

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

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

SWD, Abo-Cisco <i>Abd-WC-Cisco SWD-1338</i>	<i>9796705</i> <i>97847</i>
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**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**

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**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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> .  Signature: <i>Jerry Smith</i> Printed name: Jerry Smith Title: Assistant Production Supervisor E-mail Address: jsmith@limerockresources.com  Date: <i>5-3-12</i>	OIL CONSERVATION DIVISION  Approved By: <i>T. C. Shepard</i> Title: <i>Geologist</i> Approved Date: <i>6/18/2012</i> Expiration Date: <i>6/18/2014</i>  Conditions of Approval Attached
Phone: 575-748-9724	

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., BOBBS, 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

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 97849 97967	Pool Name SWD; ABO-CISCO (WOLFCAMP)
Property Code 35492	Property Name OXY PESO	Well Number 1
OGRID 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
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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

GEODETC COORDINATES  
NAD 27 NME

Y=631268.3 N  
X=530511.4 E

LAT.=32°44'07.49" N  
LONG.=104°14'02.79" W

**OPERATOR CERTIFICATION**

*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.*

Signature 5-3-12  
 Date

Jerry Smith  
 Printed Name

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**SURVEYOR CERTIFICATION**

*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.*

FEBRUARY 22, 2006

Date Surveyed LA

Signature & Seal of Professional Surveyor

Certificate No. GARY EDSON 12841



**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 H2S in this area. If H2S 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.

**5M BOP SCHEMATIC**



## 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

# H2S 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

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

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

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

## H2S CONTINGENCY DRILLING PLAN EMERGENCY CONTACTS

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

**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

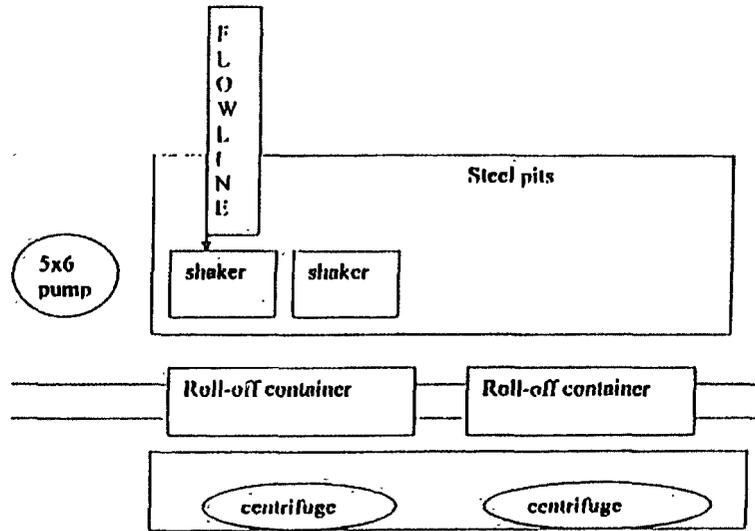
2-500 bbl frac tanks for brine water

**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

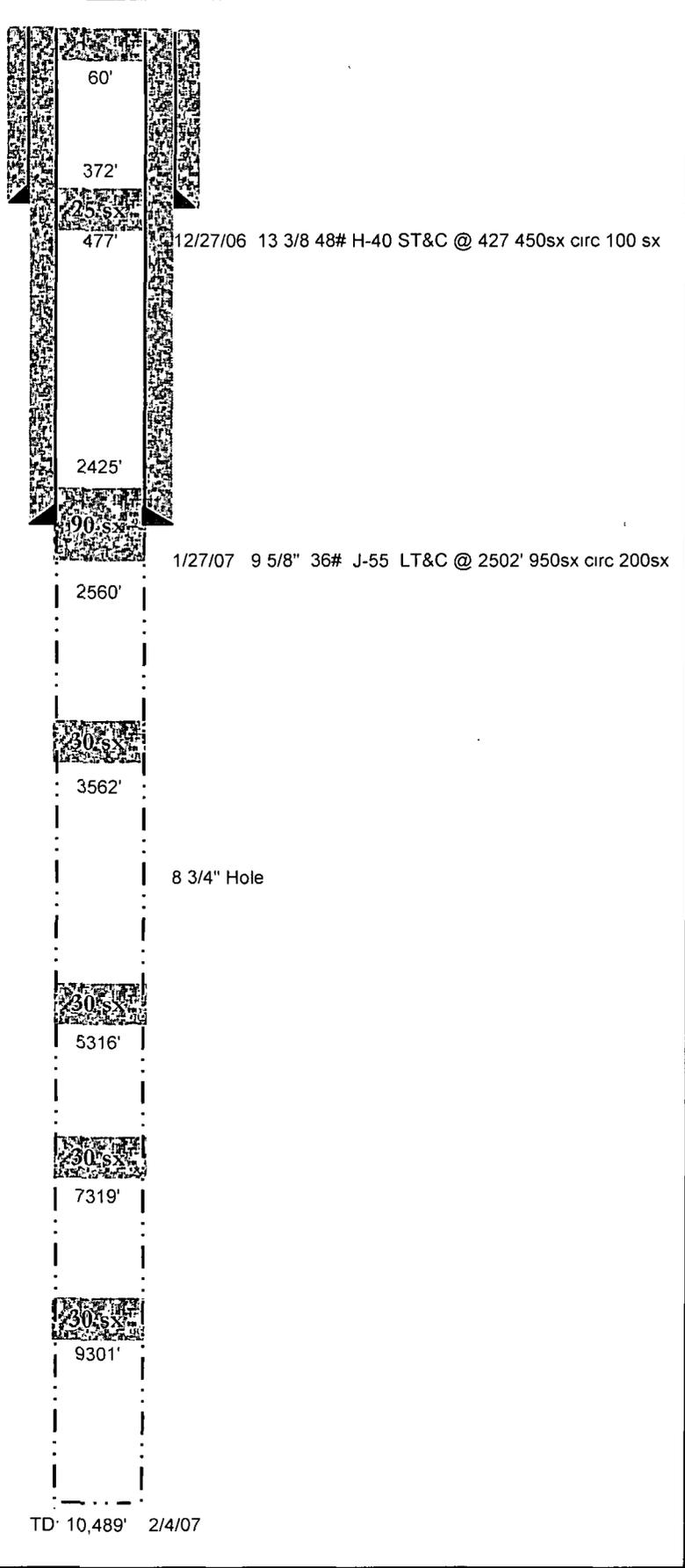


# LIME ROCK RESOURCES

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 \_\_\_\_\_



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	
AV @ 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 **3/6/2012** Prep by \_\_\_\_\_

Comments \_\_\_\_\_

