

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

ATS-12-449

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

5 Lease Serial No.  
NM-033865

6 If Indian, Allottee or Tribe Name

7 If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
Eagle 33 I Federal #17

9. API Well No.

10 Field and Pool, or Exploratory  
Red Lake; Glorieta - Yeso

11. Sec., T R. M. or Blk. and Survey or Area  
SECTION 33, T. 17 S., R. 27 E.

12 County or Parish  
EDDY

13. State  
NM

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator LIME ROCK RESOURCES II - A, L.P.

3a. Address 1111 BAGBY STREET, SUITE 4600  
HOUSTON, TX. 77002

3b Phone No. (include area code)  
713-292-9526 (SID ASHWORTH)

4 Location of Well (Report location clearly and in accordance with any State requirements \*)  
At surface 2210 FSL & 330 FEL  
At proposed prod. zone SAME

14. Distance in miles and direction from nearest town or post office\*  
7 MILES SOUTHEAST OF ARTESIA, NM.

15 Distance from proposed\* location to nearest property or lease line, ft  
(Also to nearest drig. unit line, if any)  
330 FT.

16 No. of acres in lease  
80

17. Spacing Unit dedicated to this well  
40

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft  
600 ft. northeast of staked location

19 Proposed Depth  
5000 FT.

20 BLM/BIA Bond No. on file  
NMB-000499

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
3528' GL

22. Approximate date work will start\*

23. Estimated duration  
30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office)

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).

5. Operator certification

6. Such other site specific information and/or plans as may be required by the BLM

25 Signature

*Barry W. Hunt*

Name (Printed/Typed)  
BARRY W. HUNT

Date

3/5/12

Title

PERMIT AGENT FOR LIME ROCK RESOURCES II - A, L.P.

Approved by (Signature)

*/s/ James A. Amos*

Name (Printed/Typed)

Date

JUL 3 2012

Title

FIELD MANAGER

Office

CARLSBAD FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

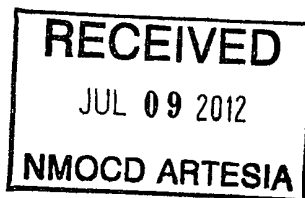
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

Roswell Controlled Water Basin

Approval Subject to General Requirements  
& Special Stipulations Attached

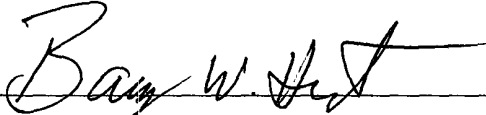


SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

## CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access road proposed herein; that I am familiar with the conditions that presently exist; that I have full knowledge of State and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or Lime Rock Resources II - A, L.P. are responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U. S. C. 1001 for the filing of false statements. Executed this 5th. day of March 2012.

Signed: \_\_\_\_\_



Printed Name: Barry Hunt

Position: Agent for Lime Rock Resources II - A, L.P.

Address: 1403 Springs Farm Place, Carlsbad, NM 88220

Telephone: (575) 361-4078

E-mail: [specialtpermitting@gmail.com](mailto:specialtpermitting@gmail.com)

Field Representative: Jerry Smith - Asst. Production Supervisor - Lime Rock Resources II - A, L.P.

Address: P. O. Box 1302, Artesia, NM 88211-1302

Telephone: Office: (575) 748-9724, Cell: (505) 918-0556

## **POWER OF ATTORNEY**

### **DESIGNATION OF AGENT**

LIME ROCK RESOURCES II-A, L.P. hereby names the following person as its agent:

Name of Agent: Barry W. Hunt d/b /a/ Special T Permitting

Agent's Address: 1403 Springs Farm Place, Carlsbad, NM 88220

Agent's Telephone Number: (575) 885-1417

### **GRANT OF SPECIAL AUTHORITY**

LIME ROCK RESOURCES II-A, L.P. grants its agent the authority to act for it with the respect to the following only:

1. Executing forms required to be filed with the Oil Conservation Division of the New Mexico Energy, Minerals, and Natural Resources Department.
2. Executive forms required to be filed with the Bureau of Land Management of the Department of Interior of the United States of America.

### **EFFECTIVE DATE**

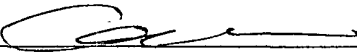
This power of attorney is effective immediately.

### **RELIANCE ON THIS POWER OF ATTORNEY**

Any person, including the agent, may rely upon the validity of this power of attorney or a copy of it unless that person knows it has terminated or is invalid.

**SIGNATURE AND ACKNOWLEDGEMENT**

LIME ROCK RESOURCES II-A, L.P.

By: 

Name: Charles Adcock

Title: Managing Director – Lime Rock Resources, G.P.


Date: 09/21/2011

Address: 1111 Bagby Street, Suite 4600, Houston, TX 77002

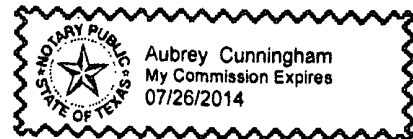
Telephone Number: (713)292-9512

State of TEXAS  
County of HARRIS

This instrument was acknowledged before me on September 21<sup>st</sup>, 2011 by Charles Adcock,  
Managing Director of LIME ROCK RESOURCES II-A, L.P. acting on behalf of said limited  
partnership.

Signature of notarial officer: 

My commission expires: 07-26-2014



District I  
1625 N. French Dr., Hobbs, 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 & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 15, 2009  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-015-40446</b>	Pool Code <b>51120</b>	Pool Name <b>Red Lake; G Lorienta Yeso</b>
Property Code <b>39321</b>	Property Name <b>EAGLE "33" I FEDERAL</b>	Well Number <b>17</b>
UGRID No. <b>277558</b>	Operator Name <b>LIME ROCK RESOURCES II A, L.P.</b>	Elevation <b>3528.1</b>

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	33	17 S	27 E		2210	SOUTH	330	EAST	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 <b>40</b>	Joint or Infill	Consolidation Code	Order No. <b>5000 7/3</b>
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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.

<p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT.</p>		<p>NE CORNER SEC. 33 LAT. = 32.7978459°N LONG. = 104.2744050°W</p>	
		<p>E Q CORNER SEC. 33 LAT. = 32.7905611°N LONG. = 104.2744092°W</p>	
<p>EAGLE "33" I FEDERAL #17 ELEV. = 3528.1' LAT. = 32.7893602°N (NAD27) LONG. = 104.2754833°W</p>		<p>330' SURFACE LOCATION</p>	
<p>SW CORNER SEC. 33 LAT. = 32.7835691°N LONG. = 104.2915420°W</p>	<p>S Q CORNER SEC. 33 LAT. = 32.7833264°N LONG. = 104.2827953°W</p>	<p>SE CORNER SEC. 33 LAT. = 32.7832809°N LONG. = 104.2744106°W</p>	

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Barry W. Hunt* 3/2/12  
Signature Date  
Printed Name **Barry W. Hunt**

**18 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.

OCTOBER 12, 2011  
Date of Survey  
*Frank J. Ramirez*  
Signature and Seal of Professional Surveyor  
Certificate Number **FILMONT F. JARA III, P.L.S. 12797**  
SURVEY NO. 624R

LIME ROCK RESOURCES II – A, L.P.  
DRILLING PLAN

EAGLE 33 I FEDERAL #17  
2210' FSL & 330' FEL  
Unit "I" Section 33-17S-27E  
Eddy County, NM

1. The elevation of the unprepared ground is 3,528.1' feet above sea level.
2. The geologic name of the surface formation is Quaternary - Alluvium.
3. A rotary rig will be utilized to drill the well to 5,000' and run casing. This equipment will then be rigged down and the well will be completed with a workover rig.
4. Proposed total depth is TD: 5,000'.
5. Estimated tops of geologic markers:

Quaternary – Alluvium	Surface
Seven rivers	315'
Queen	827'
Grayburg	1,206'
Premier	1,413'
San Andres	1,489'
Glorieta	2,824'
Yeso	2,894'
TD	5,000'

6. Estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered:

Triassic	Water	80'-230'
Seven Rivers	Oil	315'
Queen	Oil	827'
Grayburg	Oil	1206'
San Andres	Oil	1489'
Glorieta	Oil	2824'
Yeso	Oil	2894'
TD		5000'

7. The proposed casing program is as follows:

*See* Surface: 12 1/4" Hole. 8/5/8" Casing, 24# J-55 ST&C, new casing set from  
*COA* 0' – ~~450'~~ **360'**  
Tension SF 2.0, Collapse SF 1.2, Burst SF 1.18.

03/14/12

Eagle 33 I Federal #17

Production: 7 7/8" Hole. 5-1/2" Casing, 17# J-55 LT&C, new casing set from 0' – 5000'

Tension SF 2.0, Collapse SF 1.2, Burst SF 1.18.

8. Casing setting depth and cementing program:

- a. 8-5/8" surface casing set at ~~450'~~<sup>360</sup>. Circulate cement to surface with 340 sx Class "C" cement + 0.25 lbs/sk Cello Flake + 2% CaCl<sub>2</sub>. 14.8 ppg, 1.35 cf/sk yield. TOC Surface. 150 % excess.
- b. 5-1/2" production casing set at 5,000'. Lead: 310 sx (35:65) Poz/CL C cement + 5% NaCl + 0.125 lbs/sk Cello Flake + 5 lbs/sk LCM-1 + 0.2% R-3 + 6% Gel. 12.8 ppg, Yield 1.903 cf/sk.  
Tail: 575 sx Class C with 0.25% R-3 + ¼ pps Cello Flake. 14.8 ppg. Yield 1.33. TOC Surface. 100 % excess.

9. Pressure Control Equipment

The blowout preventor equipment (BOP) will consist of a 11", 2000 psi double ram type preventor, a bag-type (Hydril) preventor, and rotating head. Both units will be hydraulically operated and the ram type preventor will be equipped with blind rams on top and drill pipe rams on bottom. A 2M BOP, with a 11" bore size, will be installed on the 8-5/8" surface casing and utilized continuously until total 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 drillers log.

10. Mud Program:

0' – 450'	Fresh Water mud. 8.5 to 9.2 ppg Mud weight, Vis 28 to 34, pH 10, WL NC. Pump rate: 300-350 gpm. LCM as required.
450' – 4,700'	Brine water. 9.9 to 10.2 ppg, Mud weight, Vis 30 to 32, pH 10 to 11.5, WL NC. Solids less than 1%. Pump rate: 350-400 gpm. Salt gel, & MF as required. Pmp Hi Vis sweeps to control solids.
4,700' – 5,000'	Brine, Salt Gel and Starch. 9.9 to 10.2 ppg, Mud Weight, Vis 32 to 35, pH 10 to 11.5, WL control 15-20 cc with starch. Solids less than 1%. Pump rate: 400-450 gpm. Salt gel, acid & MF as required. Pmp Hi Vis sweeps to control solids.

11. Testing, Logging and Coring Program: *See COA*

Testing program: No drillstem tests are anticipated.

Electric logging program: TD – Surface Casing: GR-DLL, GR-CND. 450' to surface: G/R/Neutron.

Coring program: None.

12. Potential Hazards:

No abnormal pressures or temperatures are expected. 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 2200 psi based on 0.44 x TD. The estimated BHT 105 degree F.

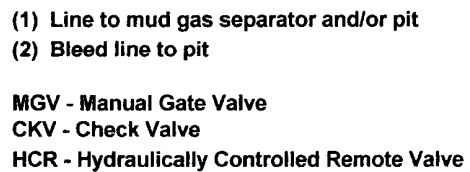
13. Anticipated Starting Date and Duration of Operations:

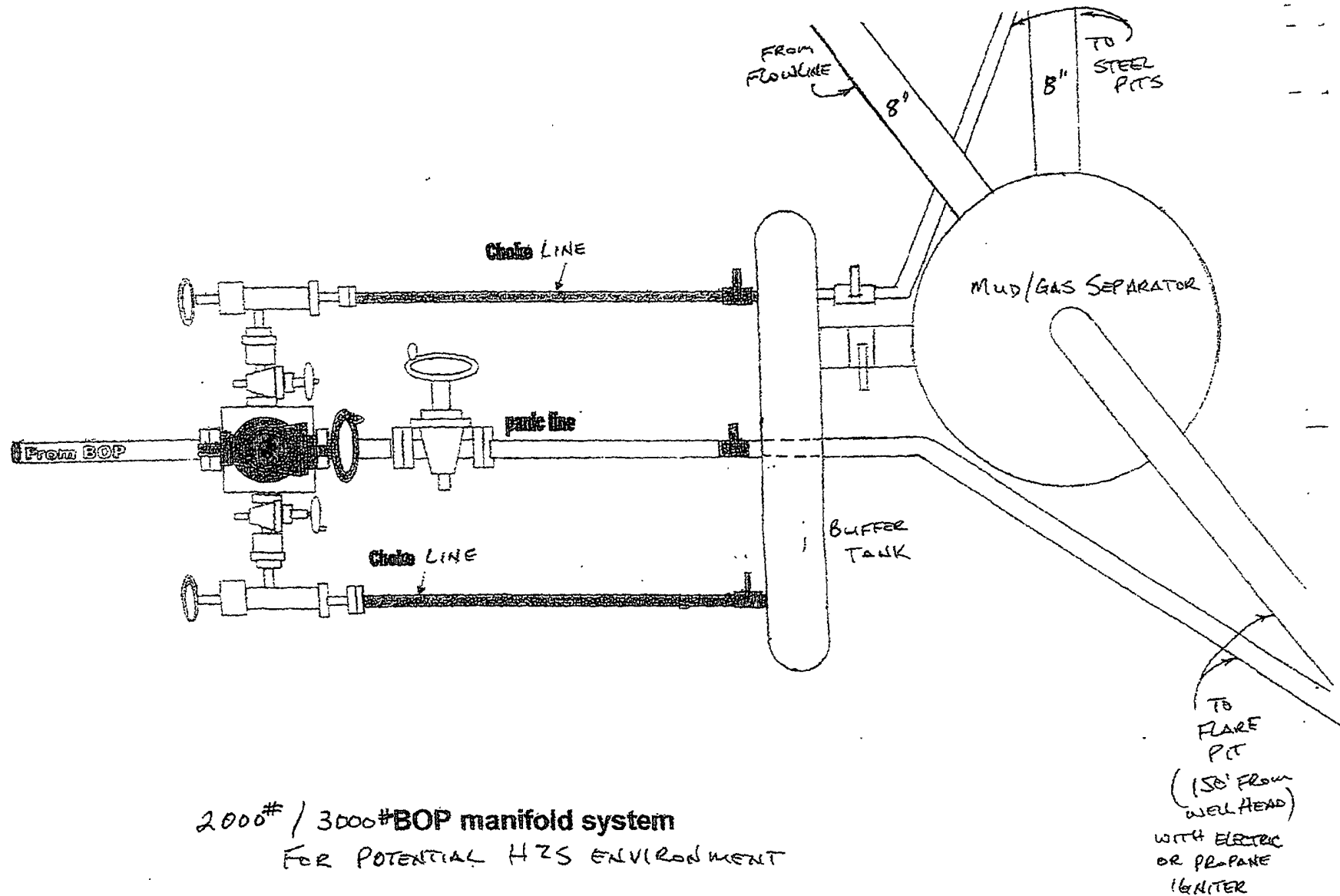
Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be soon after BLM approval and as soon as a rig will be available.

Move in operations and drilling is expected to take 32 days. An additional 30 days will be needed to complete the well and to construct surface facilities.



1





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

CRI/Hobbs will supply (2) bins ( ) volume, rails and transportation relating to the Close Loop system. Specifications of Close Loop System attached.

Contacts: Gary Wallace 432-638-4076 Office # 575-393-1079

**Scomi Oil Tool: Supervisor: Armando Soto – 432-553-7978 Hobbs, NM**

Monitoring 24 hour service

Equipment:

Centrifuges (brand): Derrick

Rig Shakers (brand): Brandt

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 (Controlled Recovery, Inc.) Disposal Facility Permit # R9166

2-250 bbl tanks to hold fluid

2- CRI Bins with track system

2- 500 bbl frac tanks for fresh water

2-500 bbl frac tanks for brine water

**OPERATIONS:**

Closed Loop equipment will be inspected daily by each tour and any necessary maintenance performed.

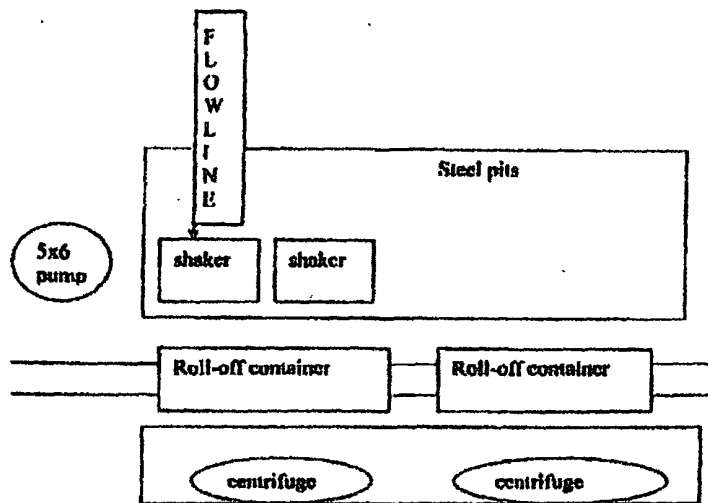
Any leak in system will be repaired and or/contained immediately

OCD will be notified within 48 hours of the spill.

Remediation process started immediately

**CLOSURE:**

During drilling operations all liquids, drilling fluids and cuttings will be hauled off via CRI (Controlled Recovery Incorporated) Disposal Facility Permit # R9166



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

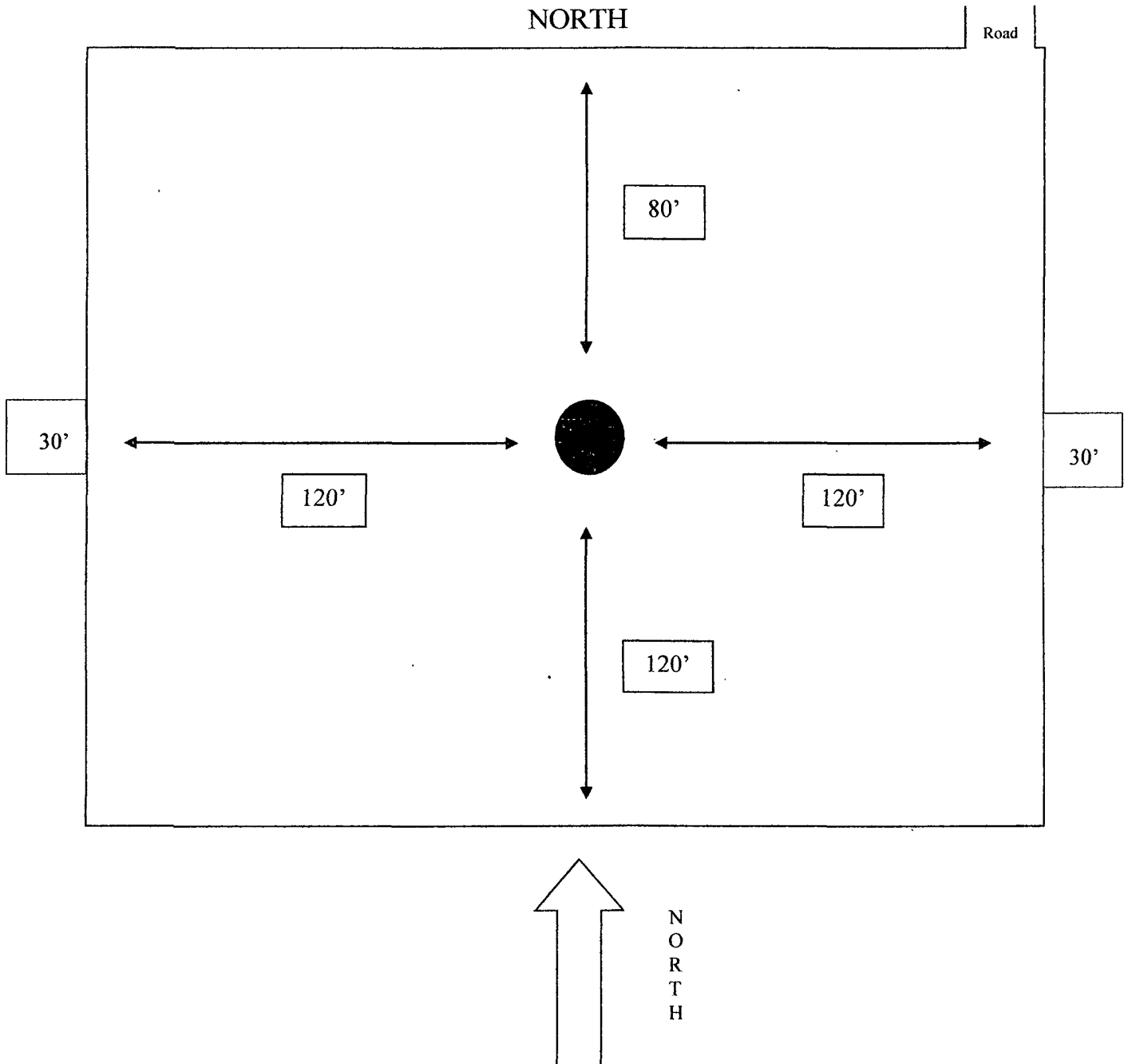
**TOMMY WILSON**  
**CLS**  
**CLOSED LOOP**  
**SPECIALTY**

Office: 575.744.1609

Cell: 575.749.6367

**EXHIBIT 'C'**

**Rig Plat Only  
EAGLE 33 I FEDERAL #17  
V-DOOR EAST**



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

**Eagle 33 | Federal #17**

### **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 2000 psi well control system will be in place and tested by a third party to 250 psi low pressure and 2000 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,

## H<sub>2</sub>S 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 Answering Service (After Hours) Artesia, NM Office Roswell, NM	713-292-9510 713-292-9555 575-748-9724 575-623-8424
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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

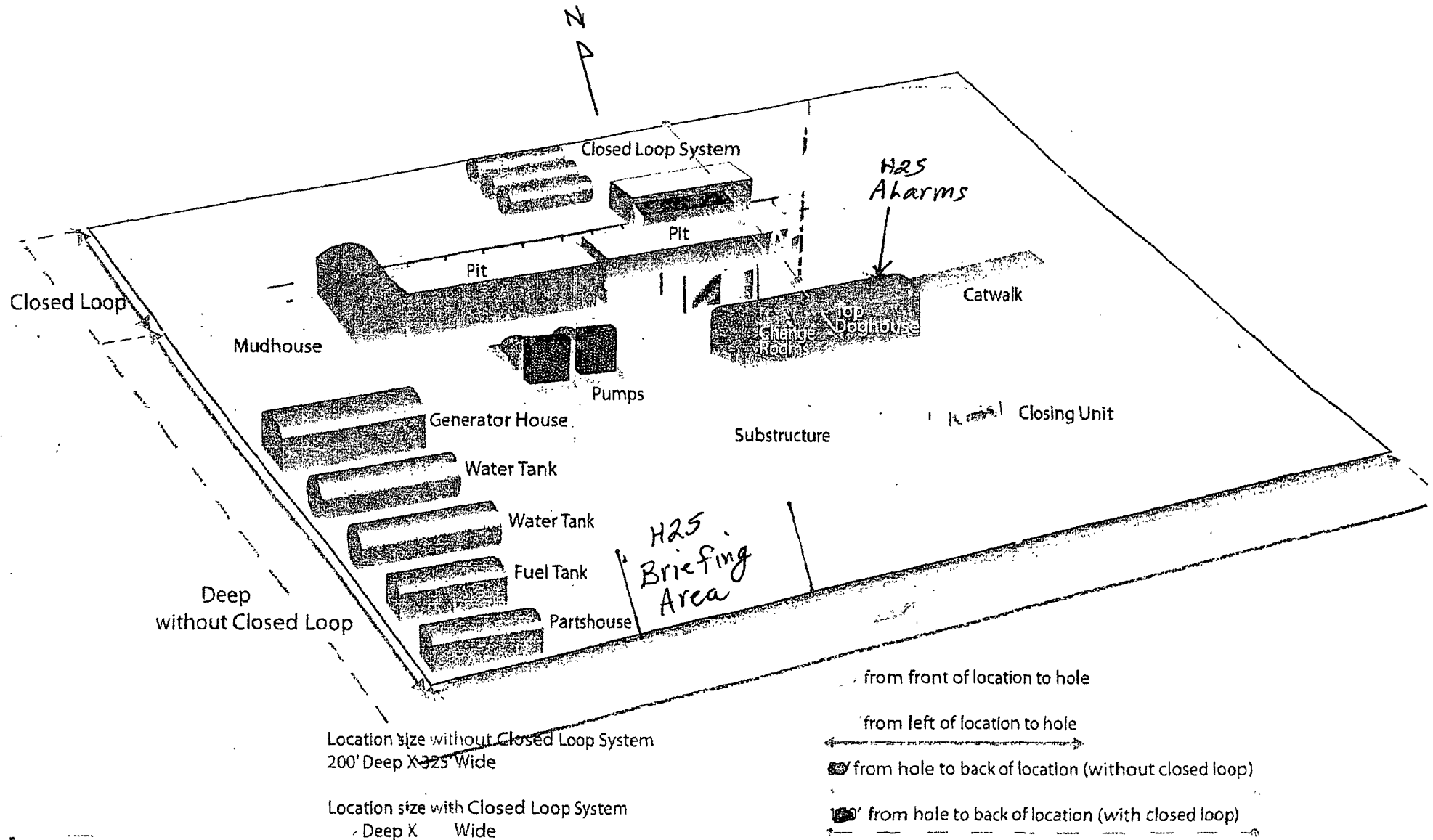
Agency Call List		
City	Agency or Office	Telephone Number
Artesia	Ambulance	911
Artesia	State Police	575-746-2703
Artesia	Sheriff's Office	575-746-9888
Artesia	City Police	575-746-2703
Artesia	Fire Department	575-746-2701
Artesia	Local Emergency Planning Committee	575-746-2122
Artesia	New Mexico OCD 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

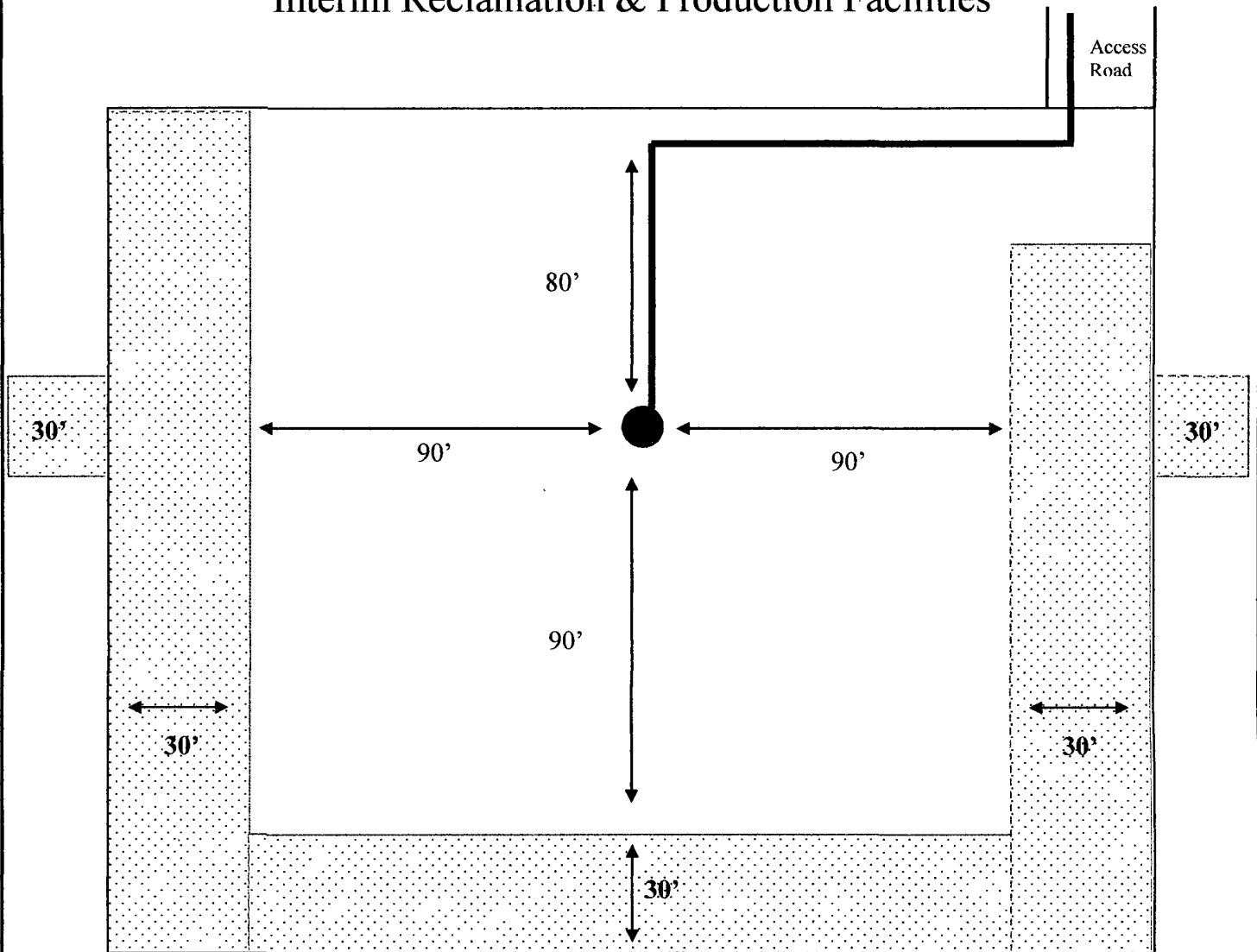
301 SOUTH CANAL  
(575)-234-3341

# H2S Briefing Areas & Alarm Locations



## EXHIBIT 'D'

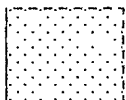
### Interim Reclamation & Production Facilities



#### LEGEND

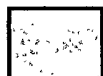


Well Bore



Interim Reclamation

#### Production Facilities



Flowline



NORTH

## PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME:	LIME ROCK RESOURCES II A LP
LEASE NO.:	NM033865
WELL NAME & NO.:	17 EAGLE 33 FEDERAL
SURFACE HOLE FOOTAGE:	2210' FSL & 330' FEL
BOTTOM HOLE FOOTAGE	
LOCATION:	Section 33, T.17 S., R.27 E., NMPM
COUNTY:	Eddy County, New Mexico

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Standard Conditions of Approval (COA) apply to this APD. If any deviations to these standards exist or special COAs are required, the section with the deviation or requirement will be checked below.

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- ☐ **Archaeology, Paleontology, and Historical Sites**
- ☐ **Noxious Weeds**
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- ☐ **Construction**
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  - Topsoil
  - Closed Loop System
  - Federal Mineral Material Pits
  - Well Pads
  - Roads
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  - Waste Material and Fluids
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  - Pipelines
  - Electric Lines
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