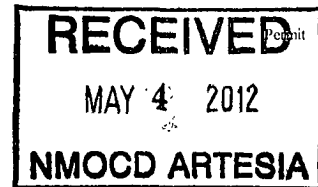


District I  
1625 N French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax (575) 393-0720  
District II  
811 S First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone (505) 334-6178 Fax (505) 334-6170  
District IV  
1220 S St Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised December 16, 2011



**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Lime Rock Resources II-A, LP, 1111 Bagby, Suite 4600, Houston TX. 77002		<sup>2</sup> OGRID Number 277558
		<sup>3</sup> API Number 30-015-34683
<sup>4</sup> Property Code 35492	<sup>5</sup> Property Name Oxy Peso	<sup>6</sup> Well No #1

**<sup>7</sup> Surface Location**

UL - Lot F	Section 24	Township 18S	Range 27E	Lot Idn	Feet from 1650	N/S Line N	Feet From 1850	E/W Line W	County Eddy
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	-------------------	---------------	----------------

**<sup>8</sup> Pool Information**

SWD, Abo-Cisco Abo - WC - Cisco SWD-1338	97967105 97847
--	-------------------

**Additional Well Information**

<sup>9</sup> Work Type E	<sup>10</sup> Well Type S	<sup>11</sup> Cable/Rotary R	<sup>12</sup> Lease Type P	<sup>13</sup> Ground Level Elevation 3579
<sup>14</sup> Multiple N	<sup>15</sup> Proposed Depth 9,200	<sup>16</sup> Formation Canyon	<sup>17</sup> Contractor to be determined	<sup>18</sup> Spud Date 5/1/2012
Depth to Ground water: 50		Distance from nearest fresh water well 1.3		Distance to nearest surface water 8.5

**<sup>19</sup> Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
*Surface	17.5	13.375	48	427	450	SURF
*Intermediate	12.25	9.625	36	2502	950	SURF
Production	8.75	7	26	7300	385	-4,300'
*EXISTING						

**Casing/Cement Program: Additional Comments**

--

**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
XLT 11"	5000	5000	National Varco

I hereby certify that the information given above is true and complete to the best of my knowledge and belief

I further certify that the drilling pit will be constructed according to NMOC D guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Signature: *Jerry Smith*

Printed name: Jerry Smith

Title: Assistant Production Supervisor

E-mail Address: jsmith@hmerockresources.com

Date: 5-3-12

Phone 575-748-9724

**OIL CONSERVATION DIVISION**

Approved By

Title:

Approved Date: 6/18/2012

Expiration Date: 6/18/2014

Conditions of Approval Attached

DISTRICT I  
1625 N. FRENCH DR., HOURS, NM 88240

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015- 34683	Pool Code 97844 97967	Pool Name SWD; ABO-CISCO (WOLFCAMP)
Property Code 35492	Property Name OXY PESO	Well Number 1
GRID No. 277558	Operator Name Lime Rock Resources II-A, L.P.	Elevation 3579'

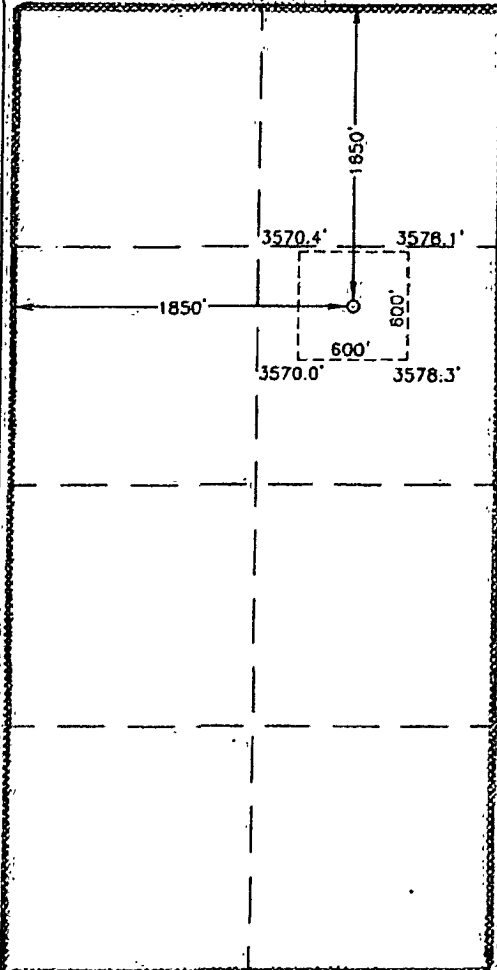
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	24	18-S	27-E		1650	NORTH	1850	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 0	Joint or Infill N	Consolidation Code	Order No. SWD-1338						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>GEODETC COORDINATES NAD 27 NME</p> <p>Y=631268.3 N X=530511.4 E</p> <p>LAT.=32°44'07.49" N LONG.=104°14'02.79" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jerry Smith</i> 5-3-12 Signature Date Jerry Smith Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>FEBRUARY 22, 2006</p> <p>Date Surveyed LA</p> <p>Signature &amp; Seal of Professional Surveyor <i>Gary Edson</i> 3/6/06 06.11.0377</p> <p>Certificate No. GARY EDSON 12841</p>
--	---	--

**Oxy Peso #1**  
**1650' FNL 1850' FWL**  
**F-S24-T18S-R27E**  
**Eddy County, NM**

- |                              |                |
|------------------------------|----------------|
| <b>Quaternary – Alluvium</b> | <b>Surface</b> |
| <b>Seven Rivers</b>          | <b>752'</b>    |
| <b>Queen</b>                 | <b>1387'</b>   |
| <b>San Andres</b>            | <b>2176'</b>   |
| <b>Abo</b>                   | <b>5980'</b>   |
| <b>Wolfcamp</b>              | <b>7192'</b>   |
| <b>Cisco</b>                 | <b>8086'</b>   |
| <b>TD</b>                    | <b>9200'</b>   |

- None, this was a D&A well when drilled.**

- | Type          | Hole Size | Casing Size | Wt | Grade | Thread | Depth | Sx  | Density | Yield | Components  |
|---------------|-----------|-------------|----|-------|--------|-------|-----|---------|-------|---|
| *Surface      | 17.5      | 13.375      | 48 | ST&C  | H-40   | 427   | 250 | 12.7    | 1.89  | Halliburton Lite Prem Plus +2%CACL  |
|               |           |             |    |       |        |       | 200 | 14.8    | 1.35  | Halliburton Lite Prem Plus +2%CACL (circulated 100 Sx)                                    |
| *Intermediate | 12.25     | 9.625       | 36 | LT&C  | J-55   | 2502  | 750 | 11.9    | 2.38  | Interfill C with 0.125 PPS Poly-E-Flake   |
|               |           |             |    |       |        |       | 200 | 14.8    | 1.35  | Class "C" + 2% CaCl2 (circulated 200 Sx)  |
| Production    | 8.75      | 7           | 26 | LT&C  | L-80   | 7300  | 185 | 12      | 2.31  | Class H+ 5%bwow NaCl+0.2% bwoc R-3 + 5#/sx LCM-1+ 0.2% bwoc FL-52A+ 10% bwoc Bentonite II |
|               |           |             |    |       |        |       | 200 | 14.2    | 1.3   | Class H 50:50 Poz+ 5%bwow NaCl+0.5% bwoc FL-52A+ 2% bwoc Bentonite II                     |
|               |           |             |    |       |        |       |     |         |       |   |
|               |           |             |    |       |        |       |     |         |       |   |
| *EXISTING     |           |             |    |       |        |       |     |         |       |   |
|               |           |             |    |       |        |       |     |         |       |   |

**8. Proposed Mud Program is as follows**

<b>Depth</b>	2502-5000	5000-9200	
<b>Mud Type</b>	Brine	Brine w/ Gel & Starch	
<b>Properties</b>			
<b>MW</b>	9.9-10.2	9.9-10.2	
<b>pH</b>	10-11.5	10-11.5	
<b>WL</b>	NC	15-10	
<b>Vis</b>	30-32	32-34	
<b>MC</b>	NC	1	
<b>Solids</b>	<1%	<1%	
<b>Pump Rate</b>	350-450 gpm	450-500 GPM	
<b>Special</b>	Salt Gel & MF as Req'd Pmp Hi Vis sweeps to control solids	Salt gel, Acid & MF as req. Pmp Hi Vis sweeps to control solids	

**9. Pressure Control Equipment: See Attached Description and diagram of Pressure Control Equipment.**

**10. Testing, Logging and Coring Program**

**Testing Program: No drill stem test are anticipated**

**Electric Logging Program: Intermediate casing set @ 2502': G/R/Neutron**

**Coring Program: None**

**11. Potential Hazards:**

No abnormal temperatures or pressures are expected. There is no known presence of H<sub>2</sub>S in this area. If H<sub>2</sub>S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 4048 psi based on 0.44 x TD. The estimated BHT is 162 degrees F.

**12. Duration of Operations:**

Anticipated spud date will be soon after approval and as soon as a rig will be available. Move in operations and drilling is expected to take 15 days. An additional 20 days will be needed it complete the well and to construct surface facilities.

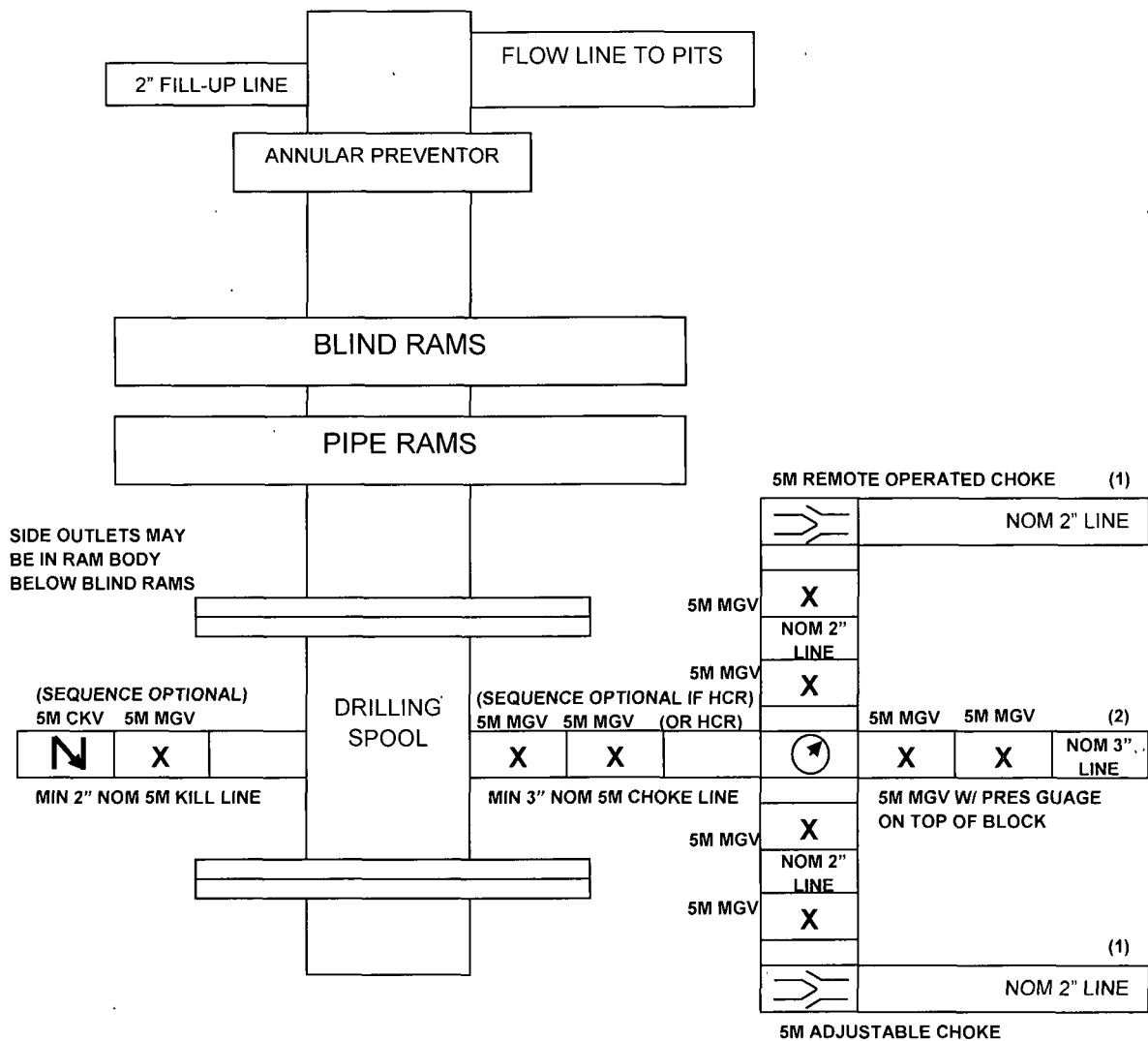
## **Pressure Control Equipment**

The blowout preventer equipment (BOP) will consist of a 5000 psi dual ram type preventer, and a bag-type (Hydril) preventer. Both units will be hydraulically operated and the ram type preventer will be equipped with Blind Rams on top and Drill Pipe Rams on the bottom. A 5M BOP will be installed on the 9 5/8" intermediate casing and utilized continuously until the depth is reached. All casing strings will be tested as per Onshore Order #2.

Pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These functional tests will be documented on the daily drilling logs.

The BOP equipment will consist of the following:

- Annular preventer\*
- Pipe ram, blind ram, and, if conditions warrant, as specified by the authorized officer, another pipe ram shall also be required\*
- A second pipe ram preventer shall be used with a tapered drill string
- Drilling spool, or blowout preventer with 2 side outlets (choke side shall be a 3-inch minimum diameter, kill side shall be at least 2-inch diameter)\*
- 3 inch diameter choke line
- 2 choke line valves (3 inch minimum)\*
- Kill line (2 inch minimum)
- 2 chokes with 1 remotely controlled from rig floor (refer to diagram in Attachment 1)
- 2 kill line valves and a check valve (2 inch minimum)\*
  
- Upper kelly cock valve with handle available
- When the expected pressures approach working pressure of the system, 1 remote kill line tested to stack pressure (which shall run to the outer edge of the substructure and be unobstructed)
- Lower kelly cock valve with handle available
- Safety valve(s) and subs to fit all drill string connections in use
- Inside BOP or float sub available -Pressure gauge on choke manifold
- All BOPE connections subjected to well pressure shall be flanged, welded, or clamped\*
- Fill-up line above the uppermost preventer.



- (1) Line to mud gas separator and/or pit  
(2) Bleed line to pit

MGV = Manual Gate Valve

CKV = Check Valve

HCR = Hydraulically Controlled Remote Valve

## **LIME ROCK RESOURCES II-A, L.P.**

### **Oxy Peso #1 Well**

## **HYDROGEN SULFIDE (H<sub>2</sub>S) CONTINGENCY DRILLING PLAN**

**Assumed 100 ppm ROE = 3000'**

**100 ppm H<sub>2</sub>S concentration shall trigger activation of this plan.**

**This is an open drilling site. H<sub>2</sub>S monitoring equipment, along with a choke manifold, mud/gas separator, and flare will be rigged up and in use when the company drills out from under surface casing. H<sub>2</sub>S monitors, warning signs, wind indicators and flags will be in use.**

### **SUMMARY PLAN**

1. All personnel shall receive proper H<sub>2</sub>S training in accordance with Onshore Oil and Gas Order No. 6.III.C.3.a. A minimum of an initial training session and weekly H<sub>2</sub>S and well control drills for all personnel in each working crew shall be conducted. The initial training session for each well shall include a review of the this Drilling Operations Plan and site specific measures and areas set up when the rig is moved onto location.
2. The company has caused the drilling contractor and other vendors to install 2000 psi well control systems including:
  - A. A choke manifold with:
    - i. One remotely operated choke,
    - ii. a flare line and flare that is 150' from the wellhead to be ignited, in the event the plan is put into effect, with an electronic ignition system or a back up flare gun,
    - iii. a mud/gas separator downstream of the of the choke and upstream of the flare,
    - iv. All BOP equipment required for a 5000 psi well control system will be in place and tested by a third party to 250 psi low pressure and 5000 psi high pressure. This test will include testing all lines and equipment associated with the choke manifold and kill line. Weekly BOP function and control drills will be performed with all applicable crews and personnel on location.
3. At rig move in, two perpendicular briefing areas readily accessible will be designated and marked with signage. A clear foot path for escape will be designated and marked.
4. The following protective equipment for essential personnel will be located on location at rig move in:
  - A. Breathing apparatus:
    - i. Rescue Packs (1 at each briefing area and 2 stored in the designated safety equipment storage area), shall be on location,
    - ii. 4 work/escape packs shall be stored on the rig floor with sufficient hose to allow work activity,
    - iii. 4 Emergency escape packs shall be stored in the rig doghouse for emergency evacuation,

## H2S CONTINGENCY DRILLING PLAN

B. Auxiliary Rescue Equipment will be available in the designated safety equipment storage area and will include:

- i. Stretcher,
- ii. Two OSHA approved full body harnesses,
- iii. 100 feet of 5/8 inch OSHA approved rope,
- iv. 2-20# Class ABC fire extinguishers.

5. H<sub>2</sub>S detection and monitoring equipment shall be in place before drilling out surface casing. There will be a stationary detector in the rig dog house and another with the mud log equipment on the end of the flow line. Three sensors will be placed on the rig floor, the wellhead/cellar, and on the closed loop equipment. The detection level for H<sub>2</sub>S will be set at 10 ppm and the alarm will sound if any level of the gas is detected over 10 ppm.
6. Visual warning systems will be in place at rig move in and before the surface casing is drilled out. Color coded signage will be placed at the entrance to location indicating H<sub>2</sub>S is possible, and furthermore, the color will be changed should the site condition dictate. If H<sub>2</sub>S is detected, then a color coded condition flag will be displayed to indicate levels of detection. Wind socks will be placed at the location entrance and one other fully visible site to allow personnel to determine wind direction and safe escape/briefing routes.
7. The mud program utilized on this well is intended to provide sufficient density to exclude H<sub>2</sub>S from the wellbore. Furthermore, Loss Circulation Material will be added before any known loss circulation (low pressure) zones are encountered. Corrosion inhibitors are included in the mud system to prevent failures in the event H<sub>2</sub>S does enter the wellbore, and seal rings are used to prevent the use of elastomers on the wellhead equipment. In the event a rotating head is necessary, elastomers will be designed to operate in H<sub>2</sub>S conditions. Drill collars and other bottom hole assembly components are to be inspected after each well, and in the event H<sub>2</sub>S is encountered in the wellbore, drill pipe shall be inspected as well.
8. The location shall be equipped with one cell telephone in the rig doghouse, one cell telephone with the well site supervisor, two way communication devices to communicate between mud system personnel, rig floor personnel, mud log personnel, and safety personnel on location. In the event H<sub>2</sub>S is detected, a company vehicle with two way radios shall be moved into a safe briefing area and manned for communication with all vendors, company personnel or agency personnel as required.



# H2S CONTINGENCY DRILLING PLAN

## EMERGENCY PROCEDURES

### Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas, or if monitors indicate H<sub>2</sub>S is present. Escape will take place via the entry road away from the flare stack, or a foot path marked and designated before the well is spud by on site personnel. Once crews and other personnel are a safe distance, the crews will move to evacuate any persons in the Radius of Exposure, followed by blocking access to the Radius of Exposure.

There are no homes or buildings within the Radius of Exposure ("ROE"), so efforts will be concentrated on evacuating any third parties within the ROE. Immediate response will include evacuation of any persons potentially affected by toxic or flammable gasses. Once evacuation is under way, perimeter monitoring and control of access will be executed to ensure safe areas and stage areas.

In the event of a release of gas containing H<sub>2</sub>S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H<sub>2</sub>S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
  - Detection of H<sub>2</sub>S, and
  - Measures for protection against the gas,
  - Equipment used for protection and emergency response.

### Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO<sub>2</sub>). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever this is an ignition of the gas.

Characteristics of H<sub>2</sub>S and SO<sub>2</sub>

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air= 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	2.21 Air= 1	2ppm	N/A	1000 ppm

# **H<sub>2</sub>S CONTINGENCY DRILLING PLAN**

## **Contacting Authorities**

Lime Rock Resources personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. Lime Rock Resources response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER) and BLM Onshore Order #6.

## **H<sub>2</sub>S OPERATIONS**

Though no H<sub>2</sub>S is anticipated during the drilling operation, this contingency plan will provide for methods to ensure the well is kept under control in the event an H<sub>2</sub>S reading of 100 ppm or more are encountered.

Once personnel are safe and the proper protective gear is in place and on personnel, the operator and rig crew essential personnel will ensure the well is under control, suspend drilling operations and shut-in the well (unless pressure build up or other operational situations dictate suspending operations will prevent well control), increase the mud weight and circulate all gas from the hole utilizing the mud/gas separator downstream of the choke, the choke manifold and the emergency flare system located 150' from the well. Bring the mud system into compliance and the H<sub>2</sub>S level below 10 ppm, and then notify all emergency officers that drilling ahead is practical and safe.

Proceed with drilling ahead only after all provisions of Onshore Order 6, Section III.C. have been satisfied.

## H2S CONTINGENCY DRILLING PLAN EMERGENCY CONTACTS

<u><b>Company Offices -</b></u>	Lime Rock Houston Office Answering Service (After Hours) Artesia, NM Office Roswell, NM	713-292-9510 713-292-9555 575-748-9724 575-623-8424
---------------------------------	--	--

KEY PERSONNEL					
Name	Title	Location	Office #	Cell #	Home #
SID ASHWORTH	PRODUCTION ENGINEER	HOUSTON	713-292-9526	713-906-7750	713-783-1959
JERRY SMITH	ASSISTANT PRODUCTION SUPERVISOR	ARTESIA	575-748-9724	505-918-0556	575-746-2478
MICHAEL BARRETT	PRODUCTION SUPERVISOR	ROSWELL	575-623-8424	505-353-2644	575-623-4707
GARY FATHEREE	WELL SITE SUPERVISOR	ROTATES ON SITE	NA	940-389-6044	NA
GARY MCCCELLAND	WELL SITE SUPERVISOR	ROTATES ON SITE	NA	903-503-8997	NA

Agency Call List		
City	Agency or Office	Telephone Number
Artesia	Ambulance	911
Artesia	State Police	575-746-2703
Artesia	Sheriff's Office	575-746-9888
Artesia	City Police	575-746-2703
Artesia	Fire Department	575-746-2701
Artesia	Local Emergency Planning Committee	575-746-2122
Artesia	New Mexico OCD District II	575-748-1283
Carlsbad	Ambulance	911
Carlsbad	State Police	575-885-3137
Carlsbad	Sheriff's Office	575-887-7551
Carlsbad	City Police	575-885-2111
Carlsbad	Fire Department	575-885-2111
Carlsbad	Local Emergency Planning Committee	575-887-3798
Carlsbad	US DOI Bureau of Land Management	575-887-6544
State Wide	New Mexico Emergency Response Commission ("NMERC")	505-476-9600
State Wide	NMERC 24 hour Number	505-827-9126
State Wide	New Mexico State Emergency Operations Center	505-476-9635
National	National Emergency Response Center (Washington, D.C.)	800-424-8802

## H2S CONTINGENCY DRILLING PLAN EMERGENCY CONTACTS

Emergency Services				
Name	Service	Location	Telephone Number	Alternate Number
Boots & Coots International Well Control	Well Control	Houston / Odessa	1-800-256-9688	281-931-8884
Cudd Pressure Control	Well Control & Pumping	Odessa	915-699-0139	915-563-3356
Baker Hughes Inc.	Pumping Service	Artesia, Hobbs and Odessa	575-746-2757	SAME
Total Safety	Safety Equipment and Personnel	Artesia	575-746-2847	SAME
Cutter Oilfield Services	Drilling Systems Equipment	Midland	432-488-6707	SAME
Assurance Fire & Safety	Safety Equipment and Personnel	Artesia	575-396-9702	575-441-2224
Flight for Life	Emergency Helicopter Evacuation	Lubbock	806-743-9911	SAME
Aerocare	Emergency Helicopter Evacuation	Lubbock	806-747-8923	SAME
Med Flight Air Ambulance	Emergency Helicopter Evacuation	Albuquerque	505-842-4433	SAME
Artesia General Hospital	Emergency Medical Care	Artesia	575-748-3333	702 North 13 Street

**Lime Rock Resources II-A, LP**  
**Oxy Peso #1**  
**UNIT F, S24-T18S-R27E, Eddy COUNTY, NM**

**Design: Closed Loop System with roll-off steel bins (pits)**

**CRI/HOBBS** will supply (2) bins (100 bbl) volume, rails and transportation relating to the Close Loop System. Specification of the Closed Loop System is attached.

Contacts: Gary Wallace (432) 638-4076 Cell (575) 393-1079 Office

**Scomi Oil Tool: Supervisor – Armando Soto (432) 553-7979 Hobbs, NM**

Monitoring 24 Hour service

Equipment:

Centrifuges – Derrick Brand

Rig Shakers – Brandt Brand

D-watering Unit

Air pumps on location for immediate remediation process

Layout of Close Loop System with bins, centrifuges and shakers attached

Cuttings and associated liquids will be hauled to a State regulated third party disposal site (CRI or Controlled Recovery, Inc ). The disposal site permit is DFP = #R9166.

2- (250 bbl) tanks to hold fluid

2-CRI bins with track system

2-500 bbl frac tanks with fresh water

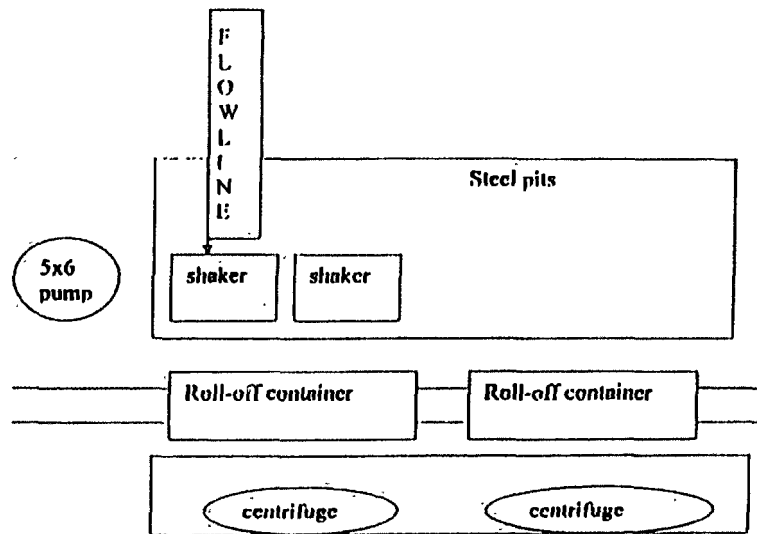
2-500 bbl frac tanks for brine water

**Operations:**

Closed Loop System equipment will be inspected daily by each tour and any necessary maintenance performed. Any leak in system will be repaired and/or contained immediately. OCD will be notified within 48 hours of any spill. Remediation process will start immediately.

**Closure:**

During drilling operations all liquids, drilling fluids and cuttings will be hauled off via CRI equipment to DFP #R9166



This will be maintained by 24 hour solids control personnel that stay on location.

**TOMMY WILSON**



**CLOSED LOOP  
SPECIALTY**

Office: 575.746.1689

Cell: 575.748.6367

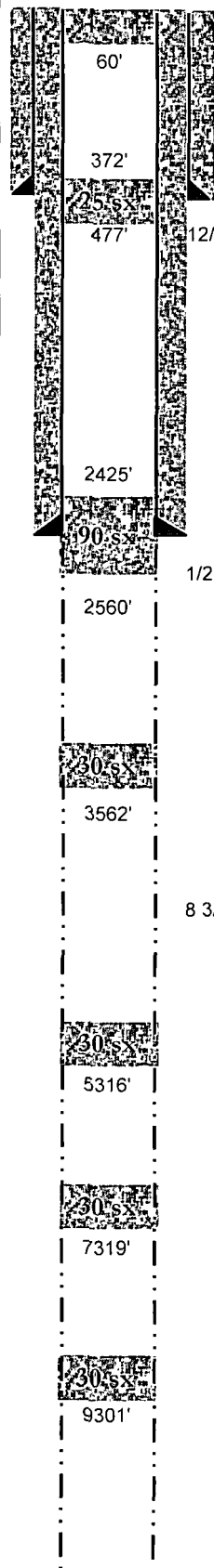


# LIME ROCK RESOURCES

EXISTING

Well Name Oxy Peso #1  
API # 30-015-34683  
Field  
County Eddy State NM  
Elevation 3,579 From GL

Sec 24 feet from  
Twn 18 S 1,650 N  
Rge 27 E 1,850 W  
Lat  
Long



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

8 3/4" Hole

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							
Production	9 5/8	36	J-55	LT&C	2,502		
Tubing							

## 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

	Formation	Top	From	S/F	To	Holes

## TVD MD

PB	MD
TD	10,489

## GEOLOGY

Formation	Depth

## SURVEY

Dev	Depth	Dev	Depth

Date 3/6/2012

Prep by

Comments

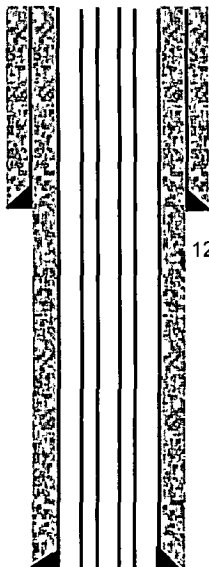


# LIME ROCK RESOURCES

## PROPOSED

Well Name **Oxy Peso #1**  
 API # **30-015-34683**  
 Field   
 County **Eddy** State **NM**  
 Elevation **3,579** From **GL**

Sec **24** feet from  
 Twn **18** S **1,650** N  
 Rge **27** E **1,850** W  
 Lat   
 Long



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' 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

Formation	Top	From	S/F	To	Holes

### TVD MD

PB	
TD	10,489

### GEOLOGY

Formation	Depth

### SURVEY

Dev	Depth	Dev	Depth

Date

Prep by

Comments