

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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6/5/12  
Last Date

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Limerock 277558

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

20  
6690'-7300' Perf  
7300-9200' olt

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

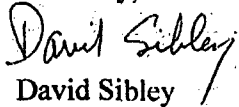
Re: Form C-108  
Lime Rock Resources II-A, L.P.  
Oxy Peso No. 1  
API No. 30-015-34683  
1650' FNL & 1850' FWL, Unit F  
Section 24, T-18S, R-27E, NMPM,  
Eddy County, New Mexico

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.**

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**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 1/2-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

OPERATOR: Lime Rock Resources II-A L.P.

WELL NAME & NUMBER: Oxy Peso No. 1 (API No. 30-015-34683)

WELL LOCATION: 1650' FNL & 1850' FWL F 24 18 South 27 East  
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

### WELLBORE SCHEMATIC

*See Attached Wellbore Schematic*

### WELL CONSTRUCTION DATA

#### Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8" @ 427'

Cemented with: 450 Sx. or                      ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

#### Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8" @ 2,502'

Cemented with: 950 Sx. or                      ft<sup>3</sup>

Top of Cement: Surface Method Determined: Circulated

#### Production Casing (Proposed)

Hole Size: 8 3/4" Casing Size: 7" @ 7,300'

Cement with: 385 Sx. or                      ft<sup>3</sup>

Top of Cement: 4,262' Method Determined: Proposed

Total Depth: 10,489' PBTD: 9,200'

#### Injection Interval

Perforated: 6,690'-7,300' Open Hole: 7,300'-9,200'

## 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.





PROPOSED

Well Name Oxy Pésó #1

API # 30-015-34683

Field

County Eddy

Elevation	3,579
-----------	-------

State NM

From 

GL
----

Sec 24

Twn 18

Rae|27

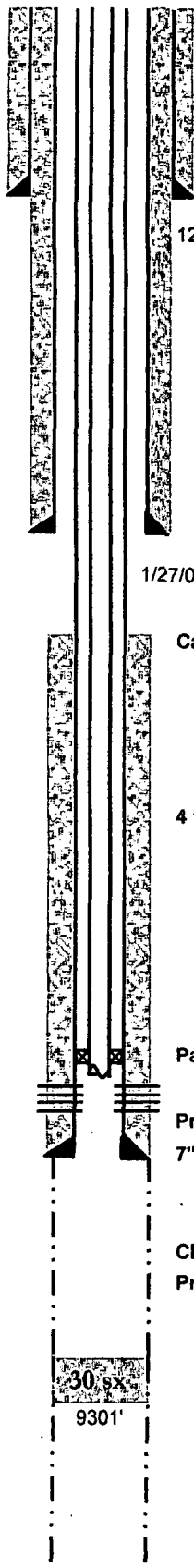
Lat

Long

feet from

1,650	N
-------	---

1.850 W



12/27/06 13 3/8 48# H-40 ST&C @ 427 450sx circ 100 sx

1/27/07 9 5/8" 36# J-55 LT&C @ 2502' 950sx circ 200sx

**Calculated TOC = 4,262' with 50% excess**

### 4 1/2" Coated Injection Tubing

### Packer @ 6,650'

**Proposed perforated Injection Interval 6690-7300'**

7" 26# L-80 LT&C @ 7300' 385sx

**Clean out to 9200'**

**Proposed Open Hole Injection Interval 7300-9200'**

30 SX

9301'

TD: 10,489' 2/4/07

## TUBULAR DATA

Tubular	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor							
Surface	13 3/8	48#	H40	ST&C	427		
Intermediate	9 5/8	36#	J-55	LT&C	2,502		
Production	7	26#	L-80	LT&C	7,300		
Tubing	4 1/2"	12.75#	L-80	EUE	6,650		

## CEMENT DATA

	L/sks	Yield	Weight	T/sks	Yield	Weight	XS
Conductor							
Surface							
Intermediate							
Production							

## FLUID / PROP


**DIRECTIONAL**

KOP	
MAX DEV	
DL DEV	
OV @ PERF	
RTV	

### PERFERATION DATA

[illegible]

## GEOLOGY

[illegible]

## SURVEY

[illegible]

Date \_\_\_\_\_

Prep by:

### Comments



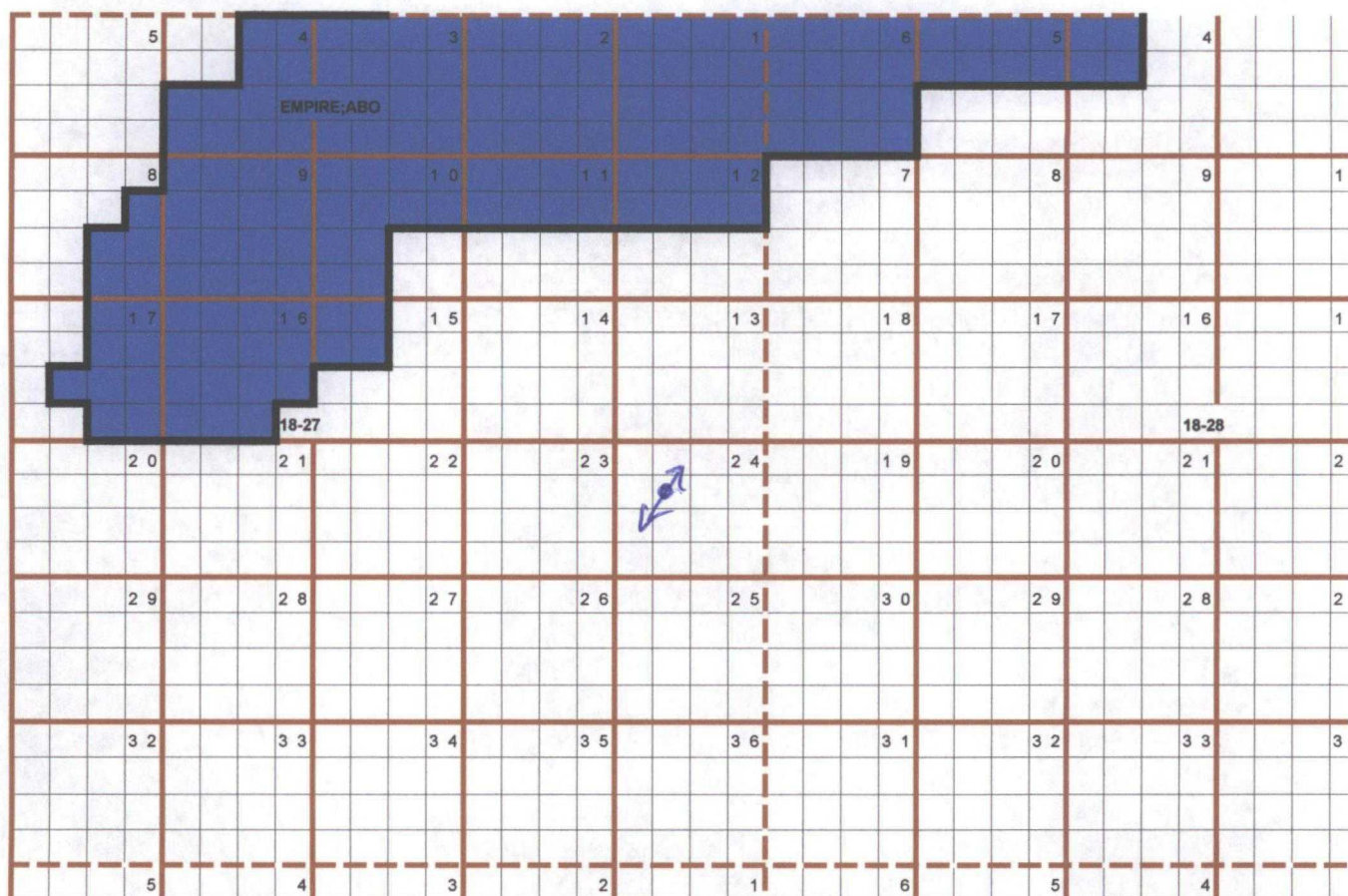
Well Name	Oxy Peso #1			Sec	24	feet from		
API #	30-015-34683			Twn	18	S	1,650	N
Field				Rge	27	E	1,850	W
County	Eddy	State	NM	Lat				
Elevation	3,579	From	GL	Long				

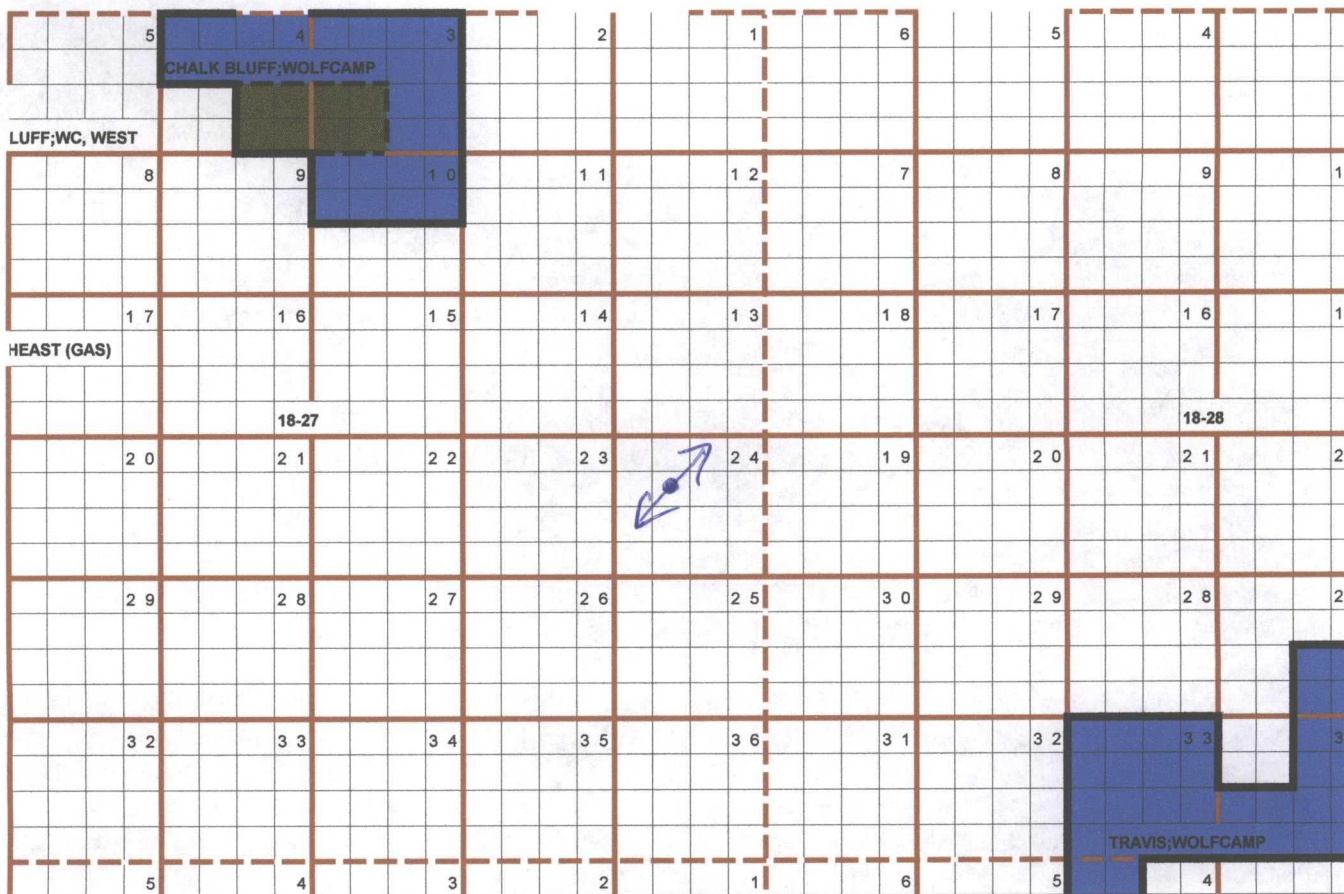
TD: 10,489' 2/4/07

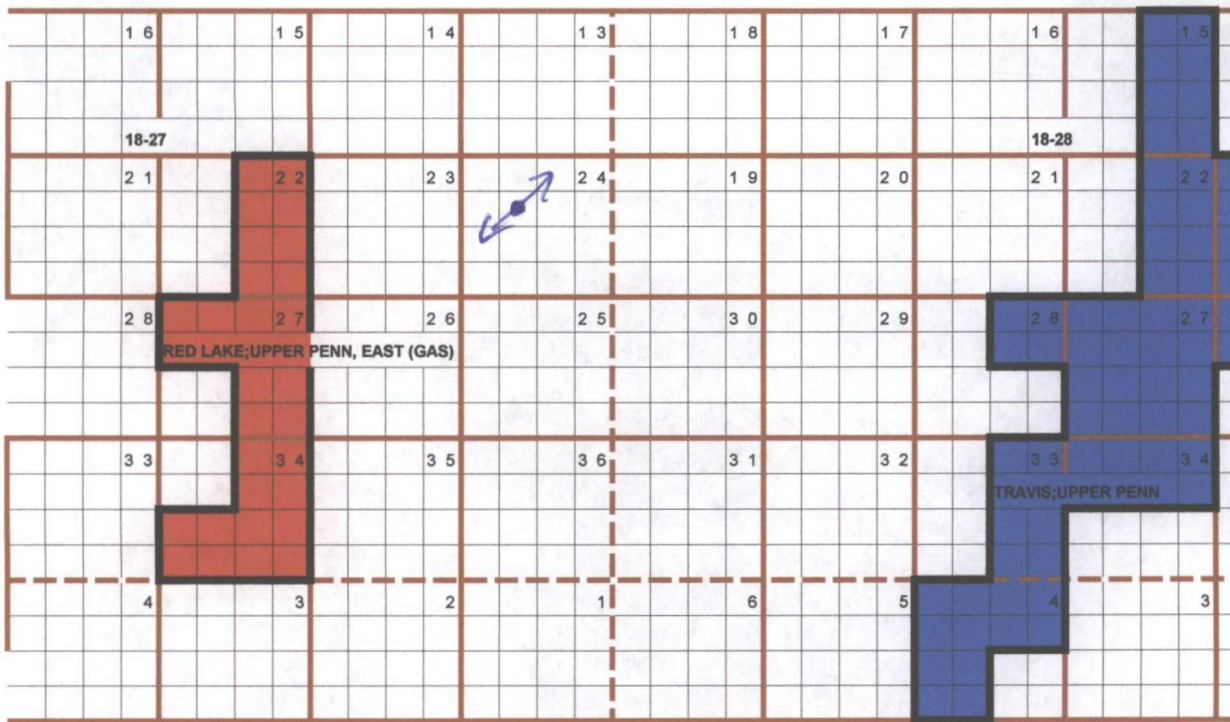
[illegible]

Prep by

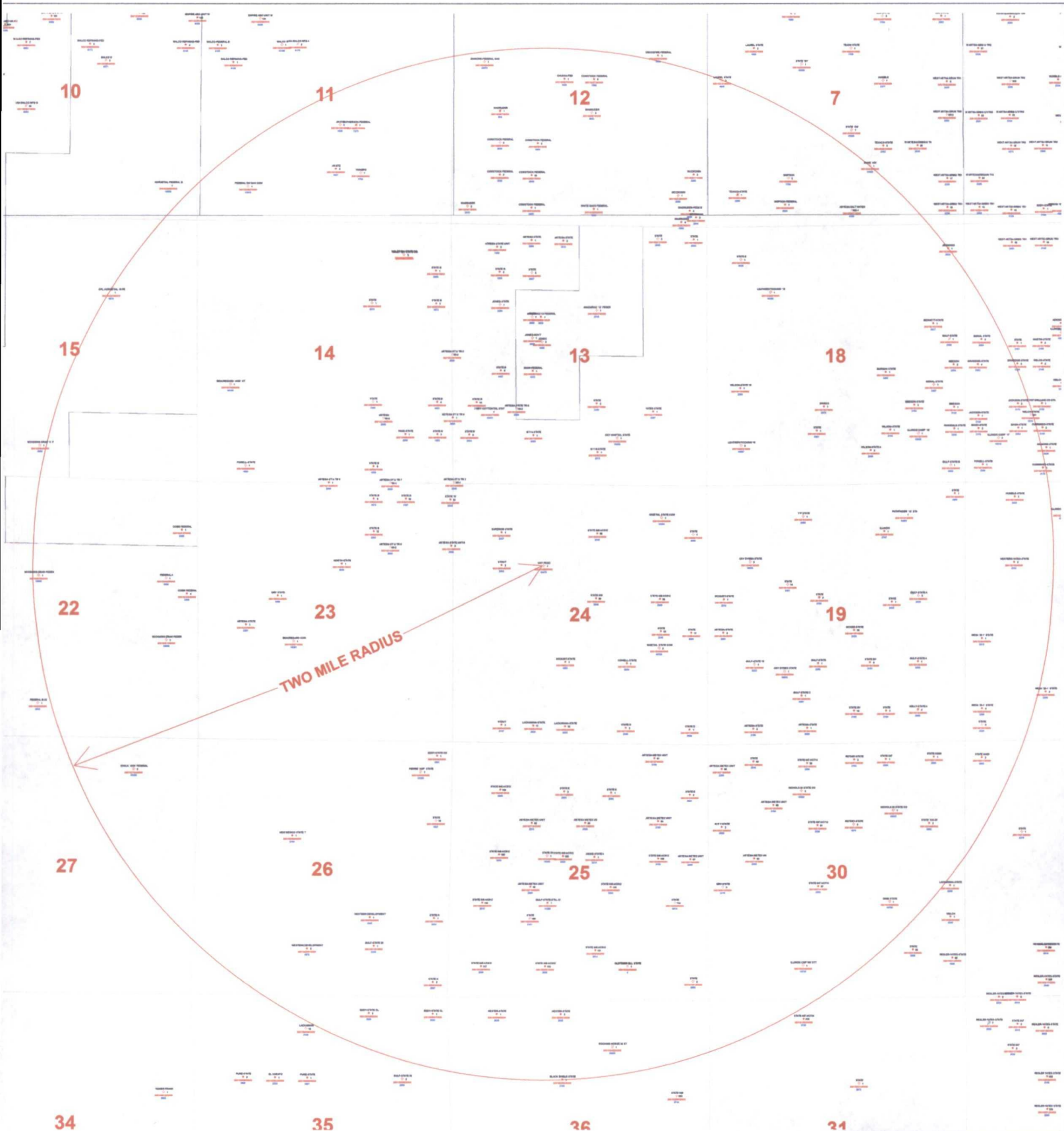
### Comments











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

DATE: 1/1/2011  
BY: [signature]  
CHECKED: [signature]

OXY USA WTP LP  
GAS

1  
10431  
5/10/2005

OXY COTTONTAIL STAT

30015343230000  
OXY USA WTP LP  
GAS  
1  
10450  
3/24/2006

30015345890000  
YATES DRILLING CO  
GAS  
1  
10500  
6/20/2006

0.5 mile radius  
30015346830000  
OXY USA WTP LP  
D&A  
1  
10479  
2/9/2007

24

30015350540000  
YATES DRILLING CO  
GAS  
2  
10700  
2/7/2007

1 inch = 1000 feet

1000 0 1000 ft



**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:  
<Name>

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 Cag Size	SX Cmt	CMT TOP	TOC/MTD	Intermediate Hole Size	Inter Cag Size	SX Cmt	CMT TOP	TOC/MTD	Prod. Hole Size	Prod. Cag 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 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	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.

5/3/12 1:43 PM

Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER

# Pro-Kem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Co.: LimeRock Resources  
 Lease: Enron  
 Well No.: ST  
 Location:  
 Attention:

Date Sampled: 15-July-2010  
 Date Analyzed: 28-July-2010  
 Lab ID Number: Jul2810.001- 9  
 Salesperson:  
 File Name: Jul2810.001

### ANALYSIS

1. Ph 5.600
2. Specific Gravity 60/60 F. 1.138
3. CACO3 Saturation Index @ 80F -0.530 Negligible  
 @140F 0.410 Mild

#### Dissolved Gasses

4. Hydrogen Sulfide 100
5. Carbon Dioxide 80
6. Dissolved Oxygen Not Determined

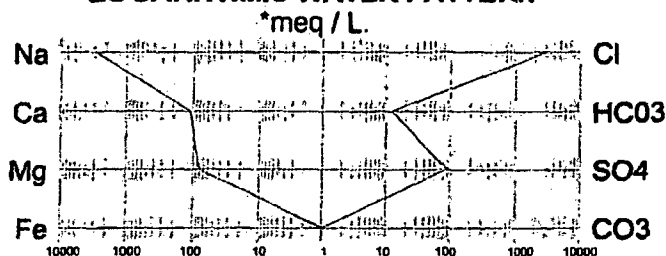
#### Cations

- |                              |                |          |          |
|------------------------------|----------------|----------|----------|
| 7. Calcium (Ca++)            | 2,166          | / 20.1 = | 107.76   |
| 8. Magnesium (Mg++)          | 971            | / 12.2 = | 79.59    |
| 9. Sodium (Na+) (Calculated) | 65,383         | / 23.0 = | 2,842.74 |
| 10. Barium (Ba++)            | Not Determined |          |          |

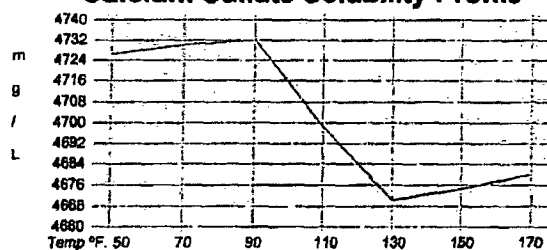
#### Anions

- |                                      |                    |          |          |
|--------------------------------------|--------------------|----------|----------|
| 11. Hydroxyl (OH-)                   | 0                  | / 17.0 = | 0.00     |
| 12. Carbonate (CO3=)                 | 0                  | / 30.0 = | 0.00     |
| 13. Bicarbonate (HCO3-)              | 714                | / 61.1 = | 11.69    |
| 14. Sulfate (SO4=)                   | 4,200              | / 48.8 = | 86.07    |
| 15. Chloride (Cl-)                   | 103,977            | / 35.5 = | 2,928.93 |
| 16. Total Dissolved Solids           | 177,411            |          |          |
| 17. Total Iron (Fe)                  | 1.50               | / 18.2 = | 0.08     |
| 18. Manganese (Mn++)                 | Not Determined     |          |          |
| 19. Total Hardness as CaCO3          | 9,408              |          |          |
| 20. Resistivity @ 75 F. (Calculated) | 0.017 Ohm · meters |          |          |

### LOGARITHMIC WATER PATTERN



### Calcium Sulfate Solubility Profile



### PROBABLE MINERAL COMPOSITION

COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	11.69		81.04	947
CaSO4	86.07		68.07	5,858
CaCl2	10.01		55.50	556
Mg(HCO3)2	0.00		73.17	0
MgSO4	0.00		60.19	0
MgCl2	79.59		47.62	3,790
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	2,839.33		58.46	165,987

\* milliequivalents per Liter

Tony Abernathy, Analyst

# 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

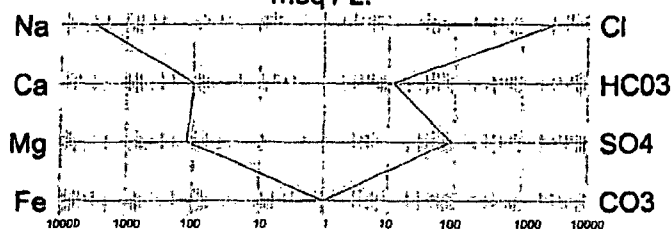
7. Calcium (Ca++)	1,884	/ 20.1 =	93.73
8. Magnesium (Mg++)	1,428	/ 12.2 =	117.05
9. Sodium (Na+) (Calculated)	67,431	/ 23.0 =	2,931.78
10. Barium (Ba++)	Not Determined		

### Anions

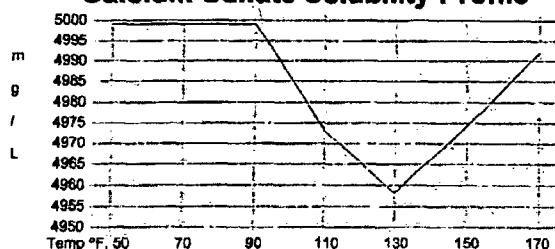
11. Hydroxyl (OH-)	0	/ 17.0 =	0.00
12. Carbonate (CO3=)	0	/ 30.0 =	0.00
13. Bicarbonate (HCO3-)	703	/ 61.1 =	11.51
14. Sulfate (SO4=)	4,200	/ 48.8 =	86.07
15. Chloride (Cl-)	107,976	/ 35.5 =	3,041.58
16. Total Dissolved Solids	183,622		
17. Total Iron (Fe)	1.50	/ 18.2 =	0.08
18. Manganese (Mn++)	Not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

### LOGARITHMIC WATER PATTERN

\*meq / L.



### 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 -0.400 Negligible  
 @140F 0.590 Mild

#### Dissolved Gasses

- |                     | MG/L.          | EQ. WT. | *MEQ/L |
|---------------------|----------------|---------|--------|
| 4. Hydrogen Sulfide | 30             |         |        |
| 5. Carbon Dioxide   | 100            |         |        |
| 6. Dissolved Oxygen | Not Determined |         |        |

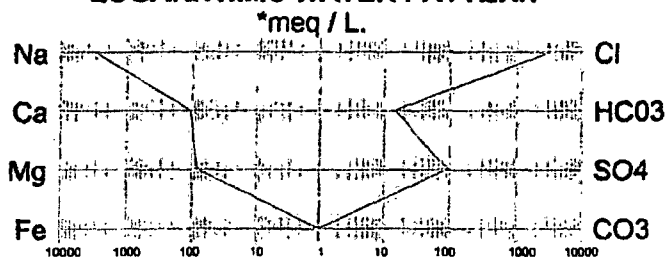
#### Cations

- |                              |                |          |          |
|------------------------------|----------------|----------|----------|
| 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 |          |          |

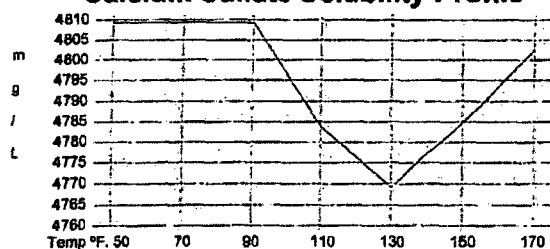
#### Anions

- |                                      |                    |          |          |
|--------------------------------------|--------------------|----------|----------|
| 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

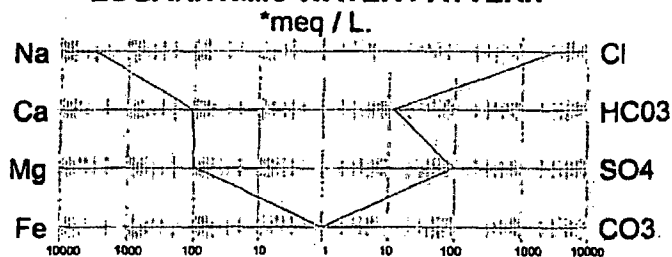
Co.: LimeRock Resources  
 Lease: Kersey  
 Well No.: ST  
 Location:  
 Attention:

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

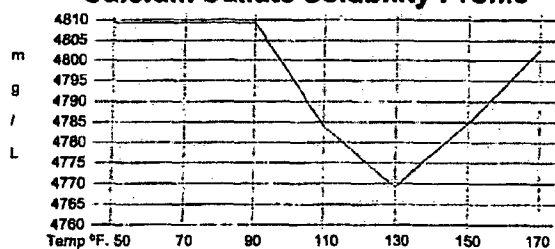
### ANALYSIS

1.	Ph	5.600			
2.	Specific Gravity 60/60 F.	1.143			
3.	CACO3 Saturation Index	@ 80F @140F	-0.496 0.494	Negligible Mild	
<b>Dissolved Gasses</b>			<b>MG/L.</b>	<b>EQ. WT.</b>	<b>*MEQ/L</b>
4.	Hydrogen Sulfide		30		
5.	Carbon Dioxide		50		
6.	Dissolved Oxygen		Not Determined		
<b>Cations</b>					
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		
<b>Anions</b>					
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 |         |        |

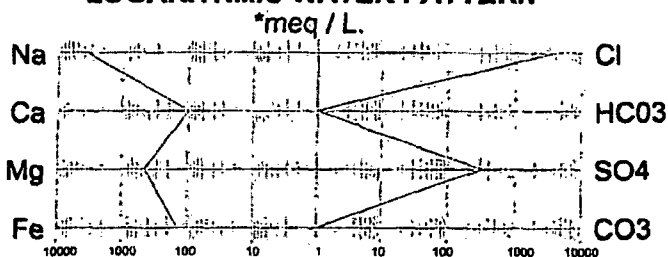
### Cations

- |                              |                |          |          |
|------------------------------|----------------|----------|----------|
| 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 |          |          |

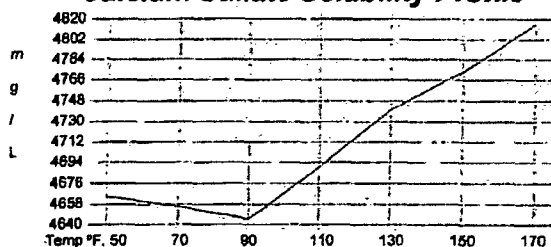
### Anions

- |                                      |                    |          |          |
|--------------------------------------|--------------------|----------|----------|
| 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   |
| 15. 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 |         |        |

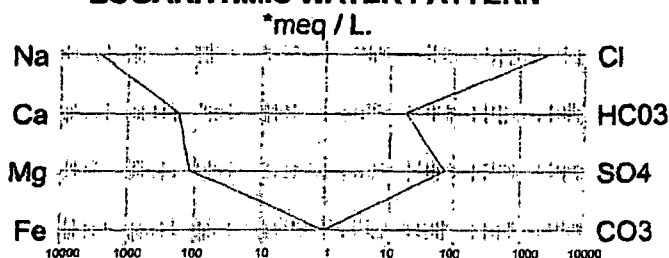
### Cations

- |                              |                |          |          |
|------------------------------|----------------|----------|----------|
| 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 |          |          |

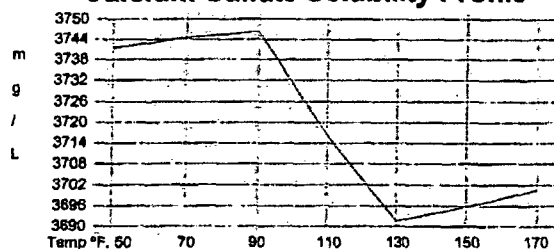
### Anions

- |                                      |                    |          |          |
|--------------------------------------|--------------------|----------|----------|
| 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

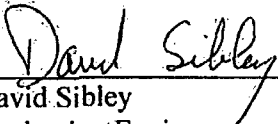
COMPOUND	*meq/L	X	EQ. WT. =	mg/L.
Ca(HCO3)2	17.35		81.04	1,406
CaSO4	69.67		68.07	4,743
CaCl2	81.69		55.50	4,534
Mg(HCO3)2	0.00		73.17	0
MgSO4	0.00		60.19	0
MgCl2	112.38		47.62	5,351
NaHCO3	0.00		84.00	0
NaSO4	0.00		71.03	0
NaCl	2,537.71		58.46	148,355

\* 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:

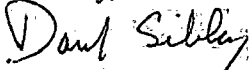
Enclosed please find a copy of Oil Conservation Division Form C-108 (Application for Authorization to Inject) for the Lime Rock Resources II-A, L.P. ("Lime Rock") Oxy Peso Well No. 1. You are being provided a copy of the application as an offset operator, offset leaseholder, offset working interest owner 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 <a href="http://www.usps.com">www.usps.com</a>			
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>Canyon E&amp;P Company</b>			
Street, Apt. No., or PO Box No. <b>251 O'Connor Ridge Blvd., Suite 265</b>			
City, State, ZIP+4 <b>Irving, TX 75038</b>			
PS Form 3800, August 2006		See Reverse for Instructions	

7010 1670 0000 8682 8402

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>COG Operating, LLC</b>			
Street, Apt. No., or PO Box No. <b>550 W Texas Ave., Suite 100</b>			
City, State, ZIP+4 <b>Midland, TX 79701</b>			
PS Form 3800, August 2006		See Reverse for Instructions	

7010 1670 0000 8682 8389

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Mobil Producing TX &amp; NM</b>			
Street, Apt. No., or PO Box No. <b>P.O. Box 2443</b>			
City, State, ZIP+4 <b>Houston, Texas 77210</b>			
PS Form 3800, August 2006		See Reverse for Instructions	

7010 1670 0000 8682 8396

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Exxon Mobil Corporation</b>			
Street, Apt. No., or PO Box No. <b>5959 Las Colinas Blvd.</b>			
City, State, ZIP+4 <b>Irving, Texas 75039-4202</b>			
PS Form 3800, August 2006		See Reverse for Instructions	

7010 1670 0000 8682 8372

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Mobil Producing TX &amp; NM</b>			
Street, Apt. No., or PO Box No. <b>P.O. Box 2305</b>			
City, State, ZIP+4 <b>Houston, Texas 77210-2305</b>			
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 <a href="http://www.usps.com">www.usps.com</a>			
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>Khody Land &amp; Minerals Co.</b>			
Street, Apt. No., or PO Box No. <b>3817 NW Expressway, Suite 950</b>			
City, State, ZIP+4 <b>Oklahoma, OK 73112</b>			
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 <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>Phillips Petroleum Co.</b>	
Street, Apt. No. or PO Box No. <b>P.O. Box 7500</b>	
City, State, ZIP+4 <sup>®</sup> <b>Bartlesville, OK 74005-7500</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 1670 0000 8682 8297

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>Range Energy Finance Corp.</b>	
Street, Apt. No. or PO Box No. <b>P.O. Box 2229</b>	
City, State, ZIP+4 <sup>®</sup> <b>Houston, TX 77252-2229</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 1670 0000 8682 8280

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>Alamo Permian Resources LLC</b>	
Street, Apt. No. or PO Box No. <b>820 Gessner Rd. Suite 1650</b>	
City, State, ZIP+4 <sup>®</sup> <b>Houston, TX 77024</b>	
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 <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>Domain Energy Corp.</b>	
Street, Apt. No. or PO Box No. <b>6801 Greenspoint Park, Suite 200</b>	
City, State, ZIP+4 <sup>®</sup> <b>Houston, TX 77060</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 1670 0000 8682 8303

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>Western Development Co.</b>	
Street, Apt. No. or PO Box No. <b>3255 Grace St. NM</b>	
City, State, ZIP+4 <sup>®</sup> <b>Washington, DC 20007</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 1670 0000 8682 8273

U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only, No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
OFFICIAL USE	
Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To <b>CBS Partners LTD.</b>	
Street, Apt. No. or PO Box No. <b>P.O. Box 2236</b>	
City, State, ZIP+4 <sup>®</sup> <b>Midland, TX 79702</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7010 1670 0000 8682 8242

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 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 8228

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 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 8266

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 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 8235

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 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 8211

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 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 8259

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 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

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Logan Royalties LTD</b>			
Street, Apt. No., or PO Box No. <b>P.O. Box 804</b>			
City, State, ZIP+4 <b>Midland, TX 79702</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

7010 1670 0000 8682 8167

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Summit Overseas Exploration</b>			
Street, Apt. No., or PO Box No. <b>Frontgate 3, Suite 201</b>			
City, State, ZIP+4 <b>Lakewood, CO 80226</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

7010 1670 0000 8682 8174

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Highlands Gas Corp.</b>			
Street, Apt. No., or PO Box No. <b>5613 DTC Pkwy, Suite 850</b>			
City, State, ZIP+4 <b>Englewood, CO 80111</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

7010 1670 0000 8682 8198

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>B &amp; H Properties</b>			
Street, Apt. No., or PO Box No. <b>2410 Auburn Place</b>			
City, State, ZIP+4 <b>Midland, TX 79705</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

7010 1670 0000 8682 8150

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Casper Oil Inc.</b>			
Street, Apt. No., or PO Box No. <b>777 S. Wadsworth Blvd.</b>			
City, State, ZIP+4 <b>Lakewood, CO 80226</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

7010 1670 0000 8682 8181

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
(Domestic Mail Only, No Insurance Coverage Provided)			
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>			
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>Michael G. Mooney</b>			
Street, Apt. No., or PO Box No. <b>3310 Dentcrest</b>			
City, State, ZIP+4 <b>Midland, TX 79705</b>			
PS Form 3800, August 2006 See Reverse for Instructions			



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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Postmark  
Here

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

PS Form 3800, August 2006 See Reverse for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Postmark  
Here

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

PS Form 3800, August 2006 See Reverse for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Postmark  
Here

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

PS Form 3800, August 2006 See Reverse for Instructions

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

For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

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

Postmark  
Here

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

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

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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40

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

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7011 0110 0001 2606 3812

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Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Anadarko Production Corp.</b>	
Street, Apt. No. or PO Box No.: <b>P.O. Box 1330</b>	
City, State, ZIP+4: <b>Houston, Texas 77251-1330</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7011 0110 0001 2606 3805

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Lobos Energy Partners, LLC</b>	
Street, Apt. No. or PO Box No.: <b>3817 NW Expressway, Suite 950</b>	
City, State, ZIP+4: <b>Oklahoma City, OK 73112</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

7011 0110 0001 2606 3775

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Hondo Oil &amp; Gas Co.</b>	
Street, Apt. No. or PO Box No.: <b>P.O. Box 2208</b>	
City, State, ZIP+4: <b>Roswell, NM 88202</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Chevron USA</b>	
Street, Apt. No. or PO Box No.: <b>1301 McKinney</b>	
City, State, ZIP+4: <b>Houston, TX 77010</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Marathon Oil Co.</b>	
Street, Apt. No. or PO Box No.: <b>P.O. Box 552</b>	
City, State, ZIP+4: <b>Midland, TX 79702</b>	
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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
Postmark Here	
Sent To: <b>Atlantic Richfield Company</b>	
Street, Apt. No. or PO Box No.: <b>1601 Bryan St.</b>	
City, State, ZIP+4: <b>Dallas, TX 75201</b>	
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

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Certified Fee	2.95
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>Apache Corporation</b> Sent To <b>ZPZ Delaware I, LLC</b> Street, Apt. No. or PO Box No. <b>2000 Post Oak Blvd., Suite 100</b> City, State, ZIP+4 <b>Houston, TX 77056</b>	
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>Yates Petroleum/Abo Petroleum</b> Sent To <b>Corp./Yates Drilling Co.</b> Street, Apt. No. or PO Box No. <b>105 S Fourth St.</b> City, State, ZIP+4 <b>Artesia, NM 88210</b>	
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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>Oxy USA, WTP, LP</b> Sent To <b>Oxy USA, Inc.</b> Street, Apt. No. or PO Box No. <b>P.O. Box 4294</b> City, State, ZIP+4 <b>Houston, TX 77210</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>BP America Production Co.</b> Sent To <b>P.O. Box 3092</b> Street, Apt. No. or PO Box No. <b>Houston, TX 77079-3092</b> City, State, ZIP+4	
PS Form 3800, August 2006 See Reverse for Instructions	

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Postage	\$ 2.10
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>Anadarko Petroleum Corporation</b> Sent To <b>1201 Lake Robbins Drive</b> Street, Apt. No. or PO Box No. <b>The Woodlands, TX 77380</b> City, State, ZIP+4	
PS Form 3800, August 2006 See Reverse for Instructions	

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.40
<b>Alamo Permian Resources, LLC</b> Sent To <b>415 W. Wall Street #500</b> Street, Apt. No. or PO Box No. <b>Midland, TX 79701</b> City, State, ZIP+4	
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7010 1670 0000 8682 8324

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OFFICIAL USE			
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Certified Fee	2.95		
Return Receipt Fee (Endorsement Required)	2.35		
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees	\$ 7.40		
Sent To <b>Bogle Ltd Company</b>			
P.O. Box 460			
Street, Apt. No., or PO Box No. <b>Dexter, NM 77231</b>			
City, State, ZIP+4			
PS Form 3800, August 2006 See Reverse for Instructions			

7011 0110 0001 2606 3782

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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>DeKalb Energy Co.</b>			
1625 Broadway, Suite 1300			
Street, Apt. No., or PO Box No. <b>Denver, CO 80202</b>			
City, State, ZIP+4			
PS Form 3800, August 2006 See Reverse for Instructions			

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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 <b>Vilas P Sheldon Marital Deduction Trust</b>			
C/O Broadway National Bank, Trustee			
Street, Apt. No., or PO Box No. <b>P.O. Box 17001 - Trust</b>			
City, State, ZIP+4 <b>San Antonio, TX 78247</b>			
PS Form 3800, August 2006 See Reverse for Instructions			

## Jones, William V., EMNRD

---

**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?
- 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?
- d. Are the Cisco waters in this area over 10,000 mg/l TDS?
- 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](mailto:craig.shapard@state.nm.us)

---

**From:** Jones, William V., EMNRD  
**Sent:** Tuesday, May 29, 2012 6:04 PM  
**To:** [drcatanach@netscape.com](mailto:drcatanach@netscape.com); [dsibley@limerockresources.com](mailto: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?
- d. Are the Cisco waters in this area over 10,000 mg/l TDS?
- e. Why is this one on the Docket for next week? Was there a protest or what was the biggest concern?

## 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  
**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?
- ✓ d. Are the Cisco waters in this area over 10,000 mg/l TDS?
- ✓ 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

## 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

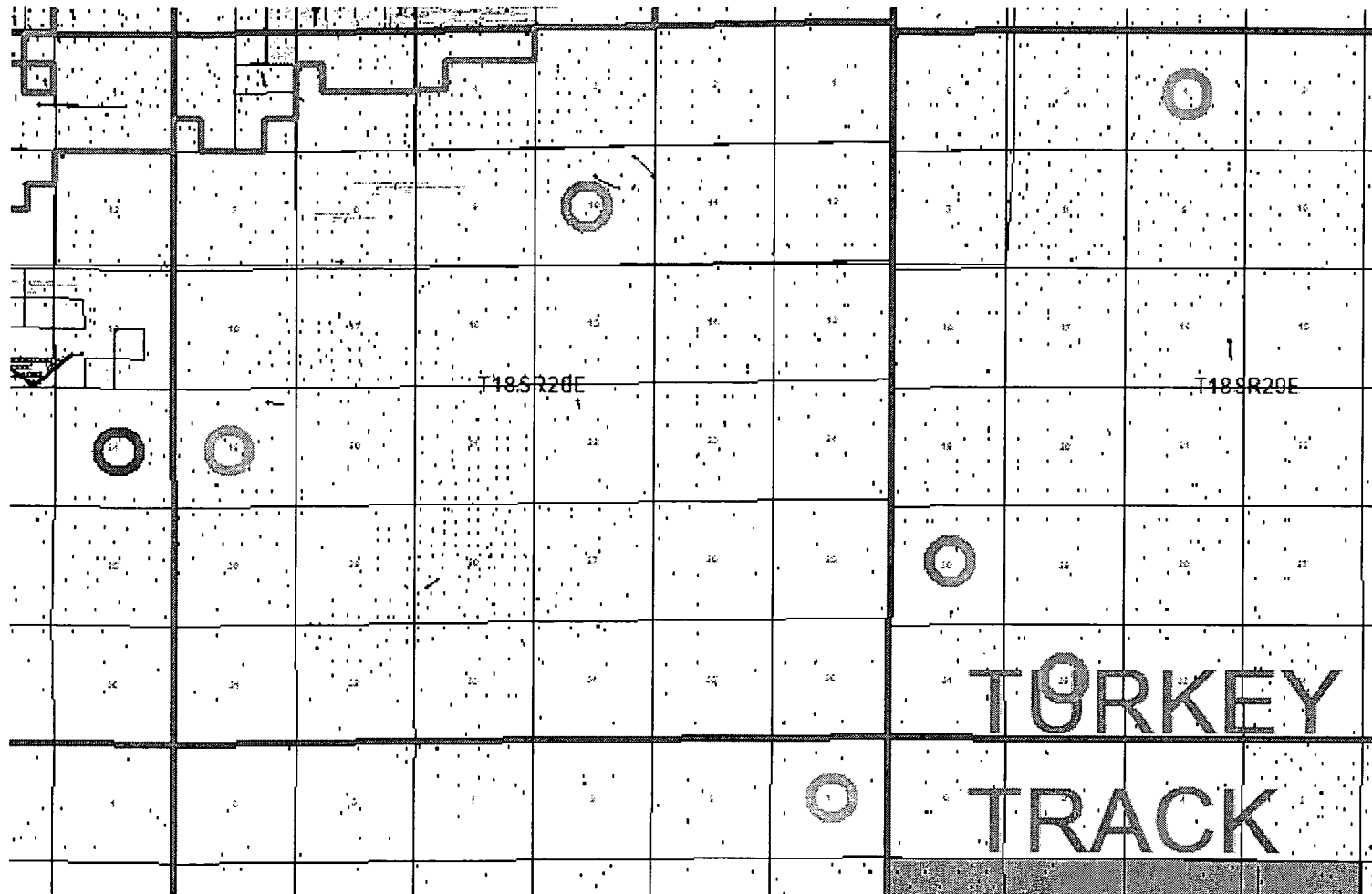
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
API#	Operator	Lease	Well#	Legal	Field Name	Reservoir Name	Activ	PI Top	PI Bottom	Total Depth	Well Status	Verti	IP (BO/D)	IP(MCF/D)	First Prod.	Last Prod.	CumOil	CumGas	CumBOE
30015280950000	CHI OPERATING	ARCO FEDERAL	2	S:34, T:19S, R:28E	OLD MILLMAN I BS (ASSOC)		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 I BS (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 OPERATIN	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 OPERATIN	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 PR	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,	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](mailto:kmiller@limerockresources.com)

## Jones, William V., EMNRD

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**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](#)

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**From:** David Sibley [<mailto:dsibley@limerockresources.com>]  
**Sent:** Wednesday, May 30, 2012 5:13 PM  
**To:** Jones, William V., EMNRD; [drcatanach@netscape.com](mailto: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.

## Jones, William V., EMNRD

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**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](mailto:epadillapl@qwestoffice.net); (office) [padillalaw@qwestoffice.net](mailto:padillalaw@qwestoffice.net)

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

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## Jones, William V., EMNRD

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**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

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**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  
**Cc:** 'Ernest Padilla'  
**Subject:** RE: Disposal application from Lime Rock Resources II-A, LP: Oxy Peso #1 30-015-34683 Abo, WC, Cisco

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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 / DRC

OGRID: 277358 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" CSG 7300' CMT,

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: ☒

Well Details:		Sizes	Setting	Stage	Cement	Determination
		Hole.....Pipe	Depths	Tool	Sx or Cf	Method
New ___ Existing <input checked="" type="checkbox"/>	Surface	17 1/2 13 7/8	427	—	450	CIRC
New ___ Existing <input checked="" type="checkbox"/>	Interm	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	✓
Injection TOP:	690	ABO	Max. PSI 1338
Injection BOTTOM:	7300/9200	CISCO	OpenHole ___ Perfs ___
	7192	WC	Tubing Size F/2 Packer Depth 6650'
Formation(s) Below	8086	CISCO	✓

Capitan-Reef? (Potash?) Noticed? (WIPP?) Noticed? Salado Top/Bot Cliff House? 7/14/12 2TE

Fresh Water: Depths: 150' Formation \_\_\_\_\_ Wells? ☒ Analysis? ☒ Affirmative Statement ☒

Disposal Fluid Analysis? ☒ Sources: GG/GRB/ON/YSO (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 app (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 Liner Plug with HLD PSC / Test CISCO for Gas Request Sent \_\_\_\_\_ Reply: \_\_\_\_\_