

DATE IN <u>5.10.12</u>	SUSPENSE	ENGINEER <u>WVJ</u>	LOGGED IN <u>5.10.12</u>	TYPE <u>SWD</u>	APP NO. <u>1213139135</u>
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PTG-W

6/5/12
Last Date

1338

Limerock 277558

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Oxy Pero #1

ADMINISTRATIVE APPLICATION CHECKLIST

30-015-34683

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

F-24-185-27E

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR
- [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

2
6690'-7300' Perf
7300-9200' oH
1338 PSI

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate and complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

David Sibley
Print or Type Name

David Sibley
Signature

Production Engineer
Title

5-7-12
Date

dsibley@limerockresources.com
E-Mail Address

May 9, 2012

Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: Ms. Jami Bailey, CPG
Division Director

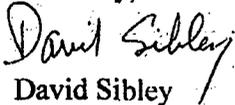
Re: Form C-108
Lime Rock Resources II-A, L.P.
Oxy Peso No. 1
API No. 30-015-34683
1650' FNL & 1850' FWL, Unit F
Section 24, T-18S, R-27E, NMPM,
Eddy County, New Mexico

Dear Ms. Bailey,

Enclosed please find a Division Form C-108 (Application for Authorization to Inject) for the Lime Rock Resources II-A, L.P. ("Lime Rock") Oxy Peso Well No. 1. Lime Rock proposes to re-enter this non-productive plugged and abandoned well and convert it to a produced water disposal well, injection to occur into the Abo, Wolfcamp and Cisco formations through the perforated interval from 6,690 feet to 7,300 feet and open-hole interval from 7,300 feet to 9,200 feet. Produced water from the Glorieta, San Andres, Grayburg, Queen and Yeso formations originating from Lime Rock operated wells in this area will be injected into the well.

I believe that all the information necessary to approve the application is enclosed. If additional information is needed, please contact me at (713) 345-2134.

Sincerely,



David Sibley
Production Engineer
Lime Rock Resources II-A, L.P.
1111 Bagby Street, Suite 4600
Houston, Texas 77002

Xc: OCD-Artesia

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance X Disposal _____ Storage
Application qualifies for administrative approval? X Yes _____ No
- II. OPERATOR: Lime Rock Resources II-A, L.P. (OGRID-277558)
ADDRESS: 1111 Bagby Street, Suite 4600 Houston, Texas 77002
CONTACT PARTY: David Sibley, Production Engineer PHONE: (713) 345-2134
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? _____ Yes X No ✓
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: David Sibley TITLE: Production Engineer
SIGNATURE: David Sibley DATE: 5-7-12
E-MAIL ADDRESS: dsibley@limerockresources.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

C-108 Application
Lime Rock Resources II-A, L.P.
Oxy Peso Well No. 1
API No. 30-015-34683 1650' FNL & 1850' FWL (Unit F)
Section 24, T-18S, R-27E, NMPM
Eddy County, New Mexico

- I. The purpose of the application is to request approval to convert the non-productive plugged and abandoned Oxy Peso Well No. 1 to a produced water disposal well in the Abo, Wolfcamp and Cisco formations.
- II. Lime Rock Resources II-A, L.P. ("Lime Rock")
1111 Bagby Street, Suite 4600
Houston, Texas 77002
Contact Party: David Sibley, Production Engineer-(713) 345-2134
- III. Injection well data sheet is attached. In addition, attached are schematic well diagrams showing the current and proposed wellbore configurations. Lime Rock proposes to re-enter this well, set 7" casing at a depth of 7,300 feet, cement this casing to a depth of 4,262 feet, and complete the well for injection through the perforated interval from 6,690 feet to 7,300 feet and open-hole interval from 7,300 feet to 9,200 feet.
- IV. This is not an expansion of an existing project.
- V. A map showing all wells/leases within a 2-mile radius of the Oxy Peso No. 1 is attached. Also attached is a more detailed map showing the ½-mile Area of Review ("AOR") for the Oxy Peso No. 1.
- VI. Area of review well data is attached. As shown in the table, there is only one well in the AOR of the Oxy Peso No. 1. The well data shows that the Wisetail State Com No. 1 is constructed so as to preclude migration of fluid from the proposed injection interval.
- VII.
 1. The average injection rate is anticipated to be approximately 10,000 BWPD. The maximum rate will be approximately 20,000 BWPD. If the average or maximum rates increase in the future, the Division will be notified.
 2. This will be a closed system.
 3. The injection pressure will initially be in conformance with the Division assigned gradient of 0.2 psi/ft. or 1,338 psi. If a higher injection pressure is necessary, Lime Rock will conduct a step rate injection test to determine the fracture pressure of the injection interval.
 4. Produced water from the Glorieta, San Andres, Grayburg, Queen and Yeso formations originating from wells in the area of the disposal well will be injected into the Oxy Peso No. 1. Attached are produced water analysis from the Glorieta-Yeso formation originating from Lime Rock's Enron State, Kersey, Staley State

A and Staley State wells, and a produced water analysis from the Queen-Grayburg-San Andres formation originating from Lime Rock's Jeffery 1 and 36 State wells.

5. Injection is to occur into the Abo, Wolfcamp and Cisco formations. Division records show that the following producing pools are located in the area of the Oxy Peso No. 1: i) the Empire-Abo Pool is located approximately two miles from the Oxy Peso No. 1; ii) the Travis-Wolfcamp and Chalk Bluff-Wolfcamp Pools are each located approximately two miles from the Oxy Peso No. 1; and, iii) the East Red Lake Upper-Penn Gas Pool is located approximately 1.5 miles from the Oxy Peso No. 1 (See attached pool maps). The Oxy Peso No. 1 was drilled to a total depth of 10,489 feet to test the Morrow formation and was reported to be a dry hole. The Abo, Wolfcamp and Cisco formations were also analyzed in this well and were deemed non-productive.

- VIII. The proposed injection interval lies between depths of 6,690 feet and 9,200 feet and includes the Permian age lower Abo and Wolfcamp formations and the Pennsylvanian age Cisco formation. These formations serve as common disposal zones for this area of the Delaware Basin. Within the AOR, the interval consists of interbedded crystalline dolomites, limestones, and shales with the dolomites making up approximately 50 percent of the interval and generally providing for the better injection capacity. Their porosities range from 6% to 15% and average approximately 10%. The limestones are less porous but do offer some additional injection capacity with porosities ranging from 4% to 6%. In this area, fresh water occurs down to a depth of approximately 150 feet. No known fresh water sources underlie the injection interval.
- IX. Proposed to acid stimulate the injection interval as needed.
- X. Logs were filed at the time of drilling.
- XI. According to the State Engineer, there is only one fresh water well located within one mile of the Oxy Peso No. 1. The well is located in the SE/4 SE/4 of Section 14, T-18S, R-27 East, and was drilled in 1948 to a depth of 2,096 feet. Lime Rock has attempted to locate this well, but has been unable to do so. The well is likely plugged or no longer in use.
- XII. Affirmative statement is attached.
- XIII. Proof on notice is attached. Oxy USA, Inc. is the only offset operator, and COG Operating, LLC is the surface owner of the land on which the well is located. The remaining parties that received notice are working interest owners within the ½-mile notice area. All are shown on the attached list.

INJECTION WELL DATA SHEET

Tubing Size: 4 1/2" Lining Material: Duoline Fiberglass Coated

Type of Packer: Arrowset 1X or similar type injection packer

Packer Setting Depth: 6,650' or within 100' of the uppermost injection perforations

Other Type of Tubing/Casing Seal (if applicable): None

Additional Data

1. Is this a new well drilled for injection: Yes X No

If no, for what purpose was the well originally drilled: Well was drilled in December, 2006 to test the Morrow formation. Well tested dry and was plugged and abandoned in February, 2007.

2. Name of the Injection Formation: Abo, Wolfcamp and Cisco Formations ✓

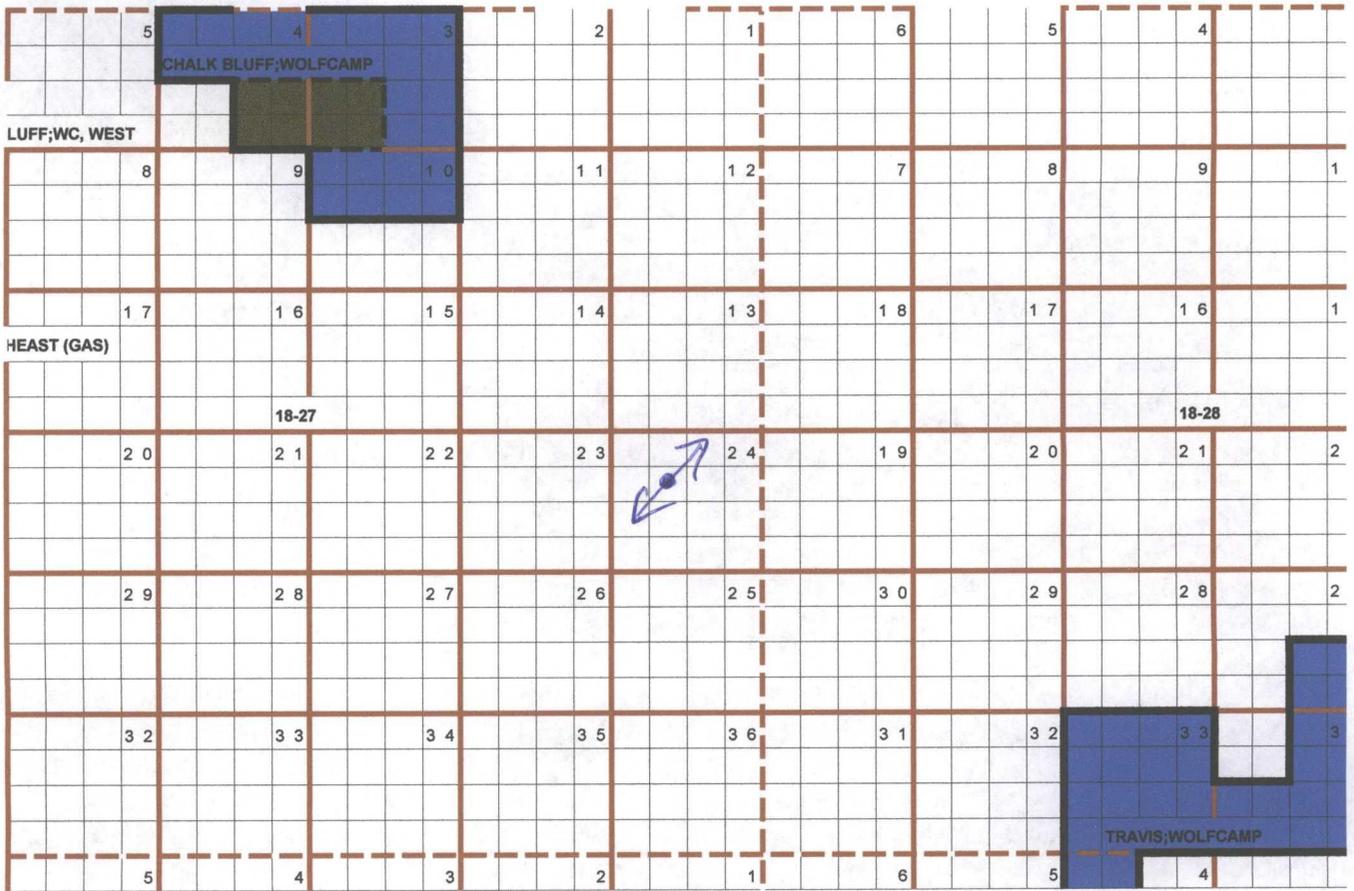
3. Name of Field or Pool (if applicable): There are no Abo, Wolfcamp or Cisco pools in Section 24.

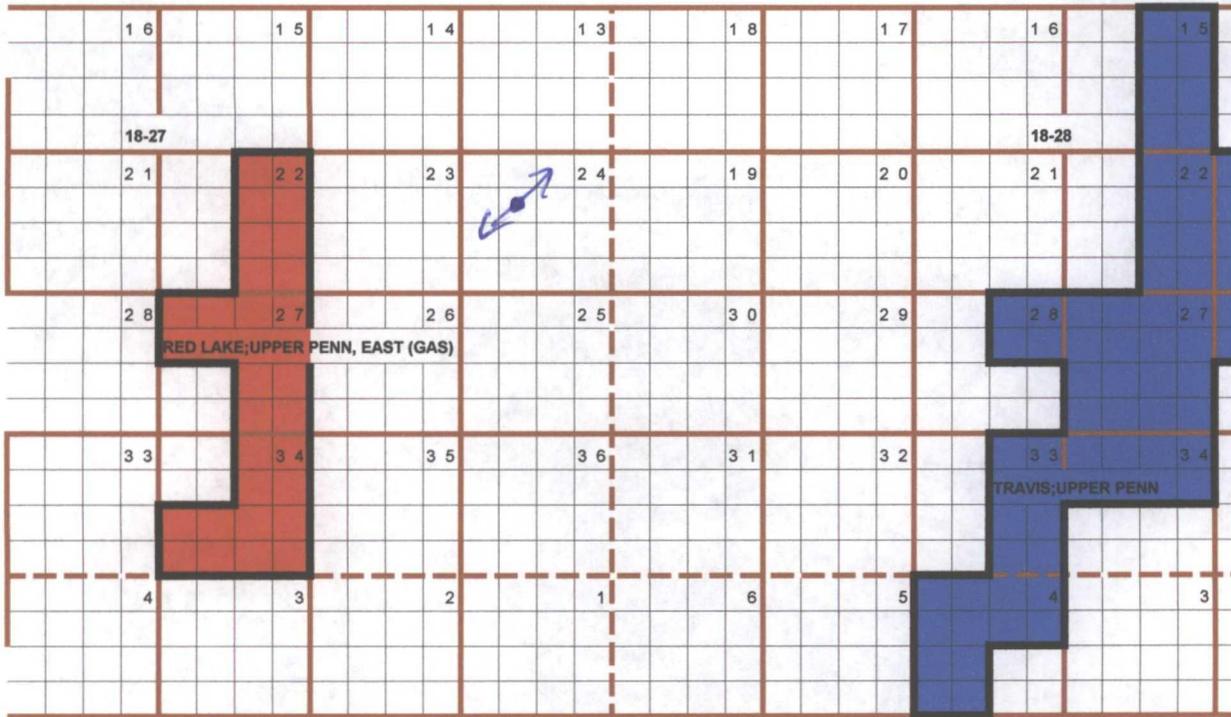
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used.

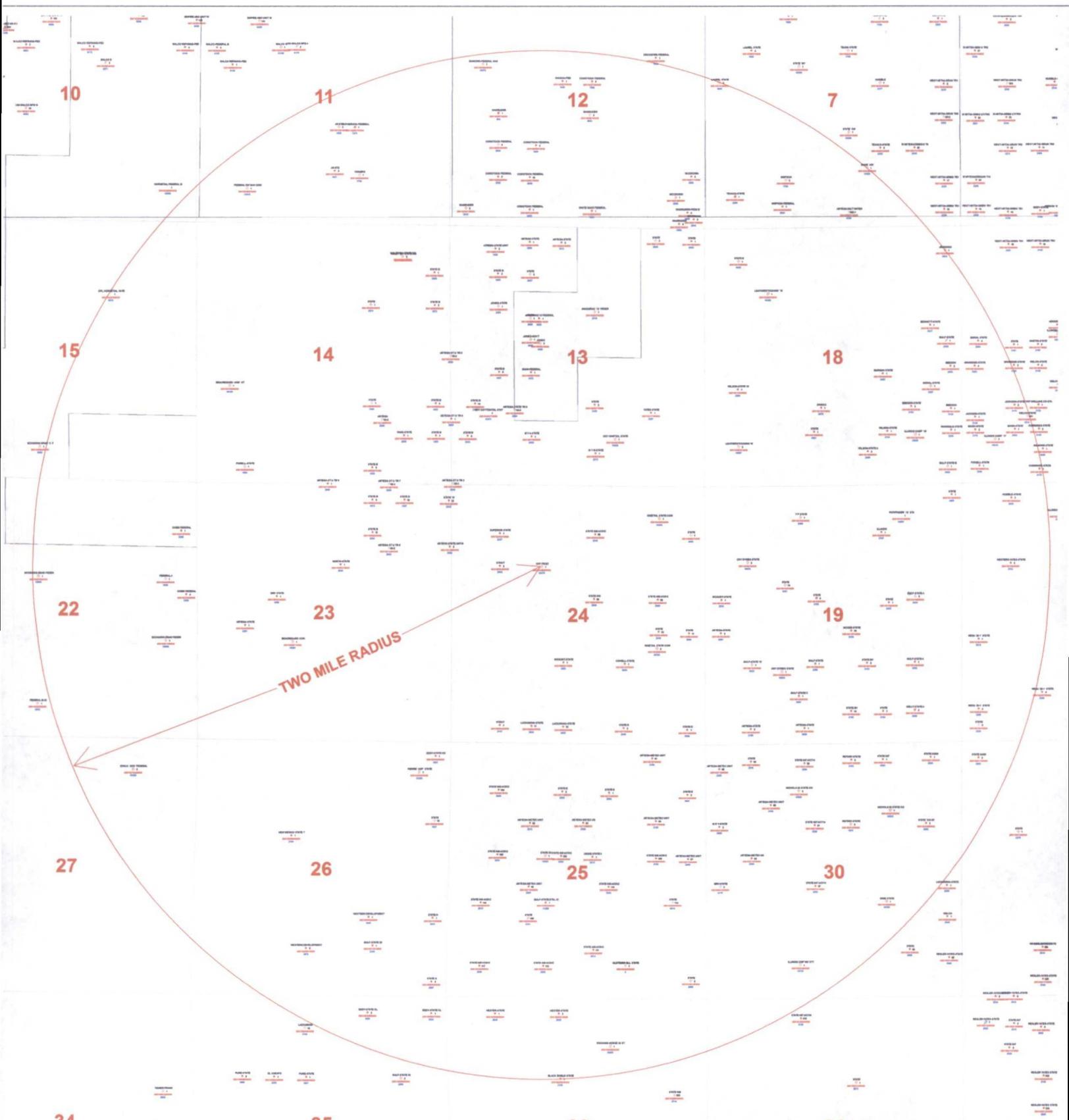
None.

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

The Artesia Queen-Grayburg-San Andres Pool is the only oil and gas producing pool within Section 24, T-18 South, R-27 East. The subject well is located approximately 2 miles from the Empire-Abo Pool, approximately 2 miles from the Chalk Bluff-Wolfcamp and Travis-Wolfcamp Pools and approximately 1.25 miles from the East Red Lake-Upper Penn Gas Pool.







TWO MILE RADIUS

1 inch = 1000 feet





LIME ROCK RESOURCES

RED LAKE / EAST ARTESIA AREA
 OXYFESOI
 INJECTION WELL PERMIT APPLICATION
 TWO MILE RADIUS SHOWN
 ALL WELLS POSTED

DATE:	BY:	REV:
02/01/11	J. GARDNER	17 FEBRUARY 2011

OXY USA WTP LP
GAS OXY COTTONTAIL STAT

1
10431
5/10/2005

30015343230000
OXY USA WTP LP
GAS OXY WHIPTAIL STATE

1
10450
3/24/2006

30015845890000
YATES DRILLING CO
GAS WISETAIL ST,

1
10500
6/20/2006

30015346830000
OXY USA WTP LP
D&A OXY PESO

1
10479
2/9/2007

0.5 mile radius

24

30015350540000
YATES DRILLING CO
GAS WISETAIL STA

2
10700
2/7/2007

1 inch = 1000 feet



**LIME ROCK
RESOURCES**

RED LAKE / EAST ARTESIA AREA
OXY PESO 1
INJECTION WELL PERMIT APPLICATION
ONE HALF MILE RADIUS SHOWN
ONLY WELLS POSTED WITH DEPTHS
CORRELATIVE TO REQUESTED DISPOSAL ZONE

Author:
<GRAM>

Scale:
<Scale>

Date:
17 February, 2012

**LIME ROCK RESOURCES II-A, LP
AREA OF REVIEW WELL DATA
OXY PESO #1**

Well Name	Well #	API	Operator	Sec	Lot	TWN	RSE	N/S Dir	E/W Dir	Well Type	Status	Spud Date	Surf Hole Size	Surf Csg Size	SK Cmt	CMT TOP	TOC/MTD	Intermediate Hole Size	Inter Csg Size	SX Cmt	CMT TOP	TOC/MTD	Prod. Hole Size	Prod. Csg Size	SX Cmt	CMT TOP	TOC/MTD	TD	Perf	Pool
Wisetail State Com #1	1	30-015-34589	Oxy USA Inc.	24	A	18S	27E	660 FNL	990 FEL	Gas	Active	4/1/06	17 1/2"	13 3/8" @ 394'	400	surface	circulated 110 Sx	12 1/4"	9 5/8" @ 2520'	925	surface	circulated 114 Sx	8 3/4"	5 1/2" @ 10,494'	1900	773'	calculated with 50% excess in open hole	10,500'	10200' - 10316'	Red Lake: Atoka - Morrow (83620)



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
 O=orphaned,
 C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Subbasin	County	Q	Q	Q	Sec	Tws	Rng	X	Y	Depth Well	Depth Water Column
------------	----------	----------	--------	---	---	---	-----	-----	-----	---	---	------------	--------------------

RA 04048	LE	1	4	4	14	18S	27E	570841	3623030*	2096			
												Average Depth to Water:	--
												Minimum Depth:	--
												Maximum Depth:	--

Record Count: 1

PLSS Search:

Section(s): 13, 14 Township: 18S Range: 27E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer
Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 23, 24, 25, 26 Township: 18S Range: 27E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

No records found.

PLSS Search:

Section(s): 18, 19

Township: 18S

Range: 28E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Pro-Kem, Inc.

WATER ANALYSIS REPORT

SAMPLE

Oil Co.: LimeRock Resources
 Lease: Jeffery 01
 Well No.: ST
 Location:
 Attention:

Date Sampled: 15-July-2010
 Date Analyzed: 28-July-2010
 Lab ID Number: Jul2810.001-8
 Salesperson:
 File Name: Jul2810.001

ANALYSIS

1. Ph 5.600
2. Specific Gravity 60/60 F. 1.133
3. CaCO3 Saturation Index @ 80F
@140F

-0.527 Negligible
 0.463 Mild

Dissolved Gasses

	MG/L.	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	0		
5. Carbon Dioxide	90		
6. Dissolved Oxygen	Not Determined		

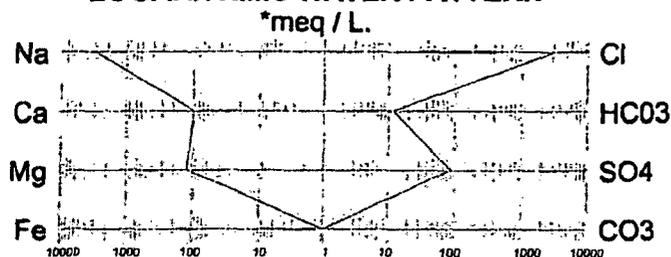
Cations

7. Calcium (Ca++)	1,884	/ 20.1 =	93.73
8. Magnesium (Mg++)	1,428	/ 12.2 =	117.05
9. Sodium (Na+) (Calculated)	67,431	/ 23.0 =	2,931.78
10. Barium (Ba++)	Not Determined		

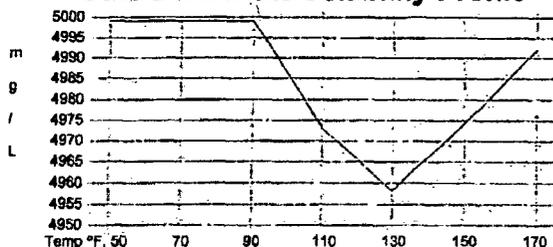
Anions

11. Hydroxyl (OH-)	0	/ 17.0 =	0.00
12. Carbonate (CO3=)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO3-)	703	/ 61.1 =	11.51
14. Sulfate (SO4=)	4,200	/ 48.8 =	86.07
15. Chloride (Cl-)	107,976	/ 35.5 =	3,041.58
16. Total Dissolved Solids	183,622		
17. Total Iron (Fe)	1.50	/ 18.2 =	0.08
18. Manganese (Mn++)	Not Determined		
19. Total Hardness as CaCO3	10,584		
20. Resistivity @ 75 F. (Calculated)		0.012 Ohm · meters	

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	11.51		81.04	932
CaSO4	82.23		68.07	5,597
CaCl2	0.00		55.50	0
Mg(HCO3)2	0.00		73.17	0
MgSO4	3.84		60.19	231
MgCl2	113.21		47.62	5,391
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	2,928.37		58.46	171,192

* milliequivalents per Liter

Tony Abernathy, Analyst

Pro-Kem, Inc.

WATER ANALYSIS REPORT

SAMPLE

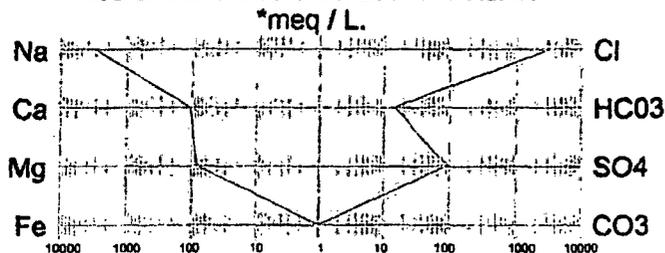
Co. : LimeRock Resources
 Lease : Jeffery 36
 Well No.: ST
 Location:
 Attention:

Date Sampled : 15-July-2010
 Date Analyzed: 28-July-2010
 Lab ID Number: Jul2810.001- 7
 Salesperson :
 File Name : Jul2810.001

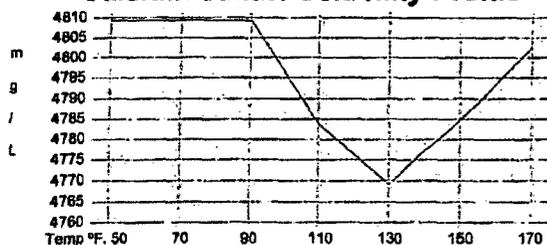
ANALYSIS

1.	Ph	5.600		
2.	Specific Gravity 60/60 F.	1.143		
3.	CACO3 Saturation Index		@ 80F @140F	-0.400 0.590
				Negligible Mild
	Dissolved Gasses		<u>MG/L.</u>	<u>EQ. WT.</u>
				<u>*MEQ/L</u>
4.	Hydrogen Sulfide	30		
5.	Carbon Dioxide	100		
6.	Dissolved Oxygen	Not Determined		
	Cations			
7.	Calcium (Ca++)	2,072		/ 20.1 = 103.08
8.	Magnesium (Mg++)	971		/ 12.2 = 79.59
9.	Sodium (Na+) (Calculated)	69,530		/ 23.0 = 3,023.04
10.	Barium (Ba++)	Not Determined		
	Anions			
11.	Hydroxyl (OH-)	0		/ 17.0 = 0.00
12.	Carbonate (CO3=)	0		/ 30.0 = 0.00
13.	Bicarbonate (HCO3-)	857		/ 61.1 = 14.03
14.	Sulfate (SO4=)	4,400		/ 48.8 = 90.16
15.	Chloride (Cl-)	109,975		/ 35.5 = 3,097.89
16.	Total Dissolved Solids	187,805		
17.	Total Iron (Fe)	1.00		/ 18.2 = 0.05
18.	Manganese (Mn++)	Not Determined		
19.	Total Hardness as CaCO3	9,173		
20.	Resistivity @ 75 F. (Calculated)			0.009 Ohm · meters

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT.	=	mg/L.
Ca(HCO3)2	14.03		81.04		1,137
CaSO4	89.06		68.07		6,062
CaCl2	0.00		55.50		0
Mg(HCO3)2	0.00		73.17		0
MgSO4	1.11		60.19		67
MgCl2	78.48		47.62		3,737
NaHCO3	0.00		84.00		0
NaSO4	0.00		71.03		0
NaCl	3,019.40		58.46		176,514

* milliequivalents per Liter

Tony Abernathy, Analyst

Pro-Kem, Inc.

WATER ANALYSIS REPORT

SAMPLE

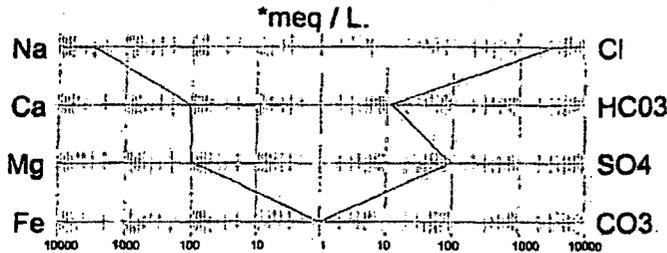
Client Co.: LimeRock Resources
 Lease: Kersey
 Well No.: ST
 Location:
 Attention:

Date Sampled: 15-July-2010
 Date Analyzed: 28-July-2010
 Lab ID Number: Jul2810.001-6
 Salesperson:
 File Name: Jul2810.001

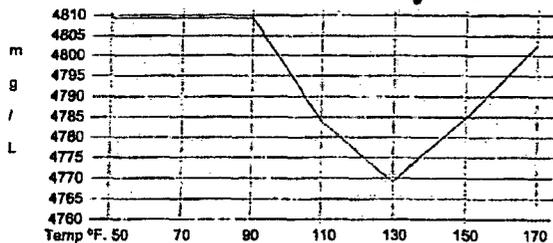
ANALYSIS

1.	Ph		5.600			
2.	Specific Gravity 60/60 F.		1.143			
3.	CACO3 Saturation Index			-0.496	Negligible	
		@ 80F		0.494	Mild	
		@140F				
Dissolved Gasses				<u>MG/L.</u>	<u>EQ. WT.</u>	<u>*MEQ/L</u>
4.	Hydrogen Sulfide			30		
5.	Carbon Dioxide			50		
6.	Dissolved Oxygen		Not Determined			
Cations						
7.	Calcium (Ca++)			2,072	/ 20.1 =	103.08
8.	Magnesium (Mg++)			1,143	/ 12.2 =	93.69
9.	Sodium (Na+) (Calculated)			69,836	/ 23.0 =	3,036.35
10.	Barium (Ba++)		Not Determined			
Anions						
11.	Hydroxyl (OH-)			0	/ 17.0 =	0.00
12.	Carbonate (CO3=)			0	/ 30.0 =	0.00
13.	Bicarbonate (HCO3-)			686	/ 61.1 =	11.23
14.	Sulfate (SO4=)			4,500	/ 48.8 =	92.21
15.	Chloride (Cl-)			110,975	/ 35.5 =	3,126.06
16.	Total Dissolved Solids			189,212		
17.	Total Iron (Fe)			14.50	/ 18.2 =	0.80
18.	Manganese (Mn++)		Not Determined			
19.	Total Hardness as CaCO3			9,879		
20.	Resistivity @ 75 F. (Calculated)				0.008 Ohm · meters	

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	11.23		81.04	910
CaSO4	91.86		68.07	6,253
CaCl2	0.00		55.50	0
Mg(HCO3)2	0.00		73.17	0
MgSO4	0.36		60.19	21
MgCl2	93.33		47.62	4,444
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	3,032.72		58.46	177,293

* milliequivalents per Liter

Tony Abernathy, Analyst

Pro-Kem WATER ANALYSIS REPORT

SAMPLE

Co. : Lime Rock Resources
 Lease : Staley ST
 Well No.:
 Location:
 Attention:

Date Sampled : 15-July-2010
 Date Analyzed: 28-July-2010
 Lab ID Number: Jul2810.003- 4
 Salesperson :
 File Name : Jul2810.003

ANALYSIS

- 1. Ph 5.500
- 2. Specific Gravity 60/60 F. 1.178
- 3. CaCO3 Saturation Index

@ 80F -2.905 Negligible
 @140F -1.145 Negligible

Dissolved Gasses

		MG/L.	EQ. WT.	*MEQ/L
4.	Hydrogen Sulfide	0		
5.	Carbon Dioxide	0		
6.	Dissolved Oxygen	Not Determined		

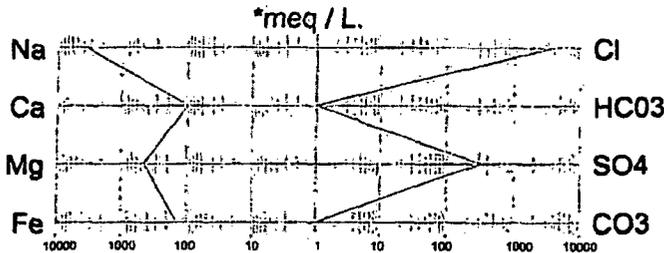
Cations

7.	Calcium	(Ca++)		1,884	/ 20.1 =	93.73
8.	Magnesium	(Mg++)		5,371	/ 12.2 =	440.25
9.	Sodium	(Na+)	(Calculated)	80,438	/ 23.0 =	3,497.30
10.	Barium	(Ba++)		Not Determined		

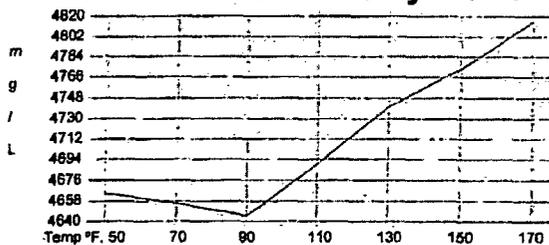
Anions

11.	Hydroxyl	(OH-)		0	/ 17.0 =	0.00
12.	Carbonate	(CO3=)		0	/ 30.0 =	0.00
13.	Bicarbonate	(HCO3-)		0	/ 61.1 =	0.00
14.	Sulfate	(SO4=)		15,000	/ 48.8 =	307.38
	Chloride	(Cl-)		131,970	/ 35.5 =	3,717.46
16.	Total Dissolved Solids			234,663		
17.	Total Iron	(Fe)		2,500.00	/ 18.2 =	137.36
18.	Manganese	(Mn++)		Not Determined		
19.	Total Hardness as CaCO3			26,814		
20.	Resistivity @ 75 F. (Calculated)			0.001 Ohm · meters		

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT.	= mg/L.
Ca(HCO3)2	0.00		81.04	0
CaSO4	93.73		68.07	6,380
CaCl2	0.00		55.50	0
Mg(HCO3)2	0.00		73.17	0
MgSO4	213.65		60.19	12,859
MgCl2	226.60		47.62	10,791
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	3,490.86		58.46	204,076

* milliequivalents per Liter

 Tony Abernathy, Analyst

Pro-Kem WATER ANALYSIS REPORT

SAMPLE

Co. : Lime Rock Resources
 Lease : Staley ST A
 Well No.:
 Location:
 Attention:

Date Sampled : 15-July-2010
 Date Analyzed: 28-July-2010
 Lab ID Number: Jul2810.003- 5
 Salesperson :
 File Name : Jul2810.003

ANALYSIS

- 1. Ph 5.600
- 2. Specific Gravity 60/60 F. 1.118
- 3. CACO3 Saturation Index @ 80F
@140F

-0.204 Negligible
 0.716 Moderate

Dissolved Gasses

	MG/L.	EQ. WT.	*MEQ/L
4. Hydrogen Sulfide	80		
5. Carbon Dioxide	160		
6. Dissolved Oxygen	Not Determined		

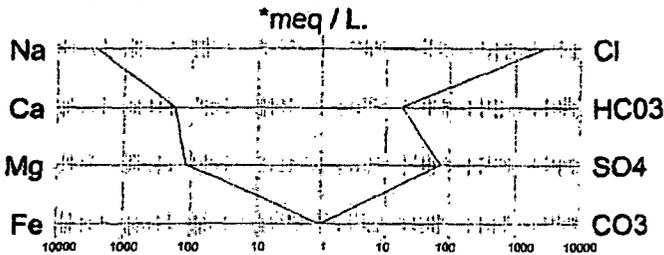
Cations

7. Calcium (Ca++)	3,391	/ 20.1 =	168.71
8. Magnesium (Mg++)	1,371	/ 12.2 =	112.38
9. Sodium (Na+) (Calculated)	58,430	/ 23.0 =	2,540.44
10. Barium (Ba++)	Not Determined		

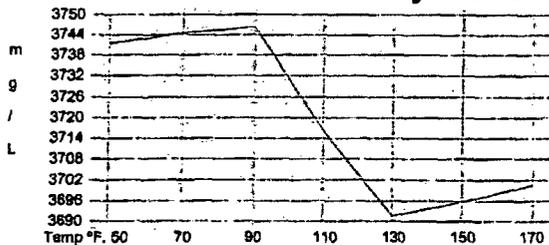
Anions

11. Hydroxyl (OH-)	0	/ 17.0 =	0.00
12. Carbonate (CO3=)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO3-)	1,060	/ 61.1 =	17.35
14. Sulfate (SO4=)	3,400	/ 48.8 =	69.67
15. Chloride (Cl-)	96,978	/ 35.5 =	2,731.77
16. Total Dissolved Solids	164,630		
17. Total Iron (Fe)	18.00	/ 18.2 =	0.99
18. Manganese (Mn++)	Not Determined		
19. Total Hardness as CaCO3	14,113		
20. Resistivity @ 75 F. (Calculated)	0.027 Ohm · meters		

LOGARITHMIC WATER PATTERN



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION

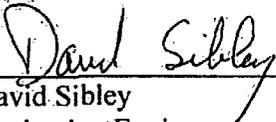
COMPOUND	*meq/L	X EQ. WT. =	mg/L.
Ca(HCO3)2	17.35	81.04	1,406
CaSO4	69.67	68.07	4,743
CaCl2	81.69	55.50	4,534
Mg(HCO3)2	0.00	73.17	0
MgSO4	0.00	60.19	0
MgCl2	112.38	47.62	5,351
NaHCO3	0.00	84.00	0
NaSO4	0.00	71.03	0
NaCl	2,537.71	58.46	148,355

* milliequivalents per Liter

Tony Abernathy, Analyst

Form C-108
Affirmative Statement
Lime Rock Resources II-A, L.P.
Oxy Peso No. 1
Section 24, T-18 South, R-27 East, NMPM,
Eddy County, New Mexico

Available geologic and engineering data has been examined and no evidence of open faults or hydrological connection between the injection zone and any underground sources of drinking water has been found.



David Sibley
Production Engineer
Lime Rock Resources II-A, L.P.

5-7-12

Date

Form C-108
Lime Rock Resources II-A, L.P.
Oxy Peso Well No. 1 (API No. 30-015-34683)
1650' FNL & 1850' FWL (Unit F)
Section 24, T-18 South, R-27 East, NMPM,
Eddy County, New Mexico

Legal notice will be published in the:

Artesia Daily Press
P.O. Box 190
Artesia, New Mexico 88221-0190

A copy of the legal advertisement will be forwarded to the Division upon publication.

Lime Rock Resources II-A, L.P., 1111 Bagby Street, Suite 4600, Houston, Texas 77002 has filed a Form C-108 (Application for Authorization to Inject) with the Oil Conservation Division seeking administrative approval to convert the Oxy Peso Well No. 1 (API No. 30-015-34683) located 1650' FNL & 1850' FWL (Unit F) of Section 24, Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico to a produced water disposal well. The well will be utilized to dispose produced water from various producing formations in the area of the disposal well. Injection will occur into the Abo, Wolfcamp and Cisco formations through the perforated and open-hole interval from 6,690 feet to 9,200 feet. The average and maximum injection rates will be 10,000 and 20,000 barrels of water per day, respectively, and the average and maximum surface injection pressure is anticipated to be 1,000 psi and 1,338 psi, respectively.

Interested parties must file objections with the New Mexico Oil Conservation Division, 1220 S. St Francis Drive, Santa Fe, New Mexico 87505, within 15 days of the date of this publication.

Additional information can be obtained by contacting David Sibley, Production Engineer, Lime Rock Resources II-A, L.P. at (713) 345-2134.

May 9, 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: OFFSET OPERATORS/LEASEHOLD OWNERS/WORKING INTEREST OWNERS &
SURFACE OWNER

Re: Lime Rock Resources II-A, L.P.
Form C-108 (Application for Authorization to Inject)
Oxy Peso Well No. 1
API No. 30-015-34683
1650' FNL & 1850' FWL, Unit F, Section 24, T-18S, R-27E, NMPM,
Eddy County, New Mexico

Ladies & Gentlemen:

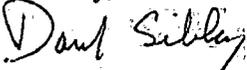
Enclosed please find a copy of Oil Conservation Division Form C-108 (Application for Authorization to Inject) for the Lime Rock Resources II-A, L.P. ("Lime Rock") Oxy Peso Well No. 1. You are being provided a copy of the application as an offset operator, offset leaseholder, offset working interest owner or surface owner. Lime Rock proposes to re-enter this non-productive plugged and abandoned well and convert it to a produced water disposal well, injection to occur into the Abo, Wolfcamp and Cisco formations through the perforated and open-hole interval from 6,690 feet to 9,200 feet.

This application is being filed administratively, and is also being docketed for the Examiner Hearing scheduled for June 7, 2012. If the application qualifies, Lime Rock is seeking administrative approval of this application. Objections must be filed with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 15 days.

If a hearing for this application is required, this application will be set for hearing before a Division Examiner on June 7, 2012 at 8:15 a.m. at the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico. You are not required to attend this hearing, but as an owner of an interest that may be affected, you may appear and present testimony. Failure to appear at the time and become a party of record will preclude you from challenging these applications at a later time. If you intend to attend the hearing and present testimony or evidence, you must enter your appearance and serve the Division, counsel for the Applicant, and other parties with a pre-hearing statement at least four business days before the scheduled hearing date in accordance with 19.15.4.13(B) NMAC.

If you should have any questions, please contact me at (713) 345-2134.

Sincerely,



David Sibley, Production Engineer
Lime Rock Resources II-A, L.P.
1111 Bagby Street, Suite 4600
Houston, Texas 77002

Enclosure

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership
(Working Interest Owners Unless Otherwise Noted)**

**Section 13; S/2 SW/4, SW/4 SE/4
T-18-S, R-27-E, N.M.P.M.
Eddy County, NM**

Anadarko Petroleum Corporation
1201 Lake Robbins Drive
The Woodlands, TX 77380

ZPZ Delaware I, LLC
2000 Post Oak Blvd., Suite 100
Houston, TX 77056

Alamo Permian Resources, LLC
415 W. Wall Street #500
Midland, TX 79701

Oxy USA, WTP, LP
5 Greenway Plaza
Houston, TX 77046

Apache Corporation
2000 Post Oak Blvd., Suite 100
Houston, TX 77056-4400

Yates Drilling Co
105 S Fourth St.
Artesia, NM 88210

BP America Production Co.
501 Westlake Park Blvd.
Houston, TX 77079

**Section 14; SE/4 SE/4
T-18-S, R-27-E, N.M.P.M
Eddy County, NM**

Atlantic Richfield Company
1601 Bryan St.
Dallas, TX 75201

Hondo Oil & Gas Co.
P.O. Box 2208
Roswell, NM 88202

DeKalb Energy Co.
1625 Broadway, Suite 1300
Denver, CO 80202

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 2)**

ABO Petroleum Corp.
105 South 4th St.
Artesia, NM 88210

Marathon Oil Co.
P.O. Box 552
Midland, TX 79702

Lobos Energy Partners, LLC
3817 NW Expressway, Suite 950
Oklahoma City, OK 73112

Anadarko Production Corp.
P.O. Box 1330
Houston, TX 77251-1330

Chevron USA
1301 McKinney
Houston, TX 77010

Mark Chapman
4102 University Blvd.
Houston, TX 77005

Devon Energy Corp.
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102

Amoco Production
P.O. Box 3092
Houston, TX 77079

Nearburg Exploration Co.
3300 North A St. Suite 8100
Midland, TX 79705

Mewbourne Oil
P.O. Box 7698
Tyler, TX 75711

Exxon Company USA
P.O. Box 2024
Houston, TX 77252-2024

Casper Oil Inc.
777 S. Wadsworth Blvd.
Lakewood, CO 80226

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 3)**

Summit Overseas Exploration
Irongate 3, Suite 201
Lakewood, Co 80226

Yates Petroleum Corp.
105 S. 4th St.
Artesia, NM 88210

Highlands Gas Corp.
5613 DTC Pkwy, Suite 850
Englewood, CO 80111

Michael G. Mooney
3310 Dentcrest
Midland, TX 79705

B & H Properties
2410 Auburn Place
Midland, TX 79705

Logan Royalties L TD
P.O. Box 804
Midland, TX 79702

Randall Capps d/b/a Logan Royalties, LTD.
P.O. Box 6025
Midland, TX 79704

Karen Capps
P.O. Box 51943
Midland, TX 79710-1943

Domain Energy Finance Corp.
P.O. Box 2229
Houston, TX 77252-2229

Mark L. Shidler
1010 Lamar St, Suite 500
Houston, TX 77002

Royalties Investor Group
4003 Compton Dr.
Midland, TX 79707

BP America Production Co.
501 Westlake Park Blvd.
Houston, TX 77079

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 4)**

OXY USA WTP Limited Partnership
#6 Desta Dr. Suite 6000
Midland, TX 79710

ZPZ Delaware, LLC.
2000 Post Oak Blvd. Suite 100
Houston, TX 77056

CBS Partners LTD.
P.O. Box 2236
Midland, TX 79702

Alamo Permian Resources LLC
820 Gessner Rd. Suite 1650
Houston, TX 77024

Range Energy Finance Corp.
P.O. Box 2229
Houston, TX 77252-2229

Western Development Co.
3255 Grace St. NM
Washington, DC 20007

Phillips Petroleum Co.
P.O. Box 7500
Bartlesville, OK 74005-7500

Domain Energy Corp.
16801 Greenspoint Park, Suite 200
Houston, TX 77060

Khody Land & Minerals Co.
3817 NW Expressway, Suite 950
Oklahoma, OK 73112

BP America Production Co.
P.O. Box 3092
Houston, TX 77253-3092

Mobile Producing Texas & New Mexico Inc.
P.O. Box 2305
Houston, TX 77210-2305

Apache Corporation
2000 Post Oak Blvd., Suite 100
Houston, TX 77056-4400

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 5)**

Exxon Mobil Corporation
5959 Las Colinas Blvd.
Irving, TX 75039-4202

**Section 23; E/2 NE/4, NE/4 SE/4
T-18-S, R-27-E, N.M.P.M.
Eddy County, NM**

Mobil Producing Texas & New Mexico Inc.
P.O. Box 2443
Houston, TX 77210

CBS Partners, Ltd.
P.O. Box 2236
Midland, TX 79702

Khody Land & Minerals Company
3817 NW Expressway, Suite 950
Oklahoma City, OK 73112

Marathon Oil Company
P.O. Box 552
Midland, TX 79702

Yates Petroleum
105 S Fourth St.
Artesia, NM 88210

BP America Production Company
P.O. Box 3092
Houston, TX 77235

Alamo Permian Resources, LLC
415 W. Wall St., Suite 500
Midland, TX 79701

Apache Corporation
2000 Post Oak Blvd., Suite 100
Houston, TX 77056-4400

Exxon Mobil Corporation
5959 Las Colinas Blvd.
Irving, TX 75039-4202

Anadarko Petroleum Corporation
1201 Lake Robbins Drive
The Woodlands, TX 77380

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 6)**

COG Operating, LLC
550 W Texas Ave., Suite 100
Midland, TX 79701

Concho Oil & Gas, LLC
550 W Texas Ave., Suite 100
Midland, TX 79701

**Section 24; ALL sae SE/4 SE/4
T-18-S, R-27-E, N.M.P.M.
Eddy County, NM**

Mobil Producing Texas & New Mexico Inc.
P.O. Box 2443
Houston, TX 77210

CBS Partners, Ltd.
P.O. Box 2236
Midland, TX 79702

Khody Land & Minerals Company
3817 NW Expressway, Suite 950
Oklahoma City, OK 73112

Marathon Oil Company
P.O. Box 552
Midland, TX 79702

Yates Petroleum
105 S Fourth St.
Artesia, NM 88210

BP America Production Company
P.O. Box 3092
Houston, TX 77235

Alamo Permian Resources, LLC
415 W. Wall St., Suite 500
Midland, TX 79701

Apache Corporation
2000 Post Oak Blvd., Suite 100
Houston, TX 77056-4400

Exxon Mobil Corporation
5959 Las Colinas Blvd.
Irving, TX 75039-4202

**Lime Rock Resources II-A, L.P.
Form C-108; Oxy Peso No. 1
½ Mile Notice Area Ownership (Page 7)**

Anadarko Petroleum Corporation
1201 Lake Robbins Drive
The Woodlands, TX 77380

COG Operating, LLC **(Surface Owner)**
550 W Texas Ave., Suite 100
Midland, TX 79701

Concho Oil & Gas, LLC
550 W Texas Ave., Suite 100
Midland, TX 79701

Canyon E&P Company
251 O'Connor Ridge Blvd., Suite 265
Irving, TX 75038

Bogle Ltd Company
P.O. Box 460
Dexter, NM 77231

Yates Drilling Co
105 S Fourth St.
Artesia, NM 88210

Vilas P Sheldon Marital Deduction Trust
C/O Broadway National Bank, Trustee
P.O. Box 17001 – Trust
San Antonio, TX 78217

ZPZ Delaware, LLC.
2000 Post Oak Blvd. Suite 100
Houston, TX 77056

OXY USA, WTP, LP **(Offset Operator)**
#6 Desta Dr. Suite 6000
Midland, TX 79710

7010 1670 0000 8682 8419

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Canyon E&P Company**
 Street, Apt. No. or PO Box No. **251-02 Connor Ridge Blvd., Suite 265**
 City, State, ZIP+4 **Irving, TX 75038**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8402

U.S. Postal Service
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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **COG Operating, LLC**
 Street, Apt. No. or PO Box No. **550 W Texas Ave., Suite 100**
 City, State, ZIP+4 **Midland, TX 79701**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8389

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mobil Producing TX & NM**
 Street, Apt. No. or PO Box No. **P.O. Box 2443**
 City, State, ZIP+4 **Houston, Texas 77210**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8396

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Exxon Mobil Corporation**
 Street, Apt. No. or PO Box No. **5959 Las Colinas Blvd.**
 City, State, ZIP+4 **Irving, Texas 75039-4202**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8372

U.S. Postal Service
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mobil Producing TX & NM**
 Street, Apt. No. or PO Box No. **P.O. Box 2305**
 City, State, ZIP+4 **Houston, Texas 77210-2305**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8341

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Khody Land & Minerals Co.**
 Street, Apt. No. or PO Box No. **3817 NW Expressway, Suite 950**
 City, State, ZIP+4 **Oklahoma, OK 73112**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8310

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Phillips Petroleum Co.**
 Street, Apt. No. or PO Box No. **P.O. Box 7500**
 City, State, ZIP+4[®] **Bartlesville, OK 74005-7500**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8327

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Domain Energy Corp.**
 Street, Apt. No. or PO Box No. **6801 Greenspoint Park, Suite 200**
 City, State, ZIP+4[®] **Houston, TX 77060**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8297

U.S. Postal Service
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Range Energy Finance Corp.**
 Street, Apt. No. or PO Box No. **P.O. Box 2229**
 City, State, ZIP+4[®] **Houston, TX 77252-2229**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8308

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For delivery information visit our website at www.usps.com

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Western Development Co.**
 Street, Apt. No. or PO Box No. **3255 Grace St. NM**
 City, State, ZIP+4[®] **Washington, DC 20007**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8280

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Alamo Permian Resources LLC**
 Street, Apt. No. or PO Box No. **820 Gessner Rd. Suite 1650**
 City, State, ZIP+4[®] **Houston, TX 77024**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8273

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **CBS Partners LTD.**
 Street, Apt. No. or PO Box No. **P.O. Box 2236**
 City, State, ZIP+4[®] **Midland, TX 79702**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8242

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mark L. Shidler**
 Street, Apt. No., or PO Box No. **1010 Lamar St, Suite 500**
 City, State, ZIP+4 **Houston, TX 77002**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8235

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Domain Energy Finance Corp.**
 Street, Apt. No., or PO Box No. **P.O. Box 2229**
 City, State, ZIP+4 **Houston, TX 77252-2229**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8228

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Karen Capps**
 Street, Apt. No., or PO Box No. **P.O. Box 51943**
 City, State, ZIP+4 **Midland, TX 79710-1943**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8211

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Randall Capps d/b/a Logan Royalties,**
 Street, Apt. No., or PO Box No. **P.O. Box 6025**
 City, State, ZIP+4 **Midland, TX 79704**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8266

U.S. Postal Service
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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Oxy USA WTP Ltd. Part.**
 Street, Apt. No., or PO Box No. **# 6 Desta Drive, Suite 6000**
 City, State, ZIP+4 **Midland, Texas 79710**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8259

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Royalties Investor Group**
 Street, Apt. No., or PO Box No. **4003 Compton Dr.**
 City, State, ZIP+4 **Midland, TX 79707**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8204

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Logan Royalties LTD**
 Street, Apt. No., or PO Box No. **P.O. Box 804**
 City, State, ZIP+4 **Midland, TX-79702**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8167

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Summit Overseas Exploration**
 Street, Apt. No., or PO Box No. **Frontgate 3, Suite 201**
 City, State, ZIP+4 **Lakewood, CO 80226**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8174

U.S. Postal Service
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For delivery information visit our website at www.usps.com

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Highlands Gas Corp.**
 Street, Apt. No., or PO Box No. **5613 DTC Pkwy, Suite 850**
 City, State, ZIP+4 **Englewood, CO 80111**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8198

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **B & H Properties**
 Street, Apt. No., or PO Box No. **2410 Auburn Place**
 City, State, ZIP+4 **Midland, TX-79705**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8150

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Casper Oil Inc.**
 Street, Apt. No., or PO Box No. **777 S. Wadsworth Blvd.**
 City, State, ZIP+4 **Lakewood, CO 80226**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8181

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Michael G. Mooney**
 Street, Apt. No., or PO Box No. **3310 Denterrest**
 City, State, ZIP+4 **Midland, TX-79705**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8136

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mewbourne Oil Company**
 Street, Apt. No., or PO Box No. **P.O. Box 7698**
 City, State, ZIP+4 **Tyler, TX 75711**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8129

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Nearburg Exploration Co.**
 Street, Apt. No., or PO Box No. **3300 North A St. Suite 8100**
 City, State, ZIP+4 **Midland, TX 79705**

PS Form 3800, August 2006 See Reverse for Instructions

7010 0110 0001 2606 3843

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Devon Energy Corp.**
 Street, Apt. No., or PO Box No. **20 N. Broadway, Suite 1500**
 City, State, ZIP+4 **OKlahoma City, OK 73102**

PS Form 3800, August 2006 See Reverse for Instructions

7010 0110 0001 2606 3850

U.S. Postal Service
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Amoco Production Co.**
 Street, Apt. No., or PO Box No. **P.O. Box 3092**
 City, State, ZIP+4 **Houston, Texas 77079**

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8143

U.S. Postal Service
CERTIFIED MAIL RECEIPT
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.00	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Exxon Company USA**
 Street, Apt. No., or PO Box No. **P.O. Box 2024**
 City, State, ZIP+4 **Houston, Texas 77252-2024**

PS Form 3800, August 2006 See Reverse for Instructions

7010 0110 0001 2606 3836

U.S. Postal Service
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Mark Chapman**
 Street, Apt. No., or PO Box No. **4102 University Blvd.**
 City, State, ZIP+4 **Houston, TX 77005**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3812

U.S. Postal Service
CERTIFIED MAIL, RECEIPT
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Anadarko Production Corp.**
 Street, Apt. No. or PO Box No.: **P.O. Box 1330**
 City, State, ZIP+4: **Houston, Texas 77251-1330**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3829

U.S. Postal Service
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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Chevron USA**
 Street, Apt. No. or PO Box No.: **1301 McKinney**
 City, State, ZIP+4: **Houston, TX 77010**

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7011 0110 0001 2606 3805

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Lobos Energy Partners, LLC**
 Street, Apt. No. or PO Box No.: **3817 NW Expressway, Suite 950**
 City, State, ZIP+4: **Oklahoma City, OK 73112**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3799

U.S. Postal Service
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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Marathon Oil Co.**
 Street, Apt. No. or PO Box No.: **P.O. Box 552**
 City, State, ZIP+4: **Midland, TX 79702**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3775

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Hondo Oil & Gas Co.**
 Street, Apt. No. or PO Box No.: **P.O. Box 2208**
 City, State, ZIP+4: **Roswell, NM 88202**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3766

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To: **Atlantic Richfield Company**
 Street, Apt. No. or PO Box No.: **1601 Bryan St.**
 City, State, ZIP+4: **Dallas, TX 75201**

PS Form 3800, August 2006 See Reverse for Instructions

Jones, William V., EMNRD

From: David Catanach [drcatanach@netscape.com]
Sent: Thursday, May 17, 2012 5:34 PM
To: Jones, William V., EMNRD
Cc: David Sibley
Subject: Lime Rock Publication Notice
Attachments: Publication Notice.pdf

Will,

Attached is the publication notice for Lime Rock's Oxy Peso Well No. 1 SWD application. The notice ran on May 11th.

If you need anything further, please let me know.

David

Netscape. Just the Net You Need.

7011 0110 0001 2606 3713

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Apache Corporation**
ZPZ Delaware I, LLC
 Street, Apt. No. or PO Box No. **2000 Post Oak Blvd., Suite 100**
 City, State, ZIP+4 **Houston, TX 77056**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3751

U.S. Postal Service
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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **BP America Production Co.**
P.O. Box 3092
 Street, Apt. No. or PO Box No. **Houston, TX 77079-3092**
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3744

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Yates Petroleum/Abco Petroleum Corp./Yates Drilling Co.**
 Street, Apt. No. or PO Box No. **105 S Fourth St.**
 City, State, ZIP+4 **Artesia, NM 88210**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3706

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Anadarko Petroleum Corporation**
1201 Lake Robbins Drive
 Street, Apt. No. or PO Box No. **The Woodlands, TX 77380**
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3737

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Oxy USA, WTP, LP**
Oxy USA, Inc.
 Street, Apt. No. or PO Box No. **P.O. Box 4294**
 City, State, ZIP+4 **Houston, TX 77210**

PS Form 3800, August 2006 See Reverse for Instructions

7011 0110 0001 2606 3720

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Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Alamo Permian Resources, LLC**
415 W. Wall Street #500
 Street, Apt. No. or PO Box No. **Midland, TX 79701**
 City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

7010 1670 0000 8682 8334

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OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Bogle Ltd Company**
P.O. Box 460
 Street, Apt. No. or PO Box No. **Dexter, NM 77231**
 City, State, ZIP+4

7011 0110 0001 2606 3782

U.S. Postal Service
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For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **DeKalb Energy Co.**
1625 Broadway, Suite 1300
 Street, Apt. No. or PO Box No. **Denver, CO 80202**
 City, State, ZIP+4

7011 2970 0003 9311 4369

U.S. Postal Service
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(Domestic Mail Only, No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 2.10	Postmark Here
Certified Fee	2.95	
Return Receipt Fee (Endorsement Required)	2.35	
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$ 7.40	

Sent To **Vilas P Sheldon Marital Deduction Trust**
C/O Broadway National Bank, Trustee
 Street, Apt. No. or PO Box No. **P.O. Box 17001 - Trust**
 City, State, ZIP+4 **San Antonio, TX 78217**

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Tuesday, May 29, 2012 6:04 PM
To: 'drccatanach@netscape.com'; 'dsibley@limerockresources.com'
Cc: Shapard, Craig, EMNRD; Kautz, Paul, EMNRD
Subject: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

David and David,

You asked me to review this asap, so all looks well but do have some comments and couple of questions that probably should have answers in the permit file,

- a. Is there not a successor to Dekalb Energy? They were disbanded years ago... are we certain the latest operator of that property has been noticed?
- b. Would you guys send the formation tops of the Abo, WC, Cisco, and Canyon (or Strawn)? You may need to get this from OCD geologists.
- c. The Cisco location seems to be located between a Cisco gas pool and a Cisco oil pool. This Morrow dry hole was TDed, logged, and immediately plugged by OXY, so please send more analysis of the Cisco in this well – does it have any potential (vertical or horizontal) or not... Is there any rough log analysis over this formation (Sw numbers) or a copy of a mudlog? Does a geologist have a comment on the production potential?
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- e. Why is this one on the Docket for next week? Was there a protest or what was the biggest concern?

William V Jones, P.E.
Engineering, Oil Conservation Division
1220 South St. Francis Drive, Santa Fe, NM 87505
Tel 505.476.3448 ~ Fax 505.476.3462



Jones, William V., EMNRD

From: Shapard, Craig, EMNRD
Sent: Wednesday, May 30, 2012 7:14 AM
To: Jones, William V., EMNRD
Subject: RE: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

Good am!

The Oxy Peso #1 formation tops for the Abo – 5980', WC – 7192', Cisco – 8086'.

T.C. Shapard
EMNRD-Oil Conservation Division
Geologist District II
811 S. First St.
Artesia, New Mexico 88210
Office: (575) 748-1283-Ext. 103
email: craig.shapard@state.nm.us

From: Jones, William V., EMNRD
Sent: Tuesday, May 29, 2012 6:04 PM
To: drcatanach@netscape.com; dsibley@limerockresources.com
Cc: Shapard, Craig, EMNRD; Kautz, Paul, EMNRD
Subject: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

David and David,

You asked me to review this asap, so all looks well but do have some comments and couple of questions that probably should have answers in the permit file,

- a. Is there not a successor to Dekalb Energy? They were disbanded years ago... are we certain the latest operator of that property has been noticed?
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Jones, William V., EMNRD

From: David Sibley [dsibley@limerockresources.com]
Sent: Wednesday, May 30, 2012 5:13 PM
To: Jones, William V., EMNRD; drcatanach@netscape.com
Cc: Shapard, Craig, EMNRD; Kautz, Paul, EMNRD; Steven Hunter
Subject: RE: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

Mr. Jones,

- a. You are correct, DeKalb was succeeded by Apache Corporation in 1995. Apache was noticed.
- b. Abo – 5,980', WC - 7,192', Cisco – 8,086' and Strawn – 9,335'
- c. Will be included on a following e-mail.
- d. Attempting to find a source to answer this question.
- e. We are on the docket to expedite a hearing should the administrative approval be declined or additional information required.

Thanks you for considering our application.

David Sibley

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Tuesday, May 29, 2012 7:04 PM
To: drcatanach@netscape.com; David Sibley
Cc: Shapard, Craig, EMNRD; Kautz, Paul, EMNRD
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William V Jones, P.E.
Engineering, Oil Conservation Division

Jones, William V., EMNRD

From: David Sibley [dsibley@limerockresources.com]
Sent: Wednesday, May 30, 2012 5:21 PM
To: Jones, William V., EMNRD
Cc: Shapard, Craig, EMNRD; Kautz, Paul, EMNRD; drcatanach@netscape.com; Steven Hunter
Subject: Addressing Cisco Production Question by near Peso well
Attachments: PESO AREA PROD (3) Cisco Only.xlsx; Attached Image

Mr. Jones,
Please consider the following and attached to answer question "C" concerning our Oxy Peso Disposal Application (30-015-34683).
Best regards,
David Sibley

From: Stan Bishop
Sent: Wednesday, May 30, 2012 3:30 PM
To: David Sibley
Cc: Sid Ashworth; Steven Hunter; Spencer Cox; Tim Miller; Jonathan Hickman; Chuck Reagan; Kerry Miller
Subject: Addressing Cisco Production Question by near Peso well

Hi David,

The attached spreadsheet is an extraction from a complete Drilling Info download of all historical production within the attached query area. The map below highlights the desired SWD Peso well (purple) and the closest Cisco production wells (orange) on the list. The only Cisco well that shows up on our listing within a two mile window of the Peso Well is in section 19-18S-28E (the orange circle due east). Mr. Jones indicated our desired SWD Peso location had a Cisco Gas and a Cisco Oil pool nearby so we need to request clarification since I am only seeing one nearby Cisco. As for the one in section 19 I reviewed the entire scout ticket for the well and the indicated perforations below 10000' are actually Morrow Perforations and they are the only recorded perforations for the well. For comparison Top of Strawn in the Peso well is 9335', which is a top above the Morrow.

As far as a Petrophysical analysis or available mudlog for the Peso Well, since Lime Rock was not the operator nor had a working interest in the well we at this time do not have petrophysical calculations or a mudlog. However, an analysis can be done. Within our requested injection interval a single 30 sack cement plug was placed by the operator @ 7319' at the time of plugging.

As far as my knowledge goes about the Cisco in this locally regional area, the Cisco is predominantly used as a disposal zone. The very minimal production that has been found has been mostly non- commercial.

Thanks

PROD FOR WELLS AROUND PESO WELL

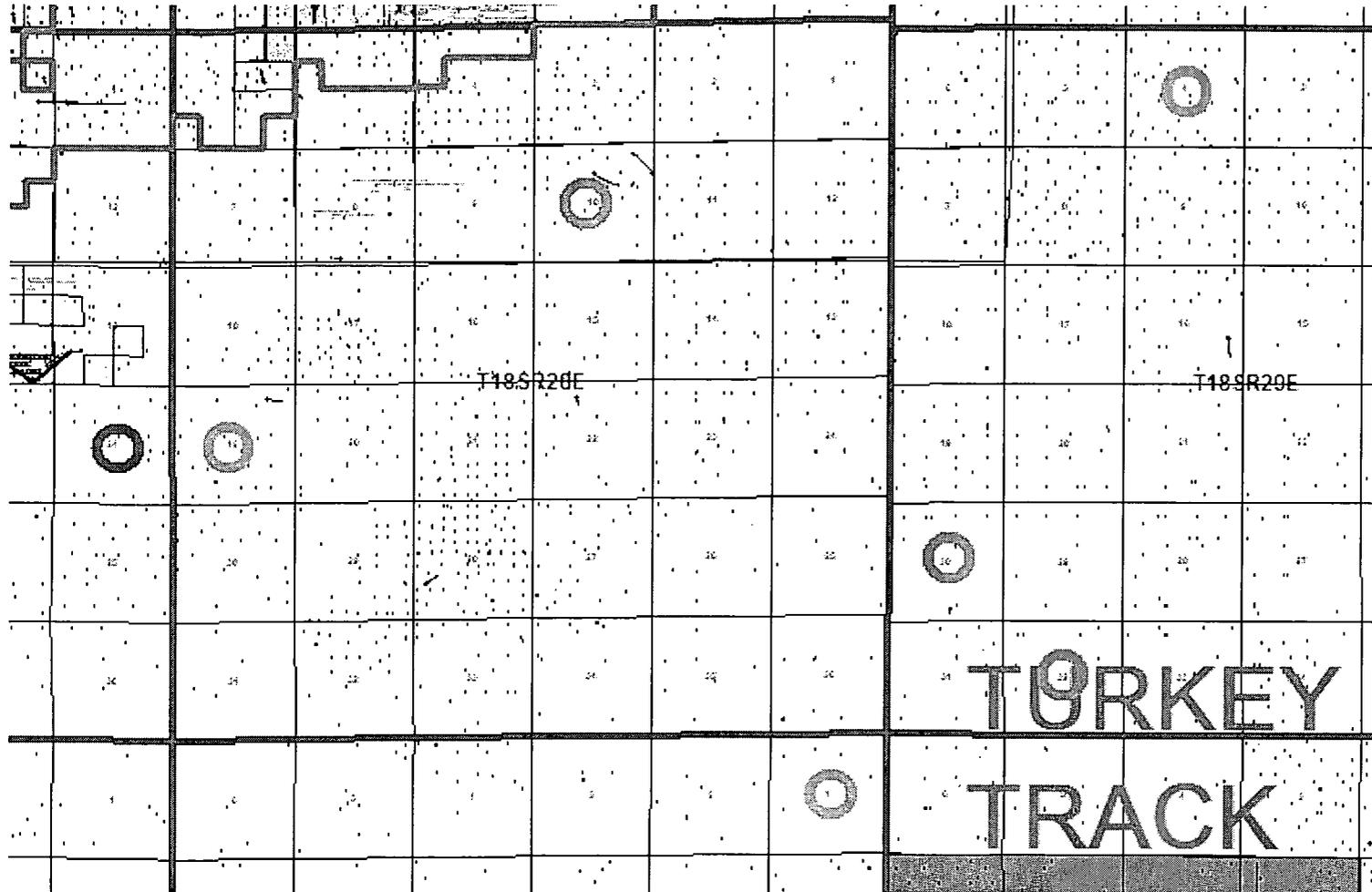
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
API#	Operator	Lease	Well#	Legal	Field Name	Reservoir Name	Activ	PI Top	PI Bottom	Total	Depth	Well Status	Verti	IP (BO/D)	IP(MCF/D)	First Prod.	Last Prod.	CumOil	CumGas	CumBOE
30015280950000	CHI OPERATING	ARCO FEDERAL	2	S:34, T:19S, R:28E	OLD MILLMAN	IBS (ASSOC)	1	6292	6401	6,522	Flowing	Y		36.35	229.9	Dec-94	Dec-11	32,958	141,330	56,513.00
30015281180000	OXY USA WTP	I GOVERNMENT	6	S:3, T:20S, R:28E	OLD MILLMAN	IBS (ASSOC)	1	6295	6443	6,605	Pumping	Y		92.97	439.13	Oct-94	Feb-12	61,740	442,155	135,432.50
30015221460200	COG OPERATING	STATE HU COM	1	S:7, T:19S, R:28E	SWD	CANYON	0	8876	9400	11,300	Active	Y				Aug-02	Feb-12			0
30015261160100	COG OPERATING	CHALK AKH SW	1	S:22, T:18S, R:27E	SWD	CANYON	0	7730	8420	10,050	Pumping	Y				Aug-02	Feb-12			0
30015253610200	RAY WESTALL	STATE CG	1	S:7, T:18S, R:28E	SWD	CANYON	1			10,377	Pumping	Y				Nov-06	Feb-12			0
30015229550200	BASIC ENERGY	STATE G COM	1	S:24, T:19S, R:27E	SWD	CANYON	1	8796	9202	11,136	Shut-in	Y				Jan-10	Feb-12			0
30015349160200	CHI OPERATING	OXY WILD BURI	1	S:4, T:18S, R:27E	WC	CHALK BLUFF;WOLFCAMP,N (G)	1			9,845	Active Permi	Y	3.23	161.13		Jun-08	Dec-11	4,163	101,079	21,009.50
30015401870000	YATES PETROLE	VIOLET BIV STA	1	S:14, T:18S, R:27E	WILDCAT	CHESTER (GAS)	1			10,500	Active Permi	Y								0
30015297090000	V-F PETROLEUM	W B TRAVIS 15	1	S:15, T:18S, R:28E	WC ILLINOIS CA	CHESTER, N. (O)	1	11040	11056	11,150	Pumping	Y		0	108.77	Dec-97	Jun-98	96	10,666	1,873.67
30015312320000	HARVEY E YATE	LOCO HILLS WE	26-6	S:4, T:18S, R:29E	LOCO HILLS	CISCO	1	9131	9160	11,200	Shut-in	Y		11.77	0	Dec-00	Jun-01	1,065	0	1,065.00
30015291650000	DOMINION OKI	FIREWEED 10 F	1	S:10, T:18S, R:28E	ILLINOIS CAMP	CISCO (G)	1	9528	9699	11,062	Shut-in	Y		16.17	174.33	Aug-99	Sep-00	524	6,302	1,574.33
30015335420300	OXY USA WTP	I OXY DYMES ST	1	S:19, T:18S, R:28E	ILLINOIS CAMP	CISCO (G)	1	10218	10444	10,630	Active	Y		8.28	0	Jan-60	Dec-60	2,567	0	2,567.00
30015218040100	SOUTHLAND RC	ALSCOTT FEDEF	1	S:31, T:18S, R:29E	EDDY UNDESIGI	CISCO (GAS)	1			11,311	Temporarily	Y		5.32	602.29	Sep-77	Dec-77	691	46,751	8,482.83
30015231360000	YATES PETROLE	NORTH TURKEY	1	S:33, T:18S, R:29E	PALMILLO	CISCO (GAS)	1			11,500	Shut-in	Y		0.52	2.23	Feb-95	Jun-99	314	248	355.33
30015218040200	SOUTHLAND RC	ALSCOTT FEDEF	1	S:31, T:18S, R:29E	TURKEY TRACK	CISCO, NORTH (GAS)	1			11,311	Temporarily	Y		0	34.68	Jan-79	Apr-96	3,910	38,187	10,274.50
30015231640300	BOPCO, L.P.	PALMILLO STA1	1	S:1, T:19S, R:28E	TURKEY TRACK	CISCO, NORTH (GAS)	1	9490	9512	11,250	Temporarily	Y		13.37	306.67	Aug-97	Feb-12	25,195	158,456	51,604.33
30015221420200	SOUTHLAND RC	ALSCOTT FEDEF	2	S:30, T:18S, R:29E	TURKEY TRACK	CISCO, NORTH (GAS)	1			11,341	Shut-in	Y								0
30015311860300	NEARBURG PRC	ENTERPRISE 32	1	S:32, T:18S, R:29E	TURKEY TRACK	CISCO, NORTH (GAS)	0			11,422	Flowing	Y			0.65	Feb-07	Dec-07	84	206	118.33
30015022320100	SUN EXPLORAT	EAST MILLMAN	5	S:13, T:19S, R:28E	MILLMAN QN G	CONSOLIDATED	1				Active	Y								0
30015217070400	LIME ROCK RES	HIGGINS TRUST	1	S:13, T:18S, R:26E	WC	DAYTON;WOLFCAMP, NE (G)	0			9,342	Flowing	Y				May-08	Jun-08	18	0	18
30015023010000	YESO ENERGY,	I CONNIE C STAT	2	S:25, T:19S, R:28E	OUTPOST	DELAWARE	1			5,200	Temporarily	Y	13.11	259.43		Jan-86	Apr-06	14,587	139,068	37,765.00

From: Kerry Miller

Sent: Wednesday, May 30, 2012 10:34 AM

To: Stan Bishop

Subject: Purple circle is peso well area orange circles indicate Cisco prod



Kerry Miller
Geological Technician
Lime Rock Resources
(713)292-9520 W
(832)640-0851 C
kmiller@limerockresources.com

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Thursday, May 31, 2012 2:55 PM
To: 'David Sibley'; Shapard, Craig, EMNRD
Cc: 'Ernest Padilla'
Subject: RE: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

David,

It seems the Canyon is either not present in this well down to 9200 feet or the Cisco/Canyon are undistinguishable from each other? The application says Abo/Wolfcamp/Cisco, does that mean the Canyon is not part of the disposal interval?

I just need a statement from you guys about Cisco salinity (over or under 10,000 mg/l TDS), if you can't find or obtain a water analysis from surrounding Cisco water production, you could consider having your log analyst pick a clean sand in the nearest well with resistivity logs over the Cisco and use the deep resistivity or SP readings to go into charts and infer an equivalent NaCl salinity.

With the addition of that info, we can release this permit for disposal.

With all this, I don't see a need to have it heard at the examiner hearing next week – but you may want to anyway and may have other reasons?

Regards,

Will Jones
New Mexico
Oil Conservation Division
[Images](#) [Contacts](#)

From: David Sibley [<mailto:dsibley@limerockresources.com>]
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- c. Will be included on a following e-mail.
- d. Attempting to find a source to answer this question.

Jones, William V., EMNRD

From: Ernest Padilla [epadillapl@qwestoffice.net]
Sent: Wednesday, June 06, 2012 9:44 AM
To: Jones, William V., EMNRD
Cc: 'David Sibley'; Davidson, Florene, EMNRD
Subject: RE: OCD Case No. 14854

Mr. Jones:

As you may be aware, the necessity for a hearing in the above-referenced case is no longer required and will be approved administratively. Accordingly, we request that the case be dismissed. Thank you.

Ernest L. Padilla
PADILLA LAW FIRM, P.A.
P.O. Box 2523
Santa Fe, New Mexico 87504-2523
T: 505-988-7577
F: 505-988-7592
E: epadillapl@qwestoffice.net; (office) padillalaw@qwestoffice.net

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From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
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Jones, William V., EMNRD

From: David Sibley [dsibley@limerockresources.com]
Sent: Tuesday, June 05, 2012 12:47 PM
To: Jones, William V., EMNRD; Shapard, Craig, EMNRD
Cc: Ernest Padilla; Stan Bishop
Subject: RE: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

Mr. Jones,

Based on Halliburton's analysis and our evaluation, we believe the Cisco salinity is over 10,000 mg/l TDS in the area near the Oxy Peso #1 well.

Thanks,

David Sibley

From: Jones, William V., EMNRD [<mailto:William.V.Jones@state.nm.us>]
Sent: Thursday, May 31, 2012 3:55 PM
To: David Sibley; Shapard, Craig, EMNRD
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Regards,

Will Jones
New Mexico
Oil Conservation Division
[Images](#) [Contacts](#)

Injection Permit Checklist (11/15/2010)

WFX _____ PMX _____ SWD 1338 Permit Date 6/15/12 BIC Qtr (A/M/D)

Wells 1 Well Name(s): OXY PESO #1

API Num: 30-015-34683 Spud Date: 12/27/06 New/Old: N (UIC primacy March 7, 1982)

Footages 1650 FNL/1850 FWL Unit F Sec 24 Tsp 185 Rge 2TE County EDDY

General Location: _____

Operator: LINE ROCK Resources II-A, L.P. Contact DAVID SIBLEY / DRCS

OGRID: 271358 RULE 5.9 Compliance (Wells) 3/361 (Finan Assur) OK IS-5.9 OK? OK

Well File Reviewed _____ Current Status: PERM APPROVED

Planned Work to Well: RE-ENTER / SET 7" CSB TO 7300', CMT,

Diagrams: Before Conversion After Conversion Elogs in Imaging File:

Well Details:	Sizes		Setting Depths	Stage Tool	Cement Sx or Cf	Determination Method
	Hole.....	Pipe				
New ___ Existing <input checked="" type="checkbox"/> Surface	17 1/2	13 7/8	427	—	450	CIRC
New ___ Existing <input checked="" type="checkbox"/> Intern	12 1/4	9 5/8	2502	—	950	CIRC
New ___ Existing ___ LongSt	8 3/4	7"	7300'	—	385	4262' Proposed
New ___ Existing ___ Liner						
New ___ Existing ___ OpenHole			7300' - 9200' (New PBD)			

Depths/Formations:	Depths, Ft.	Formation	Tops?
Formation(s) Above	5980	ABO	<input checked="" type="checkbox"/>
Injection TOP:	1690	ABO	Max. PSI <u>1338</u> OpenHole <input checked="" type="checkbox"/> Perfs <input checked="" type="checkbox"/>
Injection BOTTOM:	7300/9200	CISCO	Tubing Size <u>4 1/2</u> Packer Depth <u>6650'</u>
Formation(s) Below	7192	WC	<input checked="" type="checkbox"/>
	8086	CISCO	<input checked="" type="checkbox"/>

Handwritten note: 7252' TOP

Capitan-Reef? (Potash? Noticed? WIPP? Noticed? Salado Top/Bot _____ Cliff House? _____

Fresh Water: Depths: 150' Formation _____ Wells? Analysis? _____ Affirmative Statement

Disposal Fluid Analysis? Sources: SA / GRB / ON / YESO (LINE ROCK ONLY)

Disposal Interval: Analysis? _____ Production Potential/Testing: Evaluated already

Notice: Newspaper Date 5/11/12 Surface Owner COG OPER, LLC Mineral Owner(s) _____

RULE 26.7(A) Affected Persons: OXY USA, INC / etc See 5/9/12 (DEKALB county)

AOR: Maps? Well List? Producing in Interval? NO Wellbore Diagrams? _____

.....Active Wells 1 Repairs? 0 Which Wells? _____

.....P&A Wells 0 Repairs? 0 Which Wells? _____

Issues: Verify Lower PLUG with HBLD PSC / Test CISCO for Gas Request Sent _____ Reply: _____