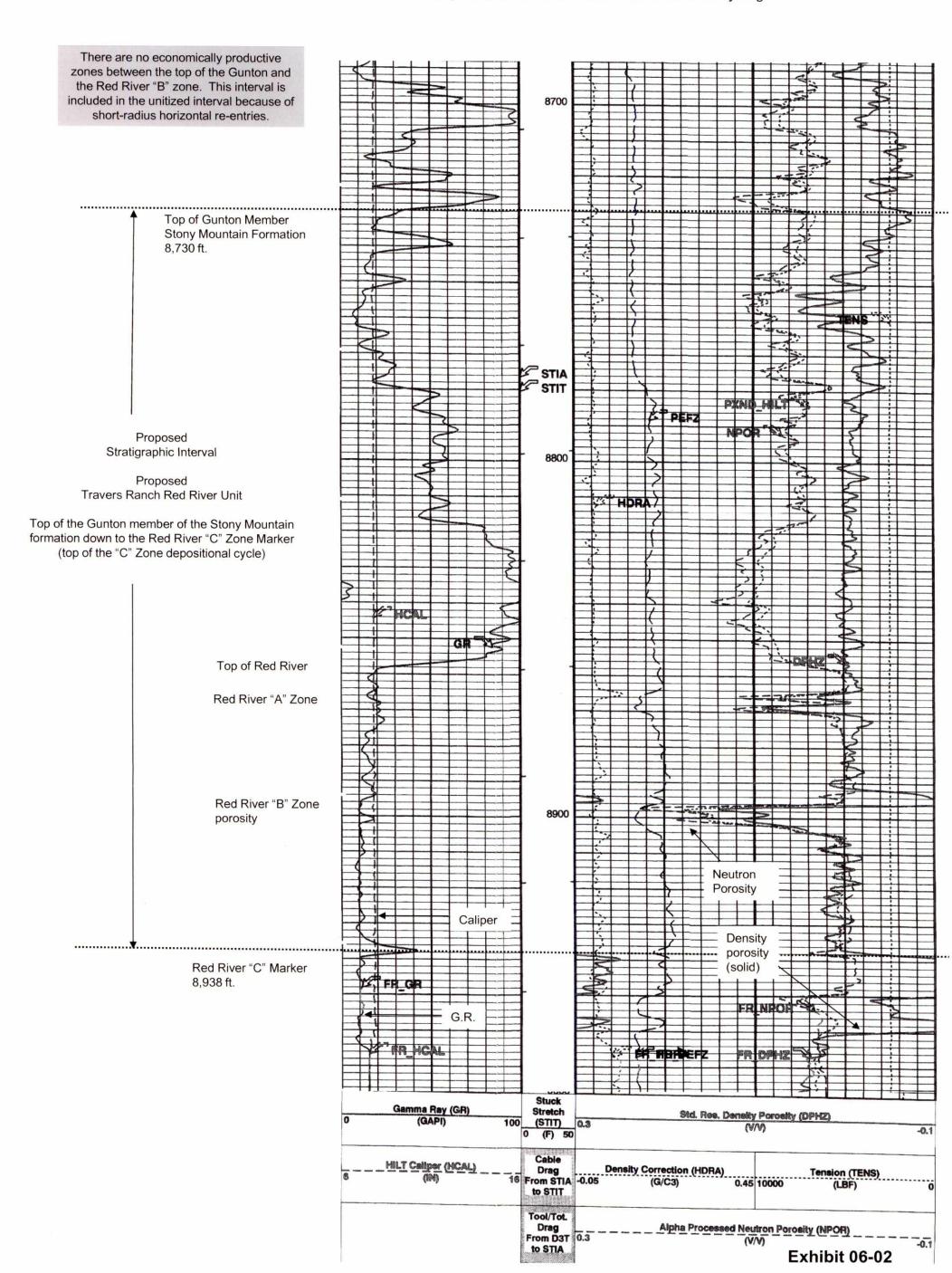
Open hole electric logs are useful for determining reservoir qualities such as porosity, thickness, and oil saturation (using water saturation).

Unfortunately, within the boundaries of the proposed Travers Ranch Red River Unit there are few wells with modern open hole logs. One such well, the Janvrin I-32H, provides the type-log for the proposed unit (Exhibit 06-02).

For reservoir properties to use for both reservoir modeling (as starting points which get refined in model iterations) and for sub-surface oil-in-place mapping, average values were taken from large samples of wells in the greater area in and around the South Dakota – State Line Red River Unit and the proposed Travers Ranch Red River Unit.

Luff Exploration Company Janvrin I-32H K.B. 2,992 ft.

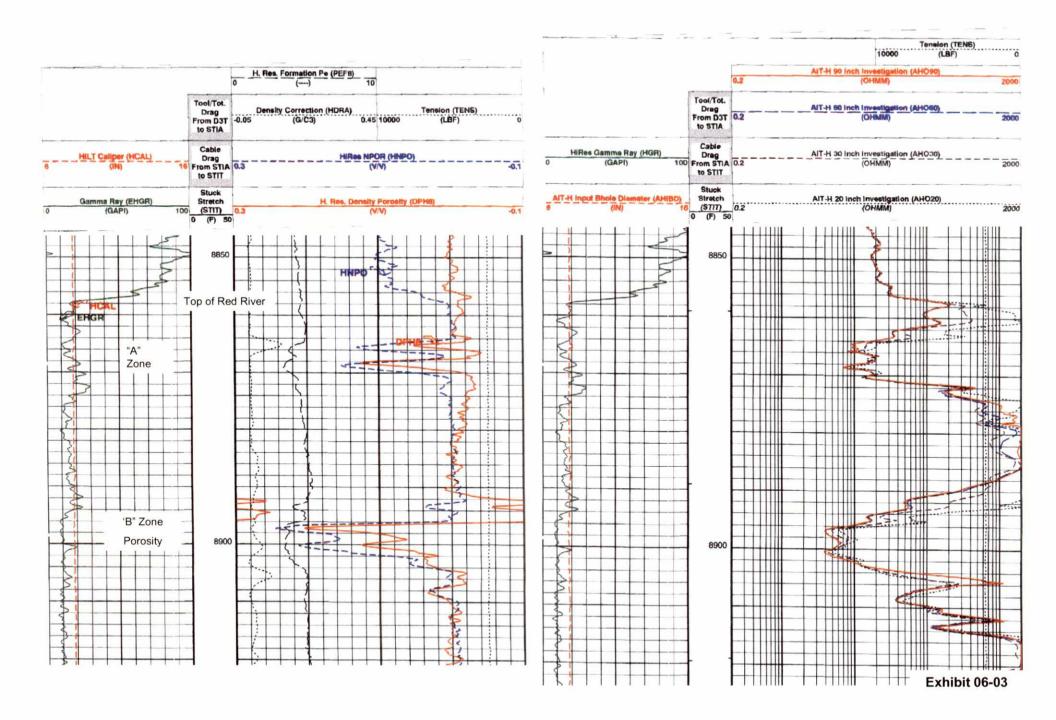
Schlumberger – Platform Express Compensated Neutron – Three Detector Density Log



Schlumberger Platform Express Compensated Neutron - 3 Detector Density (High Resolution Pass)

Luff Explore Company Janvri, 32H NE SE, Sec. 32, T23N, R5E K.B. 2,992 ft.

Schlumberger Platform Expre Array Induction (High Resolution Pass)



Schlumberger Platform Express Compensated Neutron - 3 Detector Density (High Resolution Pass)

Luff Explora Company .-5 Trave NE SW, Sec. 32, T22N, R5E K.B. 3.010 ft.

0

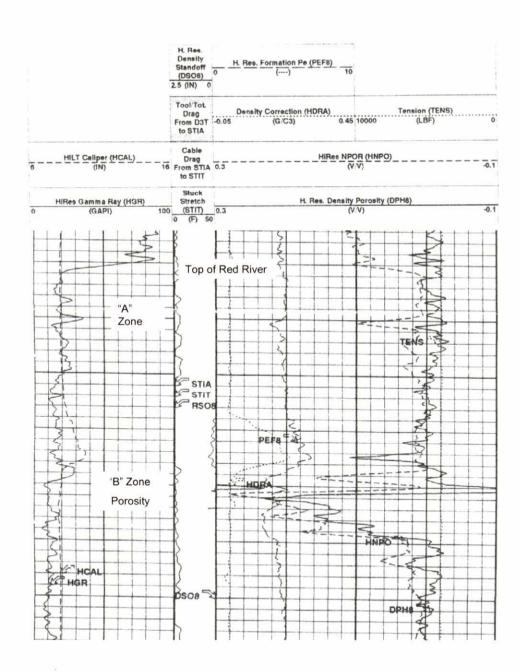
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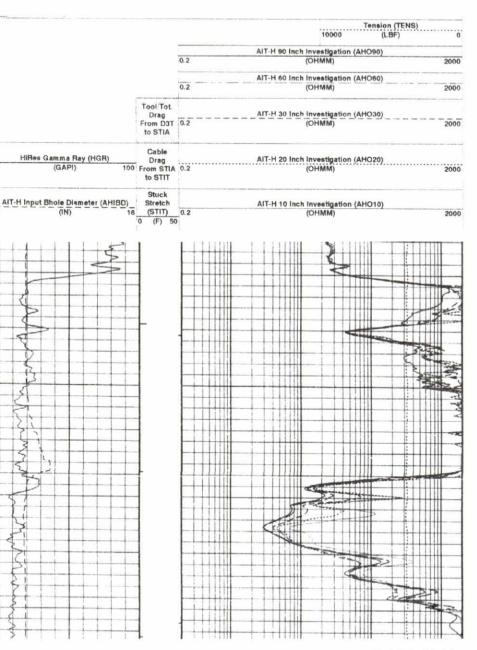
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Schlumberger Platform Expre Array Induction (High Resolution Pass)





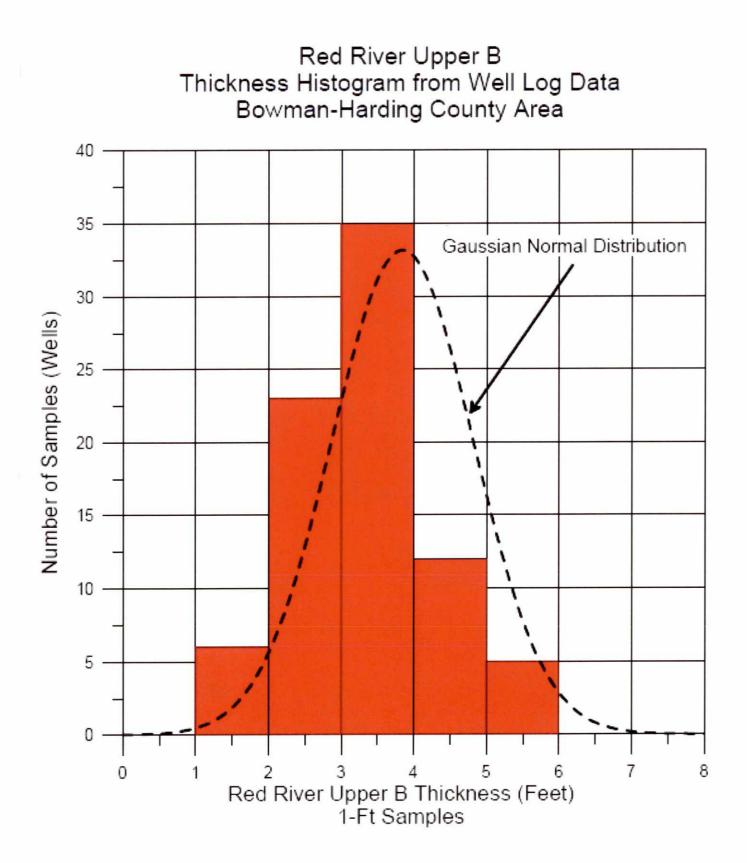


Exhibit 06-05. Histogram for Thickness of Red River Upper B using well-log data from 80 wells in Bowman-Harding Area.

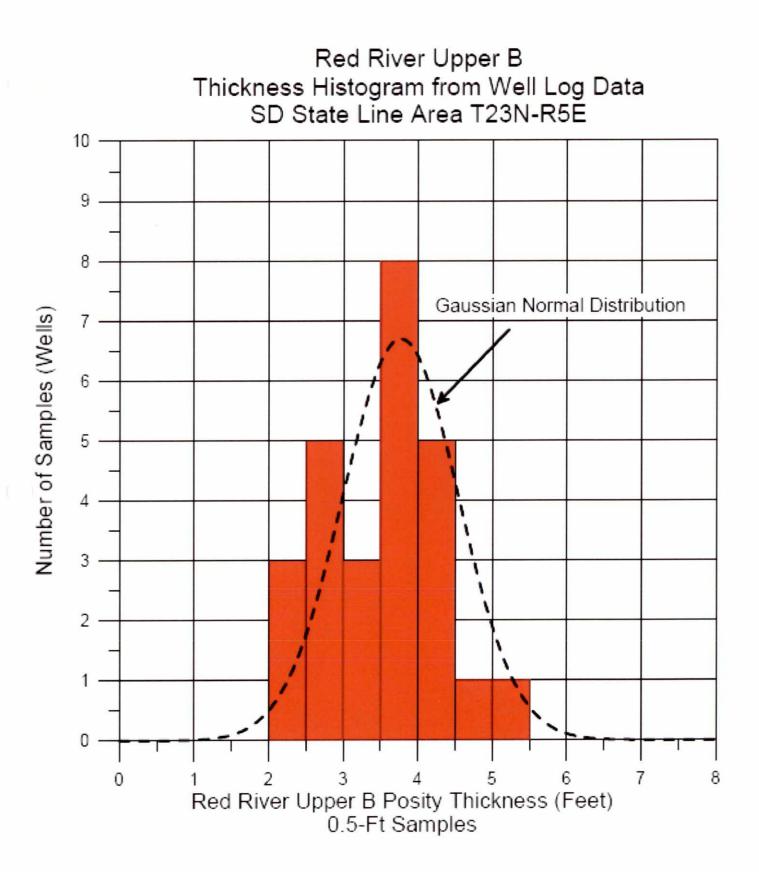


Exhibit 06-06. Histogram for Thickness of Red River Upper B using well-log data from 26 wells in SD-SLRRU Area.

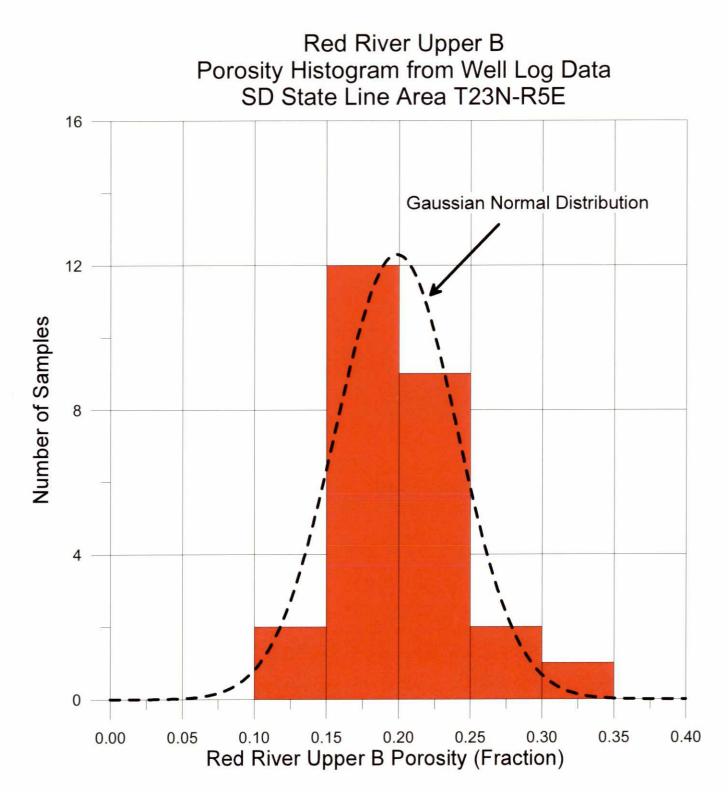
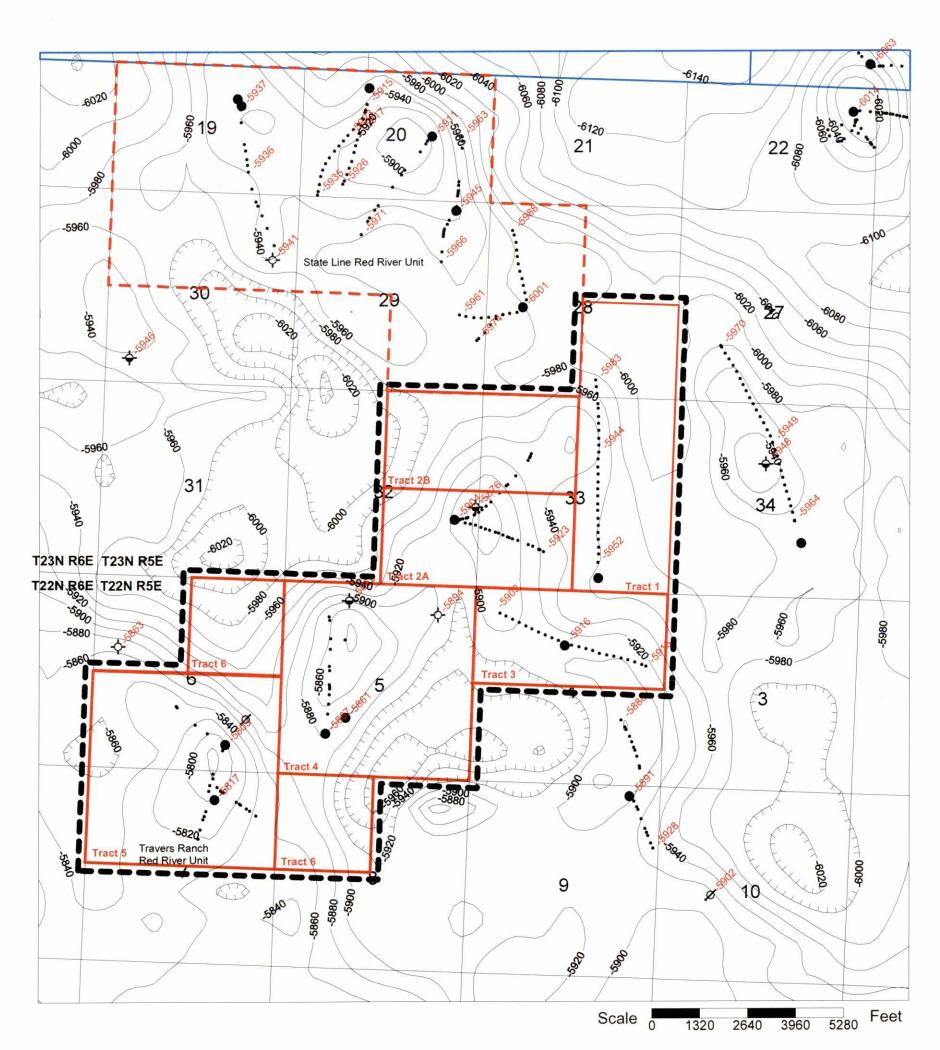
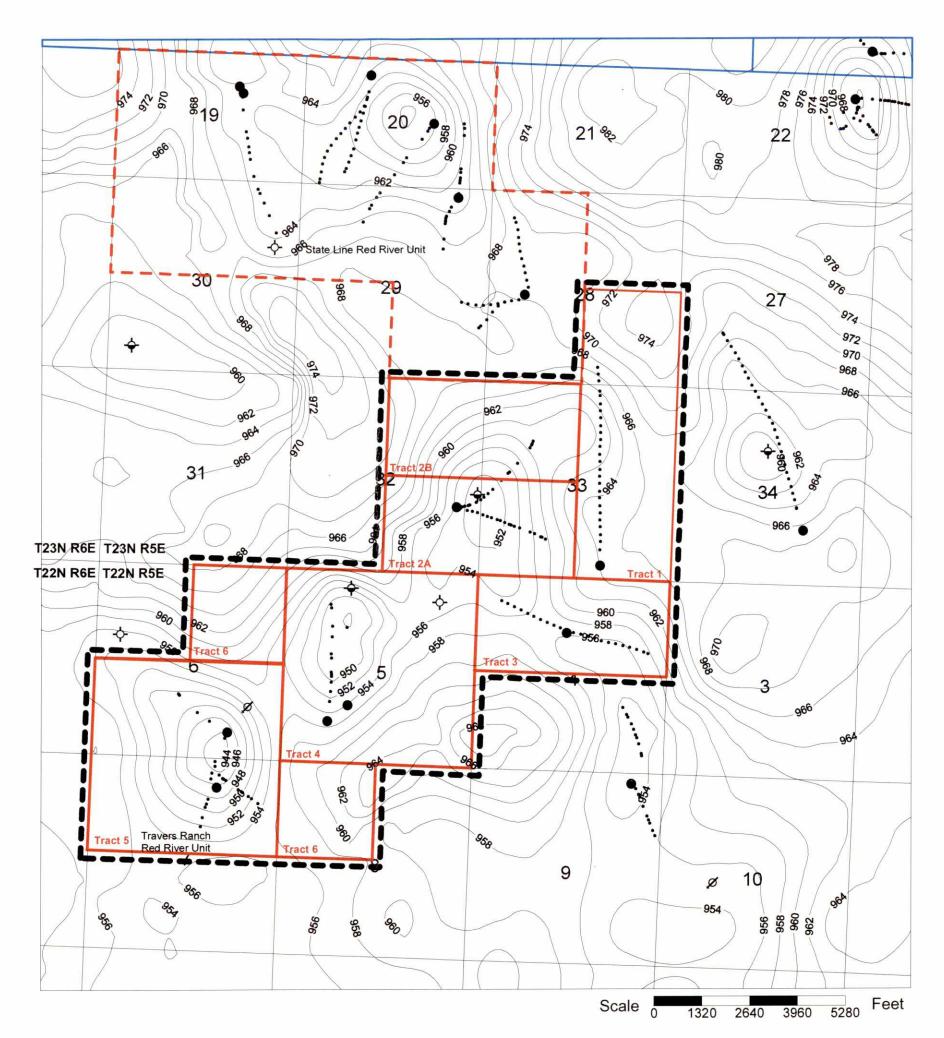


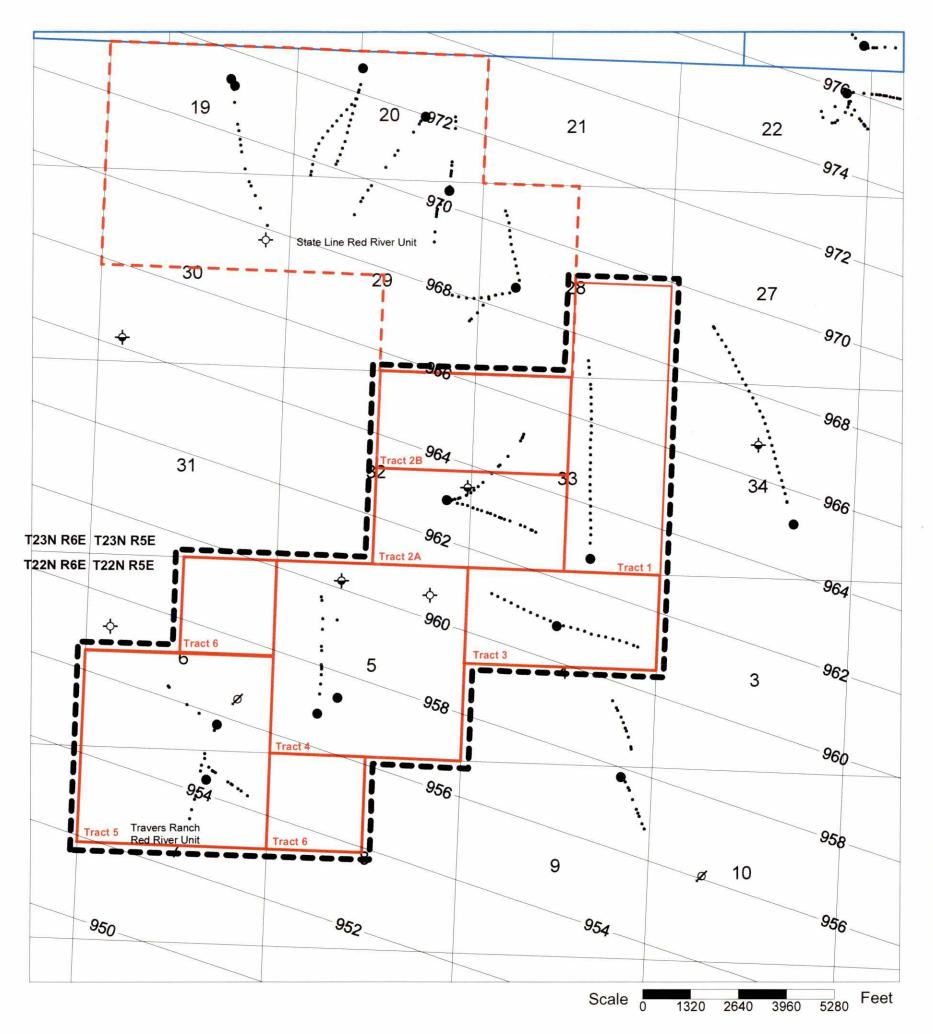
Exhibit 06-07. Histogram for Peak Porosity in Red River Upper B using well-log data from 26 wells in SD-SLRRU Area.



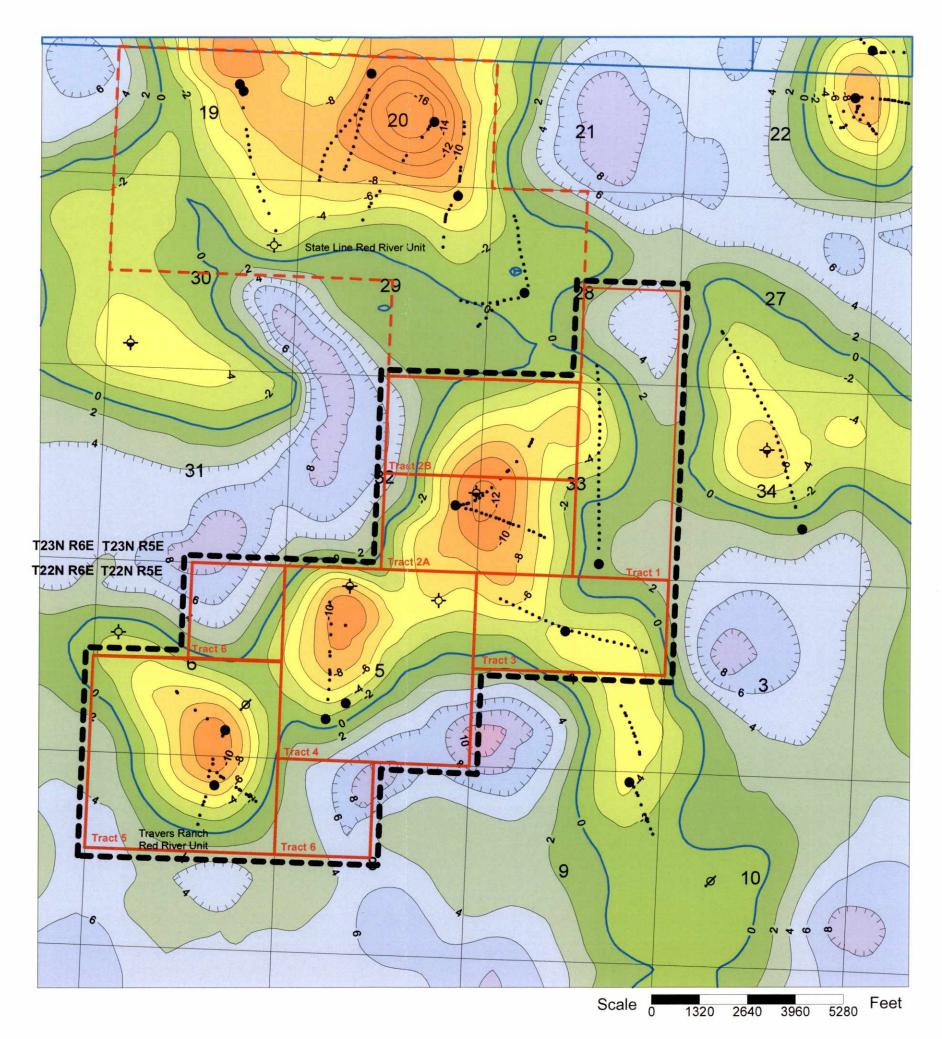
Travers Ranch Red River Unit Harding County, South Dakota Structure Map of Red River B Porosity Calculated from Seismic and Well Data CI = 20 Feet Prepared by Mark Sippel Exhibit 07-01 Subsurface Mapping



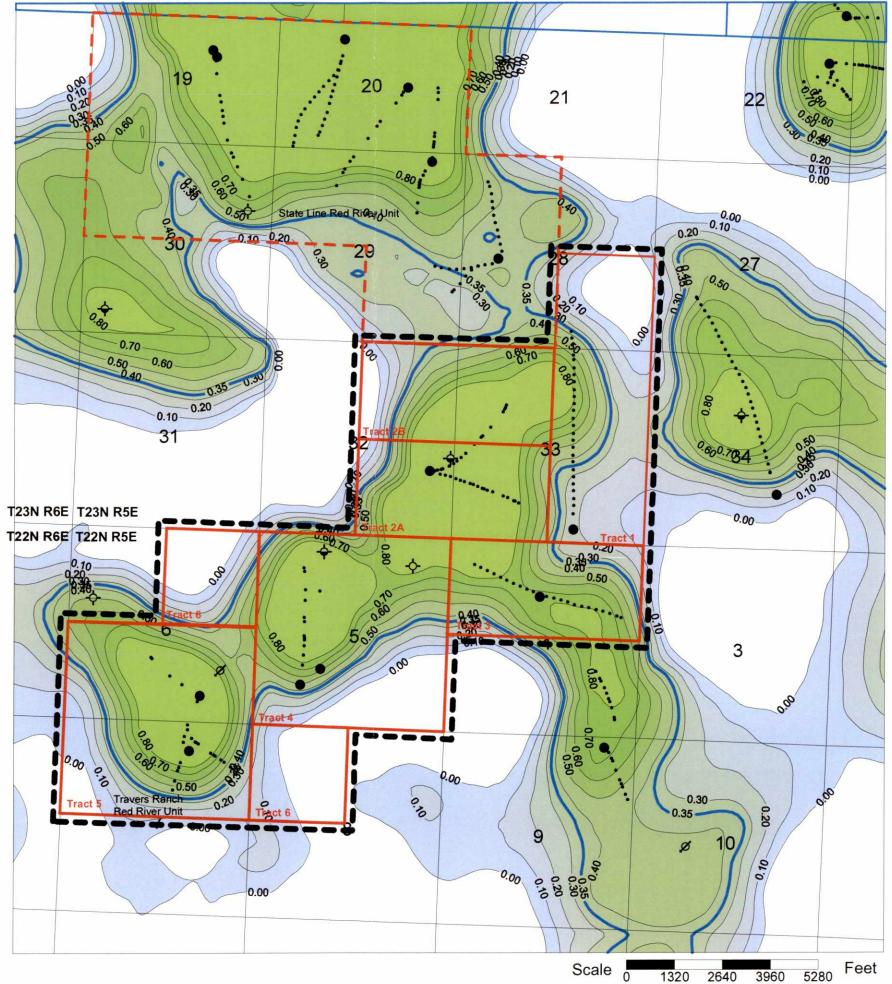
Travers Ranch Red River Unit Harding County, South Dakota Seismic Isotime of Niobrara to Red River Horizons CI = 2 msec Prepared by Mark Sippel Exhibit 07-02 Subsurface Mapping



Travers Ranch Red River Unit Harding County, South Dakota Seismic Isotime Planar Trend of Niobrara to Red River Horizons CI = 2 msec Prepared by Mark Sippel Exhibit 07-03 Subsurface Mapping



Travers Ranch Red River Unit Harding County, South Dakota Seismic Isotime Residual Surface of Niobrara to Red River Horizons CI = 2 msec Prepared by Mark Sippel Exhibit 07-04 Subsurface Mapping

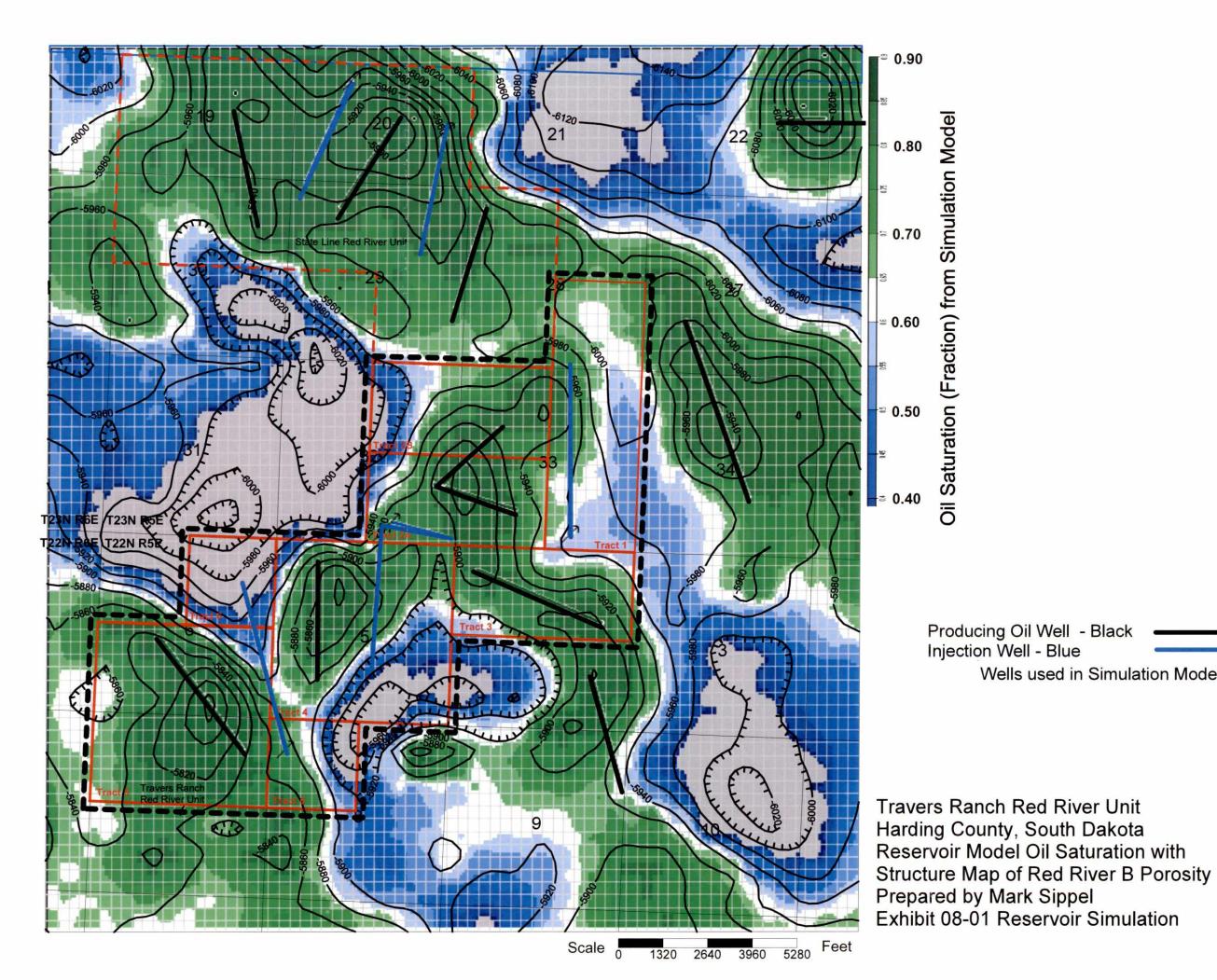


Minimum Mobile Oil Saturation 0.35 fraction

Travers Ranch Red River Unit Harding County, South Dakota Oil Saturation Construction from Seismic Isotime Residual Surface of Niobrara to Red River Horizons CI = 0.10 fraction of pore volume Prepared by Mark Sippel Exhibit 07-05 Subsurface Mapping

	Covered Area acre			Rounded
Tract ID	So = 0.35 fraction	Total Oil ST-BBL	Mobile Oil ST-BBL	Mobile Oil ST-MB
Tract 1	123.9	476,252	103,776	103.8
Tract 2A	296.1	861,262	444,466	444.5
Tract 2B	244.3	732,621	339,152	339.2
Tract 3	264.0	712,607	307,838	307.8
Tract 4	413.1	1,162,292	530,664	530.7
Tract 5	440.7	1,200,203	494,352	494.4
Tract 6	27.8	123,977	18,614	18.6
Sum Tracts	1809.9	5,269,215	2,238,861	2,238.9

Acre = 43,560 sq ft Thickness OrrB = 3 feet Porosity OrrB = 0.20 fraction Barrel = 5.615 cu ft Stock-Tank Barrel = 1.30 Reservoir Barrels



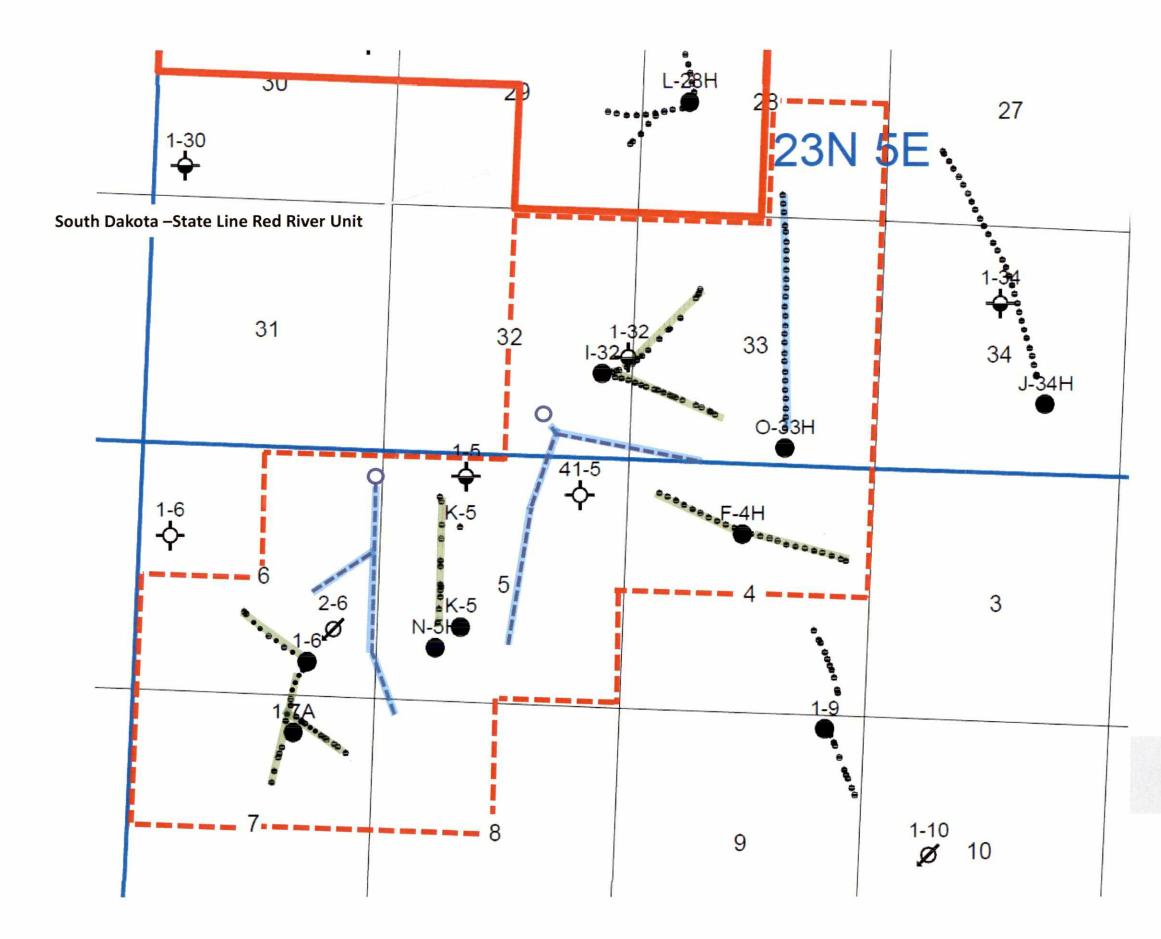
Wells used in Simulation Model

Reservoir Simulation Travers Ranch Red River Unit Harding County, South Dakota By Mark Sippel

Prediction of oil recovery from the Red River B reservoir at the Travers Ranch Unit is from a black-oil model using Merlin reservoir simulation software.

- Both primary recovery and secondary recovery (via water-flooding) were evaluated.
- The simulation model is isotropic for values of porosity and permeability.
- Oil saturation does vary based on structural trapping surface that was constructed from the residual seismic map.
- The time-frame of production history matching is from 1976 through 2011.
- Forward modeling predictions are from 2012 through 2032.
- The model is constructed with porosity of 20 percent and a thickness of 3 feet.
- Reservoir permeability in the model is 8 milli-darcy.
- Recovery by water displacement is calculated in the simulation model using a mobile oil-saturation window from 0.35 to 0.80 fraction of pore volume.
- Water injection rates were set at 1,500 BBLS/Day combined for the three injection wells in the model. Water injection in the model starts on January 1, 2013 for each of the three injection wells.
- The final oil recovery from the Travers Unit wells is predicted to be 1,441,000 stock-tank barrels as of January 1, 2033.
- Peak oil production response from the model of 9,800 BBL/Month occurs on October 1, 2015.

Monthly curves for the model output for primary recovery and for secondary recovery (via water-flooding) are presented in Section 9.



Horizontal producer

Horizontal injector

Proposed Plan of Development Proposed Travers Ranch Red River Unit Harding County, South Dakota

Proposed Travers Ranch Red River Unit Various Fields

Harding County, South Dakota

Revised - May 2012

		2012 (\$M)	2013 (\$M)	2014 (\$M)	Total (\$M)
TRRRU O-32H					
New well - medium-radios & co-planar	Drill & Equip medium-radius well	\$4,000			\$4,000
(excluding surface facilities, tubing and A	.L. equipment)				
TRRRU D-5H (or A-6H)					
New well - medium-radius	Drill & Equip medium-radius well		\$3,100		\$3,100
(excluding surface facilities)					
Water Supply	Fee to Luff Water system for water access	200			200
Central Injection Facility w/ automation Central Tank Battery w/ automation Highway bore					
Various buried lines (flow lines, high pres	ssure water, low pressure water transfer)	400	510		910
Janvrin O-33H	Convert to WIW	150			150
		100			100
TRRRU O-32H	Convert to WIW		150		150
TRRRU D-5H (or A-6H)	Convert to WIW			150	150
Janvrin I-32H & Laurel Foust F-4H	Connect to central battery		100		100
LACT			60		60
Pre-unitization costs (hearings, modeling	, etc.)	50			50
Misc.		100	100	200	400
	203	\$4,900	\$4,020	\$350	\$9,270 \$9,270

\$9.3 million was used for the incremental economics

Exhibit 09-02



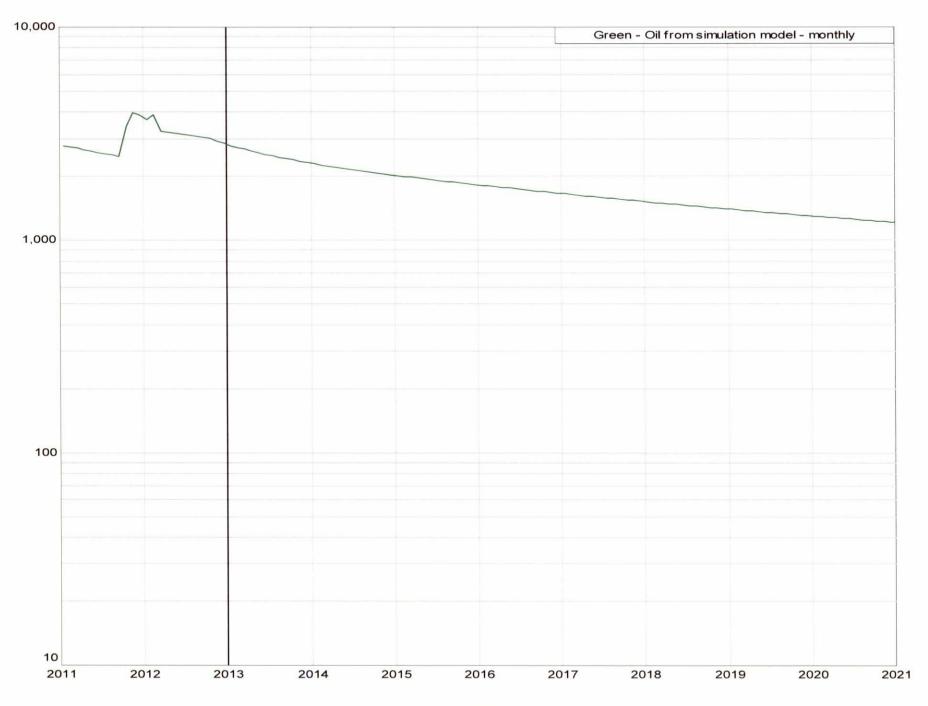


Exhibit 09-03

TRRRU - WF Case 1 - \VERS RANCH - TRRRU

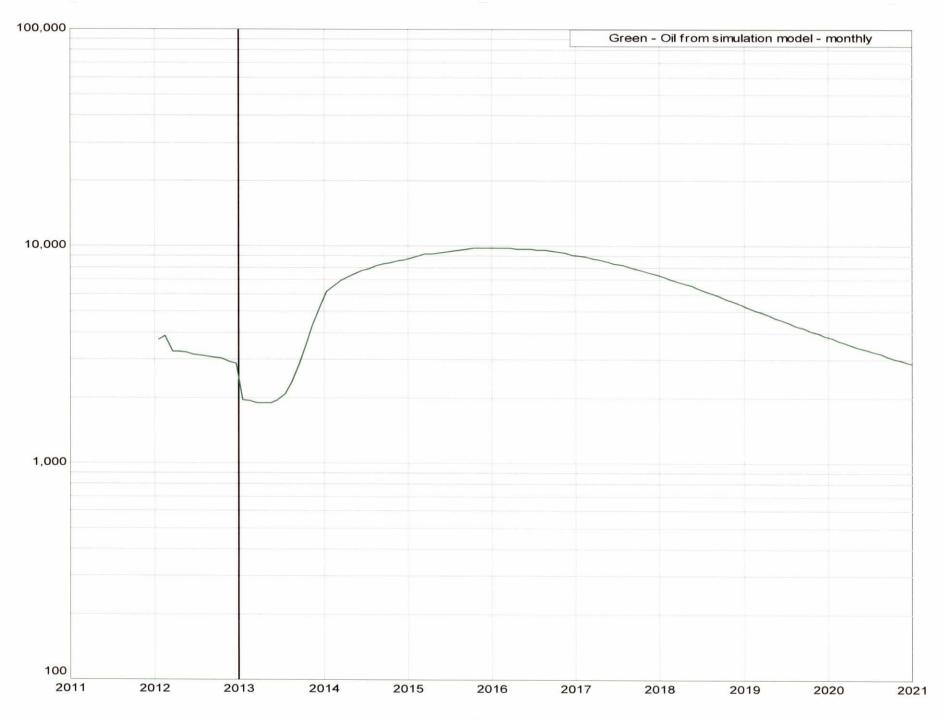


Exhibit 09-04

Proposed Travers Ranch Red River Unit Various Fields Harding County, South Dakota

Water Flood Case (Reservoir Simulation by MAS) minus Primary Recovery Case (Reservoir Simulation by MAS) 15-Year Period

Oil Price Case NYMEX	8/8ths Incremental Reserves From Economics (MBBLS)	8/8ths Investment (\$M)	Model Start Date	Payout Date	Payout (Years)	PV-0% / Investment (Undiscounted Return on Invest.)	PV-10% / Investment (Discounted Return on Invest.)	Calc. ROR	Net increm. Oil & Gas Reserves (MBOE)	Dev. Cost (\$/BOE)
Waterflood Case m	inus Primary Case (15	5 year period):								
\$90/BBL flat	511	\$9,300	Jan-13	Jan-16	3.0	2.85 / 1	1.96 / 1	33%	424	\$21.93
\$95/BBL flat	511	\$9,300	Jan-13	Dec-15	2.9	3.07 / 1	2.11 / 1	36%	424	\$21.93

Notes

o Start date in model was 1/1/2013; actual start date of work will commence Summer 2012.

o For simplicity, capital is assumed to be spent all at once, and that water injection starts at the same time

o Actual timing of capital expenditures will be spread out

o Assumed wellhead price differential (from NYMEX) is minus \$10.00/BBL (blend of pipeline and trucked barrels)

o LOE for Primary Case is \$38M per month (5 wells under primary recovery)

o LOE for WF Case is \$70M per month (7 wells under secondary recovery)

o NRI used was 83% to 8/8ths working interest

South Dakota Red River Units

Unit Name	Pool Unitized		Effective Date	Unit Case#	Ratification Case#	Unit Petitioner
Buffalo Red River Unit	Red River					Koch Oil
South Buffalo Red River Unit	Red River					Koch Oil
West Buffalo Red River Unit	Red River					Koch Oil
West Buffalo "B" Red River Unit	Red River					Apache Corp
North Buffalo Red River Unit	Red River		June 1, 1999			Luff Exploration
East Harding Springs Red River Unit	Red River "B"	1	June 1, 2003			Luff Exploration
Central Buffalo Red River Unit	Red River					Prima Exploration
South Dakota - State Line Red River Unit	Red River "B"	1	August 1, 2008			Luff Exploration
Pete's Creek Red River Unit	Red River "B"	1	November 1, 2009			Luff Exploration

1 Gunton down to "C" marker

North Buffalo Red River Unit was expanded - last effective date was February 1, 2005 East Harding Springs Red River Unit was expanded - last effective date was June 1, 2010

RDG 5/21/2012

South Dakota Red River Units Phase I

Unit Name	Pool Unitized		P1- surface acres	P1- Productive area (acres)	P1- remaining primary	P1- current oil rate	P1- HCPV (OOIP)	P1- cum oil prod	P1- usable wells	
Buffalo Red River Unit	Red River			25.0%		75.0%				100.0%
South Buffalo Red River Unit	Red River			25.0%		75.0%				100.0%
West Buffalo Red River Unit	Red River			2.5%	15.0%	80.0%	2.5%			100.0%
West Buffalo "B" Red River Unit	Red River				45.0%	45.0%	10.0%			100.0%
North Buffalo Red River Unit	Red River				20.0%	70.0%		10.0%		100.0%
East Harding Springs Red River Unit	Red River "B"	1	10.0%		15.0%	75.0%				100.0%
Central Buffalo Red River Unit			15.0%			85.0%				100.0%
South Dakota - State Line Red River Unit	Red River "B"	1			50.0%	50.0%				100.0%
Pete's Creek Red River Unit	Red River "B"	1			50.0%	50.0%				100.0%

1 Gunton down to "C" marker

North Buffalo Red River Unit was expanded

East Harding Springs Red River Unit was expanded

Central Buffalo Red River Unit values from SD Case 12-2004 exhibits (will confirm with SD-DENR that there were no changes)

South Dakota Red River Units Phase II

Unit Name	Pool Unitized	P2- surface acres	P2- Productive area (acres)	P2- primary EUR	P2- remaining primary	P2- Peak oil rate	P2- HCPV (OOIP)	P2- Moveable OOIP	P2- cum oil prod	P2- cum oil cut	
Buffalo Red River Unit	Red River		50.0%						50.0%		100.0%
South Buffalo Red River Unit	Red River		50.0%						50.0%		100.0%
West Buffalo Red River Unit	Red River			75.0%	10.0%		15.0%				100.0%
West Buffalo "B" Red River Unit	Red River			50.0%			50.0%				100.0%
North Buffalo Red River Unit	Red River			50.0%		50.0%					100.0%
East Harding Springs Red River Unit	Red River "B"			50.0%				50.0%			100.0%
Central Buffalo Red River Unit		30.0%		35.0%						35.0%	100.0%
South Dakota - State Line Red River Unit	Red River "B"			70.0%				30.0%			100.0%
Pete's Creek Red River Unit	Red River "B"			70.0%				30.0%			100.0%

North Buffalo Red River Unit was expanded

East Harding Springs Red River Unit was expanded

Central Buffalo Red River Unit values from SD Case 12-2004 exhibits (will confirm with SD-DENR that there were no changes)

(Cumulative oil cut values were given to exterior undeveloped tracts)

Proposed Travers Ranch Red River Unit Various fields Harding County, South Dakota

Phase I

48%	Current Rate	6 month average ending April 2012 for older wells 3 month average for new horizontal well (using monthly production and days on)
4%	Surface Acres	
48%	Remaining Reser	rves - Primary Recovery

Phase II

68%	Estimated Ultimate Recovery (EUR) - Primary Recovery						
28%	Movable (Mobile) OOIP						
4%	Surface Acres						

Notes

Conversion to Phase II will occur when total value of Remaing Reserves, measured from May 1, 2012, is recovered from total unit.

Color coding ties to tables in related tab sections

UNIT AGREEMENT

TRAVERS RANCH RED RIVER UNIT AREA

HARDING COUNTY, SOUTH DAKOTA

THIS AGREEMENT, entered into as of the 11th day of May, 2012, by the parties who have signed the original of this instrument, a counterpart thereof, or other instrument agreeing to become a Person hereto,

WITNESSETH:

WHEREAS, in the interest of the public welfare and to promote conservation and increase the ultimate recovery of Unitized Substances from a portion of the Travers Ranch, State Line and Yellow Hair Fields in Harding County, South Dakota, and to protect the rights of the owners of interests therein, it is deemed necessary and desirable to enter into this Agreement to unitize the Oil and Gas Rights in and to the Unitized Formation in order to conduct Unit Operations as herein provided, pursuant to SDCL 45-9-37 *et seq*.

NOW, THEREFORE, in consideration of the premises and of the mutual agreements herein contained, it is agreed as follows:

ARTICLE 1

DEFINITIONS

As used in this Agreement:

1.1 <u>Unit Area</u> is the land described by Tracts in Exhibit "B" and shown on Exhibit "A" as to which this Agreement becomes effective or to which it may be extended as herein provided.

1.2 <u>Unitized Formation</u> shall mean the stratigraphic interval from the top of the Gunton member of the Stony Mountain Formation, found at a depth of 8,730 feet below the Kelly Bushing as identified by the Schlumberger Platform Express Compensated Neutron – 3 Detector Density Log run in the vertical portion of the Janvrin I-32H well located in the NE¼SE¼ of Section 32, Township 23 North, Range 4 East, Harding County, South Dakota and to include all principal zones down to the Red River "C" zone marker, found at a depth of 8,938 feet below the Kelly Bushing as identified by the same log.

1.3 <u>Unitized Substances</u> are all oil, gas, gaseous substances, sulfur contained in gas, condensate, distillate, and all associated and constituent liquid or liquefiable hydrocarbons other than Outside Substances within or produced from the Unitized Formation.

1.4 <u>Working Interest</u> is an interest in Unitized Substances by virtue of a lease, operating agreement, fee title or otherwise, including a carried interest, the owner of which interest is obligated to pay, either in cash or out of production or otherwise, a portion of the Unit Expense; however, Oil and Gas Rights that are free of lease or other instrument creating a Working Interest shall be regarded as a Working Interest to the extent of seven-eighths (7/8) thereof and a Royalty Interest to the extent of the remaining one-eighth (1/8) thereof. A Royalty Interest created out of a Working Interest subsequent to the execution of this Agreement by the owner of such Working Interest shall continue to be subject to such Working Interest burdens and obligations that are stated in this Agreement and the Unit Operating Agreement and any interest in Unitized Substances which subsequently becomes a Working Interest shall thereafter be treated as a working interest hereunder.

1.5 <u>Royalty Interest</u> is a right to or interest in any portion of the Unitized Substances or proceeds thereof other than a Working Interest.

- 1.6 Royalty Owner is a Person hereto who owns a Royalty Interest.
- 1.7 Working Interest Owner is a Person hereto who owns a Working Interest.
- 1.8 <u>Tract</u> is the land described as such and given a Tract number in Exhibit "B."

1.9 <u>Unit Operating Agreement</u> is the agreement entered into by Working Interest Owners, having the same Effective date as this Agreement, entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota."

1.10 <u>Unit Operator</u> is the party designated by Working Interest Owners under the Unit Operating Agreement to conduct Unit Operations, acting as operator and not as a Working Interest Owner.

1.11 Tract Participation is the percentage shown on Exhibit "C" for allocating Unitized Substances to a Tract.

1.12 <u>Unit Participation</u> of a Working Interest Owner is the sum of the percentages obtained by multiplying the Working Interest of such Working Interest Owner in each Tract that qualifies for inclusion within the Unit Area by the Tract Participation of such Tract.

1.13 <u>Outside Substances</u> are substances purchased or otherwise obtained for a consideration by Working Interest Owners and injected into the Unitized Formation.

1.14 <u>Oil and Gas Rights</u> are the rights to explore, develop, and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.

1.15 <u>Unit Operations</u> are all operations conducted pursuant to this Agreement and the Unit Operating Agreement.

1.16 <u>Unit Equipment</u> is all personal property, lease and well equipment, plants and other facilities and equipment taken over or otherwise acquired for the joint account for use in Unit Operations.

1.17 <u>Unit Expense</u> is all costs, expense or indebtedness incurred by Working Interest Owners or Unit Operator pursuant to this Agreement and the Unit Operating Agreement for or on account of Unit Operations.

1.18 Effective Date is the time and date this Agreement becomes effective as provided in Article 15.

1.19 <u>Person</u> is any individual, corporation, company, partnership, association, receiver, trustee, curator, executor, administrator, guardian, tutor, fiduciary, or other representative of any kind, any department, agency, or instrumentality of the state, or any governmental subdivision thereof, or any other entity capable of holding an interest in the Unit Area.

ARTICLE 2

EXHIBITS

2.1 Exhibits. The following exhibits, which are attached hereto, are incorporated herein by reference:

2.1.1 Exhibit "A" is a map that shows the boundary lines of the Travers Ranch Red River Unit Area and the Tracts therein.

2.1.2 Exhibit "B" is a schedule that describes each Tract in the Travers Ranch Red River Unit Area and the ownership thereof.

2.1.3 Exhibit "C" is a schedule that shows the Tract Participation of each Tract.

2.1.4 Exhibit "D" is a schedule showing the total Unit Participation of each Person.

2.2 <u>Reference to Exhibits</u>. When reference is made to an exhibit, it is to the exhibit as originally attached or, if revised, to the last revision.

2.3 <u>Exhibits Considered Correct</u>. Exhibits "A," "B," "C" and "D" shall be considered to be correct until revised as herein provided.

2.4 <u>Correcting Errors</u>. The shapes and descriptions of the respective Tracts have been established by using the best information available. If it subsequently appears that any Tract, because of diverse royalty or working interest ownership on the

Effective Date, should have been divided into more than one Tract, or that any mechanical miscalculation or clerical error has been made, Unit Operator, with the approval of Working Interest Owners, shall correct the mistake by revising the exhibits to conform to the facts. The revision shall not include any re-evaluation of engineering or geological interpretations used in determining Tract Participation. Each such revision of an exhibit made prior to thirty (30) days after the Effective Date shall be effective as of the Effective Date. Each such revision thereafter made shall be effective at 7:00 A.M. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by Working Interest Owners and set forth in the revised exhibit.

2.5 <u>Filing Revised Exhibits</u>. If an exhibit is revised, Unit Operator shall execute an appropriate instrument with the revised exhibit attached and file the same for record in the county or counties in which this Agreement is filed. Copies of revised exhibits will also be furnished to the South Dakota Board of Minerals and Environment.

ARTICLE 3

CREATION AND EFFECT OF UNIT

3.1 <u>Oil and Gas Rights Unitized</u>. All Oil and Gas Rights of Royalty Owners in and to the lands described in Exhibit "B," and all Oil and Gas Rights of Working Interest Owners in and to said lands, are hereby unitized insofar as the respective Oil and Gas Rights pertain to the Unitized Formation, so that Unit Operations may be conducted with respect to the Unitized Formation as if the Unit Area had been included in a single lease executed by all Royalty Owners, as lessors, in favor of all Working Interest Owners, as lessees, and as if the lease contained all of the provisions of this Agreement.

3.2 <u>Personal Property Excepted</u>. All lease and well equipment, materials and other facilities heretofore or hereafter placed by any Working Interest Owners on the lands covered hereby shall be deemed to be and shall remain personal property belonging to and may be removed by Working Interest Owners. The rights and interests therein as among Working Interest Owners are set forth in the Unit Operating Agreement.

3.3 <u>Amendment of Leases and Other Agreements</u>. The provisions of the various leases, agreements, division and transfer orders, or other instruments pertaining to the respective Tracts or the production therefrom are amended to the extent necessary to make them conform to the provisions of this Agreement, but otherwise shall remain in effect.

3.4 <u>Continuation of Leases and Term Interests</u>. Production from any part of the Unitized Formation, except for the purpose of determining payments to Royalty Owners, or other Unit Operations shall be considered as production from or operations upon each Tract, and such production or operations shall continue in effect each lease or term mineral or royalty interest as to all lands and formations covered thereby just as if such operations were conducted on and as if a well were producing from each Tract.

3.5 <u>Titles Unaffected by Unitization</u>. Nothing herein shall be construed to result in the transfer of title to Oil and Gas Rights by any Person hereto to any other Person or to Unit Operator.

3.6 <u>Injection Rights</u>. Royalty Owners hereby grant Working Interest Owners the right to inject into the Unitized Formation any substances in whatever amounts Working Interest Owners deem expedient for Unit Operations, together with the right to drill, use and maintain injection wells on the Unit Area, and to use for injection purposes any nonproducing or abandoned wells or dry holes, and any producing wells completed in the Unitized Formations.

3.7 <u>Development Obligation</u>. Nothing herein shall relieve Working Interest Owners from any obligation to develop reasonably as a whole the lands and leases committed hereto.

3.8 <u>Agreements</u>. Unit Operator may, after approval by Working Interest Owners pursuant to Article 4.3 of the Unit Operating Agreement, enter into agreements with respect to lands adjacent to the Unit Area for the purpose of coordinating operations.

ARTICLE 4

UNIT OPERATIONS

4.1 <u>Unit Operator</u>. Working Interest Owners are concurrently herewith entering into the Unit Operating Agreement, designating Luff Exploration Company as the initial Unit Operator. Unit Operator shall have the exclusive right to conduct Unit Operations, which shall conform to the provisions of this Agreement and the Unit Operating Agreement. If there is any conflict between such agreements, this Agreement shall govern.

4.2 <u>Method of Operation</u>. To the end that the quantity of Unitized Substances ultimately recoverable may be increased and waste prevented, Working Interest Owners shall, with diligence and in accordance with good engineering and production practices, engage in secondary recovery operations by injecting gas, water or other fluids or combinations thereof deemed necessary or desirable to efficiently and economically increase the ultimate recovery of Unitized Substances.

4.3 <u>Change of Method of Operation</u>. Nothing herein shall prevent Working Interest Owners from discontinuing or changing in whole or in part any method of operation which, in their opinion, is no longer in accord with good engineering or production practices. Other methods of operation may be conducted or changes may be made by Working Interest Owners and approved by the South Dakota Board of Minerals and Environment from time to time, if determined by them to be feasible, necessary or desirable to increase the ultimate recovery of Unitized Substances.

ARTICLE 5

TRACT PARTICIPATIONS

5.1 <u>Tract Participations</u>. The Tract Participation of each Tract is shown in Exhibit "C." The Tract Participation of each Tract has been determined on the following basis:

Phase I: 48% Current Oil Production Rate (three month average daily oil on wells with less than one year of production history and six month average daily oil on all others, ending April 30, 2012)
 48% Remaining Primary Oil Reserves (as of May 1, 2012)

4% Surface Acres

Phase II:

- 68% Estimated Ultimate Recovery Primary
 - 28% Movable Red River "B" Zone Oil in Place
 - 4% Surface Acres

Conversion from Phase I Tract Participations to Phase II Tract Participations will occur at 7:00 a.m. on the first day of the month following the time the cumulative oil production from the Unitized Formation, from and after 7:00 a.m. on May 1, 2012, equals 332,200 barrels.

5.2 <u>Relative Tract Participations</u>. If the Unit Area is enlarged or reduced, the revised Tract Participations of the Tracts remaining in the Unit Area and which were within the Unit Area prior to the enlargement or reduction shall remain in the same ratio one to another.

ARTICLE 6

ALLOCATION OF UNITIZED SUBSTANCES

6.1 <u>Allocation of Tracts</u>. All Unitized Substances produced and saved shall be allocated to the several Tracts in accordance with the respective Tract Participations effective during the period that the Unitized Substances were produced. The amount of Unitized Substances allocated to each tract, regardless of whether the amount is more or less than the actual production of Unitized Substances from the well or wells, if any, on such Tract, shall be deemed for all purposes to have been produced from such Tract.

6.2 <u>Distribution within Tracts</u>. The Unitized Substances allocated to each Tract shall be distributed among, or accounted for to, the Persons entitled to share in the production from such Tract in the same manner, in the same proportions, and

upon the same conditions as they would have participated and shared in the production from such tract, or in the proceeds thereof, had this Agreement not been entered into, and with the same legal effect. If any Oil and Gas Rights in a tract hereafter become divided and owned in severalty as to different parts of the Tract, the owners of the divided interests, in the absence of an agreement providing for a different division, shall share in the Unitized Substances allocated to the Tract, or in the proceeds thereof, in proportion to the surface acreage of their respective parts of the Tract. Any royalty or other payment which depends upon per well production or pipeline runs from a well or wells on a Tract shall, after the Effective Date, be determined by dividing the Unitized Substances allocated to the Tract by the number of wells on the Tract capable of producing Unitized Substances on the Effective Date; however, if any tract has no well thereon capable of producing Unitized Substances on the Effective Date, the tract shall, for the purpose of this determination, be deemed to have one such well thereon.

6.3 <u>Taking Unitized Substances in Kind</u>. The Unitized Substances allocated to each Tract shall be delivered in kind to the respective Persons entitled thereto by virtue of the ownership of Oil and Gas rights therein or by purchase from such owners. Such Persons shall have the right to construct, maintain and operate within the Unit Area all necessary facilities for that purpose, provided they are so constructed, maintained and operated as not to interfere with Unit Operations. Any extra expenditures incurred by Unit Operator by reason of the delivery in kind of any portion of Unitized Substances shall be borne by the owners of such portion. If a Royalty Owner has the right to take in kind a share of Unitized Substances and fails to do so, the Working Interest is subject to such Royalty Interest shall be entitled to take in kind such share of Unitized Substances.

6.4 <u>Failure to Take in Kind</u>. If any Person fails to take in kind or separately dispose of such Person's share of Unitized Substances, Unit Operator shall have the right, but not the obligation, for the time being and subject to revocation at will by the Person owning the share, to purchase or sell to others such share; however, all contracts of sale by Unit Operator of any other Person's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year. The proceeds of the Unitized Substances so disposed of by Unit Operator shall be paid to the Working Interest Owners of each affected Tract or a person designated by such Working Interest Owners who shall distribute such proceeds to the Persons entitled thereto. Notwithstanding the foregoing, Unit Operator shall not make a sale into interstate commerce of any other Person's share of gas production without first giving such other party sixty (60) days notice of such intended sale.

6.5 <u>Responsibility for Royalty Settlements</u>. Any Person receiving in kind or separately disposing of all or part of the Unitized Substances allocated to any Tract shall be responsible for the payment of all royalties, overriding royalties, production payments and all other payments chargeable against or payable out of such Unitized Substances, and shall indemnify all Persons hereto, including Unit Operator, against any liability for such payment.

6.6 <u>Royalty on Outside Substances</u>. No Payment shall be due or payable to Royalty Owners on substances produced from the Unitized Formation that are deemed to be Outside Substances. If any Outside Substance consisting of gases is injected into the Unitized Formation, one hundred percent (100%) of any like substance contained in Unitized Substances subsequently produced and sold, or used for other than Unit Operations, shall be deemed to be a part of the Outside Substance so injected until the total volume deemed to be such Outside Substance equals the total volume of such Outside Substance so injected. If any Outside Substance which prior to injection is liquefied petroleum gas or other liquid hydrocarbon is injected into the Unitized Formation, ten percent (10%) of all Unitized Substances produced and sold after one (1) year from the time the injection of such Outside Substance was commenced shall be deemed to be a part of the Outside Substance so injected until the volume of the production deemed to be such Outside Substance equals the total volume of the Substance so injected. Such ten percent (10%) of the Unitized Substance so be outside Substances will be in addition to that which is being recovered for natural gases as herein above provided, if both liquefied petroleum gas or other liquid hydrocarbons and natural gases are injected.

ARTICLE 7

PRODUCTION AS OF THE EFFECTIVE DATE

7.1 <u>Oil or Liquid Hydrocarbons in Lease Tanks</u>. Unit Operator shall gauge or otherwise determine the amount of merchantable oil or other liquid hydrocarbons produced from the Unitized Formation that are in lease and power-oil tanks as of 7:00 A.M. on the Effective Date. Oil or other liquid hydrocarbons in treating vessels, separation equipment, flowlines and tanks below pipeline connections shall not be considered to be merchantable. Any merchantable oil or liquid hydrocarbons that are a part of or attributable to the prior allowable of the wells from which they were produced shall remain the property of the persons entitled thereto as if this Agreement had not been entered into. Any such merchantable oil or other liquid hydrocarbons not

promptly removed may be sold by Unit Operator for the account of the Working Interest Owners entitled thereto who shall pay all royalty due thereon under the provisions of applicable leases or other contracts. Non-merchantable Oil shall be considered Unitized Substances.

ARTICLE 8

USE OR LOSS OF UNITIZED SUBSTANCES

8.1 <u>Use of Unitized Substances</u>. Working Interest Owners may use or consume Unitized Substances for Unit Operations, including but not limited to the injection thereof into the Unitized Formation.

8.2 <u>Royalty Payments</u>. No royalty, overriding royalty or other payments shall be payable on account of Unitized Substances used, unavoidably lost or consumed in Unit Operations.

ARTICLE 9

TITLES

9.1 <u>Warranty and Indemnity</u>. Each Person who, by acceptance of produced Unitized Substances or the proceeds thereof, may claim to own a Working Interest or Royalty Interest in and to any tract or in the Unitized Substances allocated thereto, shall be deemed to have warranted its title to such interest, and, upon receipt of the Unitized Substances or the proceeds thereof to the credit of such interest, shall indemnify and hold harmless all other Persons in interest from any loss due to failure, in whole or in part, of its title to any such interest.

9.2 <u>Working Interest Titles</u>. If Title to a Working Interest fails, the rights and obligations of Working Interest Owners by reason of the failure of title shall be governed by the Unit Operating Agreement.

9.3 <u>Royalty Interest Titles</u>. If title to a Royalty Interest fails, but the Tract to which it relates is not removed from the Unit Area, the party whose title failed shall not be entitled to share hereunder with respect to such interest.

9.4 <u>Production Where Title is in Dispute</u>. If the title or right of any Person claiming the right to receive in kind all or any portion of the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the direction of Working Interest Owners shall either:

(a) require that the Person to whom such Unitized Substances are delivered or to whom the proceeds thereof are paid furnish security for the proper accounting thereof to the rightful owner if the title or right of such Person fails in whole or in part, or

(b) withhold and market the portion of Unitized Substances with respect to which title or right is in dispute and impound without interest the proceeds thereof until such time as the title or right thereto is established by a final judgment of a court of competent jurisdiction or otherwise to the satisfaction of Working Interest Owners, whereupon the proceeds so impounded shall be paid to the Person rightfully entitled thereto.

9.5 Payments of Taxes to Protect Title. The owner of surface rights to lands within the Unit Area, or severed mineral interests or Royalty Interest in such lands, or lands outside the Unit Area on which Unit Equipment is located, is responsible for the payment of any ad valorem taxes on all such rights, interests or property, unless such owner and Working Interest Owners otherwise agree. If any ad valorem taxes are not paid by or for such owner when due, Unit Operator may with approval of the Working Interest Owners at any time prior to tax sale or expiration of period of redemption after tax sale, pay the tax, redeem such rights, interests or property, and discharge the tax lien. Any such payment shall be an item of Unit Expense. Unit Operator shall, if possible, withhold from any proceeds derived from the sale of Unitized Substances otherwise due any delinquent taxpayer an amount sufficient to defray the costs of such payment or redemption, such withholding to be credited to Working Interest Owners. Such withholding shall be without prejudice to any other remedy available to Unit Operator or Working Interest Owners.

9.6 <u>Transfer of Title</u>. Any conveyance of all or any part of any interest owned by a Person with respect to any Tract shall be subject to this Agreement. No change of title shall be binding upon Unit Operator, or upon any Person other than the

Person so transferring, until 7:00 A.M. on the first day of the calendar month next succeeding the date of receipt by Unit Operator of a photocopy or a certified copy of the recorded instrument evidencing such change in ownership.

9.7 <u>Waiver of Rights of Partition</u>. Each party hereto covenants that during the existence of this Agreement, it will not resort to any action to partition the Unitized Formation, Unit Area or the Unit Equipment, and to that extent waives the benefits of all laws authorizing such partition.

ARTICLE 10

EASEMENTS OR USE OF SURFACE

10.1 <u>Grant of Easements</u>. The parties hereto, to the extent of their rights and interests, hereby grant to Working Interest Owners the right to use as much of the surface of the land within the Unit Area as may be reasonably necessary for Unit Operations and the removal of Unitized Substances from the Unit Area.

10.2 <u>Use of Water</u>. Working Interest Owners shall have and are hereby granted free use of water from the Unit Area for Unit Operations, except water from any well, lake, pond or irrigation ditch of a Royalty Owner.

10.3 <u>Surface Damages</u>. Working Interest Owners shall pay the owner for damages to growing crops, timber, fences, improvements and structures on the Unit Area that result from Unit Operations.

ARTICLE 11

ENLARGEMENT OF UNIT AREA

11.1 <u>Enlargement of Unit Area</u>. The Unit Area may be enlarged from time to time to include acreage reasonably proven to be productive from the Unitized Formation. Any expansion shall be in accordance with the provisions of the South Dakota Codified Laws Sec. 45-9-37 *et seq*. The terms for such an expansion shall be approved by the Working Interest Owners in accordance with the voting procedure in Article 4.3 of the Unit Operating Agreement and shall include but not be limited to, the following:

11.1.1 The participation to be allocated to the acreage shall be fair and reasonable, considering all available information and shall be calculated by the same method and using the same basis as then in effect for determining Tract Participation under Article 5.1 of this agreement.

11.1.2 There shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof; however, this limitation shall not prevent an adjustment of investment by reason of the enlargement.

11.2 <u>Determination of Tract Participation</u>. Unit Operator, subject to Article 5.2, shall determine the Tract Participation of each Tract within the Unit Area as enlarged, and shall revise Exhibits "A", "B", "C" and "D" accordingly.

11.3 <u>Effective Date</u>. The effective date of any enlargement of the Unit Area shall be effective as determined by the South Dakota Board of Minerals and Environment in accordance with the provisions of the South Dakota Codified Laws Sec. 45-9-37 *et seq.*

ARTICLE 12

RELATIONSHIP OF PERSONS

12.1 <u>No Partnership</u>. The duties, obligations and liabilities of the Persons hereto are intended to be several and not joint or collective. This Agreement is not intended to create, and shall not be construed to create, an association or trust, or to impose a partnership or fiduciary duty, obligation or liability with regard to any one or more of the Persons hereto. Each Person hereto shall be individually responsible for its own obligations as herein provided.

-7-

12.2 <u>No Joint Refining or Marketing</u>. This Agreement is not intended to provide, and shall not be construed to provide, directly or indirectly, for any joint refining or marketing of Unitized Substances.

12.3 <u>Royalty Owners Free of Costs</u>. This Agreement is not intended to impose, and shall not be construed to impose, upon any Royalty Owner any obligation to pay Unit Expense unless such Royalty Owner is otherwise so obligated; provided, however, that any interest created out of a Working Interest, shall be subject to the security rights provided by the Unit Operating Agreement. The owner of any such interest shall be subrogated to the security rights available against the Working Interest out of which such interest was created.

ARTICLE 13

LAWS AND REGULATIONS

13.1 <u>Laws and Regulations</u>. This Agreement shall be subject to all applicable federal, state and municipal laws, rules, regulations and orders.

ARTICLE 14

FORCE MAJEURE

14.1 <u>Force Majeure</u>. All obligations imposed by this Agreement on each Person, except for the payment of money, shall be suspended while compliance is prevented, in whole or in part, by a labor dispute, fire, war, civil disturbance, act of God; by federal, state or municipal laws; by any rule, regulation or order of a governmental agency; by inability to secure materials or equipment; or by any other cause or causes, whether similar or dissimilar, beyond reasonable control of the Person. No Person shall be required against his will to adjust or settle any labor dispute. Neither this Agreement nor any lease or other instrument subject hereto shall be terminated by reason of suspension of Unit Operations due to any one or more of the causes set forth in this Article.

ARTICLE 15

EFFECTIVE DATE

15.1 <u>Effective Date</u>. The Unit Agreement shall become effective as of the first day of the month next following the date of the order of The South Dakota Board of Minerals and Environment approving the Travers Ranch Red River Unit, Harding County, South Dakota.

15.2 <u>Ipso Facto Termination</u>. If this unit is not made effective on or before January 1, 2013, this Agreement shall ipso facto terminate on that date (hereinafter called "termination date") and thereafter be of no further effect, unless prior thereto Working Interest Owners owning a combined Unit Participation of at least sixty percent (60%) have approved this Agreement and have decided to extend the termination date for a period not to exceed six (6) months. If the termination date is so extended and this unit is not made effective on or before the extended termination date, this Agreement shall ipso facto terminate on the extended termination date and thereafter be of no further effect. For the purpose of this Section, Unit Participation shall be as calculated on the basis of Tract Participations shown on the original Exhibit "B".

15.3 <u>Certificate of Effectiveness</u>. Unit Operator shall file for record in the county in which the land affected is located a certificate stating the Effective Date.

ARTICLE 16

TERM

16.1 <u>Term</u>. The term of this Agreement shall be for the time that Unitized Substances are produced in paying quantities or other Unit Operations are conducted without a cessation of more than sixty (60) consecutive days, unless sooner

terminated by Working Interest Owners in the manner herein provided.

16.2 <u>Termination by Working Interest Owners</u>. This Agreement may be terminated at any time by Working Interest Owners owning a combined Unit Participation of sixty percent (60%) or more whenever such Working Interest Owners determine that Unit Operations are no longer profitable or feasible.

16.3 <u>Effect of Termination</u>. Upon termination of this Agreement, the further development and operation of the Unitized Formation as a unit shall be abandoned, and Unit Operations shall cease. Each oil and gas lease and other agreement covering lands within the Unit Area shall remain in force for sixty (60) days after the date on which this Agreement terminates, and for such further period as is provided by the lease or other agreement.

16.4 <u>Salvaging Equipment Upon Termination</u>. If not otherwise granted by the leases or other instruments affecting each Tract, Royalty Owners hereby grant Working Interest Owners a period of six (6) months after the date of termination of this Agreement within which to salvage and remove Unit Equipment.

16.5 <u>Certificate of Termination</u>. Upon termination of this Agreement, Unit Operator shall file for record in the county in which the land affected is located a certificate that this Agreement has terminated, stating its termination date.

ARTICLE 17

EXECUTION

17.1 <u>Original, Counterpart or Other Instrument</u>. An owner of Oil and Gas Rights may become a party to this Agreement by signing the original of this instrument, a counterpart thereof or other instrument agreeing to become a party hereto. The signing of any such instrument shall have the same effect as if all Persons had signed the same instrument.

17.2 <u>Joinder in Dual Capacity</u>. Execution as herein provided by any Person as either a Working Interest Owner or a Royalty Owner shall commit all interests owned or controlled by such Person.

ARTICLE 18

GENERAL

18.1 <u>Changes and Amendments</u>. Any amendment to this Agreement or the Unit Operating Agreement shall be in accordance with South Dakota Codified Laws Sec. 45-9-37 *et seq*.

18.2 <u>Action by Working Interest Owners</u>. Except as otherwise provided in this Agreement, any action or approval required by Working Interest Owners hereunder shall be in accordance with the provisions of the Unit Operating Agreement.

18.3 <u>Lien and Security Interest of Unit Operator</u>. Unit Operator shall have a lien upon and a security interest in the interests of Working Interest Owners in the Unit as provided in the Unit Operating Agreement. Likewise the Working Interest Owners shall have a lien upon and a security interest in the interest of the Unit Operator.

18.4 <u>Conflicts with Existing Instruments</u>. This Agreement shall supersede all existing agreements between the parties hereto covering the Unit Area to the extent that the provisions of such existing agreements conflict with the provisions of this Agreement.

ARTICLE 19

SUCCESSORS AND ASSIGNS

19.1 <u>Successors and Assigns</u>. This Agreement shall extend to, be binding upon, and inure to the benefit of the Persons hereto and their respective heirs, devisees, legal representatives, successors and assigns and shall constitute a covenant

running with the lands, leases and interests covered hereby.

IN WITNESS WHEREOF, the Persons hereto have executed this Agreement and have set opposite their respective signatures the date of execution.

UNIT OPERATOR

Luff Exploration Company

Sharon K. Berget, Assistant Secretary

R. Juff Kenneth D. Luff, President

Date of Execution:

1580 Lincoln Street, Suite 850 Denver, Colorado 80203

) SS.

May 11, 2012

STATE OF COLORADO)

Attest

Address:

COUNTY OF DENVER)

The foregoing instrument was acknowledged before me this <u>11th</u> day of <u>May</u>, 2012, by Kenneth D. Luff, President of Luff Exploration Company.

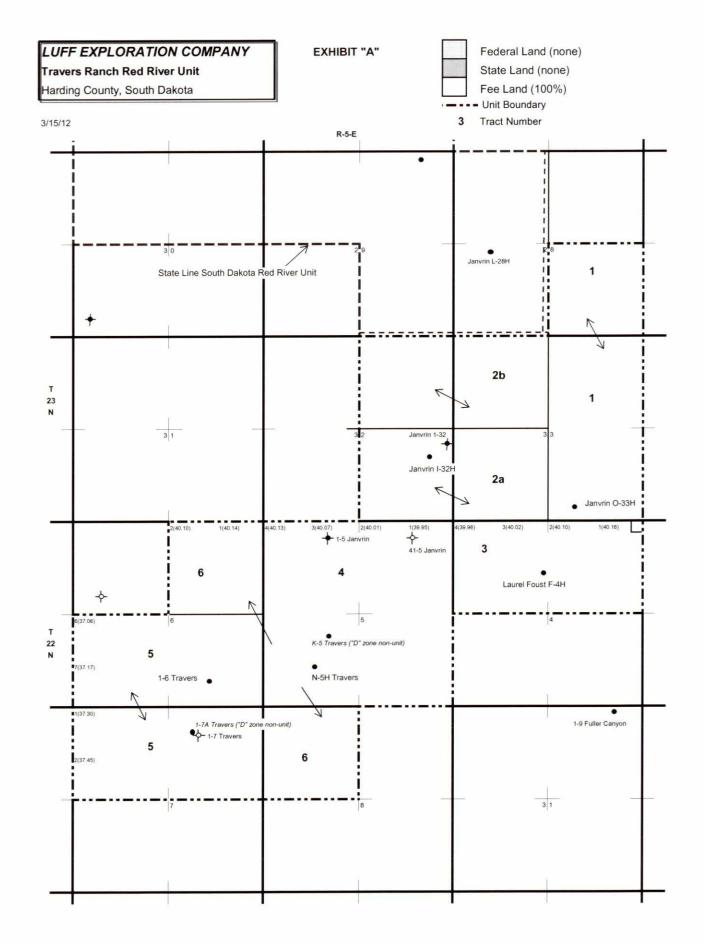
Witness my hand and official seal.

My Commission Expires: January 11, 2016

C. M. Espinasa - Carputer Notary Public



UNIT OPERATOR SIGNATURE PAGE TRAVERS RANCH RED RIVER UNIT AGREEMENT HARDING COUNTY, SOUTH DAKOTA



EXHIL: "B" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

				HAI	RDING COUNTY, SOUTH DAKOTA				5/10/2012
ract	Description	Number	Basic Royal and	ty	Overriding Royalty and	333-3	Working Interest and Percentage		
ю.	of Land	of Acres	Percentage)	Percentage			WI	NRI
	T23N-R5E Sec. 28: SE/4 Sec. 33: E/2	480.00	BAIL, JOAN BAIL, WADE A. EGELAND, MONTE DEAN RONALD EGELAND LIVING TRUST DTD 9/30/03 JANVRIN, CLAIR C., JR. MCGREER, KELLY & ROSEMARY MILLER, MARION PARKER, ROBERT & JUDY TALBOTT LIVING TRUST TIERNEY, ROBIN	2.083333% 1.041667% 1.234568% 1.234568% 0.925926% 1.234568% 0.925926% 1.041667%	DANE, W. DANIEL FILLINGHAM, ROBERT A. ARLEN B HENNEMAN, ETUX LIVING TRUST HOMER, C. JAMES	0.000686% 0.000570% 0.083334% 0.000316%	ALMON, GEORGE DANIEL AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. EAGLE INVESTMENTS INC. EDMONDS ENERGY CORP. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HEADINGTON OIL CO. LLC KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC 2005 LUFF FAMILY REVOCABLE TRUST JON DAVID LUFF REVOCABLE TRUST LUFF, KEVIN D. NANCE RESOURCES, INC. PAMCO INVESTMENTS CORP. PENWELL PROPERTIES, LLC R&G RESOURCES, LLC R&G OL VENTURES, INC. SIPPEL FREEMAN LLC	27.272223% 1.666667% 2.105555% 2.000000% 1.00000% 1.00000% 1.00000% 0.208333% 0.208333% 0.208333% 4.340278% 1.547619% 1.000000% 7.206349%	1.412038% 1.841660% 1.712963% 0.866585% 0.866585% 0.866585% 0.866585% 0.177968% 3.797744% 1.341143% 0.866585% 6.239939%
							TROYER, PAMELA L.	1.000000%	0.866585%
			Totals	13.425927%		0.084906%	WORLDWIDE EXPLORATION CORP.	1.041667% 100.000000%	0.890626% 86.489167%
a PO*	<u>T23N-R5E</u> Sec. 32: SE/4 Sec. 33: SW/4	320.00	EGELAND, MONTE DEAN RONALD EGELAND LIVING TRUST DTD 9/30/03 JANVRIN, CLAIR C., JR. MCGREER, KELLY & ROSEMARY MILLER, MARION PARKER, ROBERT & JUDY TALBOTT LIVING TRUST	0.925926% 0.925926% 8.333334% 0.925926% 0.694444% 0.694444% 0.694444%	ALMON, GEORGE DANIEL BERGET, SHARON K. CHESSMAN ENERGY, LLC. DLD ENTERPRISES, L.L.C. EDMONDS ENERGY CORP. ARLEN B HENNEMAN, ETUX LIVING TRUST KATS RESOURCES LLC R&G RESOURCES, LLC SIPPEL FREEMAN LLC	0.010417% 0.031250% 0.033654% 0.023654% 0.033654% 0.033654% 0.011218% 0.033654%	ADAMS, JONYE C. ARTZIS, ALVIN A. ESTATE AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. EDMONDS ENERGY CORP. FERRIS FAMILY REVOC TRUST DTD 12/21/07 FORTIN ENTERPRISES, INC. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HANCOCK ENTERPRISES HEADINGTON OIL CO. LLC KERMIT HOFFERT LIVING TRUST KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KAT RESOURCES, LLC KAAUSE, LARRY D. KEITH MOHL TRUST DTD 2/8/99 NANCE RESOURCES, INC. NASH, ALEXANDER MS TRUST PAMCO INVESTMENTS CORP. PENWELL PROPERTIES, INC. R&G RESOURCES, LLC FRANK A. RADELLA SURVIVOR'S TRUST RG OIL VENTURES, INC. SIPPEL FREEMAN LLC STEELE, JOHN A. TRUST WERME, DOUGLAS R.	0.021867% 0.087500% 1.914820% 1.970522% 0.810195% 2.578500% 3.654726% 0.369141% 0.75000% 1.125000% 1.125000% 1.12500% 0.338379% 27.487316% 1.715531% 0.069125% 0.069125% 0.069125% 0.069125% 0.069125% 0.069125% 0.069125% 0.053500% 5.345439% 0.035156% 0.00000% 0.35156% 0.00000% 0.35156% 0.021867% 0.021867% 0.021867% 0.021867% 0.021867% 0.021867%	0.296082% 23.723287% 1.465289% 2.066593% 2.047261% 0.076563% 1.970821% 4.238905% 0.213750% 0.213750% 0.000000% 0.030762% 3.437814% 0.019133% 0.322988%
			Totals	13.194444%		0.337501%	a na serie de la constante de la	100.000000%	
a APO*	T23N-R5E Sec. 32: SE/4 Sec. 33: SW/4		EGELAND, MONTE DEAN RONALD EGELAND LIVING TRUST DTD 9/30/03 JANVRIN, CLAIR C., JR. MCGREER, KELLY & ROSEMARY	0.925926% 0.925926% 8.333334% 0.694444%	ALMON, GEORGE DANIEL BERGET, SHARON K. CHESSMAN ENERGY, LLC. DLD ENTERPRISES, L.L.C.	0.010417% 0.031250% 0.033654% 0.025000%	ADAMS, JONYE C. ARTZIS, ALVIN A. ESTATE AVALON CONSULTING INC. BERGET, SHARON K.	0.021867% 0.087500% 1.856405% 1.525712%	0.019133% 0.076563% 1.596576% 1.314165%

EXHID "B" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

			HAI	RDING COUNTY, SOUTH DAKOTA				5/10/2012
Tract	Description Number	Basic Roy and		Overriding Royalty and		Working Interest and Percentage		
No.	of Land of Acres	Percenta	ige	Percentage			WI	NRI
Tract	za Cont.	MILLER, MARION PARKER, ROBERT & JUDY TALBOTT LIVING TRUST	0.925926% 0.694444% 0.694444%	EDMONDS ENERGY CORP. ARLEN B HENNEMAN, ETUX LIVING TRUST KATS RESOURCES LLC R&G RESOURCES, LLC SIPPEL FREEMAN LLC	0.033654% 0.125000% 0.033654% 0.011218% 0.033654%	CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. EDMONDS ENERGY CORP. FERRIS FAMILY REVOC TRUST DTD 12/21/07 FORTIN ENTERPRISES, INC. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HANCOCK ENTERPRISES HEADINGTON OIL CO. LLC KERMIT HOFFERT LIVING TRUST KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES LLC	26.910778% 1.661599% 2.335733%	0.296082% 23.230348% 1.419177% 2.022553%
			13.194444%		0.337501%	KLT RESOURCES, LLC KRAUSE, LARRY D. KEITH MOHL TRUST DTD 2/8/99 NANCE RESOURCES, INC. NASH, ALEXANDER MS TRUST PAMCO INVESTMENTS CORP. PENWELL PROPERTIES, LLC PETROLEUM CHARITIES, INC. R&G RESOURCES, LLC FRANK A. RADELLA SURVIVOR'S TRUST RG OIL VENTURES, INC. SIPPEL FREEMAN LLC STEELE, JOHN A. TRUST WERME, DOUGLAS R.	2.303898% 0.069125% 0.87500% 2.252367% 4.808451% 0.250000% 5.177817% 2.421867% 0.035156% 0.087500% 1.202113% 3.877746% 0.021867% 0.369141% 100.000000%	0.076563% 1.970821% 4.150826% 0.213750% 4.530590% 2.070696% 0.030762% 0.076563% 1.037707% 3.344416% 0.019133% 0.322998%
	Payout of Tract 2a is a result of the v	vorking interest of Petroleum Charities, Inc. bein		suant to South Dakota rules and regulations for the		Janvrin I-32H well.	,	
2b	<u>T23N-R5E</u> 320.00 Sec. 32: NE/4 Sec. 33: NW/4	EGELAND, MONTE DEAN RONALD EGELAND LIVING TRUST DTD 9/30/03 JANVRIN, CLAIR C., JR. MCGREER, KELLY & ROSEMARY MILLER, MARION PARKER, ROBERT & JUDY TALBOTT LIVING TRUST	1.851852% 1.851852% 1.851852% 1.388889% 1.388889% 1.388889% 1.388889%	DANE, W. DANIEL FILLINGHAM, ROBERT A. ARLEN B HENNEMAN, ETUX LIVING TRUST HOMER, C. JAMES	0.000515% 0.00427% 0.062500% 0.000238%	AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. EAGLE INVESTMENTS INC. EDMONDS ENERGY CORP. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HEADINGTON OIL CO. LLC KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC NANCE RESOURCES, LLC NANCE RESOURCES, LLC NANCE RESOURCES, INC. NASH, ALEXANDER MS TRUST PAMCO INVESTMENTS CORP. PENWELL PROPERTIES, LLC RG OIL VENTURES, INC. SIPPEL FREEMAN LLC WORLDWIDE EXPLORATION CORP.	2.679983% 2.019975% 3.359967% 0.781250% 4.733250% 11.756196% 18.652775% 17.861695% 2.526633% 1.730164% 3.066583% 1.562500% 7.839330% 0.756250% 7.839330% 0.797887% 4.679984% 0.781250%	2.870527% 0.667969% 4.044371% 10.054727% 16.291991% 15.288853% 2.141360% 1.491103% 2.627704% 1.367188% 0.133476% 6.859413% 0.682958% 0.667969%
3	<u>T22N-R5E</u> 320.24 Sec. 4: Lots 1-4, S/2N/2 (N/2)	FOUST, RUTH TRUST ST. AGNES CHURCH OF COX	12.461232% 0.038768%	BERGET, SHARON K. CARRELL ENTERPRISES, INC. EDMONDS ENERGY CORP. KENNETH D. LUFF TRUST DATED 12/1/92 KLT RESOURCES, LLC DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 PENWELL PROPERTIES, LLC PICKARD, ROBERT M. R& GRESOURCES, LLC RG OIL VENTURES, INC. SIPPEL FREEMAN LLC TAYLOR, NEAL A.	0.062306% 1.495348% 0.249225% 2.990696% 0.249225% 1.183817% 0.000000% 0.000000% 0.000000% 0.000000% 0.000000%	AVALON CONSULTING INC. BERGET, SHARON K. CHESSMAN ENERGY, LLC. EDMONDS ENERGY CORP. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KLT RESOURCES, LLC 2005 LUFF FAMILY REVOCABLE TRUST		2.340884% 1.860394% 4.922756% 5.738164% 11.704420% 24.190969% 1.926913% 3.088810% 3.435735% 0.406372%

EXHID:: "B" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

	HARDING COUNTY, SOUTH DAKOTA 5/10/2013											
-		Basic Roya and	alty	Overriding Royalty and		Working Interest and Percentage						
No.	Description Number of Land of Acres	Percentag	Ie	Percentage			WI	NRI				
Tract	3 Cont.	Totals	12.500000%	WARE, JEFFREY V.	0.000000%	LUFF, KEVIN D. MUREX PETROLEUM CORP NASH, ALEXANDER MS TRUST R&G RESOURCES, LLC SIPPEL FREEMAN LLC TROYER, PAMELA L.	0.500000% 15.451928% 1.375720% 1.142857% 6.372011% 0.500000% 100.000000%	1.117773% 0.928850% 5.179277% 0.406372%				
4	<u>T22N-R5E</u> 640.16 Sec. 5: Lots 1-4, S/2N/2, S/2 (All)	EGELAND, MONTE DEAN RONALD EGELAND LIVING TRUST DTD 9/30/03 JANVRIN, CLAIR C., JR. MCGREER, KELLY & ROSEMARY MILLER, MARION PARKER, ROBERT & JUDY TALBOTT LIVING TRUST TALBOTT LIVING TRUST ALYCE TRAVERS FAMILY TRUST	0.347483% 0.347483% 1.042448% 0.347483% 0.347483% 0.347483% 0.347483% 6.248438% 6.248438%	A.L.E. RESOURCES, LLC AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. DANE, W. DANIEL DLD ENTERPRISES, L.L.C. EDMONDS ENERGY CORP. HEADINGTON OIL CO. LLC ARLEN B HENNEMAN, ETUX LIVING TRUST KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC VEL PROPERTIES, LLC PICKARD, ROBERT M. SIPPEL FREEMAN LLC TAYLOR, NEAL A. WARE, JEFFREY V.	0.075000% 0.011567% 0.010151% 0.137658% 0.017831% 0.012510% 0.024920% 0.297884% 0.012509% 0.335474% 0.012145% 0.002252% 0.029688% 0.132338% 0.135402% 0.037500% 0.018750% 0.0175000%	ALMON, GEORGE DANIEL AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. DEOSH LIMITED PARTNERSHIP EDMONDS ENERGY CORP. FORTIN ENTERPRISES, INC. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HANCOCK ENTERPRISES KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC LARIO OIL & GAS CO. MCCOURT, DONALD TRUST MACCOURT, PURNEE A. TRUST NANCE RESOURCES, ILC NASH, ALEXANDER MS TRUST R&G RESOURCES, LLC FRANK A. RADELLA SURVIVOR'S TRUST SIPPEL FREEMAN LLC	0.347483% 2.090986% 1.908666% 9.474437% 3.415181% 15.00000% 3.405026% 0.562922% 4.302844% 0.375281% 2.038818% 1.685961% 1.683891% 15.00000% 0.026575% 0.265749% 0.867905% 0.013288% 0.374212% 0.374212%	2.821483% 0.477545% 10.265230% 0.318364%				
		Totals	15.624221%		1.398160%		100.000000%					
5	T22N-R5E 628.98 Sec. 6: Lots 6&7, E/2SW/4, SE/4 (S/2) Sec. 7: Lots 1&2, E/2NW/4, NE/4 (N/2)	AGER, ROSE MARIE ALVERSON, GEORGIA ANDERSON, WILLIAM E. & CARVER, NANCY G. DICK, WILMA C. EKBLAD, PAMELA HAYDEN, LORA L. HAYDEN, LORA L. HAYDEN, ROBERT W. HIGHT, JOHN H. HOFFIS, G. JAMES HOFFMAN, RAYMOND C. KENNETH D. LUFF TRUST DATED 12/1/92 JOHNSON, JEAN R. JOHNSON, LONNEY DALE JOHNSON, NARILYN E. JOHNSON, RONALD R. LANG, JAMES S. LOUDEN, BONNIE K. MCGUFFIN, ANDREW F. MCGUFFIN, CHARLES, JR. MCGUFFIN, CHARLES, JR. MCGUFFIN, DONALD R. LANGUFFIN, DONALD R. MCGUFFIN, DONALD R. MCGUFFIN, DONALD R. MCGUFFIN, DONALD R. MCGUFFIN, CHARLES, JR. MCGUFFIN, CHARLES, JR. MCGUFFIN, KEVIN KELLY MCGUFFIN, ROBERT E SR. MCGUFFIN, ROBERT E SR. MCGUFFIN, ROBERT E. SR. MCGUFFIN, SCOTT DENISON MERRITT, ANN D. MCGUFFIN MILLER, LINDA M. MOBERG, CLARENCE MYERS, KAREN LEE	0.008842% 0.027513% 0.035369% 0.008842% 0.008842% 0.008842% 0.008842% 0.006832% 0.006832% 0.101687% 0.247610% 0.017685% 0.035369% 0.035369% 0.035369% 0.035364% 0.053054% 0.053054% 0.053054% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.044212% 0.035369% 0.008442% 0.008442% 0.008442% 0.017685%		0.018390% 0.098229% 0.079496% 2.010618% 0.037740% 0.37740% 0.37740% 3.603413% 0.106135% 0.070085% 0.37975% 1.639252% 0.009195% 0.070085% 0.118537% 0.004598% 0.018390%	KATS RESOURCES LLC KLT RESOURCES, LLC LARIO OIL & GAS CO. MCCOURT, DONALD TRUST MCCOURT, PURNEE A. TRUST		0.570763% 9.027240% 1.383103% 3.065081% 1.421381% 1.421381% 1.421384% 0.841235% 14.570394% 18.449338% 1.441905% 0.867025% 1.921689% 3.014508% 0.181551% 0.363097% 0.0309077% 6.622907%				

EXHict "B" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

		Basic Royalty	Overriding Royalty	Working Interest		10.55.55
act	Description Number	and	and	and Percentage		
	of Land of Acres	Percentage	Percentage		WI	NRI
ot :	5 Cont.	OLSON, DAVID JAMES 0.011790% OLSON, JAMES 0.035369% OLSON, ROBERT BRUCE 0.011790% OLSON, STEPHEN PAUL 0.011790% DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 0.212219% ROSE, PEGGY COLLEN 0.006632% SHECK, MICHELLE MCGUFFIN 0.00316% TRAVERS EDUCATIONAL TRUST 9.651337% WHOTEHOUSE, ESTER 0.035369% WOODBURY, KATHLEEN S. 0.006631% Totals 13.521686%			100.000000%	77.83668
	T22N-R5E 320.24 Sec. 6: Lots 1&2, S/2NE/4 (NE/4) Sec. 8: NW/4	TRAVERS EDUCATIONAL TRUST 8.3333339 ALYCE TRAVERS FAMILY TRUST 8.3333339		ALMON, GEORGE DANIEL ADAMS, JONYE C. ARTZIS, ALVIN A. ESTATE AVALON CONSULTING INC. BERGET, SHARON K. CARRELL ENTERPRISES, INC. CHESSMAN ENERGY, LLC. DEOSH LIMITED PARTNERSHIP EAGLE INVESTMENTS INC. EDMONDS ENERGY CORP. FERRIS FAMILY REVOC TRUST DTD 12/21/07 FORTIN ENTERPRISES, INC. DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90 HANCOCK ENTERPRISES HEADINGTON OIL CO. LLC KERMIT HOFFERT LIVING TRUST KENNETH D. LUFF TRUST DATED 12/1/92 JWC RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS RESOURCES, LLC KATS MESOURCES, LLC RAG RESOURCES, LLC RAG RESOU	0.345717% 0.001498% 0.005993% 2.185865% 1.844080% 7.869661% 3.89282% 0.206905% 4.514643% 0.205285% 0.604604% 11.633086% 0.604604% 11.633086% 0.604604% 11.633086% 0.604604% 2.130348% 2.5571203% 0.22852% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.255102% 0.525302% 0.588085% 0.588085% 0.588085% 0.582839% 0.582839% 0.582839% 0.582730% 4.841906% 0.025285%	0.00124 0.00499 1.82155 1.53673 6.55821 3.24406 4.2060 0.02107 0.50383 9.69423 0.33589 6.70926 0.01931 21.30933 1.68571 1.77529 2.15848 0.00394 4.20603 0.21258 0.21258 0.21258 0.7157 0.04875 2.84899 0.4859 0.7022 0.41894 4.0032 0.71258
		Totals 16.6666669	0.000000%	WORLDWIDE EXPLORATION CORP.	0.206905%	0.1724

PATENTED LANDS	3,029.62	100.0000%
FEDERAL LANDS		0.0000%
STATE LANDS		0.0000%
TOTAL	3,029.62	100.0000%

EXHIBIT "C"

Attached to and made a part of the Unit Agreement for the Travers Ranch Red River Unit Area Harding County, South Dakota

TRACT NUMBER		PHASE I PARTICIPATION	PHASE II <u>PARTICIPATION</u>
1		14.650666%	3.711141%
2a		6.799765%	18.322126%
2b		6.799765%	9.609324%
3		21.519202%	13.611669%
4		28.234379%	31.835004%
5		21.573411%	22.255320%
6		0.422812%	0.655416%
	Total	100.000000%	100.000000%

EXHIBIT "D" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

5/10/2012		Unit Summary		1000000		31.375	(3)1223)	100000	107852400
	Туре	WI	NRI	WI	NRI	WI	NRI	WI	NRI
ALMON, GEORGE DANIEL	WI	0.346054%	0.285203%	0.346054%	0.285203%	0.241017%	0.196904%	0.241017%	0.196904%
ADAMS, JONYE C.	WI	0.001493%	0.001306%	0.001493%	0.001306%	0.004016%	0.003514%	0.004016%	0.003514%
ARTZIS, ALVIN A. ESTATE	WI	0.005975%	0.005227%	0.005975%	0.005227%	0.016071%	0.014061%	0.016071%	
AVALON CONSULTING INC.	WI	2.186161%	1.803790%	2.182189%	1.800393%	2.152663%	1.783458%	2.141961%	1.774307%
BERGET, SHARON K.	WI	1.844255%	1.531431%	1.841208%	1.528826%	1.678133%	1.392588%	1.669923%	1.385569%
CARRELL ENTERPRISES, INC.	WI	7.865281%	6.481404%	7.845715%	6.464675%	9.051511%	7.493534%	8.998791%	7.448458%
CHESSMAN ENERGY, LLC.	WI	3.893984%	3.232932%	3.888915%	3.228598%	3.332355%	2.763085% 4.674715%	3.318696%	2.751407%
DEOSH LIMITED PARTNERSHIP EAGLE INVESTMENTS INC.	Wi	5.049988% 0.206609%	4.195578% 0.176632%	5.049988% 0.206609%	4.195578% 0.176632%	5.626904% 0.115087%	0.098370%	5.626904% 0.115087%	4.674715% 0.098370%
EDMONDS ENERGY CORP.	WI	4.515442%	3.757183%	4.508256%	3,751038%	3.868353%	3.217106%	3.848988%	3.200550%
FERRIS FAMILY REVOC TRUST DTD 12/21/07	WI	0.025208%	0.022052%	0.025208%	0.022052%	0.067800%	0.059318%	0.067800%	0.059318%
FORTIN ENTERPRISES, INC.	WI	0.604369%	0.474081%	0.604369%	0.474081%	0.767252%	0.611019%	0.767252%	0.611019%
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	WI	11.635194%	9.568738%	11.616287%	9.552572%	11.708278%	9.673664%	11.657333%	9.630105%
HANCOCK ENTERPRISES	WI	0.402913%	0.316055%	0.402913%	0.316055%	0.511501%	0.407347%	0.511501%	0.407347%
HEADINGTON OIL CO. LLC	WI	8.041574%	6.570985%	8.013297%	6.546808%	9.084280%	7.465558%	9.008087%	7.400413%
KERMIT HOFFERT LIVING TRUST	WI	0.023107%	0.020215%	0.023107%	0.020215%	0.062150%	0.054375%	0.062150%	0.054375%
KENNETH D. LUFF TRUST DATED 12/1/92	WI	25.573820%	21.126618%	25.534618%	21.093101%	25.003428%	20.698115%	24.897793%	20.607798%
JWC RESOURCES, LLC	WI	2.023014%	1.664645%	2.019347%	1.661509%	2.012517%	1.661726%	2.002635%	1.653278%
KATS RESOURCES LLC	WI	2.131048%	1.761486%	2.127545%	1.758492%	1.997154%	1.655625%	1.987717%	1.647556%
KLT RESOURCES, LLC	WI	2.590706%	2.129483%	2.586003%	2.125463%	2.480683%	2.048960%	2.468013%	2.038126%
KRAUSE, LARRY D.	WI	0.004720%	0.004129%	0.004720%	0.004129%	0.012696%	0.011108%	0.012696% 5.626904%	0.011108%
LARIO OIL & GAS CO. 2005 LUFF FAMILY REVOCABLE TRUST	WI	5.049988% 0.255181%	4.126435% 0.215307%	5.049988% 0.255181%	0.215307%	5.626904% 0.106842%	4.597801% 0.088868%	0.106842%	4.597801% 0.088868%
JON DAVID LUFF REVOCABLE TRUST	WI	0.255181%	0.215307%	0.255181%	0.215307%	0.106842%	0.088868%	0.106842%	0.088868%
LUFF, KEVIN D.	WI	0.255181%	0.215307%	0.255181%	0.215307%	0.106842%	0.088868%	0.106842%	0.088868%
MCCOURT, DONALD TRUST	WI	0.012645%	0.010196%	0.012645%	0.010196%	0.013792%	0.011139%	0.013792%	0.011139%
MCCOURT, PURNEE A. TRUST	WI	0.126453%	0.101956%	0.126453%	0.101956%	0.137924%	0.111389%	0.137924%	0.111389%
KEITH MOHL TRUST DTD 2/8/99	WI	0.005975%	0.005227%	0.005975%	0.005227%	0.016071%	0.014061%	0.016071%	0.014061%
MUREX PETROLEUM CORP	WI	3.339223%	2.713412%	3.339223%	2.713412%	2.125109%	1.727106%	2.125109%	1.727106%
NANCE RESOURCES, INC.	WI	0.898305%	0.763643%	0.898305%	0.763643%	1.008222%	0.857928%	1.008222%	0.857928%
NASH, ALEXANDER MS TRUST	WI	0.856954%	0.722628%	0.849949%	0.716639%	1.406309%	1.201537%	1.387434%	1.185399%
PAMCO INVESTMENTS CORP.	WI	0.058394%	0.049890%	0.058394%	0.049890%	0.068935%	0.058914%	0.068935%	0.058914%
PENWELL PROPERTIES, LLC	WI	3.414917%	2.781466%	3.403519%	2.771721%	3.843281%	3.149064%	3.812569%	3.122805%
PETROLEUM CHARITIES, INC.	WI	0.000000%	0.00000%	0.164681%	0.140802%	0.00000%	0.00000%	0.443738%	0.379396%
R&G RESOURCES, LLC	WI	0.583182%	0.486359%	0.583182%	0.486359%	0.342388%	0.281817%	0.342388%	0.281817%
FRANK A. RADELLA SURVIVOR'S TRUST	WI	0.084341%	0.068906%	0.084341%	0.068906%	0.104571%	0.085977%	0.104571%	0.085977%
RG OIL VENTURES, INC.	WI	0.502113%	0.415484%	0.500362%	0.413987%	0.564602%	0.468271% 3.602299%	0.559884%	0.464236% 3.585187%
SIPPEL FREEMAN LLC STEELE, JOHN A. TRUST	WI	4.842561% 0.001493%	4.026999% 0.001306%	0.001493%	0.001306%	0.004016%	0.003514%	0.004016%	0.003514%
TROYER, PAMELA L.	WI	0.255181%	0.215307%	0.255181%	0.215307%	0.106842%	0.088868%	0.106842%	0.088868%
WERME, DOUGLAS R.	WI	0.025208%	0.022052%	0.025208%	0.022052%	0.067800%	0.059318%	0.067800%	0.059318%
WORLDWIDE EXPLORATION CORP.	WI	0.206609%	0.176632%	0.206609%	0.176632%	0.115087%	0.098370%	0.115087%	0.098370%
	1.1.								
AGER, ROSE MARIE	ROY		0.001908%		0.001908%		0.001968%		0.001968%
ALVERSON, GEORGIA	ROY		0.001431%		0.001431%		0.001476%		0.001476%
ANDERSON, WILLIAM E. &	ROY		0.005935%		0.005935%		0.006123%		0.006123%
BAIL, JOAN	ROY		0.305222%		0.305222%		0.077315%		0.077315%
BAIL, WADE A.	ROY		0.152611%		0.152611%		0.038658%		0.038658%
CARVER, NANCY G.	ROY		0.007630%		0.007630%		0.007871%		0.007871%
DICK, WILMA C.	ROY		0.001908%		0.001908%		0.001968%		0.001968%
EGELAND, MONTE DEAN	ROY		0.467864%		0.467864%		0.504038%		0.504038%
RONALD EGELAND LIVING TRUST DTD 9/30/03	ROY		0.467864%		0.467864%		0.504038%		0.504038%
EKBLAD, PAMELA FOUST, RUTH TRUST	ROY ROY		0.007630% 2.681558%		2.681558%		0.007871%		1.696182%
HAYDEN, LORA L.	ROY		0.001908%		0.001908%		0.001968%		0.001968%
HAYDEN, ROBERT W.	ROY		0.001908%		0.001908%		0.001968%		0.001968%
HIGHT, JOHN H.	ROY		0.514486%		0.514486%		0.530748%		0.530748%
HOFFIS, G. JAMES	ROY		0.001431%		0.001431%		0.001476%		0.001476%
HOFFMAN, RAYMOND C.	ROY		0.012717%		0.012717%		0.013119%		0.013119%
JANVRIN, CLAIR C., JR.	ROY		1.551262%		1.551262%		2.362183%		2.362183%
KENNETH D. LUFF TRUST DATED 12/1/92	ROY		0.021937%		0.021937%		0.022631%		0.022631%
JOHNSON, JEAN R.	ROY		0.053418%		0.053418%		0.055106%		0.055106%
JOHNSON, LONNEY DALE	ROY		0.003815%		0.003815%		0.003936%		0.003936%
JOHNSON, MARILYN E.	ROY		0.001908%		0.001908%		0.001968%		0.001968%
JOHNSON, RONALD R.	ROY		0.007630%		0.007630%		0.007871%		0.007871%
LANG, JAMES S.	ROY		0.008478%		0.008478%		0.008746%		0.008746%
LOUDEN, BONNIE K.	ROY		0.007630%		0.007630%		0.007871%		0.007871%

EXHIBIT "D" TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

5/10/2012	Interest	Unit Summary - Phase I BPC	Unit Summary - Phase I APO		Unit Summary - Phase II A
	Туре	WI NRI	WI NRI	WI NRI	WI NRI
MCGREER, KELLY & ROSEMARY	ROY	0.375426%	0.375426%	0.405683%	0.40568
MCGUFFIN, ANDREW F.	ROY	0.002861%		0.002952%	0.00295
MCGUFFIN, AUGUST L.	ROY	0.008478%		0.008746%	0.00874
MCGUFFIN, CHARLES, JR.	ROY	0.003815%		0.003936%	0.00393
MCGUFFIN, DAVID	ROY	0.007630%		0.007871%	0.00787
MCGUFFIN, DAVID MCGUFFIN, DONALD R.	ROY	0.001431%	0.001431%	0.001476%	0.00147
MCGUFFIN, HELEN S.	ROY	0.011446%	0.011446%	0.011807%	0.01180
MCGUFFIN, HELENS. MCGUFFIN, KEVIN KELLY	ROY	0.006438%	0.006438%	0.006642%	0.00664
MCGUFFIN, ROBERT E., SR.	ROY	0.0004307	0.011446%	0.011807%	0.01180
	ROY	0.009538%	0.009538%	0.009840%	0.00984
MCGUFFIN, SCOTT DENISON	ROY	0.009538%	0.009538%	0.009840%	0.00984
MERRITT, ANN D. MCGUFFIN			0.007630%	0.007871%	0.00787
MILLER, LINDA M.	ROY	0.007630%		0.504038%	0.50403
MILLER, MARION	ROY	0.467864%	0.467864%	0.001968%	0.00196
MOBERG, CLARENCE	ROY	0.001908%	0.001908%	0.001968%	0.00393
MYERS, KAREN LEE	ROY	0.003815%	0.003815%		
OLSON, DAVID JAMES	ROY	0.002544%	0.002544%	0.002624%	0.00262
OLSON, JAMES	ROY	0.007630%	0.007630%	0.007871%	0.00787
OLSON, ROBERT BRUCE	ROY	0.002544%	0.002544%	0.002624%	0.00262
OLSON, STEPHEN PAUL	ROY	0.002544%		0.002624%	0.00262
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ROY	0.045783%	0.045783%	0.047230%	0.04723
PARKER, ROBERT & JUDY	ROY	0.375426%		0.405683%	0.40568
ROE, THOMAS RAY	ROY	0.010174%		0.010495%	0.01049
ROSE, PEGGY COLLEN	ROY	0.001431%		0.001476%	0.00147
SHECK, MICHELLE MCGUFFIN	ROY	0.000715%	0.000715%	0.000738%	0.00073
ST. AGNES CHURCH OF COX	ROY	0.008343%	0.008343%	0.005277%	0.00527
TALBOTT LIVING TRUST	ROY	0.375425%	0.375425%	0.405683%	0.40568
TERRY, JOANN MARIE	ROY	0.002861%	0.002861%	0.002952%	0.00295
TIERNEY, ROBIN	ROY	0.152611%	0.152611%	0.038658%	0.03865
TRAVERS EDUCATIONAL TRUST	ROY	3.881565%	3.881565%	4.191744%	4.19174
ALYCE TRAVERS FAMILY TRUST	ROY	1.799442%	1.799442%	2.043808%	2.04380
WHITEHOUSE, ESTER	ROY	0.007630%	0.007630%	0.007871%	0.00787
WOODBURY, KATHLEEN S.	ROY	0.001431%	0.001431%	0.001476%	0.00147
A.L.E. RESOURCES, LLC	ORRI	0.025143%	0.025143%	0.027969%	0.02796
ALMON, GEORGE DANIEL	ORRI	0.000708%	0.000708%	0.001909%	0.00190
AVALON CONSULTING INC.	ORRI	0.024457%	0.024457%	0.025544%	0.02554
BERGET, SHARON K.	ORRI	0.035549%		0.035130%	0.03513
CARRELL ENTERPRISES, INC.	ORRI	0.794413%		0.694835%	0.69483
CHESSMAN ENERGY, LLC.	ORRI	0.025397%		0.030488%	0.03048
DANE, W. DANIEL	ORRI	0.000136%	0.000136%	0.000075%	0.00007
DLD ENTERPRISES, L.L.C.	ORRI	0.013374%		0.016962%	0.01696
EDMONDS ENERGY CORP.	ORRI	0.131554%		0.118789%	0.11878
FILLINGHAM, ROBERT A.	ORRI	0.000113%		0.000062%	0.000063
HEADINGTON OIL CO. LLC	ORRI	0.084106%		0.094831%	0.09483
ARLEN B HENNEMAN, ETUX LIVING TRUST	ORRI	0.036632%	0.036632%	0.044383%	0.044383
	ORRI	0.000062%		0.000035%	0.00003
HOMER, C. JAMES	ORRI	1.515672%		1.315833%	1.315833
KENNETH D. LUFF TRUST DATED 12/1/92		0.026326%		0.027487%	0.02748
JWC RESOURCES, LLC	ORRI			0.022481%	0.02248
KATS RESOURCES LLC	ORRI	0.018044%		0.022481%	0.02248
KLT RESOURCES, LLC	ORRI	0.130612%			0.56808
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ORRI	0.645755%	0.645755%	0.568088%	
PENWELL PROPERTIES, LLC	ORRI	0.038230%	0.038230%	0.043105%	0.04310
PICKARD, ROBERT M.	ORRI	0.012572%		0.013985%	0.01398
R&G RESOURCES, LLC	ORRI	0.000763%		0.002055%	0.00205
RG OIL VENTURES, INC.	ORRI	0.015120%		0.015598%	0.015598
SIPPEL FREEMAN LLC	ORRI	0.033389%	0.033389%	0.038781%	0.03878
TAYLOR, NEAL A.	ORRI	0.006286%	0.006286%	0.006992%	0.006993
WARE, JEFFREY V.	ORRI	0.025143%	0.025143%	0.027969%	0.027969

Total 100.00000% 100.00000% 100.00000% 100.00000% 100.00000% 100.00000% 100.00000% 100.00000%

UNIT OPERATING AGREEMENT

TRAVERS RANCH RED RIVER UNIT AREA

HARDING COUNTY, SOUTH DAKOTA

THIS AGREEMENT, entered into as of the 11th day of May, 2012.

WITNESSETH:

WHEREAS, an agreement entitled, "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota" (herein referred to as "Unit Agreement") has been made which, among other things, provides for a separate agreement to provide for Unit Operations as therein defined,

NOW, THEREFORE, it is provided as follows:

ARTICLE 1

CONFIRMATION OF UNIT AGREEMENT

1.1 <u>Confirmation of Unit Agreement.</u> The Unit Agreement is hereby confirmed and by reference made a part of this Agreement. The definitions in the Unit Agreement are adopted for all purposes of this Agreement. If there is any conflict between the Unit Agreement and this Agreement, the Unit Agreement shall govern. This Agreement shall supercede all existing agreements between the parties hereto covering the Unit Area to the extent that the provisions of such existing agreements conflict with the provisions of this Agreement.

ARTICLE 2

EXHIBITS

2.1 Exhibits. The following exhibits are incorporated herein by reference:

2.1.1 Exhibits "A," "B," "C" and "D" of the Unit Agreement.

2.1.2 Exhibit "E," attached hereto, which is the Accounting Procedure applicable to Unit Operations. If there is any conflict between this Agreement and Exhibit "E," this Agreement shall govern.

2.1.3 Exhibit "F," attached hereto, which contains insurance provisions applicable to Unit Operations.

2.1.4 Exhibit "G," attached hereto, which contains the inventory and pricing procedure.

2.2 <u>Revision of Exhibits.</u> Whenever Exhibits "A," "B" and "C" are revised, Exhibit "D" shall be revised accordingly, and be effective as of the same date. Unit Operator shall also revise Exhibits "B" and "D" from time to time as required to conform to changes in ownership of which Unit Operator has been notified as provided in the Unit Agreement.

2.3 <u>Reference to Exhibits.</u> Whenever reference is made herein to an exhibit, it is to the exhibit as originally attached or, if revised, to the last revision.

ARTICLE 3

SUPERVISION OF OPERATIONS BY WORKING INTEREST OWNERS

3.1 <u>Overall Supervision</u>. Working Interest Owners shall exercise overall supervision and control of all matters pertaining to Unit Operations. In the exercise of such authority, each Working Interest Owner shall act solely in its own behalf in the capacity of an individual owner and not on behalf of the owners as an entirety.

3.2 <u>Specific Authority and Duties.</u> The matters with respect to which Working Interest Owners shall decide and take action shall include, but not be limited to, the following:

3.2.1 <u>Method of Operation</u>. The method of operation, including the type of recovery program to be employed.

3.2.2 <u>Drilling of Wells.</u> The drilling of any well whether for production of Unitized Substances, for use as an injection well, or for other purposes.

3.2.3 <u>Well Recompletions and Change of Status.</u> The recompletion, abandonment, or change of status of any well, or the use of any well for injection or other purposes.

3.2.4 <u>Expenditures.</u> The making of any single expenditure in excess of Fifty Thousand Dollars (\$50,000.00); however, approval by Working Interest Owners of the drilling, reworking, deepening, or plugging back of any well shall include approval of all necessary expenditures required therefor, and for completing, testing and equipping the well, including necessary flow lines, separators and lease tankage.

3.2.5 <u>Disposition of Unit Equipment.</u> The selling or otherwise disposing of any item of surplus Unit Equipment, if the current price of new equipment similar thereto is in excess of Fifty Thousand Dollars (\$50,000.00).

3.2.6 <u>Appearance Before a Court or Regulatory Agency.</u> The designating of a representative to appear before any court or regulatory agency in matters pertaining to Unit Operations; however, such designation shall not prevent any Working Interest Owner from appearing in person or from designating another representative in its own behalf.

3.2.7 Audit Exceptions. The settlement of unresolved audit exceptions.

3.2.8 Inventories. The taking of periodic inventories as provided by Exhibit "E."

3.2.9 <u>Technical Services.</u> The authorizing of charges to the joint account for services by consultants or Unit Operator's technical personnel not covered by the charges provided by Exhibit "E."

3.2.10 <u>Assignments to Committees</u>. The appointment of committees to study any problems in connection with Unit Operations.

3.2.11 Removal of Operator. The removal of Unit Operator and the selection of a successor.

3.2.12 <u>Changes and Amendments.</u> The changing of the Unit Area or the amending of this Agreement or the Unit Agreement as provided by Article 11 of the Unit Agreement.

3.2.13 Investment Adjustment. The adjustment and readjustment of investments.

3.2.14 Termination of Unit Agreement. The termination of the Unit Agreement as provided therein.

ARTICLE 4

MANNER OF EXERCISING SUPERVISION

4.1 <u>Designation of Representatives.</u> Each Working Interest Owner shall inform Unit Operator in writing of the names and addresses of the representative and alternate who are authorized to represent and bind such Working Interest Owner with respect to Unit Operations. The representative or alternate may be changed from time to time by written notice to Unit Operator.

4.2 <u>Meetings</u>. All meetings of Working Interest Owners shall be called by Unit Operator upon its own motion or at the request of one or more Working Interest Owners having a total Unit Participation of not less than ten percent (10%). No meeting shall be called on less than fourteen (14) days advance written notice, with agenda for the meeting attached, provided,

however, any such meeting may be requested by Unit Operator or such Working Interest Owners upon 48 hour notice where an emergency situation exists. Working Interest Owners who attend the meeting may amend items included in the agenda and may act upon an amended item or other items presented at the meeting. The representative of Unit Operator shall be chairman of each meeting.

4.3 <u>Voting Procedure</u>. Working Interest Owners shall determine all matters coming before them as follows:

4.3.1 <u>Voting Interest</u>. Each Working Interest Owner shall have a voting interest equal to its Unit Participation in effect at the time the particular vote is taken.

4.3.2 <u>Vote Required</u>. Unless otherwise provided herein or in the Unit Agreement, Working Interest Owners shall determine all matters by the affirmative vote of two or more Working Interest Owners having a combined voting interest of at least sixty percent (60%); however, should any one Working Interest Owner own forty percent (40%) or more of the voting interest, its negative vote or failure to vote shall not defeat any proposal unless supported by the vote of at least one or more other Working Interest Owners having at least five percent (5%) of the voting interest.

4.3.3 <u>Vote at Meeting by Non-attending Working Interest Owner</u>. Any Working Interest Owner who is not represented at a meeting may vote on any agenda item by letter, email, telegram or facsimile addressed to the representative of Unit Operator if its vote is received prior to the vote at the meeting.

4.3.4 <u>Poll Votes</u>. Working Interest Owners may vote by letter, e-mail, telegram or facsimile on any matter submitted in writing to all Working Interest Owners. If a meeting is not requested, as provided in Article 4.2, within fourteen (14) days after a written proposal is received by the Working Interest Owners, the vote taken by letter, e-mail, telegram or facsimile shall control. Failure to reply within fourteen (14) days to a matter so submitted shall be deemed a vote in agreement with the submitting party. Unit Operator shall give prompt notice of the results of such voting to each Working Interest Owner.

4.3.5 <u>Binding Effect of Vote.</u> All Working Interest Owners shall be bound for their proportionate share of all costs and expenses of Unit Operations approved by the Working Interest Owners by the vote required herein, subject to the provisions of Article 11.4 herein below.

ARTICLE 5

INDIVIDUAL RIGHTS OF WORKING INTEREST OWNERS

5.1 <u>Reservation of Rights.</u> Working Interests Owners retain all their rights, except as otherwise provided in this Agreement or the Unit Agreement.

5.2 <u>Specific Rights.</u> Each Working Interest Owner shall have, among others, the following specific rights:

5.2.1 <u>Access to Unit Area.</u> Access to the Unit Area at all reasonable times to inspect Unit Operations, all wells, and the records and data pertaining thereto.

5.2.2 <u>Reports.</u> The right to receive from Unit Operator, upon written request, copies of all reports to any governmental agency, reports of crude oil runs and stocks, inventory reports, and all other information pertaining to Unit Operations. The cost of gathering and furnishing information not ordinarily furnished by Unit Operator to all Working Interest Owners shall be charged to the Working Interest Owner that requests the information.

5.2.3 <u>Audits.</u> The right to audit the accounts of Unit Operator pertaining to Unit Operations according to the provisions of Exhibit "E."

5.3 <u>Reversionary Interest.</u> When a Tract ownership changes due to the payout (or multiple) of a well within the unit, the balance remaining to recover will be calculated on an allocated Tract basis after the effective date of the unit. Payout will be deemed to occur the first day of the month following the time that the payout balance becomes zero. Payout statements will be provided on a semi-annual basis.

ARTICLE 6

UNIT OPERATOR

6.1 Unit Operator. Luff Exploration Company is designated as the initial Unit Operator.

6.2 <u>Resignation or Removal.</u> Unit Operator may resign at any time. Unit Operator may be removed at any time by the affirmative vote of Working Interest Owners having at least ninety percent (90%) or more of the voting interest remaining after excluding the voting interest of Unit Operator. Such resignation or removal shall not become effective for a period of three (3) months after the resignation or removal, unless a successor Unit Operator has taken over Unit Operations prior to the expiration of such period.

6.3 <u>Selection of Successor.</u> Upon the resignation or removal of Unit Operator, a successor Unit Operator shall be selected by a majority vote of the Working Interest Owners. If the removed Unit Operator fails to vote or votes only to succeed itself, the successor Unit Operator shall be selected by the affirmative vote of two or more Working Interest Owners having sixty percent (60%) or more of the voting interest remaining after excluding the voting interest of the removed Unit Operator.

ARTICLE 7

AUTHORITY AND DUTIES OF UNIT OPERATOR

7.1 <u>Exclusive Right to Operate Unit</u>. Subject to the provisions of this Agreement and to instructions from Working Interest Owners, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.

7.2 <u>Workmanlike Conduct.</u> Unit Operator shall conduct Unit Operations in a good workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with Working Interest Owners and keep them informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Working Interest Owners for damages resulting from any act or omission by Unit Operator in conducting Unit Operations, unless such damages result from its gross negligence or willful misconduct.

7.3 <u>Liens and Encumbrances.</u> Unit Operator shall endeavor to keep the lands and leases in the Unit Area and Unit Equipment free from all liens and encumbrances occasioned by Unit Operations, except those provided for in Article 11.

7.4 <u>Employees.</u> The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours of labor, and compensation shall be determined by Unit Operator. Such employees shall be the employees of Unit Operator.

7.5 Records. Unit Operator shall keep correct books, accounts and records of Unit Operations.

7.6 <u>Reports to Working Interest Owners.</u> Unit Operator shall furnish to a Working Interest Owner, upon written request, annual reports of Unit Operations.

7.7 <u>Reports to Governmental Authorities.</u> Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

7.8 <u>Engineering and Geological Information.</u> Unit Operator shall furnish to a Working Interest Owner, upon written request, a copy of all logs and other engineering and geological data pertaining to wells drilled for Unit Operations.

7.9 <u>Expenditures.</u> Unit Operator is authorized to make single expenditures not in excess of Fifty Thousand Dollars (\$50,000.00) without prior approval of Working Interest Owners. In the event of an emergency, Unit Operator may immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Working Interest Owners, as promptly as possible, the nature of the emergency and the action taken.

7.10 <u>Wells Drilled by Unit Operator</u>. All wells drilled by Unit Operator shall be at the rates prevailing in the area and shall be in accordance with Exhibit "E," Accounting Procedure Joint Operations, attached hereto and made a part hereof. Unit Operator may employ its own tools and equipment, but the charge thereof should not exceed the usual prevailing rate in the area, and the work shall be performed by Unit Operator under the same terms and conditions as are usual in the area in the contracts of independent contractors doing work of a similar nature.

ARTICLE 8

TAXES

Property Taxes. Beginning with the first calendar year after the Effective Date hereof, Unit Operator shall make 8.1 and file all necessary property tax renditions and returns with the proper taxing authorities with respect to all property of each Working Interest Owner used or held by Unit Operator for Unit Operations. Unit Operator shall settle assessments arising therefrom. All such property taxes shall be paid by Unit Operator and charged to the joint account; however, if the interest of a Working Interest Owner is subject to a separately assessed overriding royalty interest, production payment, or other interest in excess of a one-eighth (1/8) royalty, such Working Interest Owner shall be given credit for the reduction in taxes paid resulting therefrom.

Other Taxes. Each Working Interest Owner shall pay or cause to be paid all production, severance, gathering, 8.2 and other taxes imposed upon or with respect to the production or handling of its share of Unitized Substances.

Income Tax Election. Notwithstanding any provisions herein that the rights and liabilities hereunder are several 8.3 and not joint or collective, or that this Agreement and operations hereunder shall not constitute a partnership, if for Federal income tax purposes this Agreement and the operations hereunder are regarded as a partnership, then each Person hereby affected elects to be excluded from the application of all of the provisions of Subchapter K, Chapter 1, Subtitle A, of the Internal Revenue Code of 1986, as permitted and authorized by Section 761 of the Code and the regulations promulgated thereunder. Unit Operator is authorized and directed to execute on behalf of each Person hereby affected such evidence of this election as may be required by the Secretary of the Treasury of the United States of the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements and the data required by Federal Regulations 1.761-1(a). Should there be any requirement that each Person hereby affected give further evidence of this election, each such Person shall execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. No such Person shall give any notices or take any other action inconsistent with the election made hereby. If any present or future income tax laws of the state or states in which the Unit Area is located or any future income tax law of the United States contain provisions similar to those in Subchapter K, Chapter 1, Subtitle A, of the Internal Revenue Code of 1986, under which an election similar to that provided by Section 761 of the Code is permitted, each Person hereby affected shall make such election as may be permitted or required by such laws. In making the foregoing election, each such Person states that the income derived by such Person from Unit Operations can be adequately determined without the computation of partnership taxable income.

ARTICLE 9

INSURANCE

- Insurance. Unit Operator, with respect to Unit Operations, shall: 9.1
 - comply with the Workers' Compensation Laws of the State, (a)
 - comply with Employer's Liability and other insurance requirements of the laws of the State, and (b)
 - provide insurance or other protection as set forth in Exhibit "F." (c)

ARTICLE 10

ADJUSTMENT OF INVESTMENTS

Property Taken Over. Upon the Effective Date, Working Interest Owners shall deliver to Unit Operator the 10.1 following:

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10.1.1 <u>Wells.</u> All wells completed in the Unitized Formation.

10.1.2 <u>Equipment</u>. The casing and tubing in each such well, the wellhead connections thereon, and all other lease and operating equipment that is used in the operation of such wells which Working Interest Owners determine is necessary or desirable for conducting Unit Operations. Working Interest Owners shall have six (6) months after this Unit Operating Agreement becomes effective in which to make such determination, and all such property that is determined to be surplus shall be returned to the Working Interest Owners in as good condition as received, considering normal wear, who delivered same to Unit Operator and such surplus shall not be considered to have been taken over under this Section.

10.1.3 <u>Records.</u> A copy of all production and well records of such wells and copies of division orders, division order title opinions and most recent division of interest detail for each such well with payee names, addresses and tax payer identification numbers.

10.2 Inventory and Evaluation. Working Interest Owners shall at Unit Expense inventory and evaluate the wells and equipment taken over. The inventory of equipment shall be limited to those items considered controllable under Exhibit "E" except, upon determination of Working Interest Owners, items considered non-controllable may be included in the inventory in order to ensure a more equitable adjustment of investment. Casing shall be included in the inventory for record purposes, but shall be excluded from pricing and investment adjustment. The method of evaluating wells and equipment shall be in accordance with Exhibit "G," attached hereto.

10.3 <u>Investment Adjustment.</u> Upon approval by Working Interest Owners of the inventory and evaluation, each Working Interest Owner shall be credited with the value of its interest in all wells and equipment taken over under Article 10.1 and evaluated under Article 10.2, and shall be charged with an amount equal to that obtained by multiplying the total value of all wells and equipment taken over under Article 10.1 and evaluated under Article 10.2 by each Working Interest Owner's Unit Participation readjusted to Phase II levels at the start of Phase II in accordance with Exhibit "G," attached hereto. If the charge against any Working Interest Owner is greater than the amount credited to such Working Interest Owner, the resulting net charge shall be an item of Unit Expense chargeable against such Working Interest Owner. If the credit to any Working Interest Owner is greater than the amount charged against such Working Interest Owner, the resulting net credit shall be paid to such Working Interest Owner by Unit Operator out of funds received by it in settlement of the net charges described above.

10.4 <u>General Facilities.</u> The acquisition of warehouses, warehouse stocks, lease houses, camps, facility systems and office buildings necessary for Unit Operations shall be by negotiation by the owners thereof and Unit Operator, subject to the approval of Working Interest Owners.

10.5 <u>Ownership of Property and Facilities.</u> Each Working Interest Owner, individually, shall by virtue hereof own an undivided interest, equal to its Unit Participation in all wells, equipment and facilities taken over or otherwise acquired by Unit Operator pursuant to this Agreement.

ARTICLE 11

UNIT EXPENSE

11.1 <u>Basis of Charge to Working Interest Owners.</u> Unit Operator initially shall pay all Unit Expense. Each Working Interest Owner shall reimburse Unit Operator for its share of Unit Expense. Each Working Interest Owners's share shall be the same as its Unit Participation in proportion to its respective Unit Participation for the phase-in-effect, provided however, the costs associated with the drilling of new wells, the reworking of wells (including horizontal re-entries), conversion of wells to injection, the construction of injection plants and water supply systems and all other capital expenses during Phase I shall be readjusted to Phase II levels at the start of Phase II in accordance with Exhibit "G," attached hereto. All charges, credits and accounting for Unit Expense shall be in accordance with Exhibit "E."

11.2 <u>Advance Billings.</u> Unit Operator shall have the right to require Working Interest Owners to advance their respective shares of estimated Unit Expense as provided by Exhibit "E."

11.3 <u>Commingling of Funds.</u> Funds received by Unit Operator under this Agreement need not be segregated or maintained by it as a separate fund, but may be commingled with its own funds.

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11.4 Participation in Approved Unit Expense.

(a) <u>Approved Unit Expenses.</u> Prior to incurring any item of Unit Expense for which approval of the Working Interest Owners is required by Article 3.2.4 of this Agreement (an "Approved Unit Expense"), but subsequent to the approval thereof, the Unit Operator shall give written notice of the expenditure to each Working Interest Owner and the Working Interest Owner shall have thirty (30) days after the receipt of the notice within which to elect to participate in the cost of the Unit Expense. In unusual circumstances, however, said election may be required in less than thirty days, but in no circumstances shall said election be required in less than fifteen days. Such notice of expenditure shall include a notice that, in the event of an election not to participate, the Unit Operator intends to impose a penalty and that any party may file an application or request for hearing with the South Dakota Department of Environment & Natural Resources Board of Minerals and Environment. Failure of a Working Interest Owner to whom such notice is delivered to reply within the period above fixed shall constitute an election by that party not to participate in the cost of the Unit Expense. If all Working Interest Owners to whom such notice is delivered elect to participate in such a Unit Expense, the Working Interest Owners shall be contractually committed to participate therein, provided that the Unit Operator shall, no later than ninety (90) days after the expiration of the above notice period actually commence the activity or operation so approved and thereafter complete it with due diligence at the risk and expense of the Working Interest Owners participating therein.

(b) Determination of Participation. If any Working Interest Owner to whom notice is delivered as provided in Article 11.4(a) of the Agreement elects not to participate in an Approved Unit Expense (such an owner a "Non-consenting Working Interest Owner"), then, in order to be entitled to the benefits of this Article, the Unit Operator and such other Working Interest Owners as shall elect to participate in the Approved Unit Expense (collectively, the "Consenting Working Interest Owners") shall, no later than ninety (90) days after the expiration of the notice period of thirty (30) days actually commence the activity or operation so approved and thereafter complete it with due diligence. If less than all parties elect to participate, the Unit Operator shall, immediately after the expiration of the thirty (30) day notice period, advise all Consenting Working Interest Owners of the total interest of the Consenting Working Interest Owners and its recommendation whether the Consenting Working Interest Owners should proceed with the operation or activity as proposed. Each Consenting Working Interest Owner, within forty-eight (48) hours of receipt of such notice, exclusive of Saturdays, Sundays and legal holidays, shall advise the Unit Operator of its desire to (i) limit participation to its interest in the Unit, (ii) carry only its proportionate part (determined by dividing such party's interest in the Unit by the interests of all Consenting Working Interest Owners in the Unit) of any Non-consenting Working Interest Owner's interest, or (iii) carry its proportionate part (as determined above) of the Non-consenting Working Interest Owners' interests together with all or a portion of its proportionate part of any Non-consenting Working Interest Owners' interests that any Consenting Working Interest Owner did not elect to take. Any interest of Non-consenting Working Interest Owners' interests that is not carried by a Consenting Working Interest Owner shall be deemed to be carried by the proposing party. The proposing party, at its election, may withdraw any proposal for an operation or activity if there is less than 100% participation and shall notify all parties of such decision within ten (10) days. If 100% subscription is obtained, the Unit Operator shall promptly notify the Consenting Working Interest Owners of their proportionate interests in the Approved Unit Expense and shall commence such operation within the period provided for in Article 11.4(a) of this Agreement.

(c) <u>Relinquishment of Interest for Non-participation</u>. Upon commencement of any operation or activity in which one or more Working Interest Owners has elected not to participate pursuant to Article 11.4(b), any such Non-consenting Working Interest Owner shall be deemed to have relinquished to the Consenting Working Interest Owners , and the Consenting Working Interest Owner's shall own and be entitled to receive, in proportion to their respective interest, all of such Non-consenting Working Interest Owner's interest in the Unit and Unitized Substances. Such relinquishment shall be effective until the proceeds received for the sale of such share of Unitized Substances, of the market value thereof if such share is not sold (after deducting applicable ad valorem, production, severance, and excise taxes, royalty, overriding royalty, and other interests payable out of or measured by the production from the Unit) shall equal 300% of the Non-consenting Working Interest Owner's share of the Approved Unit Expense if the Non-consenting Working Interest Owner's interest is derived from a lease or other contract for development or 200% of the Non-consenting Working Interest Owner's share of the Approved Unit Expense if the Non-consenting Working Interest Owner's share of the Approved Unit Expense is not subject to a lease or other contract for development.

(d) <u>Other Unit Expense</u>. Notwithstanding any election not to participate in an Approved Unit Expense and the subsequent relinquishment of any interest in the Unit or Unitized Substances, a Working Interest Owner who has made such an election shall continue to be responsible for all other Unit Expense incurred, including all Unit Expense incurred during a period of relinquishment. Additionally, notwithstanding the relinquishment of any interest pursuant to Article 11.4(c) of this Agreement, a Non-consenting Working Interest Owner shall, during such period of relinquishment, continue to be entitled to vote on any Unit Expense requiring approval of the Working Interest Owners and shall be entitled to elect whether or not to participate in any Approved Unit Expense.

(e) <u>Recoupment Matters</u>. During the period of time Consenting Working Interest Owners are entitled to receive Non-Consenting Working Interest Owner's share of production, or the proceeds therefrom, Consenting Working Interest Owners

shall be responsible for the payment of all ad valorem, production, severance, excise, gathering and other taxes, and all royalty, overriding royalty and other burdens applicable to the Non-Consenting Working Interest Owner's share of production.

(f) <u>Failure to Pay by Participating Working Interest Owner</u>. Notwithstanding the provisions of Article 11.5 and 11.6 hereof, in the event any Participating Working Interest Owner fails to pay when due its proportionate share of any Approved Unit Expense in which it has elected to participate, the Unit Operator may (i) sue, at the expense of the Unit, to recover the amounts in default together with interest at the rate set forth in Exhibit "E" and reasonable attorney's fees; or (ii) deliver a written notice of non-consent election and the defaulting party, upon failure to pay all amounts due within 10 (ten) days of receipt of such written notice, be conclusively deemed to have elected not to participate in the operation and to be a Non-consenting Working Interest Owner.

11.5 <u>Unpaid Unit Expense.</u> If any Working Interest Owner fails or is unable to pay its share of Unit Expense when due, other than a Unit Expense for which approval of the Working Interest Owners is required, the non-defaulting Working Interest Owners shall, at the option of and upon request by Unit Operator, pay the unpaid amount as if it were Unit Expense in the proportion that the Unit Participation of each such Working Interest Owner bears to the Unit Participation of all such Working Interest Owners. Each Working Interest Owner so paying its share of the unpaid amount shall, to obtain reimbursement thereof, be subrogated to the security rights described in Article 11.6 of this Agreement.

Security Rights. In addition to any other security rights and remedies provided for by the laws of this State with 11.6 respect to services rendered or materials and equipment furnished under this Agreement, each Working Interest Owner grants to Unit Operator a lien upon its Oil and Gas Rights in each Tract, and a security interest in its share of Unitized Substances when extracted and its interest in all Unit Equipment credited thereto, to secure payment of its share of Unit Expense, together with interest thereon at the rate set forth in Exhibit "E" or the maximum rate allowed by law, whichever is less. To the extent that Unit Operator has a security interest under the Uniform Commercial Code of the State, Unit Operator shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Unit operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment of defaulting Working Interest Owner's share of Unit Expense. If any Working Interest Owner does not pay its share of Unit Expense when due, or if any Working Interest Owner elects to be carried or otherwise financed, Unit Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Working Interest Owner's share of Unitized Substances until the amount owed, plus interest at the rate herein provided, has been paid. Each purchaser shall be entitled to rely on Unit Operator's statement concerning the amount owed and the interest payable thereon. Operator grants a like lien and security interest to the Working Interest Owners to secure payment of Unit Operator's proportionate share of Unit Expense. The Working Interest Owners authorize Unit Operator to file of record in the State of South Dakota and Harding County a memorandum of agreement referencing this Unit Operating Agreement and the lien and security rights herein granted.

11.7 <u>Carved-Out Interests.</u> Any overriding royalty, production payment, net proceeds interest, carried interest or any other interest carved out of a Working Interest shall be subject to this Agreement. If a Working Interest Owner does not pay its share of Unit Expense and the proceeds from the sale of unitized Substances under Article 11.6 are insufficient for that purpose, the security rights provided for therein may be applied against the carved-out interests with which such Working Interest is burdened. In such event, the owner of such carved-out interest shall be subrogated to the security rights granted by Article 11.6.

11.8 <u>Pre-Unitization Expense</u>. Prior to Effective Date, Unit Operator has incurred certain costs and expenses for and on behalf of the Working Interest Owners in anticipation of the Unit Agreement and this Agreement becoming effective. Such costs, as approved by the Working Interest Owners shall herein be referred to as "Pre-Unitization Expenses." As soon as practicable after the Effective Date of this Agreement and approval by the Working Interest Owners, Pre-Unitization Expenses shall be reallocated and billed among all Working Interest Owners in accordance with the Unit Participation interest of each such owner. For the purposes of this Agreement, all Pre-Unitization Expenses shall be considered an item of Unit Expense.

11.9 <u>Existing Non-Consent Interests</u>. Any interest which is in a non-consent status as of the effective date of the unit shall remain in a non-consent status until the payout balance has been satisfied out of unit production attributable to the affected tract. The owners of such non-consent interest shall continue to own the interest in the unit until the payout balance has been reduced to zero.

11.9.1 <u>Confirmation of Existing Payout Balances.</u> The operator of any well which contains a non-consenting interest shall, within ten (10) days after this Agreement becomes effective, furnish to the Unit Operator, a payout summary for

each such well showing 1) all parties in a non-consent status, and 2) the current payout balance for each party.

11.9.2 <u>Payment of Unit Expenses</u>. The owner of a non-consenting interest on the effective date of the unit shall be responsible for the non-consenting party's share of all expenses incurred by virtue of unit operations. All unit costs and expenses attributable to a non-consenting interest shall be added to the payout balance for the non-consenting party, including but not limited to, monthly unit overhead, employee benefits assessments, taxes, insurance and other costs which may reasonably be assessed to a non-consenting interest. Costs incurred after the effective date of unitization shall be recouped by the party owning a non-consenting interest, but shall not be subject to any additional penalty.

11.9.3 <u>Revenue Attributable to Non-Consent Interests.</u> The party owning a non-consenting interest shall be entitled to receive all revenues attributable to such interest until such time as the amount received is equal to the payout balance for the non-consenting interest.

11.9.4 <u>Reversion of Non-Consent Interests.</u> Effective at 7:00am Mountain Time on the first day of the month following the month in which revenues attributable to the non-consent interest exceed the payout balance for such non-consent interest, the interest shall revert to the record title owner. The working interest of all affected parties shall be revised accordingly. Thereafter the record title owner shall be responsible for payment of all costs attributable to such interest, and shall receive all revenues derived from such interest.

11.10 <u>Election to Pay Off Entire Payout Balance</u>. Any party who owns record title to an interest which is in a nonconsent status as of the effective date of this Agreement, or at any time thereafter, may elect to pay off the entire amount of the payout balance. Any party so desiring shall tender to Operator the full amount due effective on the last day of the month that such party elects to make payment. Effective at 7:00am Mountain Time on the first day of the succeeding month the non-consent interest shall revert to the record title owner. The working interest of all affected parties shall be revised accordingly. Thereafter the record title owner shall be responsible for payment of all costs attributable to such interest, and shall receive all revenues derived from such interest.

ARTICLE 12

NON-UNITIZED FORMATIONS

12.1 <u>Right to Operate.</u> Any Working Interest Owner that now has or hereafter acquires the right to drill for and produce oil, gas or other minerals from a formation underlying the Unit Area other than the Unitized Formation, shall have the right to do so notwithstanding this Agreement or the Unit Agreement. In exercising the right, however, such Working Interest Owner shall exercise care to prevent unreasonable interference with Unit Operations. No Working Interest Owner other than Unit Operator shall produce Unitized Substances. If any Working Interest Owner drills any well into or through the Unitized Formation shall be protected in a manner satisfactory to Working Interest Owners so that the production of Unitized Substances will not be affected adversely.

ARTICLE 13

LIABILITY, CLAIMS, AND SUITS

13.1 <u>Individual Liability.</u> The duties, obligations and liabilities of Working Interest Owners shall be several and not joint or collective; and nothing herein shall ever be construed as creating a partnership of any kind, joint venture, association or trust among Working Interest Owners.

13.2 <u>Settlements.</u> Unit Operator may settle any single damage claim or suit involving Unit Operations if the expenditure does not exceed Twenty Five Thousand Dollars (\$25,000.00), and if the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above amount, Working Interest Owners shall determine the further handling of the claim or suit. All costs and expense of handling, settling or otherwise discharging such claim or suit shall be an item of Unit Expense, subject to such limitation as is set forth in Exhibit "E." If a claim is made against any Working Interest Owner or if any Working Interest Owner is sued on account of any matter arising from Unit Operations over which such Working Interest Owner individually has no control because of the rights given Working Interest Owners and Unit Operator by this Agreement and the Unit Agreement, the Working Interest Owner shall immediately notify the Unit Operator, and the claim

or suit shall be treated as any other claim or suit involving Unit Operations.

13.3 <u>Notice of Loss.</u> Unit Operator shall report to Working Interest Owners as soon as practicable after each occurrence, damage or loss to Unit Equipment, and each accident, occurrence, claim or suit involving third-party bodily injury or property damage not covered by insurance carried for the benefit of Working Interest Owners.

ARTICLE 14

NOTICES

14.1 <u>Notices.</u> All notices required hereunder shall be in writing and shall be deemed to have been properly served when sent by mail, email, facsimile, or telegram to the address of the representative of each Working Interest Owner as furnished to Unit Operator in accordance with Article 4.

ARTICLE 15

WITHDRAWAL OF WORKING INTEREST OWNER

Withdrawal. A Working Interest Owner may withdraw from this Agreement by transferring, without warranty 15.1 of title either express or implied, to the Working Interest Owners who do not desire to withdraw all its Oil and Gas Rights, exclusive of Royalty Interests, together with its interest in all Unit Equipment and in all wells used in Unit Operations, provided that such transfer shall not relieve such Working Interest Owner from any obligation or liability incurred prior to the first day of the month following receipt by Unit Operator of such transfer. The delivery of the transfer shall be made to Unit Operator for the transferees. The transferred interest shall be owned by the transferees in proportion to their respective Unit Participations in effect at the time of the transfer. The transferees, in proportion to the respective interests so acquired, shall pay the transferor for its interest in Unit Equipment, the salvage value thereof less its share of the estimated cost of salvaging same, and of plugging and abandoning all wells then being used or held for Unit Operations, as determined by Working Interest Owners. In the event such withdrawing owner's interest in the aforesaid salvage value is less than such owner's share of such estimated costs, the withdrawing owner, as a condition precedent to withdrawal, shall pay the Unit Operator, for the benefit of Working Interest Owners succeeding to its interest, a sum equal to the deficiency. Within sixty (60) days after receiving delivery of the transfer, Unit Operator shall render a final statement to the withdrawing owner for its share of Unit Expense, including any deficiency in salvage value, as determined by Working Interest Owners, incurred as of the first day of the month following the date of receipt of the transfer. Provided all Unit Expense, including any deficiency hereunder, due from the withdrawing owner has been paid in full within thirty (30) days after the rendering of such final statement by the Unit Operator, the transfer shall be effective the first day of the month following its receipt by Unit Operator and, as of such effective date, withdrawing owner shall be relieved from all further obligations and liabilities hereunder and under the Unit Agreement, and the rights of the withdrawing Working Interest owner hereunder and under the Unit Agreement shall cease insofar as they existed by virtue of the interest transferred.

15.2 <u>Limitation on Withdrawal.</u> Notwithstanding anything set forth in Article 15.1, Working Interest Owners may refuse to permit the withdrawal of a Working Interest Owner if its Working Interest is burdened by any royalties, overriding royalties, production payments, net proceeds interest, carried interest, or any other interest created out of the Working Interest in excess of existing Land Owner's Royalty, unless the other Working Interest Owners willing to accept the assignment agree to accept the Working Interest subject to such burdens.

ARTICLE 16

ABANDONMENT OF WELLS

16.1 <u>Rights of Former Owners.</u> If Working Interest Owners determine to permanently abandon any well within the Unit Area prior to termination of the Unit Agreement, the Unit Operator shall give written notice thereof to the Working Interest Owners of the Tract on which the well is located, and they shall have the option for a period of sixty (60) days after the sending of such notice to notify the Unit Operator in writing of their election to take over and own the well. Within ten (10) days after the Working Interest Owners of the Tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount determined by Working Interest Owners to be the net salvage value of the casing and equipment, through the wellhead, in and on the well. The Working Interest Owners of the Tract, by taking over the

well, agree to seal off the Unitized Formation, and upon abandonment to plug the well in compliance with applicable laws and regulations.

16.2 <u>Plugging</u>. If the Working Interest owners of a Tract do not elect to take over a well located within the Unit Area that is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 17

EFFECTIVE DATE AND TERM

17.1 Effective Date. This Agreement shall become effective when the Unit Agreement becomes effective.

17.2 <u>Term.</u> This Agreement shall continue in effect so long as the Unit Agreement remains in effect, and thereafter until (a) all Unit wells have been plugged and abandoned or turned over to Working Interest Owners in accordance with Article 18; (b) all Unit Equipment and real property acquired for the joint account have been disposed of by Unit Operator in accordance with instructions of Working Interest Owners; and (c) there has been a final accounting.

ARTICLE 18

ABANDONMENT OF OPERATIONS

18.1 <u>Termination</u>. Upon termination of the Unit Agreement, the following will occur:

18.1.1 <u>Oil and Gas Rights.</u> Oil and Gas Rights in and to each separate Tract shall no longer be affected by this Agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts and other instruments affecting the separate Tracts.

18.1.2 <u>Right to Operate.</u> Working Interest Owners of any Tract that desire to take over and to continue to operate wells located thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage value, as determined by Working Interest Owners, of the casing and equipment, through the wellhead, in and on the wells taken over and by agreeing upon abandonment to plug each well in compliance with applicable laws and regulations.

18.1.3 <u>Salvaging Wells.</u> Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Working Interest Owners of separate Tracts as can economically and reasonably be salvaged, and shall cause the wells to be plugged and abandoned in compliance with applicable laws and regulations.

18.1.4 Cost of Abandonment. The cost of abandonment of Unit Operations shall be Unit Expense.

18.1.5 <u>Distribution of Assets.</u> Working Interest Owners shall share in the distribution of Unit Equipment, or the proceeds thereof, in proportion to their Unit Participations in effect at the time of the distribution.

ARTICLE 19

APPROVAL

19.1 <u>Original, Counterpart or Other Instrument.</u> An owner of a Working Interest may approve this Agreement by signing the original, a counterpart thereof or other instrument approving this Agreement. The signing of any such instrument shall have the same effect as if all Persons had signed the same instrument.

ARTICLE 20

SUCCESSORS AND ASSIGNS

20.1 Successors and Assigns. This Agreement shall extend to, be binding upon, and inure to the benefit of the

Persons hereto and their respective heirs, devisees, legal representatives, successors and assigns, and shall constitute a covenant running with the lands, leases and interests covered hereby.

IN WITNESS WHEREOF, this Agreement is approved on the dates opposite the respective signatures.

UNIT OPERATOR

Luff Exploration Company

Sharon K. Berget, Assistant Sec

1580 Lincoln Street, Suite 850

Denver, Colorado 80203

Kenneth D. Luff, President

Kenneth D. Luff, Presid

Date of Execution:

Mat 11, 2012

STATE OF COLORADO)

C

Attest:

Address:

) ss. COUNTY OF DENVER)

The foregoing instrument was acknowledged before me this <u>11th</u> day of <u>May</u>, 2012, by Kenneth D. Luff, President of Luff Exploration Company.

Witness my hand and official seal.

My Commission Expires: January 11, 2016

C. M. Espinosa - Carpenter.



UNIT OPERATOR SIGNATURE PAGE TRAVERS RANCH RED RIVER UNIT OPERATING AGREEMENT HARDING COUNTY, SOUTH DAKOTA

EXHIBITS "A", "B", "C" and "D"

Refer to the Unit Agreement for the Travers Ranch Red River Unit dated May 11, 2012, Harding County, South Dakota.

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	EXHIBIT " E "
Ätta	ched to and made a part of the Travers Ranch Red River Unit Operating Agreement dated May 11, 2012
	Harding County, South Dakota
	ACCOUNTING PROCEDURE
	JOINT OPERATIONS
	I. GENERAL PROVISIONS
1.	Definitions
	"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedu is attached.
,	"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection ar maintenance of the Joint Property.
	"Joint Account" shall mean the account showing the charges paid and credits received in the conduct of the Join Operations and which are to be shared by the Parties.
	"Operator" shall mean the party designated to conduct the Joint Operations. "Non-Operators" shall mean the Parties to this agreement other than the Operator. "Parties" shall mean Operator and Non-Operators.
	"First Level Supervisors" shall mean those employees whose primary function in Joint Operations is the directive supervision of other employees and/or contract labor directly employed on the Joint Property in a field operation capacity.
	"Technical Employees" shall mean those employees having special and specific engineering, geological or othe professional skills, and whose primary function in Joint Operations is the handling of specific operating conditions and
	problems for the benefit of the Joint Property. "Personal Expenses" shall mean travel and other reasonable reimbursable expenses of Operator's employees. "Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property. "Controllable Material" shall mean Material which at the time is so classified in the Material Classification Manual a most recently recommended by the Council of Petroleum Accountants Societies.
2.	Statement and Billings
	Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of the Join Account for the preceding month. Such bills will be accompanied by statements which identify the authority for expenditure, lease or facility, and all charges and credits summarized by appropriate classifications of investment an expense except that items of Controllable Material and unusual charges and credits shall be separately identified an fully described in detail.
3.	Advances and Payments By Non-Operators
	A. Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation within fifteen (15) days after receipt of the billing or by the first day of the month for which the advance is required, whichever is later. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.
	B. Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is no made within such time, the unpaid balance shall bear interest monthly at the prime rate in effect a of 1.5% per
4.	Adjustments
	Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof provided, however, all bills and statements rendered to Non-Operators by Operator during any calendar year shal conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and make claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of Controllable Material as provided for in Section V.

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5. Audits

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A. A Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the Joint Account for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided, however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct a joint audit in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator. The audits shall not be conducted more than once each year without prior approval of Operator, except upon the resignation or removal of the Operator, and shall be made at the expense of those Non-Operators approving such audit.

B. The Operator shall reply in writing to an audit report within 180 days after receipt of such report.

6. Approval By Non-Operators

Where an approval or other agreement of the Parties or Non-Operators is expressly required under other sections of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, Operator shall notify all Non-Operators of the Operator's proposal, and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. Ecological and Environmental

Costs incurred for the benefit of the Joint Property as a result of governmental or regulatory requirements to satisfy environmental considerations applicable to the Joint Operations. Such costs may include surveys of an ecological or archaeological nature and pollution control procedures as required by applicable laws and regulations.

2. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

3. Labor

- A. (1) Salaries and wages of Operator's field employees directly employed on the Joint Property in the conduct of Joint Operations. **
 - (2) Salaries of First Level Supervisors in the field.
 - (3) Salaries and wages of Technical Employees directly employed on the Joint Property if such charges are excluded from the overhead rates.
 - (4) Salaries and wages of Technical Employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property if such charges are excluded from the overhead rates.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II. Such costs under this Paragraph 3B may be charged on a "when and as paid basis" or by "percentage assessment on the amount of salaries and wages chargeable to the Joint Account under Paragraph 3A of this Section II. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's costs chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II.
- D. Personal Expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 3A of this Section II.

4. Employee Benefits

Operator's current costs of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 3A and 3B of this Section II shall be Operator's actual cost not to exceed the percent most recently recommended by the Council of Petroleum Accountants Societies.

**including salaries and wages of field personnel assigned or hired to relieve Operator's field employees because of holidays, vacations, sickness, accident or other excused absences with pay.

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5. Material

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 Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. Only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use and is reasonably practical and consistent with efficient and economical operations. The accumulation of surplus stocks shall be avoided.

6. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store where like material is normally available or railway receiving point nearest the Joint Property unless agreed to by the Parties.
- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store where like material is normally available, or railway receiving point nearest the Joint Property unless agreed to by the Parties. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by the Parties.
- C. In the application of subparagraphs A and B above, the option to equalize or charge actual trucking cost is available when the actual charge is \$400 or less excluding accessorial charges. The \$400 will be adjusted to the amount most recently recommended by the Council of Petroleum Accountants Societies.

7. Services

The cost of contract services, equipment and utilities provided by outside sources, except services excluded by Paragraph 10 of Section II and Paragraph i, ii, and iii, of Section III. The cost of professional consultant services and contract services of technical personnel directly engaged on the Joint Property if such charges are excluded from the overhead rates. The cost of professional consultant services or contract services of technical personnel not directly engaged on the Joint Property shall not be charged to the Joint Account unless previously agreed to by the Parties.

- 8. Equipment and Facilities Furnished By Operator

 - B. In lieu of charges in paragraph 8A above, Operator may elect to use average commercial rates prevailing in the immediate area of the Joint Property less 20%. For automotive equipment, Operator may elect to use rates published by the Petroleum Motor Transport Association.
- 9. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except those resulting from Operator's gross negligence or willful misconduct. Operator shall furnish Non-Operator written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

10. Legal Expense

title materials and examination of title, Expense of handling, investigating and settling litigation or claims,/discharging of liens, payment of judgments and amounts paid for settlement of claims incurred in or resulting from operations under the agreement or necessary to protect or recover the Joint Property, except that no charge for services of Operator's legal staff or fees or expense of outside attorneys shall be made unless previously agreed to by the Parties. All other legal expense is considered to be -covered by the overhead provisions of Section III unless otherwise agreed to by the Parties, except as provided in Section 1, Paragraph 3.

11. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties. If the ad valorem taxes are based in whole or in part upon separate valuations of each party's working interest, then notwithstanding anything to the contrary herein, charges to the Joint Account shall be made and paid by the Parties hereto in accordance with the tax value generated by each party's working interest.

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12. Insurance

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Net premiums paid for insurance required to be carried for the Joint Operations for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Worker's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its selfinsurance program and in that event, Operator shall include a charge at Operator's cost not to exceed manual rates.

13. Abandonment and Reclamation

Costs incurred for abandonment of the Joint Property, including costs required by governmental or other regulatory authority.

14. Communications

Cost of acquiring, leasing, installing, operating, repairing and maintaining communication systems, including radio and microwave facilities directly serving the Joint Property. In the event communication facilities/systems serving the Joint Property are Operator owned, charges to the Joint Account shall be made as provided in Paragraph 8 of this Section 11.

15. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III and which is of direct benefit to the Joint Property and is incurred by the Operator in the necessary and proper conduct of the Joint Operations.

III. OVERHEAD

Overhead - Drilling and Producing Operations

As compensation for administrative, supervision, office services and warehousing costs, Operator shall charge i. drilling and producing operations on either:

(X) Fixed Rate Basis, Paragraph IA, or -) Percentage Basis, Paragraph IB-

Unless otherwise agreed to by the Parties, such charge shall be in lieu of costs and expenses of all offices and salaries or wages plus applicable burdens and expenses of all personnel, except those directly chargeable under Paragraph 3A, Section II. The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by the Parties as a direct charge to the Joint Account.

The salaries, wages and Personal Expenses of Technical Employees and/or the cost of professional consultant ii. services and contract services of technical personnel directly employed on the Joint Property:

) shall be covered by the overhead rates, or

(X) shall not be covered by the overhead rates.

iii. The salaries, wages and Personal Expenses of Technical Employees and/or costs of professional consultant services and contract services of technical personnel either temporarily or permanently assigned to and directly employed in the operation of the Joint Property:

-) shall be covered by the overhead rates, or-
- (x) shall not be covered by the overhead rates.
- Overhead Fixed Rate Basis A.

(1) Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate \$ 11,187 (Prorated for less than a full month)

Producing Well Rate \$ 1,443

- Application of Overhead Fixed Rate Basis shall be as follows: (2)
 - Drilling Well Rate (a)
 - (1)Charges for drilling wells shall begin on the date the well is spudded and terminate on the date the drilling rig, completion rig, or other units used in completion of the well is released,

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				whichever is later, except that no charge shall be completion operations for fifteen (15) or more consec	made during suspension of drilling or
			(2)	Charges for wells undergoing any type of workover consecutive work days or more shall be made at the applied for the period from date workover opera workover, commence through date of rig or other un made during suspension of operations for fifteen (15)	or recompletion for a period of five (5) drilling well rate. Such charges shall be ations, with rig or other units used in hit release, except that no charge shall be
		(b)	Prod	ucing Well Rates	
			(1)	An active well either produced or injected into a considered as a one-well charge for the entire month.	for any portion of the month shall be
			(2)	Each active completion in a multi-completed well down hole shall be considered as a one-well charge p separate well by the governing regulatory authority.	in which production is not commingled roviding each completion is considered
			(3)	An inactive gas well shut in because of overproduc production shall be considered as a one-well cha connected to a permanent sales outlet.	ction or failure of purchaser to take the urge providing the gas well is directly
		×.	(4)	A one-well charge shall be made for the month operations are completed on any well. This one-well well has produced except when drilling well rate appl	charge shall be made whether or not th
			(5)	All other inactive wells (including but not limited to lease allowable, transferred allowable, etc.) shall not	inactive wells covered by unit allowable qualify for an overhead charge.
	(3)	The agree COP	ement	ttes shall be adjusted as of the first day of April each to which this Accounting Procedure is attached by the p	year following the effective date of the percent increase or decrease published by
	-B. Ove	rhead-	Perce	Mage Basis-	
	-(1)-	Oper	ator sh	all charge the Joint Account at the following rates:-	
		(0)		lopment-	
		(4)	2011		
			costs	Percent (%) of the cost of develop provided under Paragraph 10 of Section II and all salve	oment of the Joint Property exclusive o age credits.
		(b)	Oper	ating	
			subs	Percent (%) of the cost of operative ided under Paragraphs 2 and 10 of Section II, all tances purchased for secondary recovery and all ta- ssed and paid upon the mineral interest in and to the Joi	salvage credits, the value of injecte
	(2)	App	lication	of Overhead - Percentage Basis shall be as follows:	
		deve oper inter expe cons diso	lopme ations val on nditure tructio	rpose of determining charges on a percentage basis on any or all wells involving the use of drilling rig and the Joint Property; also, preliminary expenditures n is invurred in abandoning when the well is not compl in or installation of fixed assets, the expansion of fix as a fixed asset, except Major Construction as define shall be considered as operating.	, redrilling, deepening, or any remedia crew capable of drilling to the producin, ecessary in preparation for drilling an- leted as a producer, and original cost o ced assets and any other project clearl
	Overhead	- Maje	or Con	struction	
2.			perator	for overhead costs incurred in the Construction and ins	stallation of fixed assets, the expansion of
2.	fixed asset Joint Prop Account fo	s, and a erty, O	any oth perator read ba	er project clearly discernible as a fixed asset required shall either negotiate a rate prior to the beginning of sed on the following rates for any Major Construction p \$300,000	for the development and operation of th of construction, or shall charge the Join
2.	fixed asset Joint Prop	s, and a erty, O	any oth perator read ba	shall either negotiate a rate prior to the beginning of sed on the following rates for any Major Construction p	for the development and operation of the form of the form of the share the Join project in excess of \$_50,000 ::

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1 % of costs in excess of \$1,000,000.

Total cost shall mean the gross cost of any one project. For the purpose of this paragraph, the component parts of a single project shall not be treated separately and the cost of drilling and workover wells and artificial lift equipment shall be excluded.

3. Catastrophe Overhead

To compensate Operator for overhead costs incurred in the event of expenditures resulting from a single occurrence due to oil spill, blowout, explosion, fire, storm, hurricane, or other catastrophes as agreed to by the Parties, which are necessary to restore the Joint Property to the equivalent condition that existed prior to the event causing the expenditures, Operator shall either negotiate a rate prior to charging the Joint Account or shall charge the Joint Account for overhead based on the following rates:

A. 5 % of total costs through \$100,000; plus

3 % of total costs in excess of \$100,000 but less than \$1,000,000; plus

C. <u>1</u> % of total costs in excess of \$1,000,000.

Expenditures subject to the overheads above will not be reduced by insurance recoveries, and no other overhead provisions of this Section III shall apply.

4. Amendment of Rates

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The overhead rates provided for in this Section III may be amended from time to time only by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. PRICING OF JOINT ACCOUNT MATERIAL PURCHASES, TRANSFERS AND DISPOSITIONS

Operator is responsible for Joint Account Material and shall make proper and timely charges and credits for all Material movements affecting the Joint Property. Operator shall provide all Material for use on the Joint Property; however, at Operator's option, such Material may be supplied by the Non-Operator. Operator shall make timely disposition of idle and/or surplus Material, such disposal being made either through sale to Operator or Non-Operator, division in kind, or sale to outsiders. Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus condition A or B Material. The disposal of surplus Controllable Material not purchased by the Operator shall be agreed to by the Parties.

1. Purchases

Material purchased shall be charged at the price paid by Operator after deduction of all discounts received. In case of Material found to be defective or returned to vendor for any other reasons, credit shall be passed to the Joint Account when adjustment has been received by the Operator.

2. Transfers and Dispositions

Material furnished to the Joint Property and Material transferred from the Joint Property or disposed of by the Operator, unless otherwise agreed to by the Parties, shall be priced on the following basis exclusive of cash discounts:

- A. New Material (Condition A)
 - (1) Tubular Goods Other than Line Pipe
 - (a) Tubular goods, sized 2 3/8 inches OD and larger, except line pipe, shall be priced at Eastern mill published carload base prices effective as of date of movement plus transportation cost using the 80,000 pound carload weight basis to the railway receiving point nearest the Joint Property for which published rail rates for tubular goods exist. If the 80,000 pound rail rate is not offered, the 70,000 pound or 90,000 pound rail rate may be used. Freight charges for tubing will be calculated from Lorain, Ohio and casing from Youngstown, Ohio.
 - (b) For grades which are special to one mill only, prices shall be computed at the mill base of that mill plus transportation cost from that mill to the railway receiving point nearest the Joint Property as provided above in Paragraph 2.A.(1)(a). For transportation cost from points other than Eastern mills, the 30,000 pound Oil Field Haulers Association interstate truck rate shall be used.
 - (c) Special end finish tubular goods shall be priced at the lowest published out-of-stock price, f.o.b. Houston, Texas, plus transportation cost, using Oil Field Haulers Association interstate 30,000 pound truck rate, to the railway receiving point nearest the Joint Property.

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		(d)	Macaroni tubing (size less than 2 3/8 inches OD) shal prices f.o.b. the supplier plus transportation costs, us truck rate per weight of tubing transferred, to the raily	ing the Oil Field Haulers Association interstate
	(2)	Line	Pipe	(a) An and the second state of the second s
		(a)	Line pipe movements (except size 24 inch OD and pounds or more shall be priced under provisions of provided above. Freight charges shall be calculated fre	tubular goods pricing in Paragraph A (1)(a) as
		(b)	Line pipe movements (except size 24 inch OD and 30,000 pounds shall be priced at Eastern mill publis shipment, plus the percent most recently recommend on freight rates as set forth under provisions of tu provided above. Freight charges shall be calculated fro	hed carload base prices effective as of date of ed by COPAS, plus transportation costs based bular goods pricing in Paragraph $A(1)(a)$ as
		(c)	Line pipe 24 inch OD and over and 3/4 inch wall manufacture at current new published prices plus tran nearest the Joint Property.	and larger shall be priced f.o.b. the point of nsportation cost to the railway receiving point
		(d)	Line pipe, including fabricated line pipe, drive pipe a shall be priced at quoted prices plus freight to the rail or at prices agreed to by the Parties.	and conduit not listed on published price lists way receiving point nearest the Joint Property
	(3)	suppl	r Material shall be priced at the current new price, in eff ly store nearest the Joint Property, or point of manufact ailway receiving point nearest the Joint Property.	fect at date of movement, as listed by a reliable ture, plus transportation costs, if applicable, to
	(4)	new point	ed new Material, except tubular goods, moved from the price, in effect on date of movement, as listed by a relia of manufacture, plus transportation costs, if applicable, erty. Unused new tubulars will be priced as provided abo	able supply store nearest the Joint Property, or to the railway receiving point nearest the Joint
В.	Good	Used	Material (Condition B)	
	Mate	rial in s	sound and serviceable condition and suitable for reuse w	ithout reconditioning:
	(1)	Mate	rial moved to the Joint Property	
		At se	venty-five percent (75%) of current new price, as determ	nined by Paragraph A.
	(2)	Mater	rial used on and moved from the Joint Property	
		(a)	At seventy-five percent (75%) of current new price, as originally charged to the Joint Account as new Materia	s determined by Paragraph A, if Material was l or
		(b)	At sixty-five percent (65%.) of current new price, as originally charged to the Joint Account as used Materia	
	(3)	Mater	rial not used on and moved from the Joint Property	
		At sev	venty-five percent (75%.) of current new price as determ	ined by Paragraph A.
	The c	ost of 1	reconditioning, if any, shall be absorbed by the transferri	ng property.
C.	Other	Used	Material	
	(1)	Cond	ition C	
		recon The c	rial which is not in sound and serviceable condition and ditioning shall be priced at fifty percent (50%) of curre ost of reconditioning shall be charged to the receiving p conditioning does not exceed Condition B value.	ent new price as determined by Paragraph A.
	(2)	Cond	ition D	
		be pr	rial, excluding junk, no longer suitable for its original pu iced on a basis commensurate with its use. Operator dures normally used by Operator without prior approval	

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c o p a s	MF-1	COPAS PO Box 1190 Denison, TX 75021-1190 (903) 463-5463	COPAS - 1984-1 - ONSHORF (revised April 23, 2004) Recommended by the Council of Petroleum Accountants
			COPA
	(a)	Casing, tubing, or drill pipe used as line pipe shall be pri comparable size and weight. Used casing, tubing or drill used line pipe prices.	iced as Grade A and B seamless line pipe o l pipe utilized as line pipe shall be priced a
	(b)	Casing, tubing or drill pipe used as higher pressure servi oil lines, shall be priced under normal pricing procedu tubular goods shall be priced on a non upset basis.	ice lines than standard line pipe, e.g. powe res for casing, tubing, or drill pipe. Upse
	(3) Con	dition E	
	Juni norr	shall be priced at prevailing prices. Operator may dispose nally utilized by Operator without prior approval of Non-Op	e of Condition E Material under procedure perators.
D.	Obsolete N	6 C 5	
	equivalent	hich is serviceable and usable for its original function but co to that which would justify a price as provided above much price should result in the Joint Account being charged wi	ay be specially priced as agreed to by th
E.	Pricing Co.	nditions	
	the s 1, 19 1.A. until	ling or unloading costs may be charged to the Joint Account red weight on all tubular goods movements, in lieu of act tocking point. The above rate shall be adjusted as of the firm 85 by the same percentage increase or decrease used to adj (3). Each year, the rate calculated shall be rounded to the the first day of April next year. Such rate shall be publish puntants Societies.	ual loading or unloading costs sustained a st day of April each year following Januar ust overhead rates in Section III, Paragrap nearest cent and shall be the rate in effect
	(2) Mate	rial involving erection costs shall be charged at applicable of new Material.	percentage of the currently knocked-down
3. Pren	nium Prices		•
Mate to the Non- ten d	ual causes ov rial at the Op e Joint Prope Operators for	I is not readily obtainable at published or listed prices becau er which the Operator has no control, the Operator may erator's actual cost incurred in providing such Material, in a rty; provided notice in writing is furnished to Non-Operator such Material. Each Non-Operator shall have the right, by iving notice from Operator, to furnish in kind all or part of Operator.	charge the Joint Account for the required making it suitable for use, and in moving i ors of the proposed charge prior to billing y so electing and notifying Operator within
4. War	ranty of Ma	erial Furnished By Operator	
Open Acco	ator does not unt until adju	warrant the Material furnished. In case of defective Materian stment has been received by Operator from the manufacture	rial, credit shall not be passed to the Join ers or their agents.
		V. INVENTORIES	
The Operato	or shall maint	ain detailed records of Controllable Material.	
1. Perio	dic Inventor	ies, Notice and Representation	
of int Non-	ention to take Operators ma	vals, inventories shall be taken by Operator of the Joint Acc inventory shall be given by Operator at least thirty (30) da by be represented when any inventory is taken. Failure of d Non-Operators to accept the inventory taken by Operator.	ays before any inventory is to begin so that of Non-Operators to be represented at an
2. Reco	nciliation an	d Adjustment of Inventories	
mont	hs following	e Joint Account resulting from the reconciliation of a phy the taking of the inventory. Inventory adjustments shall be ages, but, Operator shall be held accountable only for shorts	made by Operator to the Joint Account for
3. Spec	ial Inventori	25	
		s may be taken whenever there is any sale, change of in e the duty of the party selling to notify all other Parties as q	
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4 4.

COPAS PO Box 1190 Denison, TX 75021-i 190 (903) 463-5463

COPAS 1981-1 ONSHORF trevised April 23, 2004) Recommended by the Council of Petroleum Accountants Societies

interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory. In cases involving a change of Operator, all Parties shall be governed by such inventory. **

Expense of Conducting Inventories

- A. The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by the Parties.
- B. The expense of conducting special inventories shall be charged to the Parties requesting such inventories, except inventories required due to change of Operator shall be charged to the Joint Account.

**Notwithstanding the foregoing to the contrary, Special Inventories shall not be taken whenever a sale or change of interest involving the Joint Property is 12.5 percent (12.5%) or less of the working interest concerning the Joint Property.

EXHIBIT "F"

Attached to and made a part of the Travers Ranch Red River Unit Operating Agreement dated May 11, 2012, Harding County, South Dakota

INSURANCE

Operator shall at all times while performing under this Agreement carry and charge to the Joint Account the following amounts of insurance for the benefit of the parties hereto:

- (a) General Liability Insurance with Bodily Injury Liability and Property Damage Liability limits combined of not less than \$1,000,000 per occurrence, subject to general policy aggregate limits of \$2,000,000.
- (b) Automobile Bodily Injury and Property Damage Liability Insurance (including non-owned and hired autos) in amounts of not less than \$1,000,000 for bodily injuries and property damage combined per occurrence; provided that insurance premiums for Operator's fully owned automotive equipment will not be charged directly to the joint account, but will be covered by the flat rate usage charge for such equipment as provided in the accounting procedure attached as Exhibit "E" to this Agreement
- (c) Excess Liability Umbrella coverage of not less than \$7,000,000 per occurrence and aggregate.
- (d) Third Party Service Contractor Terms: In the event that any Third Party Service Contract requires additional limits over the above stated limits, the Operator shall charge the joint account for the additional premium required to comply with the Third Party Contract Terms.

EXHIBIT "G"

Attached to and made a part of the Travers Ranch Red River Unit Operating Agreement dated May 11, 2012, Harding County, South Dakota

WELL AND EQUIPMENT INVENTORY AND PRICING PROCEDURE

1. <u>INVENTORY EXPENSE</u>. The cost of any special physical inventory scheduled to be conducted on site will be charged to the joint account. An allowance of \$500.00 per day per person, plus normal personal living expense including travel time and expenses between assigned office and unit location will be applicable. Witness of Working Interest Owners of inventory on own tract will not qualify for this allowance.

2. <u>PHYSICAL INVENTORY</u>. All equipment, including loose and idle, will be inventoried. Loose, idle or scrap equipment shall be noted on inventory and it will be the responsibility of each Working Interest Owner to remove such material or equipment from its lease at its sole expense within a reasonable time not to exceed three months. Any item of material or equipment in obvious poor condition shall be noted on inventory by inventory crews.

For purpose of inventory only, all controllable material and equipment inventoried and retained for unit operation, with the exception of loose, idle and scrap items in obvious poor condition and all material and equipment of less than Condition "B" value, will be priced according to the provision of Exhibit "E", Section IV.

Each Operator's record of casing head and valves will be accepted for the inventory.

PHASE II INVESTMENT ADJUSTMENT. At such time that Phase II comes into effect there shall be an 3. investment readjustment to Phase II Unit Participation. All controllable material and equipment acquired in the calendar year that the conversion from Phase I to Phase II takes effect shall be valued at the original cost of said equipment. All controllable material and equipment acquired in the calendar year prior to the year conversion from Phase I to Phase II takes effect shall be valued at ninety percent (90%) of the original cost of said equipment. All other controllable material and equipment shall be priced according to the provisions of Exhibit "E". The costs associated with the drilling of new wells, the reworking of wells (including horizontal re-entries), conversion of wells to injection, the construction of injection plants and water supply systems and all other capital expenses during Phase I, excluding the controllable items described above, shall be priced at: (a) the original cost of any such expenditure if said expenditure was incurred during the calendar year that the conversion from Phase I to Phase II takes effect, (b) ninety percent (90%) of the original cost of any such expenditure if said expenditure was incurred during the calendar year prior to the year that the conversion from Phase I to Phase II takes effect, (c) eighty percent (80%) of the original cost of any such expenditure if said expenditure was incurred during the second calendar year prior to the year that the conversion from Phase I to Phase II takes effect, (d) continue to decline at ten percent (10%) per calendar year, to no less than fifty percent (50%) of the original cost of said expenditures. If the investment readjustment described herein results in a net charge against any Working Interest Owner the resulting net charge shall be an item of Unit Expense chargeable against such Working Interest Owner. If said investment readjustment results in a net credit to any Working Interest Owner the resulting net credit shall be paid to such Working Interest Owner by Unit Operator out of funds received by it in settlement of the net charges described above.

LUFF EXPLORATION COMPANY

OWNER APPROVALS BY EXECUTION OF RATIFICATION AND JOINDER TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

MINERALS & MINING PROGRAM

JUN 1 4 2012

RECEIVED

		Unit Sum	mary	
	Interest			Ratification
	Туре	WI	NRI	Received
ALMON, GEORGE DANIEL	WI	0.346054%		0.346054%
ADAMS, JONYE C.	WI	0.001493%		0.0014939
ADAMS, JONTE C. ARTZIS, ALVIN A. ESTATE	WI	0.005975%		0.0014937
AVALON CONSULTING INC.	WI	2.186161%		2.1861619
BERGET, SHARON K.	WI	1.844255%		1.844255%
CARRELL ENTERPRISES, INC.	WI	7.865281%		7.8652819
CHESSMAN ENERGY, LLC.	WI	3.893984%		3.8939849
DEOSH LIMITED PARTNERSHIP	WI	5.049988%		5.0499889
EAGLE INVESTMENTS INC.	WI	0.206609%		0.206609%
EAGLE INVESTMENTS INC. EDMONDS ENERGY CORP.	WI	4.515442%		4.5154429
FERRIS FAMILY REVOC TRUST DTD 12/21/07	WI	0.025208%		0.0252089
FORTIN ENTERPRISES, INC.	WI	0.604369%		0.6043699
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	WI			
and the second	WI	11.635194%		11.6351949
HANCOCK ENTERPRISES	WI	0.402913%		0.4029139
HEADINGTON OIL CO. LLC	WI	8.041574%		8.0415749
KERMIT HOFFERT LIVING TRUST KENNETH D. LUFF TRUST DATED 12/1/92	WI	0.023107%		0.0231079
	WI	25.573820%		25.573820%
JWC RESOURCES, LLC				2.0230149
KATS RESOURCES LLC	WI	2.131048%		2.1310489
KLT RESOURCES, LLC	WI	2.590706%		2.590706%
KRAUSE, LARRY D.	WI	0.004720%		0.004720%
LARIO OIL & GAS CO.	WI	5.049988%		5.049988%
2005 LUFF FAMILY REVOCABLE TRUST	WI	0.255181%		0.255181%
JON DAVID LUFF REVOCABLE TRUST	WI	0.255181%		0.255181%
LUFF, KEVIN D.	WI	0.255181%		
MCCOURT, DONALD TRUST	WI	0.012645%		0.012645%
MCCOURT, PURNEE A. TRUST	WI	0.126453%		0.126453%
KEITH MOHL TRUST DTD 2/8/99	WI	0.005975%		0.005975%
MUREX PETROLEUM CORP	WI	3.339223%		
NANCE RESOURCES, INC.	WI	0.898305%		0.898305%
NASH, ALEXANDER MS TRUST	WI	0.856954%		0.856954%
PAMCO INVESTMENTS CORP.	WI	0.058394%		0.058394%
PENWELL PROPERTIES, LLC	WI	3.414917%		3.414917%
PETROLEUM CHARITIES, INC.	WI	0.000000%		
R&G RESOURCES, LLC	WI	0.583182%		0.583182%
FRANK A. RADELLA SURVIVOR'S TRUST	WI	0.084341%		0.084341%
RG OIL VENTURES, INC.	WI	0.502113%		0.502113%
SIPPEL FREEMAN LLC	WI	4.842561%		4.842561%
STEELE, JOHN A. TRUST	WI	0.001493%		0.001493%
TROYER, PAMELA L.	WI	0.255181%		0.255181%
WERME, DOUGLAS R.	WI	0.025208%		
WORLDWIDE EXPLORATION CORP.	WI	0.206609%		0.206609%

Percent of Working Interest Owners Ratifying Unit

96.374413%

AGER, ROSE MARIE	ROY	0.001908%	
ALVERSON, GEORGIA	ROY	0.001431%	0.001431%
ANDERSON, WILLIAM E. &	ROY	0.005935%	
BAIL, JOAN	ROY	0.305222%	0.305222%
BAIL, WADE A.	ROY	0.152611%	0.152611%
CARVER, NANCY G.	ROY	0.007630%	0.007630%
DICK, WILMA C.	ROY	0.001908%	0.001908%
EGELAND, MONTE DEAN	ROY	0.467864%	0.467864%
RONALD EGELAND LIVING TRUST DTD 9/30/03	ROY	0.467864%	
EKBLAD, PAMELA	ROY	0.007630%	
FOUST, RUTH TRUST	ROY	2.681558%	2.681558%
HAYDEN, LORA L.	ROY	0.001908%	
HAYDEN, ROBERT W.	ROY	0.001908%	
HIGHT, JOHN H.	ROY	0.514486%	0.514486%
HOFFIS, G. JAMES	ROY	0.001431%	0.001431%
HOFFMAN, RAYMOND C.	ROY	0.012717%	0.012717%
JANVRIN, CLAIR C., JR.	ROY	1.551262%	
KENNETH D. LUFF TRUST DATED 12/1/92	ROY	0.021937%	0.021937%
JOHNSON, JEAN R.	ROY	0.053418%	0.053418%
JOHNSON, LONNEY DALE	ROY	0.003815%	

OWNER APPROVALS BY EXECUTION OF RATIFICATION AND JOINDER TRAVERS RANCH RED RIVER UNIT HARDING COUNTY, SOUTH DAKOTA

		Unit S	ummary	
	Interest			Ratification
	Туре	WI	NRI	Received
JOHNSON, MARILYN E.	ROY		0.001908%	
JOHNSON, RONALD R.	ROY		0.007630%	0.007630%
LANG, JAMES S.	ROY		0.008478%	0.0084789
LOUDEN, BONNIE K.	ROY		0.007630%	0.000 1107
MCGREER, KELLY & ROSEMARY	ROY		0.375426%	
MCGUFFIN, ANDREW F.	ROY		0.002861%	0.0028619
MCGUFFIN, AUGUST L.	ROY		0.008478%	0.0084789
MCGUFFIN, CHARLES, JR.	ROY		0.003815%	
MCGUFFIN, DAVID	ROY		0.007630%	0.007630%
MCGUFFIN, DONALD R.	ROY		0.001431%	
MCGUFFIN, HELEN S.	ROY		0.011446%	
MCGUFFIN, KEVIN KELLY	ROY		0.006438%	
MCGUFFIN, ROBERT E., SR.	ROY		0.011446%	
MCGUFFIN, SCOTT DENISON	ROY		0.009538%	0.009538%
MERRITT, ANN D. MCGUFFIN	ROY		0.009538%	0.009538%
MILLER, LINDA M.	ROY		0.007630%	0.007630%
MILLER, MARION	ROY		0.467864%	
MOBERG, CLARENCE	ROY		0.001908%	
MYERS, KAREN LEE	ROY		0.003815%	
OLSON, DAVID JAMES	ROY		0.002544%	
OLSON, JAMES	ROY		0.007630%	
OLSON, ROBERT BRUCE	ROY		0.002544%	
OLSON, STEPHEN PAUL	ROY		0.002544%	0.0457000
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ROY		0.045783%	0.045783%
PARKER, ROBERT & JUDY	ROY		0.375426%	
ROE, THOMAS RAY	ROY		0.010174%	
ROSE, PEGGY COLLEN	ROY		0.001431%	
SHECK, MICHELLE MCGUFFIN	ROY		0.000715%	
ST. AGNES CHURCH OF COX TALBOTT LIVING TRUST	ROY ROY		0.375425%	
TERRY, JOANN MARIE	ROY		0.002861%	
TIERNEY, ROBIN	ROY	_	0.152611%	0.152611%
TRAVERS EDUCATIONAL TRUST	ROY		3.881565%	3.881565%
ALYCE TRAVERS FAMILY TRUST	ROY		1.799442%	1.7994429
WHITEHOUSE, ESTER	ROY		0.007630%	0.007630%
WOODBURY, KATHLEEN S.	ROY		0.001431%	0.007.0007
A.L.E. RESOURCES, LLC	ORRI		0.025143%	0.025143%
ALMON, GEORGE DANIEL	ORRI		0.000708%	0.000708%
AVALON CONSULTING INC.	ORRI		0.024457%	0.024457%
BERGET, SHARON K.	ORRI		0.035549%	0.035549%
CARRELL ENTERPRISES, INC.	ORRI		0.794413%	0.794413%
CHESSMAN ENERGY, LLC.	ORRI		0.025397%	0.025397%
DANE, W. DANIEL	ORRI		0.000136%	
DLD ENTERPRISES, L.L.C.	ORRI		0.013374%	
EDMONDS ENERGY CORP.	ORRI		0.131554%	0.131554%
FILLINGHAM, ROBERT A.	ORRI		0.000113%	
HEADINGTON OIL CO. LLC	ORRI		0.084106%	0.084106%
ARLEN B HENNEMAN, ETUX LIVING TRUST	ORRI		0.036632%	0.036632%
HOMER, C. JAMES	ORRI		0.000062%	0.000062%
KENNETH D. LUFF TRUST DATED 12/1/92	ORRI		1.515672%	1.515672%
JWC RESOURCES, LLC	ORRI		0.026326%	0.026326%
KATS RESOURCES LLC	ORRI		0.018044%	0.018044%
KLT RESOURCES, LLC	ORRI		0.130612%	0.1306129
DANIEL J. O'SHAUGHNESSY TRUST DTD 8/1/90	ORRI		0.645755%	0.645755%
PENWELL PROPERTIES, LLC	ORRI		0.038230%	0.038230%
PICKARD, ROBERT M.	ORRI		0.012572%	0.012572%
R&G RESOURCES, LLC	ORRI		0.000763%	0.000763%
RG OIL VENTURES, INC.	ORRI		0.015120%	0.015120%
SIPPEL FREEMAN LLC	ORRI		0.033389%	0.033389%
TAYLOR, NEAL A.	ORRI		0.006286%	0.0054.400
WARE, JEFFREY V.	ORRI		0.025143%	0.025143%

KNOW ALL MEN BY THESE PRESENTS:

amos

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): JORVE, CAAMS
By (signature): <u>Janye C adams</u> Address: <u>POBOJ 441013</u> <u>Curpra Co 880444</u> By (spouse): <u>(if held jointly)</u> Date Executed: <u>May 26, 2012</u>
STATE OF $()$ ACKNOWLEDGMENT COUNTY OF $()$ ss.
On this 26 day of May, 2012, before me, personally appeared JONYP C Adams AYES , known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In withess whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
written Wy Commission Expires: 11-09-2013 Volume and and and and only onlotal scal at all and year in ans continent more above Tayesh Now Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

	Danial Aluman
Company, Trust or Individual Name(s) (typed or printed):	rge Daniel Filmon
(In) (I) · //M	
By (signature): lange James amer	By (spouse):
along FIT	(if held jointly)
Address: 910 OLIVE ST.	Date Executed: Mary 15 2012
7 1 1000 00000	Date Executed: May 15, 2012
DENVER, COLORADO 80220	SJOSA-CA
	AS TADA
	A A A A A A A A A A A A A A A A A A A
ACKNOWLEDG	MENT
STATE OF Colorado)	80
) ss.	VEL CUBLICE
COUNTY OF Denver)	OF COLOR
h2	Accounty .
On this 154 day of May , 2012, before me,	personally appeared
George Daniel Almon	, known to me to be the person
who is described in, and who executed the within instrument and acknow	wledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above
written.	
	Ago A . A
My Commission Expires: - - le	C. M. Espinosa - Carpenter

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or pri	inted): AVALON Co	ONT. INC.
By (signature): Jum Baily Pres Address: 4129 Julaura La	By (spouse): (if held jointly)	
Billings, MT 5960	Date Executed:	05/31/2012
	ACKNOWLEDGMENT	TAMARA BAUER NOTARIAL SEAL WHILE OF MINING ALL SEAL WHILE OF MINING ALL SEAL WHILE OF MINING ALL SEAL WILE OF MINING ALL SEAL SEAL SEAL SEAL SEAL SEAL SEAL S
President of Avalon Consulting	, 2012, before me, personally appear $T \sim C_{4}$	red JAmes Bailey
who is described in, and who executed the within ins	trument and acknowledged to me that	at (he, she or they) executed the same.
In witness whereof I have hereunto set my l	hand and affixed my official seal the	day and year in this certificate first above
written.		Λ

My Commission Expires: 07-26-2012

Jamara Bauer Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	on K. Berget						
By (signature): April K. Burget	By (spouse):						
Address: 3486 J. Sanaing alay	(if held jointly)						
Ausma CO 80814	Date Executed: May 15, 2012						
	AL DALLA						
STATE OF Colorado ACKNOWLEDG	MENT						
COUNTY OF Derver) ss.							
On this 15th day of May, 2012, before me, personally appeared							
Sharon K. Berget	the person						
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.							
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above						
written.							
My Commission Expires: 6 24 2015	Kustal Danla						

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	Carrell Enterprises, Inc.
By (signature): Kerry & Canell	By (spouse): (if held jointly)
Address: 5852 Big Horn Ave	Tullin
Sheridan WY 82801	Date Executed: 5/14/12
merioan WY 82001	TAR
STATE OF <u>Colorado</u>) ACKNOWLEI	DGMENT 3
) \$\$	A CUBLIC SE
COUNTY OF Denver)	10 2 6 60 00 C
On this 14th day of May, 2012, before r President of Carrell Enterprises, Inc.	ne, personally appeared Larry A. Carrell,
President of Carrell Enterprises Inc.	known to me to be the person
who is described in, and who executed the within instrument and ach	knowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed	d my official seal the day and year in this certificate first above
written.	1 30 0 . 1
My Commission Expires: - - la	C. M. Espinosa - Carpenter

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	sman Energy, LLC
By (signature): Cherthand begin	By (spouse):
Address: 33722 Meadow Mountain Rd	(if held jointly)
Evergreen, CO 80439	Date Executed: 5/14/12
	SALARY
STATE OF Cobrado ACKNOWLEDG	MENT
COUNTY OF Derver) ss.	0.00
On this 14th day of May, 2012, before me, Member, Chergman Energy, LLL	personally appeared at the ssman,
Member, Chergman Energy, LLL	the person
who is described in, and who executed the within instrument and acknow	wledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above
written.	· · ·
My Commission Expires: 6/24/2015	Kirstal Danla

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):
By (signature): Multiple VP By (spouse):
Address: POBOX 13408 (if held jointly)
Denver Co 80201 Date Executed: 5/25/12
STATE OF COLORADO
COUNTY OF DERVEY) ss. My Commission Expires 08/24/2015
On this 25 day of May, 2012, before me, personally appeared Michael W. D'Shaughnessy, known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
written. My Commission Expires:8/24/15Aure K Bennich
Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): <u>CAS</u>	IG ENVELIMENIS
By (signature):	By (spouse):(if held jointly)
Address: 10250 E WAV. Huy,	
TRAVERSE City Mi	Date Executed: May 18, 2012
49684	
ACKNOWLEDG	MENT
STATE OF MICHIGAN	
COUNTY OF Grand Traverse) ss.	
On this 18^{M} day of May , 2012, before me,	
·	, known to me to be the person
who is described in, and who executed the within instrument and acknow	wledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed m	
written	, orner sear the day and year in this berthledte hist above

My Commission Expires: Dec. 18, 2017

Susan E Carseadde Notary Public

SUSAN E CARSCADDEN NOTARY PUBLIC - STATE OF MICHIGAN COUNTY OF GRAND TRAVERSE

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Edwa	nonds Energy Corp.
By (signature)	By (spouse):
Address: _ 8027 west Horver Drive	(if held jointly)
Lakenood, co 8022)	Date Executed: <u>May 5, 292</u>
	STAL DAN
STATE OF Colorado ACKNOWLEDG	MENT
COUNTY OF Denver) ss.	
Ed Mon of Energy Corp., 2012, before me,	personally appeared R. R. C.
who is described in, and who executed the within instrument and ackno	
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above
written.	

My Commission Expires: 6/24/2015

tal Danla

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): <u>Ferris Family 1</u>	Revocable Trust
By (signature): Michard A. Ferris By (spo	
(if held	jointly)
Address: 16258 E. Nassau Dr	
Date Ex	cecuted: May 23, 2012
Aurora, CO 80013	
ACKNOWLEDGMENT	
STATE OF Colorado) ss.	
COUNTY OF Denver)	
On this 23 day of May , 2012, before me, personal	lly appeared <u>Richard A. Ferris</u> , known to me to be the person
who is described in, and who executed the within instrument and acknowledged In witness whereof I have hereunto set my hand and affixed my officia	to me that (he, she or they) executed the same. I seal the day and the same this certificate first above
written. 4 DP14 1	TARY PUS
My Commission Expires: Notary	Public
	B COLOTINIST
	mission Expires 04-28

KNOW ALL MEN BY THESE PRESENTS:

Bonded Thru Budget Notary Serv

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

T to a la Sac

Tin

Company, Trust or Individual Name(s) (typed or printed):	TIN BALCIPTISES INC
By (signature): Dellevelle H- Nor President Address: <u>201 Chilean Ave.</u> Palm Beach, FL 33480	By (spouse): (if held jointly) Date Executed: $5/21/2012$
ACKNOWLED	GMENT
STATE OF	
COUNTY OF P2/m bzzch) ss.	
On this $2/Stay of May$, 2012, before m <u>Resident of Fortin Enterprises</u> , InC. who is described in, and who executed the within instrument and acknowledges	he, personally appeared $\underline{DAniE/lE}$ $H_1 \underline{MOOFE}$, , known to me to be the person nowledged to me that (he, she, or they) executed the same. my official seal the day and year in this certificate first above
written.	
My Commission Expires: May 29, 2013 JACOUELINE B. ROGERS MY COMMISSION # DD 855944	Jacquelic b. Regus
EXPIRES: May 29, 2013	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature. D A.

Company, Trust or Individual Name(s) (typed or printed): Kelly P.	Coleman, Partner, Hancock Enterprises
By (signature):KCOGPCcolomcon	By (spouse):(if held jointly)
Address: 10 Box 2527	
Billings, MT 59103	Date Executed: June 7, 2012
ACKNOWLEDG	MENT
state of Montana)	
COUNTY OF (ellowstone) ss.	
On this 7th day of June, 2012, before me,	personally appeared Kelly P. Coleman, , known to me to be the person
who is described in, and who executed the within instrument and acknow	owledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed n	ny official seal the day and year in this certificate first above
Wy Commission Expires: 1 20 2015	Comi & preyer
CONI L. DREYER NOTARY PUBLIC for the SEAL SEAL My Commission Expires January 20, 2015	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): HEADINGTON OIL COMPANY LLC

By (signat	ture):	F	M	iten			
			1	y, Vice	Pres	ident.	-Land
Address:	271	1 N.	Haske	11 Ave	Ste	2800	

Dallas, Texas 75204

(if held jointly)

By (spouse):

Date Executed: May 30, 2012

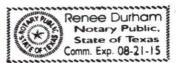
ACKNOWLEDGMENT

STATE OF	TEXAS)
) ss.
COUNTY OF	DALLAS)

On this <u>30th</u> day of <u>May</u>, 2012, before me, personally appeared <u>Gary McKay</u>, <u>Vice President</u> of Land for Headington Oil Company LLC, known to me to be the person who is described in, and who executed the within instrument and acknowledged to me that (he_she or they) executed the same.

In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires: 08-21-2015



ence Aurham

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or pr	Inted): Kermit H	offeit Living Trust
By (signature): Jerrythy Porter Hope Address: 2515 33rd st. sw.	D Trustee By (s	spouse):
FArgo, N.D. 5810	Date	Executed: 5-18-12
STATE OF N. Dab) ss.	ACKNOWLEDGMEN'	T LEEANN TANGEN Notary Public State of North Dakota My Commission Expires March 16, 2016
	_, 2012, before me, person	nally appeared, known to me to be the person
who is described in, and who executed the within ins In witness whereof I have hereunto set my		ed to me that (he) she or they) executed the same. cial seal the day and year in this certificate first above
written.		2 0

My Commission Expires: Mpuch 16 2016

Inn a

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): JUC	Resources, LLC
By (signature): William C. Carryin, Merber	By (spouse):(if held jointly)
Address: <u>7500 Priest Pass Rd</u> <u>Helma MT 59001</u>	Date Executed: 05/21/2012
STATE OF Montana) state of Montana) county of Lewis; clark) ss.	MENT JESSICA J MICHEL NOTARY PUBLIC for the State of Montana Residing at Helena, Montana My Commission Expires October 8, 2015
On this 21st day of man, 2012, before me,	personally appeared William C. Carrigan, known to me to be the person
who is described in, and who executed the within instrument and acknow	
In witness whereof I have hereunto set my hand and affixed my	y official seal the day and year in this certificate first above
written.	

My Commission Expires: 10/8/2015

Notary Public Tressich T. Michel

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): KATS Resources LLC
By (signature): Kalbleen R Schell By (spouse):
Address: 7652 So Cove Circle
Centennial, Co 80122 Date Executed: 5/14/20 FD: OTARY
STATE OF ACKNOWLEDGMENT
COUNTY OF DENVEN) SS.
On this 14th day of Man, 2012, before me, personally appeared Kathlen R. Scholl
Member on behalf of KATS Resources LLC , known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
written. My Commission Expires: 8 21 2014
Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): KLT Resources, LLC

By (signature): There Bouchot-	By (spouse):
Address: 11680 Hibt with 4 10	(if held jointly) Date Executed: <u>S-17-12</u>
DICKINSON NO 58601	
STATE OF North Dakota) ACKNOWLI	EDGMENT
COUNTY OF Stark) ss.	
COUNTY OF (1/1)	
On this <u>17</u> day of <u>May</u> , 2012, before	me, personally appeared <u>Kenneth</u> Barnhart, , known to me to be the person
Member, KLT Resources, LLC	, known to me to be the person
who is described in, and who executed the within instrument and a	cknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affix	ed my official seal the day and year in this certificate first above
written.	1
My Commission Expires: 2.13.2015	Joyce STJOYCE GREFF
	Notary Public INGTARY PUBLIC STATE OF NORTH DAKOTA
	MY COMMISSION EXPIRES FEB 13, 2015

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	Larry D. Krause		
By (signature): Phrry D. Krang	By (spouse):		
Address: <u>3009 Marguerite Blvd</u> . Billings MT 59102	Date Executed: 5-18-12		
J	NOWLEDGMENT NOWLEDGMENT		
On this 18 day of May, 2012, before me, personally appeared Larry D. Krawse			
	, known to me to be the person nt and acknowledged to me that (he, she or they) executed the same. nd affixed my official seal the day and year in this certificate first above		

My Commission Expires: 02-01-2014

\square	1 1/
Rik	- Lu
Notary Public	V

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): LARIO OIL & GAS COMPANY
By (signature): <u>While Difference</u> (if held jointly)
Address: <u>POBO+29</u> Denver Co 80201 Denver Co 80201
TATE OF COLORADO COUNTY OF DENVER) ss. JANNE K BENNICK NOTARY PUBLIC STATE OF COLORADO My Commission Expires 08/24/2015
On this 25 day of May, 2012, before me, personally appeared Michael W. D'Shaughness, known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
Ay Commission Expires: 8/24/15 Januar K. Kanach

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Kenneth D. Luff, Trustee

By (signature): Left H. Juff	By (spouse): (if held jointly)	
Address: 1580 Lincoln St., Suite 850	14 0010	
Denver, CO 80203	Date Executed: May 14, 2012	
ACKNOWLEDG	MENT SCIENCE STAL DAVING	
STATE OF COLORADO)		
) ss. COUNTY OF <u>DENVER</u>)		
On this <u>14th</u> day of <u>May</u> , 2012, before me, Kenneth D. Luff, Trustee	personally appeared	
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above		
written.	it of i	
My Commission Expires: <u>1/11/16</u> 624/2015	Mistal Danla	

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): Jon D	AVID LOFF REVOCABLE TRUST
By (signature): And for the ATT #2 C Address: 404 Riversine Dr. ATT #2 C - NEW YORK, WY	By (spouse): <u>Eileen P. Kavanagh</u> (if held jointly) Date Executed: <u>5/23/2012</u>
ACKNOWLEDG	MENT
	David Ruff Revoc. Trust, known to me to be the person
who is described in, and who executed the within instrument and ackno	
In witness whereof I have hereunto set my hand and affixed m written. My Commission Expires:	<u>C. M. Experieda</u> - Carpenler Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): 2005	Luff Family Revocable Track
By (signature): / huff	By (spouse): Diveliful
Address: 138 5. Edin burgh Ave. CA. CA Soo48	Date Executed: 5/21/12
	STAL DAVIS
STATE OF <u>Colorado</u>) COUNTY OF <u>Denver</u>) ss.	AUBLO OF
On this 21st day of May, 2012, before me, Steven A- were and Rundi LUFF	personally appeared
Steven A. LUFF and Roundi LUFF	, known to me to be the person
who is described in, and who executed the within instrument and acknow	wledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above
written.	Viit O Dia
My Commission Expires: 6/24/2015	mat Sarla

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

1120000-

Company, Trust or Individual Name(s) (typed or printed):	19 P. MCCAIRT TRUST
By (signature): <u>Monalal My My Trus 722</u> Address: <u>2125 STORECROP WAY</u> <u>Golden, CO. 80401</u>	By (spouse): (if held jointly) Date Executed:
	MENT
STATE OF (blorado)	
COUNTY OF <u>Unver</u>) ss.	
On this 21st day of, 2012, before me.	personally appeared
who is described in, and who executed the within instrument and ackno	
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above
written.	tw Pro
My Commission Expires: Mary 28, 2015	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): Tuk Ter	A. NFCOURT TRUST
By (signature): Alexand Might TRASTEE	By (spouse):
Address: 2125 Stonecrop Way	(if held jointly)
Epiden, CO SOADI	Date Executed:
STATE OF Coloradu) ACKNOWLEDG	MENT
COUNTY OF DONNEL) SS.	
On this 21st day of May, 2012, before me, Justee of Jurnee A Malourt Mu	t, known to me to be the person
who is described in, and who executed the within instrument and ackno In witness whereof I have hereunto set my hand and affixed m	
written.	P. P.
My Commission Expires: Mary 28, 2015	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Keith	L. Mohl Trust dated 2-8-99
By (signature): Letter Mohl Address: 2111 Elizabeth St.	By (spouse): Marlene Motil (if held jointly)
Billings, MT 59102-2111	Date Executed: May 22, 2012
STATE OF <u>Montana</u>) COUNTY OF <u>Jellowstone</u>) ss.	
On this 22^{nd} day of May , 2012, before me,	, known to me to be the persons
who is described in, and who executed the within instrument and ackno In witness whereof I have hereunto set my hand and affixed m	
Written My Containsion Expires: SEAL SEAL My Comprission Expires My Comprission Expires My Comprission Expires My Comprission Expires	<u>Patricia</u> C. Swainson Notary Public

January 23, 2016

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or print	ted): Nance Resources, Inc.
By (signature): Dra Kill	By (spouse): (if held jointly)
Address: PO Box 7027	
Billings, MT 59103	Date Executed: Jone 5, $\partial 0/\partial$
AL AL A	CKNOWLEDGMENT
state of Montana)	
COUNTY OF <u>Yellowstone</u>) ss.	AUBLIC A
On this <u>5th</u> day of <u>June</u> ,	
	, known to me to be the person
	rument and acknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my ha	and and affixed my official seal the day and year in this certificate first above
written.	

My Commission Expires:

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

	WID IN DU T
Company, Trust or Individual Name(s) (typed or printed):	a MG: XHEHAID ROPENA D. NAGH TRUEST
By (signature): <u>By (signature)</u> : <u>By (signature)</u> : <u>By (signature)</u> : <u>By (signature)</u> : <u>By (signature)</u> <u>By (signature)</u> : <u>By (signature)</u> <u>CF</u> . <u>Excelence CF</u> . <u>Excelence CF</u> .	By (spouse): <u>Marma Mash Suistie</u> (if held jointly) Date Executed: <u>Jame 12</u>
ACKNOWLEDG	MENT
STATE OF Colorado)	
COUNTY OF Arapahoe) ss.	4
And Norma day of June, 2012, before me,	personally appeared here M.G. With
who is described in, and who executed the within instrument and ackno	wledged to me that (he, she or they) executed the same.
Le iter le CIL le le contra de le le le de le CC est	Contraction of the second seco

In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:	1-	17-2016	
			_

nancy LaPorte

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

0

Company, Trust or Individual Name(s)	(typed or printed): Danie	1 J. Oshau	ghnessy TI	rust	8-1-9
By (signature): Daniel G Address: 4880 S, Fran Englewood	haylinessy	By (spouse): (if held jointly) Date Executed:			
	ACKNOWLED	GMENT			
STATE OF Colorado)				
COUNTY OF Arapahoe) ss.				
Oshaughnessy, Trust	4 y , 2012, before m	e, personally appeared _	Daniel	J.	
who is described in, and who executed t					
In witness whereof I have here		.			
written.		. //	\sim		
My Commission Expires Notary Public State of Colorado	5/18/2015	Notary Public	dye		

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	PAULO	FOUCSTMONTS CORP	í
By (signature): <u>MONumell</u> Address: <u>7117 W. Jefferson Ave Stells</u> <u>Denver, CO. 80235</u>	By (spouse): (if held jointly) Date Executed:	Muy 21 St 2012	
STATE OF <u>(DIOVADO</u>) SS. COUNTY OF DENVER) SS.	VLEDGMENT	SARA E. SAYERS Notary Public State of Colorado	1
On this $2l^{\ell^{+}}$ day of May , 2012, bef who is described in, and who executed the within instrument an In witness whereof I have hereunto set my hand and at written.	d acknowledged to me that	, known to me to be the pers at (he, she or they) executed the same.	

My Commission Expires: 04/28/2015

Jara & Sayer

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

or Brander of	Robert R. Penn, President of
Company, Trust or Individual Name(s) (typed or printed):	Penn Resources, Inc.,
0	General Partner of
By (signature):Robert RPerm	By (spouse): Penwell Properties, L.P.
Mere and provide starting and the second starting and	(if held jointly)
Address: TWO TUECE CALLACE 3838 CARCEARCY, SUITE 1216	5/10/1-
DALLAS, TX 76219	Date Executed: $5/18/12$
ACKNOW	LEDGMENT
STATE OF TEXAS)	SEDOMENT
) ss.	
COUNTY OF DALLAS	
On this <u>18th</u> day of <u>May</u> , 2012, befo	re me, personally appeared <u>Robert R. Penn</u>
	Partner , known to me to be the person
who is described in, and who executed the within instrument and	
In witness whereof I have hereunto set my hand and affi	ixed my official seal the day and year in this certificate first above
written.	
20000000000000000000000000000000000000	Philippine Mauri
My Commession Fredrik CIMA BROWNE, 2013	angonia paux
Notary Public, State of Texas	Notary Public
Comm. Exp. 04-16-13	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):_	R+G Resources L.L.C.
By (signature): <u>Rick The Heim Me</u> Address: <u>P.O. Box 414</u> <u>Bowman, ND 38623</u>	By (spouse): (if held jointly) Date Executed: $5 - 2 / - / 2$
STATE OF <u>North Dakota</u>)) ss. COUNTY OF <u>Bowman</u>)	NOWLEDGMENT
On this $2/$ day of M/Ay , 2012,	, before me, personally appeared <u><i>kick Fretheim</i></u> , known to me to be the person
	nt and acknowledged to me that (he, she or they) executed the same. nd affixed my official seal the day and year in this certificate first above
written.	La Depanance

My Commission Expires: Dept. 20, 2012

Notary Public O BERRARA C Notary Public State of North Dakota

My Commission Expires Sept. 20, 20

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): RG OLL VENTURES IME.
By (signature): Robert C. Greeneam By (spouse):
Address: <u>38225. ModenCt</u> (if held jointly) Date Executed: <u>5-24-12</u>
Denver CO 80235 Date Executed:
ACKNOWLEDGMENT
COUNTY OF Derver) ss.
On this 24 th day of May, 2012, before me, personally appeared, known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
vritten.

My Commission Expires: 6 24 2015

ral Danla

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

My Commission Expires: November 12, 2015

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	kA. Radella Survivors Trust
By (signature): Trapp & Redelle Truslee Address: 1910 Patricia Lane	By (spouse): (if held jointly)
Billings MT 59102	Date Executed:
ACKNOWLEDO STATE OF Montana) COUNTY OF Velow store) SS.	GMENT GMENT GMENT GMENT GMENT GMENT GMENT GMENT GMENT SEAL GFMONTH GFMONTH GMENT SEAL GFMONTH GMENT GMENT SEAL GMENT SEAL GMENT SEAL GMENT GMENT SEAL GMENT SEAL GMENT SEAL GFMONTH GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL GMENT SEAL SEAL SCAR SCAR SCAR SCAR SCAR SCAR SCAR SCAR
On this 215^+ day of May , 2012, before me	e, personally appeared Frank A. Radella, known to me to be the person
who is described in, and who executed the within instrument and acknown In witness whereof I have hereunto set my hand and affixed r	nowledged to me that (he, she or they) executed the same.
written.	1 Jacob

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	STFFEL FREEMIN ER
By (signature): <u>Mark & Appel</u> Address: <u>975 FOREST ST</u> <u>DENVER</u> CO 80220	By (spouse): (if held jointly) Date Executed: <u>15-MAY 2012</u>
STATE OF Colorado ACKNOWLED	OGMENT
Sippel Freeman LLC, 2012, before m	ne, personally appeared, how to me to be the person
who is described in, and who executed the within instrument and ack	
In witness whereof I have hereunto set my hand and affixed	my official seal the day and year in this certificate first above
written.	

My Commission Expires: 624 2015

stal Janla Notary Public

- DD- Etimanal 110

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): John	A. Steek Trust
By (signature): Auder R Skeen, Trustee Address: 3308 Owens Ave	By (spouse): (if held jointly) Date Executed: 5-23, 20[Z
STATE OF <u>Wyoming</u>) county of <u>Park</u>)	MENT
On this day of <u>May</u> , 2012, before me, <u>Trustee of the John A. Greele Trus f</u> who is described in, and who executed the within instrument and ackno In witness whereof I have hereunto set my hand and affixed m written.	wledged to me that (he, she or they) executed the same.

My Commission Expires: Lugust 20, 2013

riHanser

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature. 2

Company, Trust or Individual Name(s) (typed or printed):	a L. Troyer	
By (signature): amelin & Imp	By (spouse):	
Address: 741 Kearney St	(if held jointly) Date Executed: 5242012	
Denver, is 90220	Date Executed: <u>> 24 2010</u>	
	STAL DAVIL	
STATE OF Colorado , ACKNOWLEDG	MENT	
COUNTY OF DENVER) ss.		
On this 24 day of May, 2012, before me,	personally appeared	
ramela L. Troyer	, known to the to be the person	
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.		
In witness whereof I have hereunto set my hand and affixed m	y official seal the day and year in this certificate first above	
written.		
My Commission Expires: 6 24 2015	Kustal Donla	

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature. \land

signature.		
Company, Trust or Individual Name(s) (typed or printed):	Norldwide Exploration Corporation	
By (signature): <u>Address</u> : <u>271 S. Rose St. STE 3300</u> <u>Kalamazoo MI 49007</u>	By (spouse): (if held jointly) Date Executed:5/22 / 2012	
STATE OF <u>MICHIGAN</u>) COUNTY OF <u>KALAMAZIO</u>) ss.	LEDGMENT	
On this 22 ^{Md} day of <u>MAY</u> , 2012, before me, personally appeared <u>Michael J. Miller</u> , <u>Vice-President of Wordwide Explorations Corporations</u> , known to me to be the person who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above		
written.		
My Commission Expires: MARLITA A. WALKER Notary Public, State of Michigan County of Allegan My Commission Expires, Mar. 28, 2013	Marlita a Walker Notary Public, Allegen County MI	

Acting in the County of Kalamazoo

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed):	rgia (Hiverson)	
Address: 26 Horicon Ave (i	y (spouse): f held jointly) pate Executed:5/22/2017_	
ACKNOWLEDGMENT		
STATE OF LEW LOVE)		
COUNTY OF Wayre) ss.		
On this 22 day of $M \ge 4$, 2012, before me, pe	rsonally appeared hogi a Alugison	
who is described in, and who executed the within instrument and acknowled	, known to me to be the person	
In witness whereof I have hereunto set my hand and affixed my of		
written. DEBBIE A. CAMERON		
My Commission Expires: Notary Public, State of New York	Sible & lamera	
Qualified in Warren County	otary Public	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed):	Joan Bail	
By (signature): Joan Bail Address: 730 Shurnan St.	By (spouse):(if held jointly)	
5turgis, SP	Date Executed:	
STATE OF 50 ACKNO STATE OF 50) ss. COUNTY OF 200 COUNTY COUN	OWLEDGMENT	
On this 21 day of May, 2012,	, known to me to be the person	
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above		
WARCELLA LARSEN My Commission Expires: MARCELLA LARSEN NOTARY PUBLIC My Commission Expires 12-21-13	Notary Public	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed):	e Bail	
By (signature): Wanki Address: Po Box 84 Buttob 50 57720	By (spouse): (if held jointly) Date Executed:6-6-12	
STATE OF <u>South Bakota</u>) COUNTY OF <u>Harding</u>) Ss. On this <u>loth</u> day of <u>fum</u> , 2012, before me, personally appeared <u>Wable Bail</u>		
who is described in, and who executed the within instrument and ackn In witness whereof I have hereunto set my hand and affixed n written. My Commission Expires: NOTARY PUBLIC State of South Dakota	, known to me to be the person owledged to me that (he, she or they) executed the same.	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): Nancy G Carver By (signature): Many MCarver By (spouse): (if held jointly)
Address: <u>12027 SE 60 # # F</u> Bellevue WA 98006 Date Executed: <u>5-19-12</u>
STATE OF WASHINGTON) ACKNOWLEDGMENT
COUNTY OF
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
written. Dec 22 2015 My Commission Expires: Notary Public State of Washington JOHN HOOSER My Appointment Expires Dec 22, 2015

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed):	Vilma C Dick
Address: <u>1037 Kingsburg</u> Belle Founde SD 57717	By (spouse): χ (if held jointly) Date Executed: $05 - 29 - 12$
STATE OF <u>South Daketa</u>) COUNTY OF <u>Butte</u>) ss.	MENT
On this $29^{\frac{14}{2}}$ day of <u>May</u> , 2012, before me,	personally appeared <u>Wilma C. Dick</u> , known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written. Barbara Lamb Notary Public, State of South Dakota My Commission Expires My Commission Expires My Commission Expires March 8, 2016 3-08-16	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

NEAL ENFLAND

San Diego County Comm. Expires Aug 29, 20

Company, Trust or Individual Name(s) (typed or printed)://	TE PLAN LOLUTED
By (signature): Marge Eyeld Address: 884 PIOUANA CT CARLS BAD CA 920/1	By (spouse): (if held jointly) Date Executed: () Z JUN 2012
STATE OF <u>California</u>) COUNTY OF <u>San Die gw</u>) ss.	
$\frac{On \text{ this } 2nd}{EGELA ND} \text{ day of } JUNE, 2012, before me,}$	
who is described in, and who executed the within instrument and ackno	
In witness whereof I have hereunto set my hand and affixed m	ay official seal the day and year in this certificate first above
Wy Commission Expires: Curg 29, 2014	A Stunt BARBARA A. STUART Commission # 1902240 Notary Public - California

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

My Commission Expires:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or print	nted): Ruth Foust Trust
By (signature): <u>Vera Boje</u> , T Address: <u>840 N Spruce St</u> <u>RepictCity SD S</u>	$\frac{Trustee}{26} By (spouse): (if held jointly)}$ $\frac{77}{26} Date Executed: 5/23/12$
state of <u>Softh Dakota</u>) county of <u>Pennington</u>) ss.	ACKNOWLEDGMENT
On this 23^{RD} day of May	, 2012, before me, personally appeared <u>Vera Boje</u> , known to me to be the person
	trument and acknowledged to me that (he, she or they) executed the same. hand and affixed my official seal the day and year in this certificate first above
written. Rebecca Isabelle My Commission Expir November 30, 2016	

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

signature.	
Company, Trust or Individual Name(s) (typed or printed):	H. Hight
By (signature):	By (spouse):
Address: 2302 Callaway Ct.	(if held jointly)
Pierre, SD 57501	Date Executed:
STATE OF South Darlota)	MENT
COUNTY OF <u>Hughes</u>) ss.	
On this 6th day of June, 2012, before me,	personally appeared John Hight , known to me to be the person
who is described in, and who executed the within instrument and ackno In witness whereof I have hereunto set my hand and affixed n	
written.	Presson in King
My Commission Expires: 131 a017	Notary Public
OSEMARIE KUIPERS	-
NOTARY PUBLIC SEAL	

KNOW ALL MEN BY THESE PRESENTS:

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): 6, 5/	AMES HOFFIS
By (signature): <u>A. Jan IIII</u> Address: <u>3710 WEBER ROAD E-102</u> <u>GATLINBURG, TN 37738</u>	By (spouse): (if held jointly) Date Executed:
STATE OF DED YOK) SS.	
On this <u>A</u> day of <u>M</u> <u>A</u> , 2012, before n who is described in, and who executed the within instrument and ack	ne, personally appeared (FUGE T Hold's Jr , known to me to be the person
	d my official seal the day and year in this certificate first above
written. DEBBIE A. CAMERON My Commission Expinestary Public, State of New York No. 01CA4887744 Outalified in Warron County	Notary Public

My Commission Expires

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed):	Raymond C Hoffman		
By (signature): Raymond & Hoffman Address: 650 Pataba Creek Rd.	By (spouse):		
Pomeroy, WA 99347	Date Executed:		
ACKNOWLEDGMENT			
state of <u>Washington</u>) county of <u>Asotin</u>) ss.	THO WASHINGTON		
On this <u>18</u> day of <u>May</u> , 2012,	before me, personally appeared <u>kaymond</u> C. <u>Hoffman</u> , known to me to be the person		
who is described in, and who executed the within instrumen In witness whereof I have hereunto set my hand an	t and acknowledged to me that (he, she or they) executed the same. d affixed my official seal the day and year in this certificate first above		
written.	an lilo n l		

My Commission Expires: 4/15/2014

Public

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Company, Trust or Individual Name(s) (typed or printed): $\int \mathcal{E} \mathcal{AN}$	R. Johnson
By (signature):	By (spouse) flere fleredore
Address:	(if held jointly) Johnson FAmily Living Trust, Trustee Date Executed: MAy 18, 2012
	Date Executed: MAy 18, 2012
STATE OF <u>South Dakota</u>) ss. COUNTY OF <u>Lawrence</u>)	GMENT
On this <u>18</u> day of <u>May</u> , 2012, before me	, personally appeared <u>Educin</u> Johnson, known to me to be the person
who is described in, and who executed the within instrument and ackno In witness whereof I have hereunto set my hand and affixed n	owledged to me that (he, she or they) executed the same.
written. My Commission Expires: <u>March 21, 2013</u>	Juloz Shrintt
	Notary Public

14		
Book MD	~	F 0 F
DUUK	_Page_	525

QUITCLAIM DEED

Jean R. Johnson, a married woman claiming homestead elsewhere, Grantor of 19665 Mossing Lane, Spearfish, South Dakota, conveys and quitclaims to Edwin L. Johnson and Jean R. Johnson, Trustees of the Johnson Family Living Trust UAD 11/25/96, 19665 Mossing Lane, Spearfish, South Dakota, Grantee, all of grantors right title and interest, including any after acquired title interests, in the oil, gas and other mineral rights in the following described real property:

Township 22 North, Range 5 East, BHM, Harding County, South Dakota.

Section 7: Lots 1, 2, 3 & 4; and, NE1/4SW1/4.

Township 23 North, Range 5 East, BHM, Harding County, South Dakota.

Section 31: Lots 3, 4; and E1/2SW1/4. Dated this 4^{H} day of March, 2002.

Spearfish, S.D. 57783

Johnson

**

Jean R. Johnson

State of South Dakota)			
	s. Exem	pt From Transfer Fee	
County of Lawrence)	1		
On this the 44	day of March 200	2, before me, the undersigned	officer
		me to be the person whose na	
6	0	rledged that she executed the s	same for the
pumoses therein containe	D. ?		
SEAL JORAWITNESS Where	of. I have set my hand	and official seat	
SOUTH DAKOTA)]		
S.		VC (an	/
		Notary Public	
(SEAL)	My Commission Expires S	oni 6. 2004	
My commission expires:			
Exempt from transfer fee:	SDCL 43-4-(18).	02-185	
I		No	
Prepared by Thomas E. Carr		Record 3/6/02 1:30 P.1	1
PO Box 940	-	Book MD Page 525	Q
Spearfish, SD 57783-0940	Recorded	BOOK_TED Page 323	Nº Sie
(605)642-2725	Compared	Que ashel	5 AS 10
Returned To:	✓ Grantor	Register of Deeds	131 67 18
Edward & Jean Johnson	✓ Grantee	Harding County	Star St
19665 Mossing Lane		FEE: \$10.00 pd-ck	Part Withouts Stat
	Numonoal		

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): Ronald R.	Johnson
(if	(spouse):
Address: <u>609 6th Avenue West</u> Da	te Executed:
Lemmon, SD 57638	
STATE OF South Dakota) COUNTY OF Perkins)	NT
On this <u>25th</u> day of <u>May</u> , 2012, before me, per	sonally appeared <u>Ronald R. Johnson</u> , known to me to be the person
who is described in, and who executed the within instrument and acknowled In witness whereof I have hereunto set my hand and affixed my of	dged to me that (he, she or they) executed the same.
written.	TARY
My Commission Expires: <u>08-25-2016</u> No	tary Public SEAL

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): JAMES S. LANG

By (signature): James S. Lang By (spouse):
Address: <u>SApple VALLEY LX</u> (if held jointly)
SpEARFISH S.D. 57283 WEHRISH PUBLIC PRE
STATE OF Jour Patora ACKNOWLEDGMESEAL
COUNTY of anderence) ss.
On this 21 day of May, 2012, before me, personant and ames Lang, known to me to be the person
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above
written.
My Commission Expires: October 01, 2017 Notary Public Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	ANDREW P. MGUFFIN
By (signature): <u>Ardrew F. M. Huffin</u> Address: <u>80 Whitcomb Ave</u> . <u>Umatilla, FL 32784</u>	By (spouse): (if held jointly) Date Executed:
STATE OF <u>Jlouda</u>) COUNTY OF <u>Lake</u>) ss.	WLEDGMENT
	before me, personally appeared <u>Undrew Massluffin</u> , known to me to be the person
who is described in, and who executed the within instrument a In witness whereof I have hereunto set my hand and written.	and acknowledged to me that (he, she or they) executed the same. affixed my official seal the day and year in this certificate first above
	ho Dina

My Commission Expires: Dec 16, 2014

Maryh	on Mar	refield
Notary Public	AND RY POLIT	MARY LOU MANSFIELD Notary Public - State of Florida My Comm. Expires Dec 16, 2014 Commission # FE 35600

Ronded Through National Notary Assn.

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

Company, Trust or Individual Name(s) (typed or printed): August L. McGuffin
By (signature): August L. Moutin By (spouse):
Address: <u>63 Mac Beth Ol</u> . Late Executed: <u>5/23/2012</u>
Address: <u>63 Mac Beth Pl.</u> Seguin, WA 98382 Date Executed: <u>5/23/2012</u>
ACKNOWLEDGMENT
state of <u>Wash ylon</u>)
COUNTY OF <u>Clallan</u>) ss.
On this 23 day of May, 2012, before me, personally appeared August L. McGuffh
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.
In witness whereof I have hereunto set my and and higher my official seal the day and year in this certificate first above
written.
My Commission Expires: 1/10/15 NOTARY 11 1/10/16 for
PUBLIC ZNotary Public
17 1. 10-15 Q1-10-15
OF WASH INT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

DAVID IL MEGUEEIN

Company, Trust or Individual Name(s) (typed or printed): DTVTO W. TT COTTT		
By (signature): <u>Decid MJ. M. Shuffer</u> Address: <u>78 THALLER LANE</u> <u>FRANKLIN N° 28734</u>	By (spouse): (if held jointly) Date Executed: May 16, 2012	
STATE OF North Carolina)		
COUNTY OF MACON		
On this 16th day of MAY, 2012, before me, personally appeared DAVIC W. MGuffin		
known to me to be the person		
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same.		
In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above		
written.	\wedge (,) \wedge 11	
My Commission Expires: Feb. 22, 2014 Commission Fin Hi F. Paull		
Cynthia F. Powe Notary Public Macon County	S Cyritian 1. 10000	
North Carolina		

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

A 26	
MCGUPPIN MERRITT	
By (spouse): (if held jointly) Date Executed:24 MAY 2012	
STATE OF <u>Meny Galc</u>) ss.	
On this <u>A4</u> day of <u>MA4</u> , 2012, before me, personally appeared <u>Ahn MCGU four Mernth</u> , known to me to be the person	
who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above	
Michelle MD149	

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Linda Miller

By (signature): Address:

By (spouse): _____(if held jointly)

Date Executed: 5-31-2012

STATE OF SS. COUNTY OF (

written

ACKNOWLEDGMENT

, 2012, before me, personally appeared Livdu

, known to me to be the person

who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above

written.	
My Commission Expi	res: 03/27/2016
	OFFICIAL SEAL PETER M SHERMAN NOTARY PUBLIC - OREGON COMMISSION NO. 465985
MY C	OMMISSION EXPIRES MARCH 27 2014

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

State of North Dakota My Commission Expires April 14, 2017

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Trav	ers Educational Mineral Trust
By (signature): Probably TTI=I- Address: 116 West Villard Dickinson, ND 58601	By (spouse): (if held jointly) Date Executed: $6/9/12$
STATE OF North Dakota) COUNTY OF Stark	GMENT
On this 4 th day of <u>June</u> , 2012, before me	e, personally appeared, known to me to be the person
who is described in, and who executed the within instrument and ackn	
In witness whereof I have hereunto set my hand and affixed i	my official seal the day and year in this certificate first above
JOYCE KOPPINGER	
My Commission Expires NOTARY PUBLIC, STATE OF NORTH DAKOTA MY COMMISSION EXPIRES NOV 3, 2016	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed): Alyce	B Travers Family Trust
By (signature): Perolow TITE Address: 116 West Villard Dickipson, NA 58601	By (spouse): (if held jointly) Date Executed:(19/12/
STATE OF North Dakota) COUNTY OF Stock	EMENT
On this <u>4</u> +L day of <u>5</u> <u>5</u> <u>6</u> , 2012, before me, who is described in, and who executed the within instrument and acknown In witness whereof L have hereunto set my hand and affixed n written. JOYCE KOPPINGER	, known to me to be the person owledged to me that (he, she or they) executed the same.
My Commission Expires MY COMMISSION EXPIRES NOV 3, 2016	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

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IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her

signature.	
Signature. Company, Trust or Individual Name(s) (typed or printed) $= 5\frac{1}{2}\frac{1}{100}$	Prulitchnip
Company, Trust or Individual Name(s) (typed or printed)	C/ Wallenca N
By (signature) solver Whitefore	By (spouse):
	(if held jointly)
Address: 137 Hoctor RC	
211 - 10 - 120	Date Executed: 5-23-2012
Goldendale 47 98620	
	B_AL_
STATE OF WAS HINGTON) ACKNOWLEDE	NENT C
\$ 77.55	
COUNTY OF KUCKETAF) ss.	TADITO
COUNTY OF TOGCERTAT)	
On this 23rd day of May , 2012, Berlin Chae,	BIC personally appeared Sther
Unite house 1 -	, known to me to be the person

who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires: (0 - 7 - 20)

James Ryelsa Notary Public

KNOW ALL MEN BY THESE PRESENTS:

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Company, Trust or Individual Name(s) (typed or printed): H.L.E. KeSCMCl S
company, mast of metvidual (value(s) (typed of printed).
By (signature): MSG Wann By (spouse):
Address: 9928 Elda Ave (if held jointly)
aveenwood Villar Co Date Executed:
80111
ACKNOWLEDGMENT
STATE OF COLONGLO) ACKNOWLEDGMENT
COUNTY OF Avapahore) ss.
On this <u>21</u> SF day of <u>May</u> , 2012, before me, personal american start <u>Sa</u> <u>Way Geh</u> known to me to be the person
who is described in, and who executed the within instrument and acknowledger to me that (he, she on they) executed the same. In witness whereof I have hereunto set my hand and affixed my afficial seal the day and year in this certificate first above
written.
My Commission Expires: 8-2-2014
Notary Public Contract Notary

My Commission Expires 08/02/2014

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, a companion agreement entitled "Unit Operating Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", of like date, likewise provides that any owner of a Working Interest in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

WHEREAS, each of the undersigned represents that it is the owner of a Royalty Interest, Working Interest, or both, in and to one or more of the Tracts identified in said agreements.

NOW, THEREFORE, the undersigned owners of Royalty Interest hereby ratify, approve, adopt and confirm said Unit Agreement, as fully as though the undersigned had executed the original agreement, and the undersigned owners of Working Interest, or owners of both Working Interest and Royalty Interest, hereby ratify, approve, adopt and confirm both the Unit Agreement and the Unit Operating Agreement, as fully as though the undersigned had executed the original agreements.

The undersigned owners of Royalty Interest hereby acknowledge receipt of a full and true copy of the Unit Agreement and the undersigned owners of Working Interest hereby acknowledge receipt of full and true copies of both the Unit Agreement and the Unit Operating Agreement.

This Ratification and Joinder shall be effective as to the undersigned's interests in any lands and leases, or interests therein, and royalties presently held or which may arise under existing option agreements or other interests in unitized substances, covering any lands within the Unit Area in which the undersigned may be found to have an oil or gas interest.

This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Ar	len Boyd Henneman and Patricia
	nn Henneman Living Trust
By (signature): The full timem	By (spouse): <u>Patricie Ann Deuxemen</u>) (if held jointly)
Address: 102 Desmet Landing	Date Executed: MAY 16, 2012
Polson, MT 59860	Date Excented.
STATE OF Montand) STATE OF Montand) SS. COUNTY OF Lake	EDGMENT
On this <u><i>Ile</i></u> day of <u><i>Muy</i></u> , 2012, before <u>and</u> <u><i>Patricia</i></u> <u><i>Ann</i></u> <u><i>Heppenan</i></u> , <u><i>Teastee</i></u> who is described in, and who executed the within instrument and an In witness whereof I have hereunto set my hand and affixe	, known to me to be the person
written. My Commission Expires: <u>12-31-2015</u>	Malet Gelent Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or printed):	AMES HONER
By (signature): Comes Homes Address: <u>1/640 E Montan & P2</u>	By (spouse): (if held jointly) Date Executed: $5/29/12$
ACKNOWLED STATE OF COLVADO COUNTY OF AVA DANCE	GMENT
	e, personally appeared Ames Homer, known to me to be the person
who is described in, and who executed the within instrument and ackn	
My Commission Expires:	Notary Public

KNOW ALL MEN BY THESE PRESENTS:

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This Ratification and Joinder shall be binding upon the undersigned, its heirs, devisees, executors, assigns or successors in interest.

IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (typed or pride by (signature): Address: $9400 \in .$ TLIFF # 234	By (spouse):	Pickard
<u>Denver Co 807</u> STATE OF <u>Colorado</u>) COUNTY OF <u>Denver</u>) ss.	ACKNOWLEDGMENT	Maliheh Sanati NOTARY PUBLIC STATE OF COLORADO MY COMM. EXP. 04/17/2016
who is described in, and who executed the within ins In witness whereof I have hereunto set my I	strument and acknowledged to me that	
written.		

My Commission Expires: 04/17/16

Notary Public

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, an agreement entitled "Unit Agreement, Travers Ranch Red River Unit Area, Harding County, South Dakota", dated May 11, 2012, provides that any owner of a Royalty Interest or Working Interest, or both, in and to any Tract identified therein may approve such agreement by signing an instrument of approval; and

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IN WITNESS WHEREOF, each of the undersigned has executed this instrument on the date set forth opposite his or her signature.

Company, Trust or Individual Name(s) (t	typed or printed).	FFREY V	WARE
By (signature): 1898284 Address: PO BOX 29 DEN 162, CO	V WARE 80201-0029	By (spouse): (if held jointly) Date Executed:	5/18/12
STATE OF COWADO	ACKNOWLED	GMENT	JESSICA A. AZZOLINA NOTARY PUBLIC STATE OF COLORADO
COUNTY OF DENVEY On this 18th day of May)	e, personally appeare	My Commission Expires 12/14/2014 ed <u>Jeffy ey V WW C</u> , known to me to be the person

who is described in, and who executed the within instrument and acknowledged to me that (he, she or they) executed the same. In witness whereof I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

My Commission Expires:_	12/14	2014

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT RECEIVED

MAY 0 1 2012

IN THE MATTER OF THE PETITION OF LUFF EXPLORATION) COMPANY, FOR AN ORDER APPROVING THE OPERATIONS OF A PORTION OF THE TRAVERS RANCH FIELD, THE STATE LINE FIELD, AN THE YELLOW HAIR FIELD, CONSISTING OF THE SE/4 OF SECTION 28, THE E/2 OF SECTION 32 AND ALL OF SECTION 33, TOWNSHIP 23 NORTH, RANCH 5 EAST, AND THE N/2 OF SECTION 4, ALL OF SECTION 5, THE E/2 AND SW/4 OF SECTION 6, THE N/2 OF SECTION 7 AND THE NW/4 OF SECTION 8, TOWNSHIP 22 NORTH, RANGE 5 EAST, HARDING COUNTY, SOUTH DAKOTA, LOCATED ABOUT 20 MILES) NORTH OF BUFFALO, SOUTH DAKOTA, AS THE TRAVERS RANCH RED RIVER UNIT; PROVIDING FOR THE RECOVERY) OF RISK COMPENSATION FROM OWNERS WHO ELECT TO) HAVE THEIR SHARE OF UNIT EXPENSES CARRIED; AMENDING EXISTING ORDERS TO INCLUDE ALL OF THE LANDS IN THE TRAVERS RANCH FIELD; APPROVING THE UNIT AGREEMENT AND UNIT OPERATING AGREEMENT FOR THE UNIT: DESIGNATING LUFF EXPLORATION COMPANY AS UNIT OPERATOR; AND FOR OTHER RELIEF AS THE BOARD DEEMS APPROPRIATE.

DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

CASE NO. 4-2012

AFFIDAVIT OF MAILING

RICHARD D. GEORGE, being duly sworn on oath, deposes and says that he is Manager of Engineering for Luff Exploration Company, the applicant in the above entitled matter, that under his direction there were mailed, by certified mail-return receipt requested, true and correct copies of Luff's Petitions and the Notice of Public Hearing in said matter to each of the persons/entities affected by the Petition. From review of the records of Luff Exploration Company, the persons/entities shown on the attached Exhibit "A" are those persons/entities affected by the Petition. Copies of the "Certified Mail Receipts" are attached hereto as Exhibit "B".

Related "green cards" and "red cards" (for international mail) received by May 11, 2012 will be Fedexed to SD-DENR to be received by May 14, 2012. Cards received by Luff after May 11th, will be submitted to SD-DENR prior to the hearing.

Richard D. George

STATE OF COLORADO) COUNTY OF DENVER)



Sworn and subscribed before me on the <u>South</u> day of April, 2012

Gloria Ramirez - Notary Public My Commission Expires 8/21/2014 Exhibit "A" Page 1 of 6 SD-DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County South Dakota

Dan Adams P. O. Box 2181 Rock Springs, WY 82902

A.L.E. Resources, LLC 9928 East Ida Avenue Greenwood Village, CO 80111

RG Oil Ventures, Inc. 3822 South Golden Court Denver, CO 80235

Joan Bail 730 Sherman Street Sturgis, SD 57785

Bucy Properties, LLC 1775 Sherman Street, Suite 2950 Denver, CO 80203

William D. Campbell 317 Jade Street Rock Springs, WY 82901-6758

Amy Louise Nance Cebull P. O. Box 7027 Billings, MT 59103-7027

William B. Davis 6410 South Gibraltar Circle Centennial, CO 80016

DLD Enterprises, L.L.C. Attention: David Schaenen P. O. Box 2343 Billings, MT 59103 Joni Abramson 1323 Adams Street NE Minneapolis, MN 55413-1439

Jonye C. Adams P. O. Box 441013 Aurora, CO 80044

Georgia Alverson 26 Horicon Avenue Glens Falls, NY 12801

Alvin A. Artzis Estate Lois Artzis, Trustee 307 Benton Avenue Missoula, MT 59801

Wade A. Bail P. O. Box 84 110 Old Hwy 85 Buffalo, SD 57720

Mark P. Campbell 1804 Elk Street #129 Rock Springs, WY 82901

Carrell Enterprises, Inc. 5852 Big Horn Avenue Sheridan, WY 82801

Marlene V. Conrad 1113 North 23rd Street Billings, MT 59101

Deosh Limited Partnership P. O. Box 13308 Denver, CO 80201

Eagle Investments Inc. 10850 East Traverse Highway Suite 2275 Traverse City, MI 49684 Richard Abramson 3522 Harriet Avenue South, Apt. 101 Minneapolis, MN 55408

Rose Marie Ager 1525 North 3rd Street Spearfish, SD 57783

William E. & Linda R. Anderson 1346 North Third Street Spearfish, SD 57783

Avalon Consulting Inc. 4129 Julaura Lane Billings, MT 59106

KLT Resources, LLC Kenneth Barnhart 11680 Highway 10 West Dickinson, ND 58601

Patrick J. Campbell 840 Rhode Island Avenue Rock Springs, WY 82901

Nancy G. Carver 12027 SE 60th Street, #F Bellevue, WA 98006

W. Daniel Dane 11 Biltmore Estates Phoenix, AZ 85016

Wilma C. Dick 1037 Kingsbury Belle Fourche, SD 57717

Ronald Egeland Living Trust dtd 9/30/03 Ronald Egeland, Trustee P. O. Box 513 Miles City, MT 59301 Exhibit "A" Page 2 of 6 SD-DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County South Dakota

Edwin J. Ferkingstad 443 South Sunnyside Drive Caledonia, MN 55921

Fortin Enterprises, Inc. Danielle Hickox Moore, President 201 Chilean Avenue Palm Beach, FL 33480

Franklin Resources, Limited Partnership 4880 South Franklin Street Englewood, CO 80113

Hancock Enterprises P. O. Box 2527 Billings, MT 59103

Headington Royalty, Inc. 2711 N. Haskell Avenue, Suite 2800 Dallas, TX 75204

Pamela Ekblad 413 Addison Avenue Eau Claire, WI 54703

G. James Hoffis 1410 N. Arkansas Terrace Hernando, FL 34442

Mary E. Hussey P. O. Box 3741 Greenwood Village, CO 80155-3741

Jean R. Johnson 19665 Mossing Lane Spearfish, SD 57783 Monte Dean Egeland 884 Piovana Court Carlsbad, CA 92011

Ferris Family Revocable Trust dtd 12/21/07 16258 East Nassau Drive Aurora, CO 80013

Laurel L. Foust 10251 Eagles Nest Road Ludlow, SD 57755

Gilbert Family Mineral Trust Gary R. & Phyllis J. Gilbert, Trustees 10101 Eagles Nest Road Ludlow, SD 57755

Robert W. Hayden 2761 Rockbridge Drive Littleton, CO 80129

Headington Oil Co. LLC 2711 N. Haskell Avenue, Suite 2800 Dallas, TX 75204

John H. Hight 2302 Calloway Court Pierre, SD 57501-8801

Raymond C. Hoffman 650 Pataha Creek Road Pomeroy, WA 99347

Elizabeth Janssen 956 North Garfield Pocatello, ID 83204

Lonney Dale Johnson 1756 Hollywood Avenue Winter Park, FL 32789 Susan Theodora Eisenberg 600 South 2nd Street, #603 Minneapolis, MN 55401

Robert A. Fillingham 4300 43rd Street South St. Petersburg, FL 33711

Ruth Foust Trust Vera Boje, Successor Trustee 840 North Spruce St., #26 Rapid City, SD 57701

Janet S. Greenberg Revocable Trust Janet Greenberg & Debra Ann Lewin, Trustees 3412 Oak Ridge Rd., #209 Minnetonka, MN 55305

Lora L. Hayden 2761 Rockbridge Drive Littleton, CO 80129

Arlen Boyd Henneman & Patricia Ann Henneman Living Trust dated 1/20/04 102 Desmet Landing Polson, MT 59860

Kermit Hoffert Living Trust Timothy Robert Hoffert, Successor Trustee 2515 33rd Street SW Fargo, ND 58103

C. James Homer 11640 East Montana Place Aurora, CO 80012

Clair C. Janvrin, Jr. 12548 Cox Road Ludlow, SD 57755

Marilyn E. Johnson 836 Walnut Street Madison, TN 37115 Exhibit "A" Page 3 of 6 SD-DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County South Dakota

Alice M. Koball Cedar Court Apt. 502, 18 10th Street Nw Adams, MN 55909-9756

Kuhn Oil Company Inc. P. O. Box 129 Timber Lake, SD 57656

Loin Energy Corporation Citizens Bank P. O. Box 1700 Kilgore, TX 75663

Kevin D. Luff 850 6th Street Boulder, CO 80302

Donald P. McCourt Trust Purnee A. McCourt Trust 2125 Stonecrop Way Golden, CO 80401

August L. McGuffin 63 Macbeth Place Sequim, WA 98382

Donald R. McGuffin 3205 Benmark Village Flint, MI 48506

Michelle A. McGuffin Sheck 4100 Fenton Road, #1 Flint, MI 48507

Sarellen McIntyre 7010 South Uinta Englewood, CO 80112 Ronald R. Johnson 609 6th Avenue West Lemmon, SD 57638

Kohlman Partnership Attn: Valerie J. Kohlman 17 Sharpe Court Longmont, CO 80501

James S. Lang 5 Apple Valley Lane Spearfish, SD 57783-1145

Bonnie K. Louden 1700 Maydale Drive Silver Springs, MD 20905-5556

2005 Luff Family Revocable Trust Steven A. & Rundi N. Luff, Co-Trustees 138 South Edinburgh Avenue Los Angeles, CA 90048

Kelly & Rosemary McGreer, JT Box 18 Antelope, OR 97001

Charles McGuffin, Jr. 17199 90th Terrace Live Oak, FL 32060

Helen S. McGuffin 14209 Fiddlers Ridge Road Midlothian, VA 23112

Robert E. McGuffin, Sr. 18334 Crystal Lakes Dr. North Royalton, OH 44133

Ann D. McGuffin Merritt 2324 Harmony Mill Lofts Cohoes, NY 12047-1462 JWC Resources, LLC 7500 Priest Pass Road Helena, MT 59601

Larry D. Krause 3009 Marguerite Blvd. Billings, MT 59102

Lario Oil & Gas Company 301 South Market Street Wichita, KS 67202

Jon David Luff Revocable Trust Jon D. Luff & Eileen P. Kavanagh, TTEE 404 Riverside Drive, #2C New York, NY 10025

Manion Family LLC 366 South York Street Denver, CO 80209

Andrew F. McGuffin 80 Whitcomb Ave. Umatilla, FL 32784

David McGuffin 148 Bryson Park Road Franklin, NC 28734

Kevin Kelly McGuffin 6362 Pointe North Drive Grand Blanc, MI 48439

Scott Denison McGuffin 149 Shaw Road Northfield, NH 03276

Linda M. Miller 4200 Se Somewhere Drive Milwaukie, OR 97222 Exhibit "A" Page 4 of 6 SD-DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County South Dakota

Keith L. Mohl Trust Dated 2/8/99 Keith L. & Marlene Mohl, Co-Trustees 2111 Elizabeth Street Billings, MT 59102-2111

Robert Scott Nance Trust Robert L. Nance, Trustee P. O. Box 7027 Billings, MT 59103-7027

Leslie N. Njos Box 977 Baker, MT 59313

Robert Bruce Olson 3 Dovecote Close Princes Risborough Buckinghamshire, England HP27 9JU

Pamco Investments Corp. 7112 West Jefferson Avenue, #105 Denver, CO 80235

Petrohawk Energy Corp. 1100 Louisiana, #4400 Houston, TX 77002

Barbara Ann Portnoy 117 S. Portland Ave., #503 Minneapolis, MN 55401

R&G Resources, LLC Ricky D. Fretheim P. O. Box 414 Bowman, ND 58623

Nance Resources, Inc. P. O. Box 7027 Billings, MT 59103-7027 Marion Miller 4523 62nd Avenue West University Place, WA 98466

Murex Petroleum Corp. P. O. Box 7 Humble, TX 77347

Alexander M.S. Nash Trust Alexander M.S. Nash, Trustee 6323 South Hanover Court Englewood, CO 80111

David James Olson 54 Goya Drive Fairfield, CA 94534

Stephen Paul Olson 70 Pooleys Lane Welham Green Hatfield, Hertfordshire, England AL9 74F

Robert & Judy Parker, JT 1057 Ewald Se Salem, OR 97302

Petroleum Charities, Inc. P. O. Box 2010 Nevada City, CA 95959

Barbara J. Purcell 2124 Acer Drive Billings, MT 59101

Frank A. Radella Survivor's Trust Frank A. Radella, Trustee 1910 Patricia Lane Billings, MT 59102

Thomas Ray Roe 4349 E. Gold Poppy Way Phoenix, AZ 85044 Clarence Moberg 1734 C. Street Washougal, WA 98671

Karen Lee Myers P. O. Box 894 Jonesborough, TN 37659

Larry L. Njos 9409 158th Avenue Sw Rhame, ND 58651

James Olson 4200 Se Somewhere Drive Milwaukie, OR 97222

Daniel J. O'Shaughnessy Trust Dated 8/1/90 Daniel J. O'Shaughnessy, Trustee 4880 South Franklin Street Englewood, CO 80113

Penwell Properties, LLC 3838 Oak Lawn, Suite 1216 Dallas, TX 75219

Robert M. Pickard 9400 East Iliff Avenue, Unit #234 Denver, CO 80231

Vranna Quinn 1111 Lincoln Street Dickinson, ND 58601

The Reserve Petroleum Co. 6801 North Broadway, Suite 300 Oklahoma City, OK 73116-9092

Peggy Collen Rose 640 Brockton Way West Melbourne, FL 32904 Exhibit "A" Page 5 of 6 SD-DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County South Dakota

The Church of St. Agnes of Cox Harding County, South Dakota P. O. Box 85 Buffalo, SD 57720

Neal A. Taylor 2522 Greenleaf Court Wichita, KS 67226

Travers Educational Mineral Trust Thomas W. Reichert, Trustee 116 West Villard Dickinson, ND 58601-5120

Jeffrey V. Ware P. O. Box 29 Denver, CO 80201-0029

Ester Whitehouse 151 Hoctor Road Goldendale, WA 98620

Charles & Nancy Tomsen 716 East 5th Street Minden, NE 68959

Kristine K. Patterson 15110 Willow Creek Drive Omaha, NE 68138

Kaye E. Hendren 5526 North Forest Blvd. Spokane, WA 99205

Bhasker J. Desai 120 Regan Lane, Suite 202 Osseo, MI 55369-1068 Candace L. Sasse Salway 8160 Redland Street, #301 Playa Del Rey, CA 90293

John A. Steele Trust Linda R. Skeen, Successor Trustee 3308 Owens Avenue Cody, WY 82414

Joann Marie Terry 5431 3 Oleander Drive Wilmington, NC 28403

Alyce Travers Family Trust Thomas W. Reichert, Trustee 116 West Villard Dickinson, ND 58601-5120

WCOG Properties, Ltd. 5500 West Plano Parkway Plano, TX 75903-4386

Kathleen Sharron Woodbury P. O. Box 234 St. Helen, MI 48656

John P. Draper 70 Thomas Lake Ashland, NE 68003

Holly Amans-Kaiser and Dennis L. Kaiser P. O. Box 435 East Sandwich, MA 02537

Sharon & Thomas Sneva 3301 E. Valley Vista Lane Paradise Valley, AZ 85253

Katherine A. Harlow P. O. Box 51817 Pacific Grove, CA 93950 Harding County South Dakota P. O. Box 26 Buffalo, SD 57720

Talbott Living Trust Rena Talbott, Trustee P. O. Box 477 Kalama, WA 98625

Robin Tierney 14076 E. Howl Road Oral, SD 57766

Pamela L. Troyer 741 Kearney Denver, CO 80220

Douglas R. Werme 410 NW Columbia Street Bend, OR 97701

Worldwide Exploration Corporation 277 South Rose Street, Suite 3300 Kalamazoo, MI 49007-4722

Richard K. Draper III 17458 V Street Omaha, NE 68135

Colleen Amans-Brown and Brian T. Brown 14871 E. Airport Road Kent, IL 61044

Larry Setchell P. O. Box 940 Vashon, WA 98070

John H. Harlow P. O. Box 8481 Bend, OR 97708-8481







U.S. Postal Service CERTIFIED MAIL RECEIPT 급 (Domestic Mail Only; No Insurance Coverage Provided) 27 For delivery information visit our website at www.usps.co -T ГЦ m 65 \$ Postage Certified Fee G ГЦ Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Ē ¢ Total Postage & ' Larry L. Njos Sent To 9409 158th Avenue Sw Rhame, ND 58651 Street, Apt. No.; or PO Box No. n-City, State, ZIP+4 PS Form 3800, A

Exhibit "B" Page 2 of 28



U.S. Postal Service CERTIFIED MAIL RECEIPT -(Domestic Mail Only; No Insurance Coverage Provided) m П For delivery information visit our website at www.usps.com _ -7 п m \$ Postage 65 + Certified Fee ги 9 WNTRA Return Receipt Fee (Endorsement Required) 2 Restricted Delivery Fee (Endorsement Required) T 3 :15 S Adv Total Postage & Nancy G. Carver П Sent To 12027 SE 60th Street, # 1TD Bellevue, WA 98006 NVER C Street, Apt. No.; nor PO Box No. City, State, ZIP+4 PS Form 3800, Au





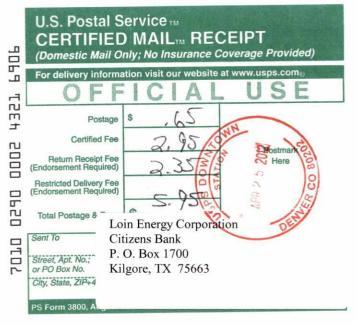
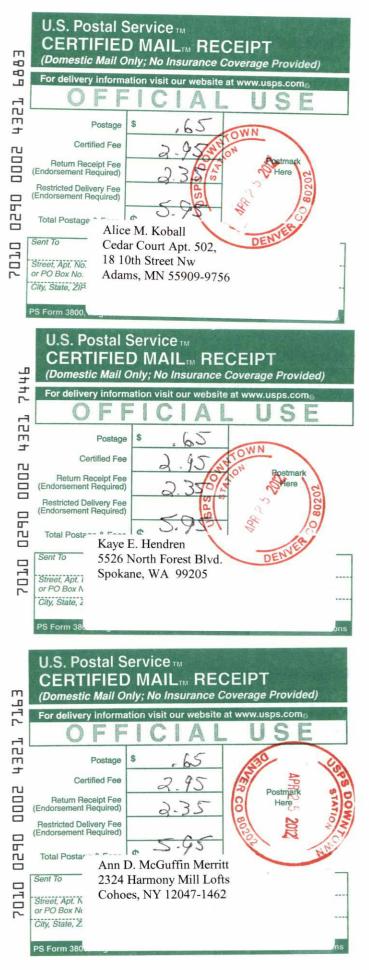




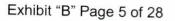




Exhibit "B" Page 4 of 28













U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)







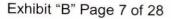


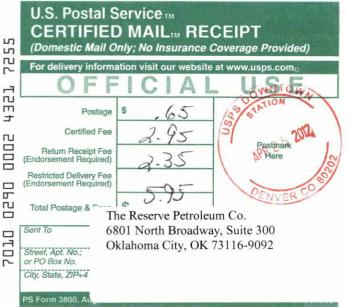














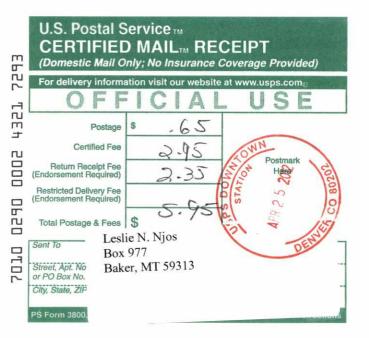












NN

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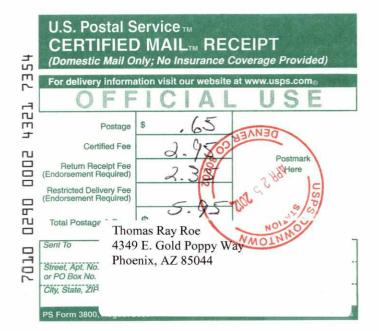






Exhibit "B" Page 10 of 28









CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) For delivery information visit our website at www.usps.com bu s Postage G Certified Fee ENVER 5 Return Receipt Fee (Endorsement Required) Here Restricted Delivery Fee (Endorsement Required) Aga Donald R. McGuffin 3205 Benmark Village Flint, MI 48506 INN

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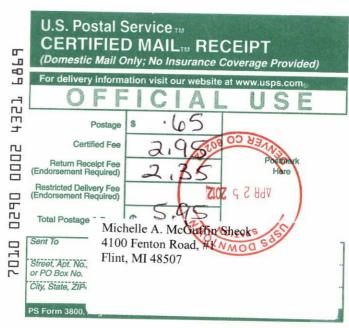


























Exhibit "B" Page 13 of 28 U.S. Postal Service IM CERTIFIED MAIL RECEIPT 5 (Domestic Mail Only; No Insurance Coverage Provided) 22 For delivery information visit our website at www.usps.com 321 Postage \$ F **Certified Fee** ANEB 2000 Return Receipt Fee (Endorsement Required) Here Restricted Delivery Fee (Endorsement Required) S APA 2 0291 ¢ Total Posta-Kevin Kelly McGuffin VOILY Sent To 6362 Pointe North Driver INN 10 Grand Blanc, MI 48439 Street, Apt. 1 or PO Box N City, State, 2 PS Form 380











Exhibit "B" Page 14 of 28





U.S. Postal Service CERTIFIED MAIL RECEIPT m (Domestic Mail Only; No Insurance Coverage Provided) m For delivery information visit our website at www.usps.com ~ 17 m \$ Postage + Certified Fee NEB ГЦ 760r Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) S A9A 290 5 ¢ Total Postage Andrew F. Mcouffin NOITAT Sent To 80 Whitcomb Ave L NMC Umatilla, FL 32784 Street, Apt. No.; Por PO Box No. City, State, ZIP+



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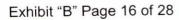


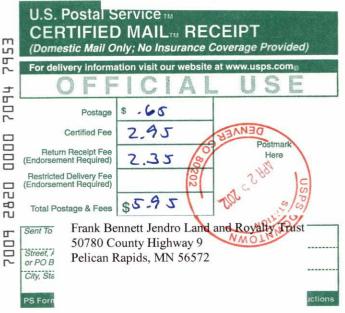






















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U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) For delivery information visit our website at www.usps.com 65 \$. Postage DEN 2.95 Certified Fee Postmark Return Receipt Fee (Endorsement Required) 2.35 Here Restricted Delivery Fee (Endorsement Required) 5.95 Total Postage & Fees \$ Clyde K. Kobbeman Estate Sent To 333 Otto Avenue, Apt. D Salina, KS 67401 Street or POE City, St.

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Exhibit "B" Page 17 of 28





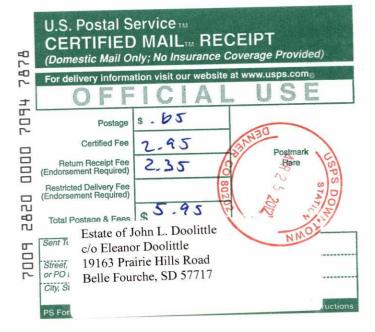
















PS Form 38

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) visit our website at www.usps.com For delivery information \$ Postage Certified Fee Postmark Return Receipt Fee (Endorsement Required) Here Restricted Delivery Fee (Endorsement Required) ,9 S Total Posta Pamela Ekblad 413 Addison Avenue Sent To N Eau Claire, WI 54703 Street, Apt. N or PO Box No City, State, Z





















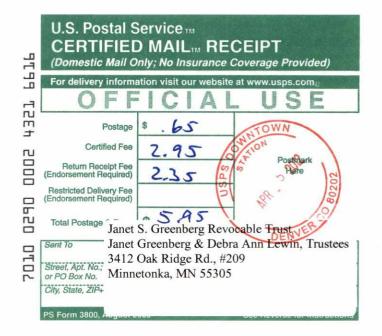














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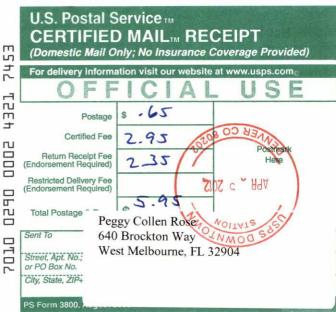
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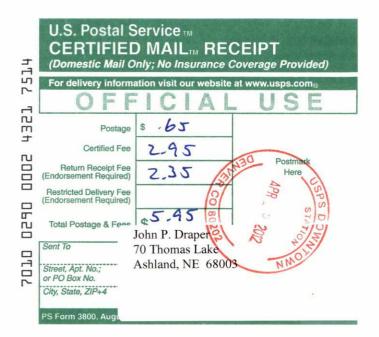








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U.S. Postal Service CERTIFIED MAIL RECEIPT P (Domestic Mail Only; No Insurance Coverage Provided) -0 = For delivery inform visit our w ebsite at www.u _ L L m 65 \$ Postage t 2.95 Certified Fee Postmark Return Receipt Fee 2.35 Here (Endorsement Required) Restricted Delivery Fee (Endorsement Required) 5.95 Total Postage 'Susan Theodora Eisenberg 600 South 2nd Street, #603 Sent To NN Minneapolis, MN 55401 10 Street, Apt. No.; or PO Box No. City, State, ZIP+ PS Form 3800, August 200 See Reverse for instructions







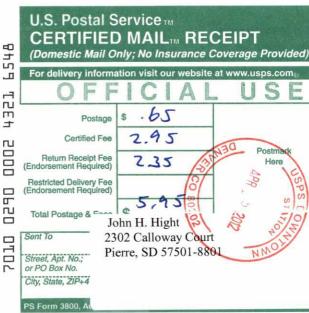




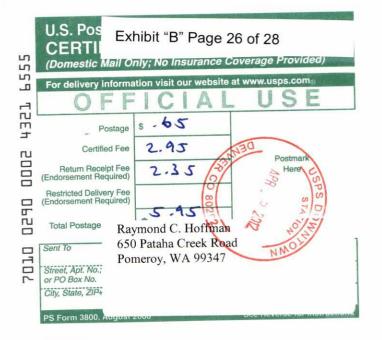
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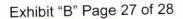














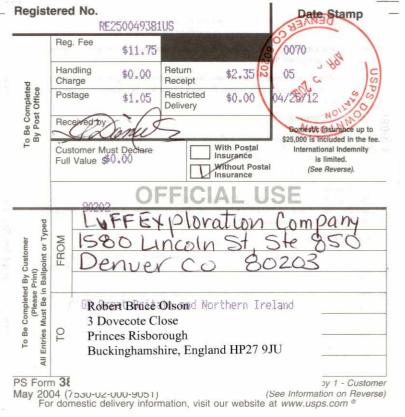


Exhibit "B" Page 28 of 28



CERTIFIED MAIL RECEIPTS NOT SCANNED

HARD COPIES AVAILABLE AT DENR'S OFFICE IN RAPID CITY

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT **RECEIVED**

MAY 0 1 2012

DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

CASE NO. 4-2012

AFFIDAVIT OF HAND DELIVERY

IN THE MATTER OF THE PETITION OF LUFF) EXPLORATION COMPANY, FOR AN ORDER APPROVING THE OPERATIONS OF A PORTION OF THE TRAVERS RANCH FIELD, THE STATE LINE FIELD, AN THE YELLOW HAIR FIELD, CONSISTING OF THE SE/4 OF SECTION 28, THE E/2 OF SECTION 32 AND ALL OF SECTION 33, TOWNSHIP 23 NORTH, RANCH 5 EAST, AND THE N/2 OF SECTION 4, ALL OF SECTION 5, THE E/2 AND SW/4 OF SECTION 6, THE N/2 OF SECTION 7 AND THE NW/4 OF SECTION 8, TOWNSHIP 22 NORTH, RANGE) 5 EAST, HARDING COUNTY, SOUTH DAKOTA,) LOCATED ABOUT 20 MILES NORTH OF BUFFALO,) SOUTH DAKOTA, AS THE TRAVERS RANCH RED RIVER) UNIT; PROVIDING FOR THE RECOVERY OF RISK COMPENSATION FROM OWNERS WHO ELECT TO HAVE THEIR SHARE OF UNIT **EXPENSES** CARRIED; AMENDING EXISTING ORDERS TO INCLUDE ALL OF THE LANDS IN THE TRAVERS RANCH FIELD; APPROVING THE UNIT AGREEMENT AND UNIT **OPERATING** AGREEMENT FOR THE UNIT: DESIGNATING LUFF EXPLORATION COMPANY AS UNIT OPERATOR; AND FOR OTHER RELIEF AS THE BOARD DEEMS APPROPRIATE.

RICHARD D. GEORGE, being duly sworn on oath, deposes and says that he is Manager of Operations for Luff Exploration Company, the applicant in the above entitled matter, that I personally hand delivered a copy of Luff's Petition and the Notice of Public Hearing in said matter to each of the persons/entities listed on Exhibit "1".

Richard D. George

STATE OF COLORADO

COUNTY OF DENVER



Sworn and subscribed before me on the

Gloria Ramirez - Notary Public My Commission Expires 8/21/2014

day of April, 2012

Exhibit "1" SD- DENR Case 4-2012 Hearing Date: June 14, 2012 To create Travers Ranch Red River Unit Harding County, South Dakota

Sharon K. Berget 2486 South Lansing Way Aurora, CO 80014

JKL Partnership LP Kenneth D. Luff Trust, Nominee 1580 Lincoln Street, Suite 850 Denver, CO 80203

Sippel Freeman LLC 975 Forest Street Denver, CO 80220 George Daniel Almon 910 Olive Street Denver, CO 80220

Chessman Energy, LLC. 33722 Meadow Mountain Road Evergreen, CO 80439

Gregory L. Magruder 10274 Quail St. Westminster, CO 80021 RG Oil Ventures, Inc. 3822 South Golden Court Denver, CO 80235

Edmonds Energy Corp. 8027 West Harvard Drive Lakewood, CO 80227

Kats Resources LLC 7657 South Cove Circle Centennial, CO 80122



AFFIDAVIT OF PUBLICATION

State of South Dakota, County of Hughes

of said county, being, first duly sworn, on oath, says: That hershe is the publisher or an employee of the publisher of the Capital Journal, a daily newspaper published in the City of Pierre in said County of Hughes and State of South Dakota; that hershe has full and personal knowledge of the facts herein stated, that said newspaper is a legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4 inclusive, that said newspaper has been published within the said County of Hughes and State of South Dakota, for at least one year next prior to the first publication of the attached public notice, and that the legal/display advertisement headed <u>Case Nor H-2012</u> <u>Minerals & Invironment</u>

a printed copy of which, taken from the paper in which the same was published, and which is hereto attached and made a part of this affidavit, was published in said newspaper for $+\infty$ o successive week(s) to wit:

Mail 26	20 12	20
Man 3	20 12	20
	20	20
	20	20
	20	20

That the full amount of the fee charged for the publication of the attached public notice inures to the sole benefit of the publisher or publishers; that no agreement or understanding for the division thereof has been made with any other person, and that no part thereof has been agreed to be paid to any person whomsoever; that the fees charged for the publication thereof are: $\frac{90.31}{.31}$.

Signed: Jack Clevild		
subscribed and sworn to before me this $\underline{16}$ day of \underline{May}	_ 20_	12
Marshe		
Notary Public in and for the County of <u>Hughes</u> , South Dakota. My Commission expires <u>$2 - 19$</u> , 20 <u>15</u> .		

CLASSIFIE

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B6 • THURSDAY, APRIL 26, 2012 CLASSIFIED WWW.CAPJOURNAL.COM

Business Services	800 Public Notice	800 Public Notice	800 Public Notice	800 Public Notice	800 Public Notice	800 Public Notice	800 Public Notice	800 Public Notice
V LOCATION!	filed with the	not be awarded a	ACC11	use of the Plans	Dakota providing	serves the right to	the right to reject	Capitol Avenue
Grooming	Clerk, and a copy of the claim	(30) days after the	Combined Bids	by such third party	Specifications for	reject any or all bids and to waive	to waive any ir-	for the purpose o
.224.9203	mailed to the Per- sonal Representa-	bid opening for the project, which	will be received for Grounds Shop	or such third party's failure to	the purpose of preparing a bid,	any irregularities	regularities therein.	hearing the above matter.
Garage Sales	Dated April 9,	D. If bidder does	tion including all	comply with the provisions con-	agrees	VDICTI	DEPARTMENT	The board has ju risdiction and lega
Pierre Fr 4/27	2012.	not submit a bid, bidder will fulfill	necessary general construction work.	tained herein. Should bidder be	A. The Plans and Specifications are	HONEYWELL.	AND PARKS	authority to issue orders for the de
opm & Sat. 4/28, opm Collectibles, weiser fire pit.	1608 36th St. SF.	of B and C above	Plans and Specifi-	awarded a con- tract for construc-	of the State;	State Engineer	SECTION	velopment of the oil and gas re
weiser fire pit w), Coleman grill, ping stuff, Grafts-	Rio Rancho New Mexico	on or before the date of the bid	cations may be obtained by bid-	tion of the project. bidder does not	B. Any copies of the Plans and	Office of the State Engineer	ELLINGSON	sources of the state pursuant to
42in riding lawn ver, GPS, aluminum	87124 (505) 449-8078	E The Plans and	ders at the office of Office Of The	destroy Plans and	tained directly	Published twice	Supervisor	South Dakota Codified Laws
up headache rack, clubs, furniture,	Hughes Co. Clerk	Specifications are to be used only	State Engineer, 523 E. Capitol	Specifications until after completion of	from the State will be returned to the	at the total ap- proximate cost of	Published three	(SDCL) Chapters 45-9-30 through
ks. home decora-	of Courts PO Box 1238	with respect to this project and are	Avenue, Pierre, South Dakota	All questions	office of Associ- ated Consulting	\$85.98	times at the total approximate cost	ther pursuant to
n juice, purses,	Pierre SD 57501 605-773-3713	any other project	57501, telephone number	should be directed to Rich Ivey, P.E., Office of the State	Engineering, Inc., immediately after	3idly 4/26, 5/3,5/9	of \$76.22 SNAXLP 12050	Chapter 1-26 and to Administrative
ning, teen to PLUS mens M-2X, west-	William M. Van	or purposes other than preparing a	605.773.3466. Copies are on file	Engineer at 605	notice that bidder	be received by the	2tdly 4/26, 5/3 STATE OF	Rules of South Dakota (ARSD
I NEW ITEMS.	Olinger, Lovald,	bid for this project: F. The Plans and	poses at the Of-	Each bid in ex-	awarded a con-	Department of Game, Fish and	SOUTH DAKOTA DEPARTMENT	The hearing is at
ed on Saturday!	McCahren & Reimers	not be dissemi-	Engineer, Joe	\$50,000.00 must	days after the bid	Parks Engineering Section located at	OF	adversary pro- ceeding and any
R ANTELOPE SI	PO Box 66 Pierre SD 57501	son or entity for	East Capitol Ave-	be accompanied by a certified	project, which	the Foss Building, 523 East Capitol	AND NATURAL RESOURCES	party has the right to be represented
re Sat 4/28.	605-224-8851	purposes other than obtaining	nue, Pierre, South Dakota	check, cashier's check or draft in	ever occurs first: C. Any copies of	Ave. Pierre, South Dakota	BOARD OF MINERALS AND	by a lawyer These and othe
oys & girls clothes.	2tdly 4/26. 5/3	pricing information without the ex-	57501-3182. Any- one requesting.	of the base bid	Specifications	57501-3182 until 3:15 PM on May	ENVIRONMENT NOTICE OF	due process right will be forfeited
y carriers, furniture,	Sealed bids will	press written ap-	reviewing, or	and all add alter-	made by the bid-		LIF & DINC	they are not exer
dishes, home de-	State Engineer on	G. All information	Specifications for this project (such	on a State or Na-	stroyed immedi-	construction of boat ramp and	IN THE MATTER OF THE	ing. The boar may approve, con
N Grand Ave., Pi- Sat 4/28,	reau of Admin-	Plans and Specifi- cations is confi-	individual is here- inafter referred to	10% bid bond is- sued by a surety	State provides no- tice that bidder will	parking lot at the	PETITION OF LUFF	ditionally approve or deny the appli
-Noon, cleaned at- & house out Bar-	fice of the State	H Should the bid-	as bidder) agrees that they	authorized to do	contract, or thirty	Site in Farm Is- land Recreation	EXPLORATION COMPANY FOR	cation. The board's decision
etball hoop, trum-	Hoss Building, 523	der disseminate	are doing so for	State of South Da-	(30) days after the bid opening for the		AN ORDER	will be based upor
ps, boat tube. ks. punch bowl.	erre, South Da-	Specifications to	of submitting a bid	payable to the Bu-	project, which ever occurs first	kota.	OPERATION OF A PORTION OF	ceived at the hear ing. The board'
sellameous	until 3:00 PM, May	entity for purposes	consideration of	State of South Da.	D. If bidder does	Plans and Specifi-	THE TRAVERS	decision may be appealed to the
N. Madison Ave	and materials to	ing information,	Dakota providing	kota	bidder will fulfill		THE STATE LINE FIELD, AND THE	Circuit Court and the State Su
-3pm Downsizing	Site Work and	quire that individ- ual or entity to ad-	Specifications for the purpose of	Administration re- serves the right to	of B and C above on or before the	Department of	YELLOW HAIR FIELD.	preme Court a provided by law
utility trailer, area	Broadway Ave.	here to the terms	preparing a bid,	bids and to waive	date of the bid opening;	Game. Fish and Parks Engineering Section: Foss	CONSISTING OF THE SE/4 OF	If the amount is controversy ex
e sets, construction	plex. Pierre, SD	The bidder, how- ever, assumes no	A. The Plans and	any irregularities therein.	E. The Plans and Specifications are	Section: Foss Building: 523 East Capitol Avenue:	THE SE/4 OF SECTION 28. THE E/2 OF	ceeds two thou sand five hundre
nen.	ACC11-	use of the Plans	the sole property	KRISTI	with respect to this	Capitol Avenue; Pierre, South Da- kota 57501-3182,	SECTION 32 AND	dollars or if a prop
S. Cleveland Ave rre. Sat. 4/26. i-3pm. Multi-family	Combined Bids	and Specifications	of the State;	HONEYWELL	project and are	ohone	33. TOWNSHIP 23 NORTH.	terminated, an party to the con
AC unit boys &	Grounds Shop	or such third	Specifications ob-	State Engineer Office of the	or purposes other	Planholder list	RANGE 5 EAST,	tested case ma
8: womens clothes	Utilities including	comply with the	from the State will	State Engineer	than preparing a bid for this project	and bid results are available on-line.	AND THE N/2 OF SECTION 4, ALL OF SECTION 5.	require the agenc to use the Offici of Hearing Exam
cellaneous. Don't	orenaration utili.	tained herein.	be returned to the	Published twice at the total ap-	F. The Plans and Specifications will	to Gree Otkin at	THE E/2 AND	iners by giving no
Public Notice	ioungation, con-			\$85.61.	nated to any per-	(605)773-4237.	SW/4 OF SECTION 6, THE	tice of the request to the agency n
AXLP 12023	Copies of the	tion of the project, bidder does not		SNAXLP 12048	purposes other	cess of	N/2 OF SECTION 7 AND THE NW/4 OF SECTION 8.	later than ten day after service of
ly 4/12, 4/19,	cations may be	need to return or destroy Plans and	that bidder will not	Invitation To Bid	than obtaining	be accompanied	TOWNSHIP 22	notice of hearing issued pursuant to
South Dakota	dors at the office	Specifications until	days after the bid	he reashind his the	without the ex- press written ap-	check or draft in	NORTH, RANGE 5 EAST, HARDING	SDCL Chapte 1-26-17
Pardons and	ing 3030 Airport	the project.	opening for the project, which	behelf of the Du	proval of the state;	check or dran in	HARDING COUNTY, SOUTH DAKOTA.	Any person whi wishes to inter
Notice of	Road, Suite A, Pi-	cess of	ever occurs first,	istration at the Of-	contained in the	and all add alter-	LOCATED	vene in this pro ceeding as a part
Executive	phone number	be accompanied by a certified	the Plans and Specifications	Engineer loe	cations is confi-	on a State or Na-		
ale Coonrod	Conies are on file	check, cashier's	made by the bid-	East Capitol, Pi-	H. Should the bid-		BUFFALO, SOUTH DAKOTA.	suant to ARSI 74:09:01:04 on c
nced from	for viewing put-	the amount of 5%	stroyed immedi-	kota 57501-3182	the Plans and	authorized to do	TRAVERS	before May 23 2012.
6th Day of Oc- er, 1997, to Jail	fice of the State Engineer, Joe	and all add alter- nates and drawn	State provides no- tice that bidder will	until 3:00 PM CT, May 9, 2012 for labor and materi- als to HVAC Sys-	an individual or entity for purposes	business in the State of South Da-	RIVER UNIT:	Notice is furthe given to individu
the crime of urth Degree	Foss Building, 523 East Capitol Ave-	on a State or Na- tional Bank or a	not be awarded a contract, or thirty	labor and materi- als to HVAC Sys-	of obtaining pric- ing information.	kota and made payable to the De-	THE RECOVERY	als with disabilities that this hearing is
glary Has ap-	nue, Pierre, South Dakota	10% bid bond is-	(30) days after the bid opening for the	tem Repairs. South Dakota	the bidder will re- guire that individ-	partment of Game, Fish and	OF RISK COMPENSATION	being held in a physically access
kota Board of	57501-3182. Any- one requesting.	authorized to do	project, which	tem Repairs. South Dakota Women's Prison. 3200 E. Highway 34, Pierre. South	ual or entity to ad- here to the terms	Parks of the State of South Dakota.	HOM OWNERS	ble place. Pleas notify the Depart
es for: Pardon.	reviewing. or copying Plans and	State of South Da- kota and made	D. If bidder does not submit a bid	34, Pierre, South Dakota 57501	set forth herein. The bidder how-	Anyone request- ing, reviewing, or	HAVE THEIR SHARE OF UNIT	ment and Natura
				Dakota 57501 OSE# ACC12				Resources at leas 48 hours befor
Circuit Court	individual is nere-	istration of the	of B and C above	Combined Bids	use of the Plans	individual is here-	AMENDING EXISTING	the public hearin if you have a dis
Circuit	agrees that they	kola.	date of the bio	HVAC System Re-	by such third party	as "bidder")	ORDERS TO INCLUDE ALL OF	ability for which special arrange
Pro. 12-17 Notice to	are doing so for	Administration re-	E. The Plans and	necessary Me-	party's failure to	are doing so for	THE LANDS IN THE TRAVERS	ments must b made at the hear
Notice of	on the project. In	reject any or all	to be used only	trical work.	provisions con-	of submitting a bid	RANCH FIELD: APPROVING	ing. The telephon number for mak
and	the State of South	any irregularities	project and are	Plans and Specifi-	Should bidder be	on the project. In consideration of	THE UNIT AGREEMENT	ing special ar rangements i
Personal	such Plans and	KOIDTI	any other project	obtained by bid-	tion of the preject	Dakota providing	AND UNIT OPERATING	(605) 773-4201. The applicatio
epresentative State of	Specifications for the purpose of	HONEYWELL.	than preparing a	of Associated	bidder does not	specifications for	AGREEMENT FOR THE UNIT:	and notice of hearing are als
outh Dakota ss	preparing a bid, Bidder further	State Engineer	F. The Plans and Specifications with	Consulting Engi- neering, Inc., 340 South Phillips Avenue Sioux	destroy Plans and Specifications until	the purpose of preparing a bid,	DESIGNATING	posted on the de partment's websit
unty of Hughes the Matter of	agrees: A. The Plans and	State Engineer	not be dissemi- nated to any per-	South Phillips Avenue, Sioux	after completion of the project.	bidder agrees that any copies of the		at http://denr.sd.gov
e Estate of Kay	Specifications are	Published twice	SOIL OF BUILITY TOT	1.1. 53404 0040	Each pig in ex-	plans and specifi- cations obtained	UNIT ODERATOR AND	des/og/oghome.a
Deceased. otice is given	of the State; B Any copies of	proximate cost of	than obtaining	telephone number 605 335 3720. Copies are on file for viewing pur- poses at the Of- fice of the State Engineer, Joe	\$50,000.00 must	directly from the State will be re-	FOR OTHER RELIEF AS THE	formation about this application i
t on April 9. 12, Brian D	the Plans and Specifications ob-	SNAXLP 12047	without the ex-	Copies are on file for viewing pur-	by a certified check cashier's	turned to the State immediately after	BOARD DEEMS APPROPRIATE	available from Bo Townsend. Ad
ena, whose ad-	tained directly from the State will	2tdly 4/26, 5/3 Invitation To Bid	proval of the state:	poses at the Of- fice of the State	check or draft in the amount of 5%	the State provides notice that bidder	Notice is hereby given to Luff Ex-	ministrator, Mine
eet SE, Rio	be returned to the office of Brosz En-	Sealed bids will be received by the	contained in the					
xico 87124.	gineering immedi- ately after the	State Engineer on behalf of the Bu-	cations is confi-	East Capitol Ave- nue, Pierre, South	nates and drawn	awarded a con- tract, or thirty (30) days after the bid opening for the	Colorado, and to	ment and Natura
rsonal Repre-	State provides no-	reau of Admin- istration at the Of-	H. Should the bid-	Dakota 57501-3182. Anv-	tional Bank or a	opening for the project, which	Board of Minerals	
editors of dece-	(30) days after the	Foss Building, 523	an individual or	copying Plans and Specifications for	business in the	awarded a con- tract for construc-	"board," will hold a contested case	(605) 773-420 email bob.town
ims within four	project, which	erre, South Da-	entity for purposes of obtaining pric-	this project (such	state of South Da- kota and made	tion of the project, bidder does not	hearing on the	send@state.sd.us Dated: April 20
nths after the te of the first	C. Any copies of	untii 4:00 PM, May	ing information, the bidder will re-	reviewing, or copying Plans and Specifications for this project (such individual is here- inafter referred to as "bidder")	payable to the South Dakota Bu-	need to return	matter on Thurs-	2012
tice or their	the Plans and Specifications	and materials to	quire that individ- ual or entity to ad-	as "bidder") agrees that they are doing so for	reau of Admin- istration of the	cations until after	2012, al 10 15	Steven M. Pirne Secretar
ims may be rred.	made by the bid- der will be de-	Grounds Shop Building, 700 E	here to the terms set forth herein	are doing so for the sole purpose	State of South Da- kota.	project.	Matthew Environ-	Published two
laims may be d with the Per-	stroyed immedi- ately after the	Broadway Ave- nue, Capitol Com-	The bidder, how- ever, assumes no	agrees that they are doing so for the sole purpose of submitting a bid on the project. In consideration of the State of South	The South Da- kota Bureau of	kota Department	and Training Cen-	at the total ap
nal Representa-	State provides no- tice that bidder will	plex, Pierre, SD 57501, OSE#	liability for the mis-	consideration of the State of South	Administration re-	or Game, Fish and Parks reserves	ter, Joe Foss Building, 523 East	\$96.31.
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e or may be	AYS TO PL	ACE YOUR	CLASSIFIE	DADINTH	E CAPITAL	JOURNAL (JR REMINI	PER PLUS.
easy w	AYS TO PL	ACE YOUR				G		JEK PLUS

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DEPT OF ENVIRONMENT & NATURAL RESOURCES - RAPID CITY

Affidavit of Publication state of south dakota: county of harding:

Letitia Lister of said County and State being first duly sworn, on her oath says: That the NATION'S CENTER NEWS is a legal week newspaper of general circulation, printed and published in the City of Buffalo, in said County and State by Letitia Lister, and has been such a newspaper during the times hereinafter mentioned; and that said newspaper has a bonafide circulation of at least 200 copies weekly, and has been published within said County in the English language for at least one year prior to the first publication of the notice herein mentioned, and is printed in whole or in part in an office maintained at the place of publication; and that I, Letitia Lister, the undersigned, am the Publisher of said newspaper and have personal knowledge of all the facts stated in this affidavit; and that the advertisement headed:

Case No. 4-2012

Subscribed and sworn to before me this 7 th

Notary Public, Lawrence County, South Dakota My commission expires: 10-24-2016

STATE OF SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT

NOTICE OF HEARING

CASE NO. 4-2012

IN THE MATTER OF THE PETITION OF LUFF PANY FOR AN ORDER APPROVING THE **OPERATION OF A POR-**TION OF THE TRAVERS RANCH FIELD, THE STATE LINE FIELD, AND THE YELLOW HAIR FIELD, CONSIST-ING OF THE SE/4 OF SECTION 28, THE E/2 OF SECTION 32 AND ALL OF SECTION 33, TOWN-SHIP 23 NORTH, RANGE 5 EAST, AND THE N/2 OF SECTION 4, ALL OF SECTION 5, THE E/2 AND SW/4 OF SECTION 6, THE N/2 OF SECTION 7 AND THE NW/4 OF SECTION 8, TOWNSHIP 22 NORTH, RANGE 5 EAST, HARDING COUN-TY, SOUTH DAKOTA, LOCATED ABOUT 20 MILES NORTH OF BUF-FALO, SOUTH DAKO-THE RECOVERY OF **RISK COMPENSATION** ELECT TO HAVE THEIR SHARE OF UNIT EXPENSES CARRIED; AMENDING EXISTING ORDERS TO INCLUDE ALL OF THE LANDS IN THE TRAVERS RANCH FIELD; APPROVING THE UNIT AGREEMENT AND UNIT OPERATING AGREEMENT FOR THE UNIT: DESIGNATING LUFF EXPLORATION COMPANY AS UNIT OPERATOR; AND FOR OTHER RELIEF AS THE BOARD DEEMS APPRO-PRIATE.

Notice is hereby given to Luff Exploration Company, Denver, Colorado, and to all interested persons that the Board of Minerals and Environment, hereinafter "board," will hold a contested case hearing on the above described matter on Thursday, June 14, 2012, at 10:15 a.m. CDT at the Matthew Environmental Education and Training Center, Joe Foss Building,

day of May, 201;

523 East Capitol Avenue, Pierre, SD 57501, for the purpose of hearing the above matter.

The board has jurisdiction and legal authority to issue orders for the development of the oil and gas resources of the state pursuant to South Dakota Codified Laws (SDCL) Chapters 45-9-30 through 45-9-36 and further pursuant to Chapter 1-26 and to Administrative Rules of South Dakota (ARSD) 74:09 and 74:12. The hearing is an adversary proceeding and any party has the right to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. The board may approve, conditionally approve, or deny the application. The board's decision will be based upon the evidence received at the hearing. The board's decision may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the amount in controversy exceeds two thousand five hundred dollars or if a property right may be terminated, any party to the contested case may require the agency to use the Office of Hearing Examiners by giving notice of the request to the agency no later than ten days after service of a notice of hearing issued pursuant to SDCL Chapter 1-26-17.

Any person who wishes to intervene in this proceeding as a party must file a petition to intervene pursuant to ARSD 74:09:01:04 on or before May 23, 2012.

Notice is further given to individuals with disabilities that this hearing is being held in a physically accessible place. Please notify the Department of Environment and Natural Resources at least 48 hours before the public hearing if you have a disability for which special arrangements must be made at the hearing. The telephone number for making special arrangements is (605) 773-4201.

The application and notice of hearing are also posted on the department's website at: http://denr.sd.gov/des/og/o ghome.aspx. Additional information about this application is available from Bob Townsend, Administrator, Minerals and Mining Program, Department of Environment and Natural Resources, 523 East Capitol Avenue, Pierre, SD 57501, telephone (605) 773-4201, email bob.townsend@state.sd.us. Dated: April 20, 2012

-s- Steven M. Pirner Steven M. Pirner Secretary Published twice at the total approximate cost of \$78.95. #138

April 26, May 3

Hegg, Jenny

From: Sent: To: Subject: Townsend, Bob Tuesday, May 01, 2012 11:59 AM 'Dayton & Pam Ekblad' RE: Case no. 4-2012

Pam,

Luff has petitioned the Board of Minerals and Environment for an order allowing them to establish a new enhanced oil recovery unit in Harding County. Really what this means is they want to start injecting water into the area to increase oil production. Essentially what this does is brings several producing properties together so they can be operated as one "unit" with the production split among all the owners of the unit based on a formula. The process at the state level requires them to apply for this permission under state law. The board is the entity that hears their case and issues the order allowing them to do what they want to do.

The reason you received the letter from Luff is they are required under state law to notify anyone with a property interest in the area they plan to "unitize". The following links are to the application and the Notice of Hearing, which you may already have. They include the general location and other particulars of the proposed operation along with details on the June 14 hearing that will be held in Pierre <u>http://denr.sd.gov/des/og/documents/Luffapplication4-2012.pdf</u> <u>http://denr.sd.gov/des/og/documents/Luffapplication4-2012.pdf</u>. You are certainly welcome to attend the hearing if you wish. You may also want to ask Luff for more details on how this may affect your share of production.

As to whether there will be commercial amounts of gas produced as part of this operation, it is possible since generally some gas is produced with the oil (minor amounts compared to the oil produced).

If you have any additional questions feel free to email or call (605) 773-4201.

Bob Townsend, Administrator Minerals and Mining Program

From: Dayton & Pam Ekblad [mailto:daymela@charter.net] Sent: Tuesday, May 01, 2012 9:40 AM To: Townsend, Bob Subject: Case no. 4-2012

Dear Bob My name is Pamela Ekblad. I got a certified letter from Luff exploration co. Can you brake down what it means?I read it and I don't speak lawyer. What if anything do I have to do? I have a very very small portion of three wells. .0007 of 1 percent. On my statements I only show oil money I don't know anything about gas? Is there gas too??

Thank you for your time.

Pam Ekblad





DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES

Minerals & Mining Program 2050 West Main Street, Suite #1 Rapid City, SD 57702-2493 Telephone: 605-394-2229 Fax: 605-394-5317

April 20, 2012

Brett Koenecke May, Adam, Gerdes & Thompson LLP P. O. Box 160 Pierre, South Dakota 57501-0160

Dear Mr. Koenecke:

Enclosed is a copy of the notice of hearing for Luff Exploration Company's application requesting unitization and risk compensation for an enhanced recovery unit in Harding County, South Dakota (Oil and Gas Case No. 4-2012). The notice of hearing has been sent to the following newspapers for publication on April 26 and May 3, 2012: Capital Journal (Pierre) and the Nation's Center News (Buffalo).

It is the applicant's responsibility to serve notice on those persons "....whose property may be affected..." as specified in South Dakota Codified Laws 45-9-58. Therefore, following service of the notice, please file the following with our office:

- 1. Affidavit of Notification
- 2. Certified mail return receipts at least 10 days prior to the intervention date
- 3. A list of persons notified

Also be advised that, before an order authorizing risk compensation is entered, Administrative Rules of South Dakota 74:12:10:04 requires the applicant to:

1. Provide proof that an unsuccessful, good-faith attempt was made to have the nonparticipating owner execute a lease or participate in the risk and cost of unit operations; and

2. Notify the nonparticipating owner with proof of service that the applicant intends to request the board to provide for the recovery of risk compensation and that the nonparticipating owner may object to the risk compensation provision by responding in opposition to the application for the compulsory unitization order.

Brett Koenecke Page Two April 20, 2012

If you have any questions, please feel free to contact me at 605-773-4201.

Sincerely,

Polent Townsend

Robert Townsend, Administrator Minerals and Mining Program

Enclosure

cc w/enc : John Morrison, Attorney at Law, P. O. Box 2798, Bismarck, ND 58502 Roxanne Giedd, Deputy Attorney General, Office of the Attorney General, Pierre, SD

STATE OF SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES BOARD OF MINERALS AND ENVIRONMENT

IN THE MATTER OF THE PETITION OF LUFF	
EXPLORATION COMPANY FOR AN ORDER	
APPROVING THE OPERATION OF A PORTION	
OF THE TRAVERS RANCH FIELD, THE STATE	
LINE FIELD, AND THE YELLOW HAIR FIELD,	
CONSISTING OF THE SE/4 OF SECTION 28,	
THE E/2 OF SECTION 32 AND ALL OF	
SECTION 33, TOWNSHIP 23 NORTH, RANGE 5	5
EAST, AND THE N/2 OF SECTION 4, ALL OF	NOTICE
SECTION 5, THE E/2 AND SW/4 OF SECTION 6,	
THE N/2 OF SECTION 7 AND THE NW/4 OF	OF
SECTION 8, TOWNSHIP 22 NORTH, RANGE 5	
EAST, HARDING COUNTY, SOUTH DAKOTA,	HEARING
LOCATED ABOUT 20 MILES NORTH OF	
BUFFALO, SOUTH DAKOTA, AS THE	
TRAVERS RANCH RED RIVER UNIT;	
PROVIDING FOR THE RECOVERY OF RISK	CASE NO. 4-2012
COMPENSATION FROM OWNERS WHO	
ELECT TO HAVE THEIR SHARE OF UNIT	
EXPENSES CARRIED; AMENDING EXISTING	
ORDERS TO INCLUDE ALL OF THE LANDS IN	
THE TRAVERS RANCH FIELD; APPROVING	
THE UNIT AGREEMENT AND UNIT	
OPERATING AGREEMENT FOR THE UNIT;	
DESIGNATING LUFF EXPLORATION	
COMPANY AS UNIT OPERATOR; AND FOR	
OTHER RELIEF AS THE BOARD DEEMS	
APPROPRIATE.	
	Denne Calanda and to all interested

Notice is hereby given to Luff Exploration Company, Denver, Colorado, and to all interested persons that the Board of Minerals and Environment, hereinafter "board," will hold a contested case hearing on the above described matter on Thursday, June 14, 2012, at 10:15 a.m. CDT at the Matthew Environmental Education and Training Center, Joe Foss Building, 523 East Capitol Avenue, Pierre, SD 57501, for the purpose of hearing the above matter.

The board has jurisdiction and legal authority to issue orders for the development of the oil and gas resources of the state pursuant to South Dakota Codified Laws (SDCL) Chapters 45-9-30 through 45-9-36 and further pursuant to Chapter 1-26 and to Administrative Rules of South Dakota (ARSD) 74:09 and 74:12. The hearing is an adversary proceeding and any party has the right to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised at the hearing. The board may approve, conditionally approve, or deny the application. The board's decision will be based upon the evidence received at the hearing. The board's decision may be appealed to the Circuit Court and the State Supreme Court as provided by law.

If the amount in controversy exceeds two thousand five hundred dollars or if a property right may be terminated, any party to the contested case may require the agency to use the Office of Hearing Examiners by giving notice of the request to the agency no later than ten days after service of a notice of hearing issued pursuant to SDCL Chapter 1-26-17.

Any person who wishes to intervene in this proceeding as a party must file a petition to intervene pursuant to ARSD 74:09:01:04 on or before May 23, 2012.

Notice is further given to individuals with disabilities that this hearing is being held in a physically accessible place. Please notify the Department of Environment and Natural Resources at least 48 hours before the public hearing if you have a disability for which special arrangements must be made at the hearing. The telephone number for making special arrangements is (605) 773-4201.

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Dated: April 20, 2012

Steven M. Pirner Secretary

Published twice at the total approximate cost of ______.

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STATE OF SOUTH DAKOTA

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES - RAPID CITY BOARD OF MINIED ALS, AND DOMINIC CONTRACT OF MINIED ALS, AND DOMINICAL AN BOARD OF MINERALS AND ENVIRONMENT

IN THE MATTER OF THE PETITION OF) LUFF EXPLORATION COMPANY FOR) AN ORDER APPROVING THE OPERATION OF A PORTION OF THE) TRAVERS RANCH FIELD, THE STATE) LINE FIELD, AND THE YELLOW HAIR) FIELD, CONSISTING OF THE SE/4 OF) SECTION 28, THE E/2 OF SECTION 32) AND ALL OF SECTION 33, TOWNSHIP) 23 NORTH, RANGE 5 EAST, AND THE) N/2 OF SECTION 4, ALL OF SECTION 5, THE E/2 AND SW/4 OF SECTION 6, THE N/2 OF SECTION 7 AND THE NW/4 OF SECTION 8, TOWNSHIP 22 NORTH, RANGE 5 EAST, HARDING COUNTY, SOUTH DAKOTA, AS THE TRAVERS RANCH RED RIVER UNIT: PROVIDING FOR THE RECOVERY OF RISK COMPENSATION FROM OWNERS WHO) ELECT TO HAVE THEIR SHARE OF UNIT EXPENSES CARRIED: AMENDING EXISTING ORDERS TO INCLUDE ALL) OF SAID LANDS IN THE TRAVERS RANCH FIELD; APPROVING THE UNIT AGREEMENT AND UNIT OPERATING AGREEMENT FOR THE UNIT:) DESIGNATING LUFF EXPLORATION) COMPANY AS UNIT OPERATOR; AND) GRANTING SUCH OTHER RELIEF AS) THE BOARD DEEMS APPROPRIATE.)

AMENDED PETITION

Case No. 4-2012

COMES NOW the petitioner, Luff Exploration Company ("Luff"), and respectfully alleges as follows:

1. Luff represents the owners of interests in the oil and gas leasehold estate in all or

portions of the following described lands:

Township 23 North, Range 5 East Section 28: SE/4 Section 32: E/2

Section 33: All

Township 22 North, Range 5 EastSection 4:N/2Section 5:AllSection 6:E/2, SW/4Section 7:N/2Section 8:NW/4

Consisting of 3029.62 acres, more or less, in Harding County, South Dakota (the "Unit Area").

2. The Unit Area is included within either the Travers Ranch field, the State Line Field or the Yellow Hair field.

3. The Travers Ranch field was established by Order 3-73b which included Sections 5, 6, 7 and 8 within the field. Order No. 4-99 established 640-acre spacing for the Red River "B" pool underlying Section 5. Order No. 4-2000 established a 640-acre spacing unit consisting of the S/2 of Section 6 and the N/2 of Section 7 with up to two laterals to be drilled at any location not closer than 660 feet to the boundary of the spacing unit and Order No. 2-2005 reduced the setback for one of these laterals to 500 feet.

4. Order No. 1-73 established the State Line Field and included Sections 28, 32 and 33 within the field. Pursuant to Order No. 5-2004, the E/2 of Section 32 and the W/2 of Section 33, Township 23 North, Range 5 East, constitute a 640-acre spacing unit for the Red River "B" pool in the State Line field. Pursuant to Order No. 3-2011. the E/2 of Section 33 and the SE/4 of Section 28 constitute a 480-acre spacing unit for the Red River "B" pool in the State Line field.

5. Order No. 2-73A established 320-acre spacing for the Yellow Hair field. In Order No. 2-83, the field was extended to include Section 4. In Order No. 19-97, spacing was changed to 640-acre spacing for purposes of drilling horizontal wells in some portions of the field. In

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Order No. 2-2007, a 320-acre spacing unit consisting of the N/2 of Section 4 was established for the Red River "B" pool.

6. In applicant's opinion, the Red River "B" reservoir underlying all of said lands is part of the same common source of supply.

7. Within the Unit Area, Luff has drilled a total of 1 vertical and 5 horizontal oil and gas wells in the Red River "B" formation and Luff is the operator of all of the wells included within the Unit Area. The Janvrin 1-32 was drilled as a vertical well and produced from the Red River "B" formation with a spacing unit for the State Line field consisting of the SE/4 of Section 32 and the SW/4 of Section 33. The Janvrin I-32H well was drilled as a horizontal well on a spacing unit for the State Line field consisting of the E/2 of Section 32 and the W/2 of Section 33 and produces from the Red River "B" pool. The Janvrin O-33H well was drilled on a spacing unit for the State Line field consisting of the E/2 of Section 33 and the SE/4 of Section 28. The Laurel Foust F-4H was drilled as a horizontal well on a spacing unit for the Yellow Hair field consisting of the N/2 of Section 4. The Travers N-5H was drilled as a horizontal well for the Travers Ranch field described all of Section 5 and produces from the Red River "B" pool. The Travers 1-6 was drilled as a horizontal well on a spacing unit for the Travers Ranch field consisting of the S/2 of Section 6 and the N/2 of Section 7. Luff has also drilled two wells which have produced from the Red River "D" formation, being the Travers K-5 well in Section 5 and the Travers 1-7A in the N/2 of Section 7, but the Red River "D" formation is not proposed to be included within the unitized formation which is the subject of this petition. The only well included within the State Line, Yellow Hair or Travers Ranch fields which is not operated by Luff is the Fuller Canyon Federal 1-9 well which is operated by Murex Petroleum Corporation,

but not proposed to be included within the unit. Murex Petroleum Corporation also owns a nonoperated interest within the Unit Area and will therefore be included within the unit.

8. Through March 31, 2012, these wells have produced approximately 619,655 barrels of oil from the Red River "B" formation. Luff estimates that these wells will recover approximately 362,979 additional barrels of oil from the Red River "B" formation under primary recovery operations, for a total primary recovery of approximately 982,634 barrels.

9. Luff operates a number of other Red River "B" wells in the Harding County, South Dakota, and Bowman County, North Dakota area and also operates eight Red River "B" secondary recovery units in this area. Based upon Luff's experience with other wells and units, Luff believes that unitization of the Unit Area and implementation of a secondary recovery project consisting of a water flood will substantially increase the recovery of oil and gas from the Red River "B" formation underlying the Unit Area.

10. Specifically, reservoir modeling indicates that injecting water into three horizontal wells, including two new horizontal wells and one existing horizontal well, and producing oil and gas through the four remaining horizontal wells will likely result in the recovery of approximately 510,000 additional barrels of oil, together with the associated gas that will also be recovered, from the Unit Area. The estimated cost of such an enhanced recovery method is \$10.4 million. The value of these additional reserves far exceeds the costs necessary to implement a secondary recovery program. The present value, discounted at 10%, of the anticipated secondary recovery, net of the anticipated capital investment, is \$9.2 million.

11. At the present time, Luff anticipates injecting water into the existing Janvrin O-33H well and two new wells to be drilled, one in the SE/4 of Section 32 and the central portion of Section 5, and one primarily along the north/south boundary between Sections 5 and 6. Luff

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will obtain approval pursuant to ARSD Chapter 74:12:07 prior to commencing injection in these wells or any other well.

12. Luff further believes that to protect the correlative rights of all owners of interests within the lands, production from the proposed unit area should be allocated on the basis of a two-phase formula, with Phase I based 4% on surface acres, 48% on current rate, defined as a 6 month average daily oil production ending April 2012, and 48% on remaining recoverable oil under primary recovery, and Phase II based 68% on estimated ultimate primary recovery, 28% on movable original oil in place, and 4 % surface acres. At the hearing in this matter, Luff will submit a proposed plan for unit operations consisting of a unit agreement and unit operating agreement addressing, among other things, the matters set forth in Section 45-9-39 of the South Dakota Codified Laws.

13. Luff proposes that the name of the proposed unit be the "Travers Ranch Red River Unit" and that it be designated as unit operator.

14. There are no unleased mineral owners within the proposed unit. Luff requests that the Board authorize the inclusion in the unit operating agreement of a provision allowing the recovery of risk compensation in accordance with ARSD 74:12:10:05 from lessees who elect not to participate in the risk and cost of unit operations after being afforded a reasonable opportunity to do so. Order No. 6-2004 authorized the recovery of risk compensation from any owner who elected not to participate in the risk and cost of drilling the Janvrin I-32H well. To the extent any such owners elected not to participate and are currently subject to risk compensation in accordance with Order No. 6-2004, Luff will address how such risk compensation will be handled after the effective date of the unit in the unit operating agreement which will be provided to the Board for its consideration and approval at the hearing of this matter.

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15. To facilitate and enhance the value of reporting and tracking production and injection rates, applicant believes that current orders should be amended to that all the lands included within this unit are included within a single field, and applicant believes that all of said lands should be included in the Travers Ranch field.

16. The establishment of a secondary recovery unit and implementation of a secondary recovery program is reasonably necessary to increase substantially the ultimate recovery of oil and gas from the lands.

17. The value of the estimated additional recovery of oil and gas exceeds the estimated additional cost incident to conducting such operation.

18. The proposed unit area is of such size and shape as may be reasonably required for the conduct of the unit operations and the conduct of such operation will have no adverse effect upon other portions of the pool.

19. The Board has authority to hear and decide this matter pursuant to, and the subject of this petition involves, SDCL Sections 45-9-37 through 45-9-49 and ARSD 74:12:06:01.

WHEREFORE, applicant respectfully requests that this matter be set for hearing at the regularly scheduled hearings in June, 2012 or such other date as may be established by the Board and that thereafter the Board enter its order amending existing orders governing the Unit Area including, without limitation, Order Nos. 1-73, 2-73a, 3-73b, 19-97, 4-99, 4-2000, 5-2004, 2-2005, 2-2007, and 3-2011, including the Unit Area within the Travers Ranch field, approving the operation of the Unit Area as unit in accordance with the unit agreement and unit operating agreement as may be submitted by Luff at the hearing of this matter including the recovery of risk compensation in accordance with such agreements, and granting such other relief as may be requested.

Dated this <u>13</u>th day of April, 2012.

LUFF EXPLORATION COMPANY

John W. Morrison CROWLEY FLECK PLLP Suite 600, 400 East Broadway PO Box 2798 Bismarck, ND 58502

MAY, ADAM, GERDES & THOMPSON, L.L.P. 503 South Pierre Street PO Box 160 Pierre, SD 57501-0160

By:C BREOT KOENECKE

State of Colorado))ss.County of Denver)

Luff Exploration Company, applicant in the captioned matter, hereby grants permission to the secretary for the performance of inspections required or authorized by SDCL Chapter 45-9 or ARSD Article 74:12.



LUFF EXPLORATION COMPANY

Al R. Juff

Subscribed and sworn to this 12^{+h} day of April, 2012.

amire

Notary Public Denver County, Colorado My Commission Expires: 8 21 2014

APR 1 6 2012

RESOURCES - RAPID CITY

LAW OFFICES

MAY, ADAM, GERDES & THOMPSON LLP DEPT OF ENVIRONMENT & NATURAL

503 SOUTH PIERRE STREET P.O. BOX 160 PIERRE, SOUTH DAKOTA 57501-0160

SINCE 1881

www.magt.com

OF COUNSEL DAVID A. GERDES CHARLES M. THOMPSON GLENN W. MARTENS IBBI-1963 KARL GOLDSMITH IBB5-1966 BRENT A. WILBUR 1949-2006 TELEPHONE 605 224-0803

> TELECOPIER 605 224-6289

ROBERT B. ANDERSON TIMOTHY M. ENGEL MICHAEL F. SHAW BRETT KOENECKE CHRISTINA L. KLINGER MARCOS A. AGUILAR JUSTIN L. BELL DOUGLAS A. ABRAHAM

Writer's E-mail: DAA@magt.com

April 13, 2012

SENT VIA FACSIMILE & U.S. MAIL

Bob Townsend Board of Minerals and Environment Department of Environment and Natural Resources 2050 West Main, Suite 1 Rapid City, SD 57702

RE: LUFF EXPLORATION COMPANY MATTERS Our file: 4385

Dear Bob:

Enclosed for filing please find two original Amended Petition's filed on behalf of Luff Exploration. Please do not hesitate to contact me if you have any questions.

Very truly yours.

MAY, ADAM, GERDES & THOMPSON LLP

DOUGLAS A. ABRAHAM DAA/sjs

Enclosures



DEPARTMENT of ENVIRONMENT and NATURAL RESOURCES Minerals & Mining Program - Oil & Gas Section 2050 West Main, Suite #1, Rapid City, SD 57702-2493 Telephone: 605-394-2229, FAX: 605-394-5317

APR 1 6 2012 DEPT OF ENVIRONMENT & MATURAL RESOURCES - RAPID COT?

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STATE OF SOUTH DAKOTA BEFORE THE SECRETARY OF THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

IN THE MATTER OF THE)	CERTIFICATION OF
APPLICATION OF <u>Richard D. George</u>)	APPLICANT
)	
STATE OF COLORADO)	
COUNTY OF DENVER) SS)	

I, <u>Richard D. George</u>, the applicant in the above matter after being duly sworn upon oath hereby certify the following information in regard to this application:

South Dakota Codified Laws Section 1-40-27 provides:

"The secretary may reject an application for any permit filed pursuant to Titles 34A or 45, including any application by any concentrated swine feeding operation for authorization to operate under a general permit, upon making a specific finding that:

(1) The applicant is unsuited or unqualified to perform the obligations of a permit holder based upon a finding that the applicant, any officer, director, partner, or resident general manager of the facility for which application has been made:

- (a) Has intentionally misrepresented a material fact in applying for a permit;
- *(b) Has been convicted of a felony or other crime of moral turpitude;*
- (c) Has habitually and intentionally violated environmental laws of any state or the United States which have caused significant and material environmental damage;
- (d) Has had any permit revoked under the environmental laws of any state or the United States;

(e) Has otherwise demonstrated through clear and convincing evidence of previous actions that the applicant lacks the necessary good character and competency to reliably carry out the obligations imposed by law upon the permit holder; or (2) The application substantially duplicates an application by the same applicant denied within the past five years which denial has not been reversed by a court of competent jurisdiction. Nothing in this subdivision may be construed to prohibit an applicant from submitting a new application for a permit previously denied, if the new application represents a good faith attempt by the applicant to correct the deficiencies that served as the basis for the denial in the original application.

All applications filed pursuant to Titles 34A and 45 shall include a certification, sworn to under oath and signed by the applicant, that he is not disqualified by reason of this section from obtaining a permit. In the absence of evidence to the contrary, that certification shall constitute a prima facie showing of the suitability and qualification of the applicant. If at any point in the application review recommendation, or hearing process, the secretary finds the applicant has intentionally made any material misrepresentation of fact in regard to this certification, consideration of the application may be suspended and the application may be rejected as provided for under this section.

Applications rejected pursuant to this section constitute final agency action upon that application and may be appealed to circuit court as provided for under chapter 1-26."

Pursuant to SDCL 1-40-27, I certify that I have read the forgoing provision of state law, and that I am not disqualified by reason of that provision from obtaining the permit for which application has been made.

Dated this <u>life</u> day of <u>April</u> , <u>2012</u> .	CRIA RAMIRE
inthe	C. YOTARY
Applicant – Richard D. George	0.0
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at the second with the second	Aller
Subscribed and sworn before me this <u>day of April</u> , <u>2012</u> .	
Aloria Ramirez	
Notary Public	
My commission expires: $821/2014$	

(SEAL)

PLEASE ATTACH SHEET DISCLOSING ALL FACTS PERTAINING TO SDCL 1-40-27 (1)(a) THROUGH (e). ALL VIOLATIONS MUST BE DISCLOSED, BUT WILL NOT AUTOMATICALLY RESULT IN THE REJECTION OF AN APPLICATION.