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

RECEIVED FEB 08 2013 **NMOCD ARTES!A**

Form C-101 Revised December 16, 2011

Permit

| APl | PLICA | TION | FOR PERMI | т то | DRILL, R | E-ENTE | R, DEEP | EN, PLUGB | | R ADD A ZONE |
|-----------------------------|--|---------------------|--|-----------|---------------------------------------|-------------------|---------------|--|---|--|
| | <u>, </u> | | Operator Name a | | • | | | | ² OGRID Ni | • |
| | 111 | 1 Bagby | Street, Suite 4600 | Hous | ton, Texas 770 |)42 | | 2/2 / | 28199 <u>4</u> API Nyn ثرر | |
| 4 Prope | rty Code | | <u> </u> | | ³ Property | Name | | 3001 | 3-4 | Well No |
| , , . | rty Code 309901 | | | | AID 24 | State | | | | #27 |
| | | | | | ⁷ Surfa | ce Locati | o n | | | |
| UL - Lot N | Section 24 | Township 17S | Range 28E | Lot | Idn Feet | | N/S Line S | Feet From 2390 | E/W Line | County Eddy |
| IN | . 24 | 173 | . 200 | | | nformati | | 2390 | w | Eddy |
| | | | | | 100.1 | | | | | · · · · · · · · · · · · · · · · · · · |
| Empire, Glorieta | -Yeso | | | | Additional V | Vall Info | mation | <u></u> | | 96210 |
| ⁹ Wor | к Туре | | 10 Well Type | | · 11 Cable/ | | | 12 Lease Type | 13 | Ground Level Elevation |
| | N | | 0 | _ | R | | | S | | 3679.1 |
| | iltiple V | | ¹⁵ Proposed Depth 5400' TVD / 5422' MI |) | ¹⁶ Form Yes | | Un | ¹⁷ Contractor nited Drilling, Inc. | | ¹⁸ Spud Date After 2/25/2013 |
| Depth to Grou | nd water: | 55 Feet | Distar | nce from | nearest fresh water | r well: 0.97 Mile | es | Distance t | to nearest sur | face water: 11.03 Miles |
| | | | 19 | Prop | osed Casing | g and Cen | nent Pro | gram | | |
| Туре | Hol | e Size | Casing Size | Ca | sing Weight/ft | Setti | ng Depth_ | Sacks of C | Cement | Estimated TOC |
| Conductor | | 20" | 14" | | 68.7 | | 40 | | Mix | Surface |
| Surface | 12 | 2-1/4" | 8-5/8" | | 24 | 490 | | 325 | | Surface |
| Production | . 7- | -7/8" | 5-1/2" | | 17 | | . 5422 | | | Surface |
| | | · | | | | <u> </u> | | | | · |
| | | | | .~ | | | | | | |
| | | | Casin | ig/Cei | nent Progr | am: Addi | tional Co | omments | | |
| | | | F | ropo | sed Blowou | t Prevent | ion Prog | | | |
| | Туре | | | Vorking 1 | | | Test Pres | | | Manufacturer |
| | XLT 11" | | | 500 | | | 2000 | | | National Varco |
| | | | | | · . | | | | | |
| | | | | | · · · · · · · · · · · · · · · · · · · | | | | • | |
| of my knowle I further cert | dge and be | lief. e drilling | given above is true | ted acco | rding to | | OIL C | CONSERVAT | ION DIV | VISION |
| NMOCD guid OCD-approv | | | l permit 🔲, or an (| attached | l) alternative | Approved B | y: / / | . 0/ | , | |
| Signature: | Emi | 1. nuc | lustry | 0_ | | | 1.6.0 | Majora | | |
| Printed name: | Eric McC | lusky | | | | Title: | Godo | x15,t | | , , |
| Title: Produc | tion Engine | eer | | | | Approved D | ate: 2/1 | 1/20/3 B | piration Dat | EZ/11/2015 |
| E-mail Addre | ss: emcclu | ısky@limer | ockresources.com | | | | | | | |
| Date: 2 | 16/1 | 3 | Phone: 713-36 | 60-5714 | | Conditions of | of Approval A | ttached | | |

District I

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State of New Mexico

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

District Office

Submit one copy to appropriate

☐ AMENDED REPORT

Revised August 1, 2011

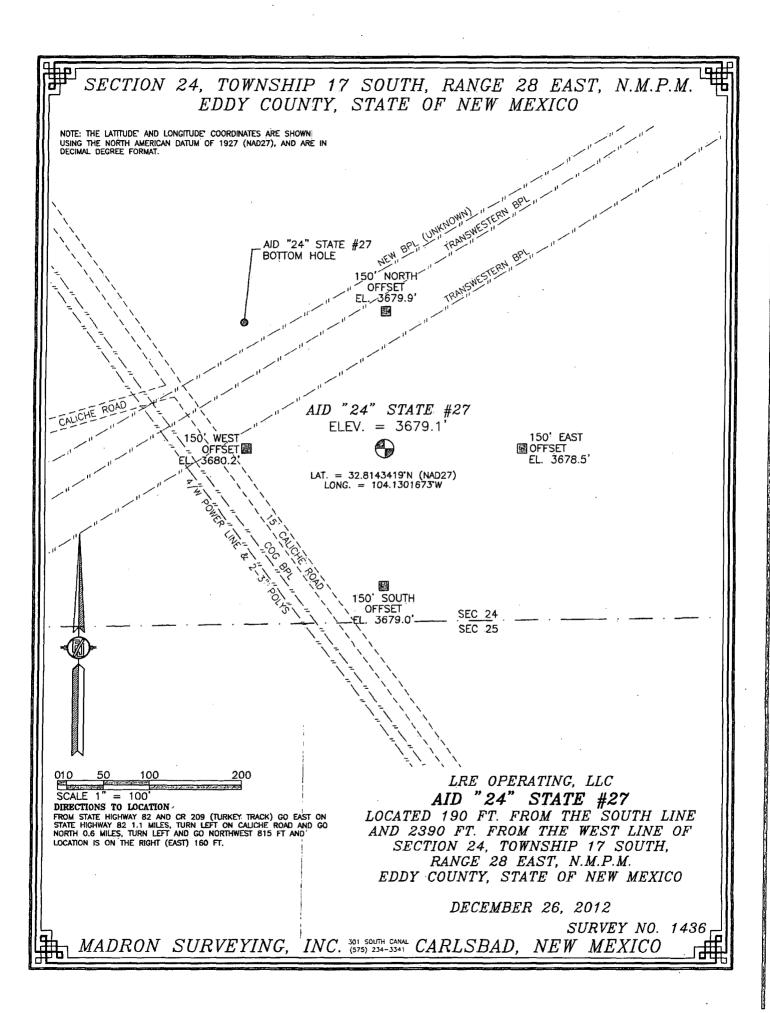
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

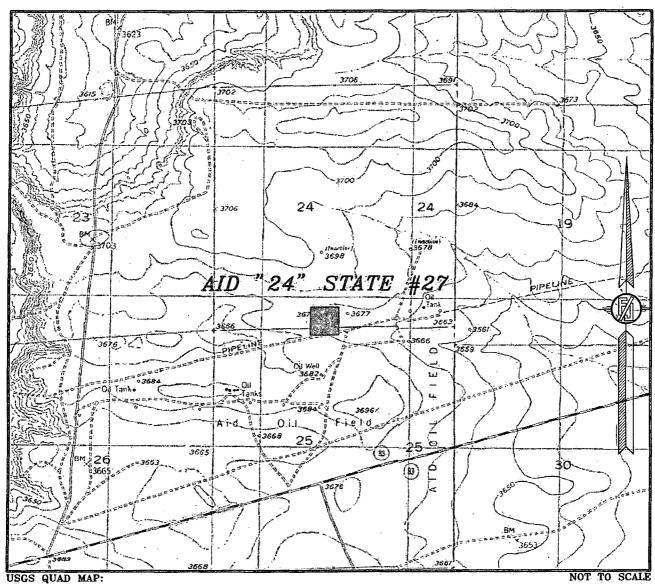
| 30-0 | API Number | 41082 | 9 | 6 2 0 0 | | Empire; 60 | orieta - YE | ime = 50 | |
|------------------------------|-----------------------|----------------|--------------|------------|-----------------------|------------------|---------------|----------------|------------------------|
| Property | Code | | - | | , | 6 Well Number | | | |
| 309901 | | | | | AID "24" | STATE | | ĺ | 27 |
| 7 OGRID | No. | | | | 8 Operator | Name | | | ⁹ Elevation |
| 28199 | 4 . | | | I | LRE OPERAT | ring, llc | | | 3679.1 |
| | | | | | ¹⁰ Surface | Location | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| N | 24 | 17 S | 28 E | | 190 | SOUTH | 2390 | WEST | EDDY |
| | | | " Bc | ttom Ho | le Location I | f Different From | n Surface | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| N | 24 | 17 S | 28 E | | 330 | SOUTH | 2235 | WEST | EDDY |
| ² Dedicated Acres | ¹³ Joint o | r Infill 14 Co | onsolidation | Code 15 Or | der No. | | • | | |

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.

| | S89'35'51"W | 2598.42 FT | S89'35'58"W | 2598.48 FT | | "OPERATOR CERTIFICATION |
|-------------|--|-------------|---|--|-------------|---|
| ĺ | NW CORNER SEC. 24 | N/4 CORN | ER SEC. 24 | NE CORNER SEC. 24 |] | I hereby certify that the information contained herein is true and complete |
| 1 | LAT. = 32.8284018'N | | 2!8284384 N D4.1293585 W | LAT. = 32.8284742'N LONG. = 104.1208994'W | | to the best of my knowledge and belief, and that this organization either |
| 1 | LONG. = 104.1378174'W | LUNG. = I | J 4 .1293060 W | LONG. ~ 104.1200834 W | | owns a working interest or unleased mineral interest in the land including |
| | | ľ | | | - | the proposed bottom hole location or has a right to drill this well at this |
| l g | | | 1 | | 00. | location pursuant to a contract with an owner of such a mineral or working |
| 500.10 18 | | , | 1 | | N00'01'04"E | interest, or to a voluntary pooling agreement or a compulsory pooling |
| ã | | | 1 | | 4 E | order heretofore entered by the division. |
| W 266 | | | | | 2656 | Evic Mc(lugky Date Evic Mc(lugky |
| 2662.82 FT | 1 | | NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH | | .60 FT | Eric nellugky |
| | | | AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT. | | | Emc((KKYQ (ime rock rosavcos |
| | W/4 CORNER SEC. 24 LAT. = 32.8210826 N | | | E/4 CORNER SEC. 24 LAT. = 32.8211721'N | | |
| | LONG. = 104.1378594 W | • | | LONG. = 104.1209194'W | | *SURVEYOR CERTIFICATION |
| - | ĺ | |] | | | I hereby certify that the well location shown on this |
| | 1 | | j | | z | plat was plotted from field notes of actual surveys |
| Soo | ' | | | | N00'04'07 | made by me or under my supervision, and that the |
| 30 | BOTTOM | OF HOIF | , | |)4'0 | same is true and correct to the best offiny belief. |
| S00'30'33'W | LAT. = 32.8 | 3147217'N | AID "24" STATE | #27 | 7"E | DECEMBER 26, 2012 W |
| | | 4.1306668'W | ELEV = 3679.1' LAT. = 32.814341 | 9'N (NAD27) | 2 | DECEMBER 20/20/2 |
| 2669 | | HOLE \ | LONG! = 104.130 | 673 ' W | 2649 | Date of Survey! |
| 9.62 | 1 | | SURFACE LOCATION | | 88 | |
| 긔 | SW CORNER SEC. 24 LAT. = 32.8137451'N | \ 0 | 5. | | 긔 | Jan 10 10 man |
| | LONG. = 104.1379528W | 330, | | | 4 | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| | 2235' | | 5/4 CORNER SEC. 24 | SE CORNER SEC. 24 LAT. = 32.8138885 N | | Signature and Seal of Brotessional Surveyor |
| | 2390' | | AT. = 32.8138267'N ONG. = 104.1294272'W | LONG: = 104.1209471 W | Ч | Certificate Number: PILITION F.DARAMILLO, PLS 12797 |
| ' | N89'14'31"E | 2619.44 FT | N89'23'34"E | 2605.41 FT | | SURVEY NO. 1436 |



SECTION 24, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



USGS QUAD MAP: RED LAKE, RED LAKE SE

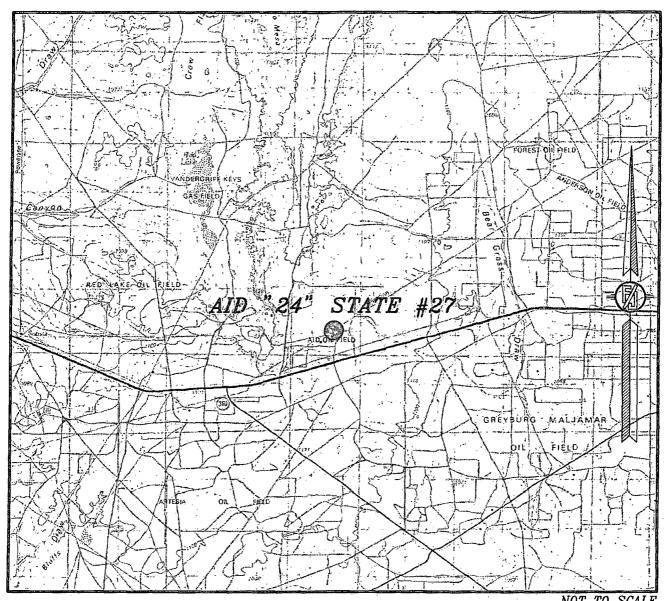
LRE OPERATING, LLC AID "24" STATE #27 LOCATED 190 FT. FROM THE SOUTH LINE AND 2390 FT. FROM THE WEST LINE OF SECTION 24, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 26, 2012

SURVEY NO. 1436

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 24, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO VICINITY MAP



NOT TO SCALE

LRE OPERATING, LLC

AID "24" STATE #27

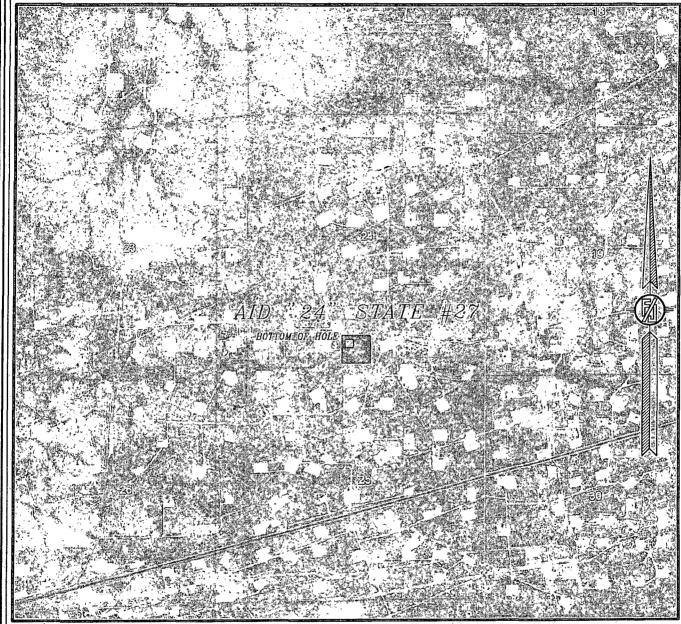
LOCATED 190 FT. FROM THE SOUTH LINE
AND 2390 FT. FROM THE WEST LINE OF
SECTION 24, TOWNSHIP 17 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 26, 2012

SURVEY NO. 1436

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SECTION 24, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO AERIAL PHOTO



NOT TO SCALE AERIAL PHOTO: GOOGLE EARTH JUNE 2011

LRE OPERATING, LLC

AID "24" STATE #27

LOCATED 190 FT. FROM THE SOUTH LINE
AND 2390 FT. FROM THE WEST LINE OF
SECTION 24, TOWNSHIP 17 SOUTH,
RANGE 28 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 26, 2012

SURVEY NO. 1436

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

LRE Operating, LLC Drilling Plan

AID 24 State #27 190' FSL 2390' FWL N-S24-T17S-R28E Eddy County, NM

- 1. The elevation of the unprepared ground is 3679.1' 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 5400' and run casing. This equipment will be rigged down and the well will be completed with a workover rig.
- 4. Proposed total depth is 5422' MD / 5400' TVD.
- 5. The KOP for directional drilling will be at 600'. See directional plan for detail. Well will be drilled to total depth of 5422' MD / 5400' TVD inside a 30' X 30' square target inside of 40 acre spacing regulatory guarter-guarter setback distances.
- 6. Estimated tops of geologic markers:

| | MD | TVD |
|-----------------------|---------|---------|
| Quaternary – Alluvium | Surface | Surface |
| Yates | 688 | 688 |
| 7 Rivers | 946 | 944 |
| Queen | 1537 | 1518 |
| Grayburg | 1931 | 1909 |
| Premier | 2203 | 2181 |
| San Andres | 2233 | 2211 |
| Glorieta | 3631 | 3609 |
| Yeso | 3715 | 3693 |
| Tubb | 5158 | 5136 |
| TD | 5422 | 5400 |

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

| | MD | TVD |
|------------|------|------|
| Yates | 688 | 688 |
| 7 Rivers | 946 | 944 |
| Queen | 1537 | 1518 |
| Grayburg | 1931 | 1909 |
| Premier | 2203 | 2181 |
| San Andres | 2233 | 2211 |
| Glorieta | 3631 | 3609 |
| Yeso | 3715 | 3693 |
| Tubb | 5158 | 5136 |
| TD | 5422 | 5400 |

8. Proposed Casing and Cement program is as follows:

| Туре | Hole Size | Casing Size | Wt | Grade | Thread | Depth | Sx | Density | · Yield | Components |
|------------|--------------|-------------|------|------------|--------|-------|-----|---------|---------|---|
| Conductor | 20" | 14" | 68.7 | Weld ed | В | 40 | | | | Ready Mix |
| | | | | | | | | | | |
| Surface | 12-1/4" | 8-5/8" | 24 | ST&C | J-55 | 490 | 325 | 14.8 | 1.35 | CI C Cmt + 0.25 lbs/sk Cello Flake + 2% CaCl2 |
| | | | | | | - | | | | |
| Production | 7-7/8" | 5-1/2" | 17 | LT&C | J-55 | 5422 | 350 | 12.6 | 1.903 | (35:65) Poz/CI C Cmt + 5% NaCl + 0.25 lbs/sk Cello Flake + 5 lbs/sk LCM-1 +0.2% R-3 + 6% Gel |
| | <u> </u> | | | | | | 625 | 14 | 1.33 | Class C w/ 0.6% R-3 and 1/4 pps cello flake |
| | | | | | | | | | | |
| | | | | | | | | | | , |
| | | | | | | | | | | |
| | <u></u> | | • | • | | | | | | |

9. Proposed Mud Program is as follows

| Depth | 0-490 | 490-5250 | 5250-5422 |
|------------|-----------------|---|--|
| Mud Type | Fresh Water Mud | Brine | Brine, Salt Gel, & Starch |
| Properties | | | |
| MW | 8.4-9.2 | 9.8-10.1 | 9.9-10.1 |
| рН | 9.0-10.5 | 10-12 | 10.0-12.0 |
| WL | NC | NC | 20-30 |
| Vis | 28-34 | 28-29 | 32-34 |
| МС | NC | NC | <2 |
| Solids | NC | <2 | <3 |
| Pump Rate | 300-350 | 375-425 | 400-425 |
| Special | | Use Poymers sticks and MF-55 Hi-Vis Sweeps as necessary | Hi Vis Sweeps, add acid and starch as req. Raise Vis to 35 for log. |

10. Pressure Control Equipment: See Attached Description and diagram of Pressure Control Equipment.

11. Testing, Logging and Coring Program

Testing Program: No drill stem tests are anticipated

Electric Logging Program: SGR-DLL-CDL-CNL Quad Combo from 5422' to surf. Csg. SGR-CNL to

Surf.

Coring Program: No full or sidewall cores are anticipated.

12. 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 2376 psi based on 0.44 x TD. The estimated BHT is 125 degrees F.

13. 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 10 days. An additional 14 days will be needed it complete the well and to construct surface facilities.

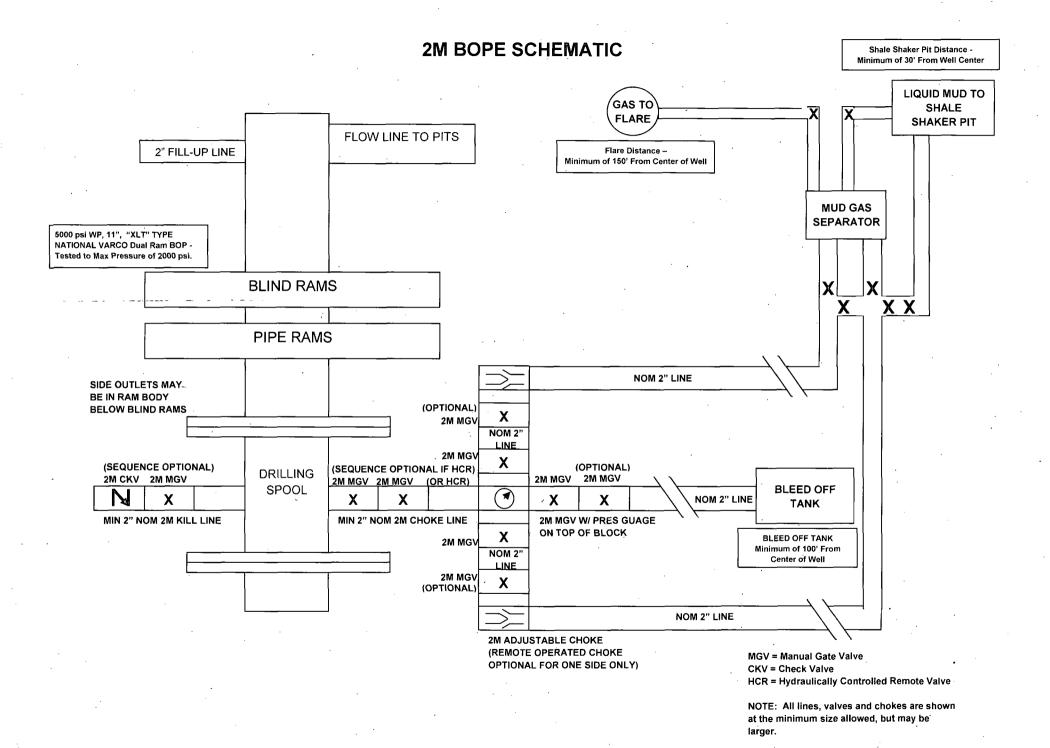
Pressure Control Equipment

The blowout preventer equipment (BOP) will consist of a 5000 psi rated, "XLT" type, National VARCO double ram preventer that will be tested to a maximum pressure of 2000 psi. The unit will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and drill pipe rams on bottom. The 2M BOP 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. This also includes a thirty day (30) test, should the rig still be operating on the same well in thirty days.

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:

- Double ram with blind rams (top) and pipe rams (bottom),
- Drilling spool, or blowout preventer with 2 side outlets (choke side shall be a 2" minimum diameter, kill side will be at least 2 inch diameter),
- Kill line (2 inch minimum),
- A minimum of 2 choke line valves (2 inch minimum),
- 2 inch diameter choke line,
- 2 kill valves, one of which will be a check valve (2 inch minimum),
- 2 chokes, one of which will be capable of remote operation,
- pressure gauge on choke manifold,
- Upper Kelly cock valve with handle available,
- Safety valve and subs to fit all drill string connections in use.
- All BOPE connections subjected to well pressure will be flanged, welded, or clamped,
- A Fill-up line above the uppermost preventer.



LRE Operating, LLC AID 24 State #27

HYDROGEN SULFIDE (H2S) CONTINGENCY DRILLING PLAN

Assumed 100 ppm ROE = 3000'
100 ppm H2S concentration shall trigger activation of this plan.

This is an open drilling site. H_2S monitoring equipment and emergency response equipment will be rigged up and in use when the company drills out from under surface casing. H_2S monitors, warning signs, wind indicators and flags will be in use.

EMERGENCY PROCEDURES

Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas, or if monitors indicate H₂S 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 H2S, 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 H2S 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
 - o Detection of H2S, and
 - o Measures for protection against the gas,
 - o Equipment used for protection and emergency response.

H2S CONTINGENCY DRILLING PLAN EMERGENCY CONTACTS

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (S02). 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 H2S and S02

| Common Name | Chemical Formula | Specific Gravity | Threshold Limit | Hazardous Limit | Lethal Concentration |
|---------------------|---------------------|------------------|--------------------|--------------------|-------------------------|
| Hydrogen Sulfide | H ₂ S | 1.189 Air= 1 | 10 ppm | 100 ppm/hr | 600 ppm |
| Sulfur Dioxide | S0 ₂ | 2.21 Air= 1 | 2ppm | N/A | 1000 ppm |

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.

H₂S Operations

Though no H_2S 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_2S 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_2S level below 10 ppm, 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

Company Offices -

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 PERSONI | NEL | .\ | | \ | |
|--------------------|---------------------------------------|--------------------|--------------|--------------|-----------------|
| Name | Title | Location | Office # | Cell # | Home # |
| SID ASHWORTH | OPERATIONS MANAGER | HOUSTON | 713-292-9526 | 713-906-7750 | 713-783-1959 |
| SPENCER COX | PRODUCTION ENGINEER | HOUSTON | 713-292-9528 | 432-254-5140 | SAME AS CELL |
| ERIC MCCLUSKY | PRODUCTION ENGINEER | HOUSTON | 713-360-5714 | 405-821-0534 | 832-491-3079 |
| 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 |
| DALW KENNARD | WELL SITE SUPERVISOR | ROTATES ON SITE | NA | 575-420-1651 | NA |
| GARÝ MCCELLAND | WELL SITE SUPERVISOR | ROTATES ON SITE | NA | 903-503-8997 | NA |
| BRAD TATE | WELL SITE SUPERVISOR | ROTATES ON SITE | NA | 575-441-1966 | NA |
| DAVE WILLIAMSON | WELL SITE SUPERVISOR | ROTATES ON SITE | NA NA | 575-308-9980 | . 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 Huges 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 | Alburquerque | 505-842-4433 | SAME | | | |
| Artesia General Hospital | Emergency Medical Care | Artesia | 575-748-3333 | 702 North 13 Street | | | |

LRE Operating, LLC AID 24 State #27 UNIT N, S24-T17S-R28E, 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.

