#### <u>District I</u> 1625 N French Dr., Hobbs, NM 88240 Phone (575) 393-6161 Fax (575) 393-0720

<u>District II</u> 811 S First St., Artesia, NM 88210 Phone (575) 748-1283 Fax (575) 748-9720 <u>District III</u>

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 Revised December 16, 2011

RECEIVED

Form C-101

MAR 15 2012

NMOCD ARTESIA APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE Operator Name and Address OGRID Number 281994 LRE Operating, LLC, 1111 Bagby Street, Suite 4600, Houston, Texas 77002 API Number Property Name Wylie State **Surface Location** Feet from UL - Lot Lot Idn N/S Line E/W Line Section Township Range Feet From County 178 28E 330 Е **EDDY** 8 Pool Information Additional Well Information 10 Well Type 11 Cable/Rotary 12 Lease Type Work Type 13 Ground Level Elevation Rotary Ν Oil State 3633 1 14 Multiple 5 Proposed Depth 16 Formation 17 Contractor 18 Spud Date 3.650 Yeso United Drilling Inc 6/10/2013 No Distance from nearest fresh water well: 4.1 Miles Depth to Ground water: 40' Distance to nearest surface water: 9 Miles 19 Proposed Casing and Cement Program Type Hole Size Casing Size Casing Weight/ft Setting Depth Sacks of Cement Estimated TOC Conductor 20" 14" 68 7 40 Ready Mix Surface Surface 12 1/4" 8 5/8" 24 425 300 sx Surface 5 1/2" 17 Production 7 7/8" 3650 675 sx Surface **Casing/Cement Program: Additional Comments** See Attached Well Plan Documentation **Proposed Blowout Prevention Program** Type Working Pressure Test Pressure Manufacturer XLT II" 5000 PSI 2000 PSI National Varco I hereby certify that the information given above is true and complete to the best of my knowledge and belief. OIL CONSERVATION DIVISION I further certify that the drilling pit will be constructed according to NMOCD guidelines , a general permit , or an (attached) alternative Approved By OCD-approved plan 🛛 Signature: Title: Printed name Robert S. (Sid) Ashworth Expiration Date Title. Production Engineer Approved Date E-mail Address. sashworth@limerockresources com

Conditions of Approval Attached

Phone: 713-292-9526

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

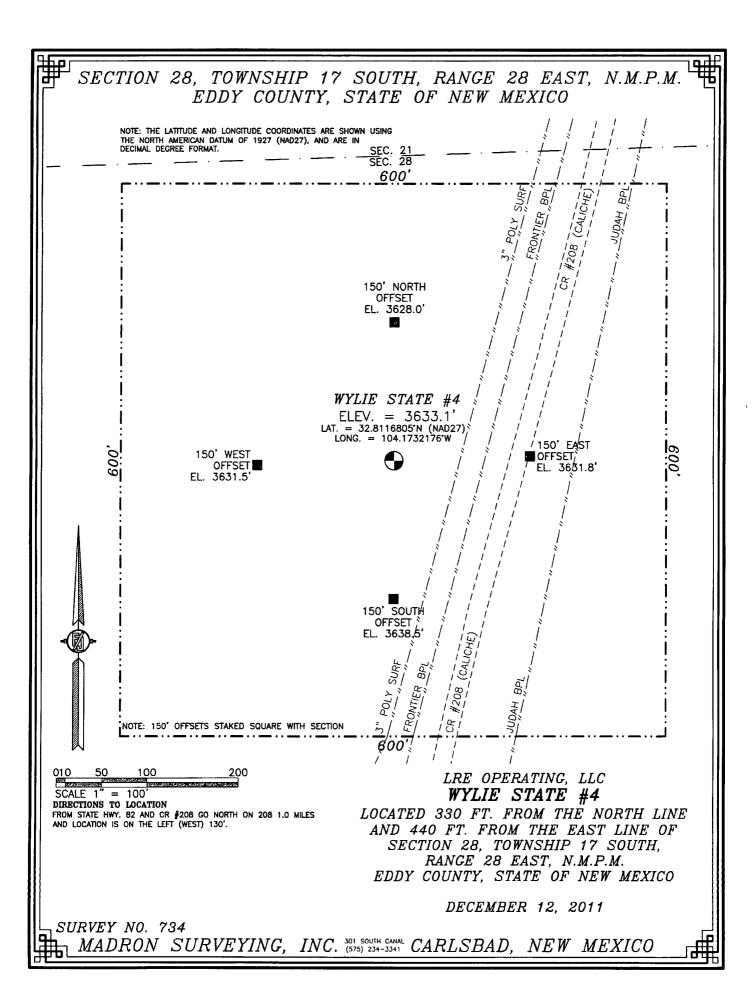
☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

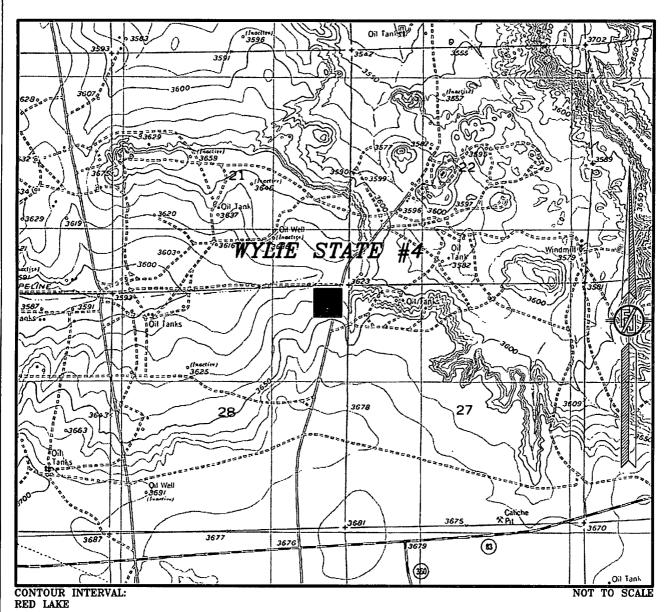
	r		<sup>2</sup> Pool Coo	le	Pool Name					
<sup>4</sup> Property	Code			<sup>5</sup> Property Name						
	1				WYLIE S	TATE		1	4	
70GRID	No.			* Operator Name						
281994				LRE OPERATING, LLC						
					" Surface	Location				
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
A	28	17 S	28 E		330	NORTH	440	EAST	EDDY	
- 10			" Bo	ttom Ho	le Location I	Different From	n Surface			
L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
		-						ı		
Dedicated Acre	<sup>13</sup> Joint o	r Infill 14 C	onsolidation	Code 13 O	rder No.	· · · · · · · · · · · · · · · · · · ·				
10		İ								

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.

		T	17 OPERATOR CERTIFICATION
NW CORNER SEC. 28	N Q CORNER SEC. 28	† 1 L	I hereby certify that the information contained herein is true and complete
LAT. = 32.8122044'N	LAT. = 32!8124134'N LONG. = 104.1802224'W	440'	to the best of my knowledge and belief, and that this organization either
LONG. = 104.1886742W		RFACE 440	owns a working interest or unleased mineral interest in the land including
		SATION 1	1
	1	1 "	the proposed bottom hole location or has a right to drill this well at this
	WYLIE STATE #4	1	location pursuant to a convact with an owner of such a mineral or working
<b>'                                    </b>	ELEV. = 3633.1'	NE CORNER SEC. 28	interest, or to a voluntary pooling agreement or a compulsory pooling order
	LAT. = 32.8116805'N (NAD27) LONG. = 1104.1732176'W	LAT. = 32.8126237'N	heretofore entered by the division
<del> </del>	LONG. = 104.1732176 W	LONG. = 104.1717729'W	
	1 1	1	
W Q CORNER SEC. 28 -LAT. = -32:8050697N- — LONG. = 104.1887821'W	NOTE: LATITUDE AND LONGITUDE   COORDINATES ARE SHOWN   USING THE NORTH AMERICAN DATUM OF 1927  (NAD27), AND ARE IN   DECIMAL DEGREE FORMAT.	E Q CORNER SEC. 28	Signature  Printed Name  SID SHIVOTI  INSURVEYOR 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 mylbelief;  DECEMBER 12:2013  M. M. F. X.
			Signature and Search Professional Surveyor.  Certificate Number: FILIMON F. JARAMICLO, PLS 12797
SW CORNER SEC. 28	S Q CORNER SEC. 28	SE CORNER SEC. 28	COLOND SISURNEY NO. 734
LAT. = 32.7979286'N	LAT. = 32,7980996 N	LAT. = 32.7982679'N	CAND STRUCTURE NO. 134
LONG. = 104.1888769'W	LONG. = 104.1804413'W	LONG. = 104.1719713'W	THE THE PARTY OF T
			L



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



## LRE OPERATING, LLC WYLIE STATE #4

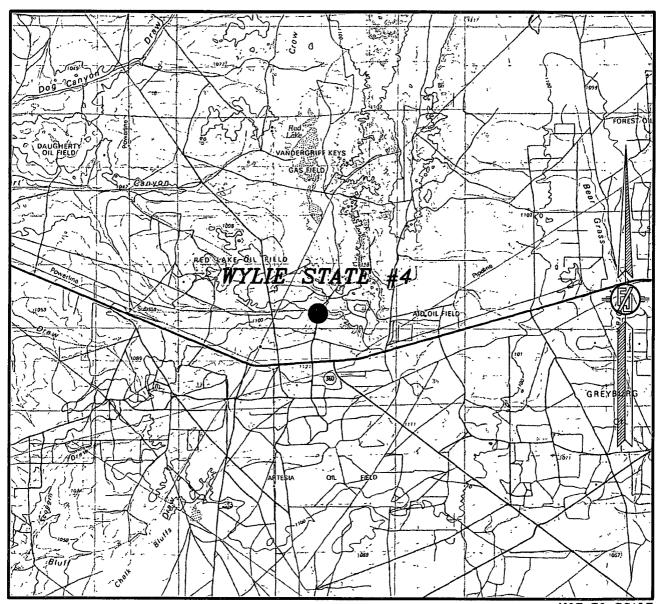
LOCATED 330 FT. FROM THE NORTH LINE AND 440 FT. FROM THE EAST LINE OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 12, 2011

SURVEY NO. 734

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

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



NOT TO SCALE

### LRE OPERATING, LLC WYLIE STATE #4

LOCATED 330 FT. FROM THE NORTH LINE AND 440 FT. FROM THE EAST LINE OF SECTION 28, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 12, 2011

SURVEY NO. 734

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

### LRE Operating, LLC Drilling Plan

Wylie State #4 330' FNL 330' FEL A-S28-T17S-R28E Eddy County, NM

- 1. The elevation of the unprepared ground is 3633.1' 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 3650' and run casing. This equipment will be rigged down and the well will be completed with a workover rig.
- 4. Proposed total depth is 3650'.
- 5. Estimated tops of geologic markers:

Quaternary – Alluvium	Surface
Seven Rivers	695'
Queen	1231'
Grayburg	1677'
San Andres	1983'
Glorieta	3343'
Yeso	3466'
TD	3650'

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

Seven Rivers	695'
Queen	1231'
Grayburg	1677'
San Andres	1983'
Glorieta	3343'
Yeso	3466'
TD	3650'

7. Proposed Casing and Cement program is as follows:

Type	Hole Size	Casing Size	Weight	Grade	Thread	Depth	Sacks	Density	Yield	Components
Conductor	20	14	68.7	В	Weld	40				Ready Mix to surface
Surface	12 1/4	8 5/8	24	J-55	ST&C	425	300	14.8	1.35	Cl C Cmt + 0.25 lbs/sk Cello Flake + 2% CaCl2
Production	7 7/8	5 1/2	17	J-55	ST&C	3650	300	12.8	1.90	(35:65) Poz/Cl C Cmt + 5% NaCl + 0.125 lbs/sk Cello Flake + 5 lbs/sk LCM-1 +0.6% R-3 + 6% Gel
							375	14.8	1.33	Class C w/ 0.60% R-3 and 1/4 pps cello flake

#### 8. Pressure Control Equipment

The blowout preventer equipment (BOP) will consist of a 2000 psi double ram type preventer, a bag-type (Hydril) preventer and rotating head. Both units will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and drill pipe rams on bottom. A 2M BOP will be installed on the 8 5/8" surface 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 preventers
- -Double ram with blind rams and pipe rams.
- -Drilling spool, or blowout preventer with 2 side outlets (choke side shall be a 3 inch 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)
- -3 inch diameter choke line
- -2 kill valves, one of which will be a check valve (2 inch minimum)
- -2 chokes
- -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.
- -Fill-up line above the uppermost preventer.

#### 9. Proposed Mud Program is as follows

•	•			
Depth	0-425	425-3350	3350-3650	
Mud Type	Fresh Water	Brine	Brine w/ Gel & Starch	
Properties				
MW	8.5-9.2	9.9-10.2	9.9-10.2	
рН	10	10-11.5	10-11.5	
WL	NC ·	NC	15-10	
Vis	28-34	30-32	34-36	
МС	NC	NC	1	
Solids	NC	<1%	<2%	

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

Testing Program: No drill stem tests are anticipated.

Electric Logging Program: TD-Surface casing: GR-DLL, GR-CND. Surface casing set @

425': G/R/Neutron. Coring Program: None

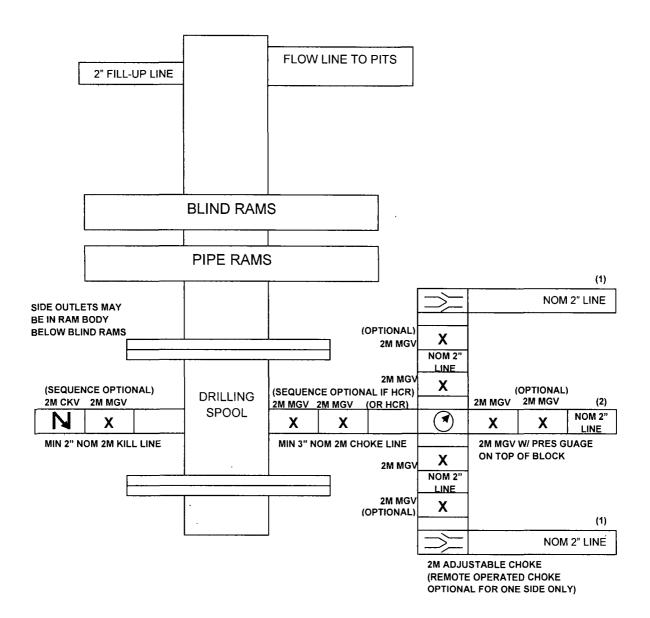
#### 11. Potential Hazards:

No abnormal temperatures or pressures are expected. There is no known presence of H2S in this area. If H2S is encountered the operatorwill 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 1606 psi based on  $0.44 \times TD$ . The estimated BHT is 114 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 7 days. An additional 20 days will be needed it complete the well and to construct surface facilities.

#### **2M BOP SCHEMATIC**



- (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

#### HYDROGEN SULFIDE (H2S) CONTINGENCY PLAN

#### Assumed 100 ppm ROE = 3000'

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

#### **Emergency Procedures**

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
  - o 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	H₂S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO₂	2.21 Air = 1	2 ppm	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 México's "Hazardous Materials Emergency Response Plan" (HMER).

#### H<sub>2</sub>S CONTINGENCY PLAN EMERGENCY CONTACTS

713-292-9510

Company Office –Lime Rock Resources

Name	5
Name	
Mike Barrett         Production Supervisor         575-623-8424 Celi:           Ambulance         911           State Police         575-746-2703           City Police         575-746-2703           Sheriff's Office         575-746-2701           Local Emergency Planning Committee         575-746-2122           New Mexico Oli Conservation Division         575-748-1283           Carlsbad         911           State Police         575-885-213           City Police         575-885-2111           Sheriff's Office         575-887-7551           Fire Department         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-4           Other         800-256-9688 or 281           Boots & Coots IWC         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-3569 <th>oer</th>	oer
Mike Barrett         Production Supervisor         575-623-8424 Celi:           Ambulance         911           State Police         575-746-2703           City Police         575-746-2703           Sheriff's Office         575-746-2701           Local Emergency Planning Committee         575-746-2122           New Mexico Oli Conservation Division         575-748-1283           Carlsbad         911           State Police         575-885-213           City Police         575-885-2111           Sheriff's Office         575-887-7551           Fire Department         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-4           Other         800-256-9688 or 281           Boots & Coots IWC         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-3569 <th>: 218-507-0386</th>	: 218-507-0386
State Police       575-746-2703         City Police       575-746-2703         Sheriff's Office       575-746-9888         Fire Department       575-746-2701         Local Emergency Planning Committee       575-746-2122         New Mexico Oil Conservation Division       575-748-1283         Carisbad       911         Ambulance       911         State Police       575-885-313         City Police       575-887-7551         Sheriff's Office       575-887-7551         Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Filight For Life – 4000 24th St. Lubbock, Texas       806-7         Aerocare – R3, Box 49F, Lubbock, Texas       806-7	: 505-353-2644
State Police       575-746-2703         City Police       575-746-2703         Sheriff's Office       575-746-9888         Fire Department       575-746-2701         Local Emergency Planning Committee       575-746-2122         New Mexico Oil Conservation Division       575-748-1283         Carisbad       911         Ambulance       911         State Police       575-885-313         City Police       575-887-7551         Sheriff's Office       575-887-7551         Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Filight For Life – 4000 24th St. Lubbock, Texas       806-7         Aerocare – R3, Box 49F, Lubbock, Texas       806-7	
City Police       575-746-2703         Sheriff's Office       575-746-9888         Fire Department       575-746-2701         Local Emergency Planning Committee       575-746-2122         New Mexico Oil Conservation Division       575-748-1283         Carlsbad       911         State Police       575-885-2111         City Police       575-887-3738         Sheriff's Office       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life - 4000 24th St. Lubbock, Texas       806-74         Aerocare - R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM       505-84	3
Sheriff's Office         575-746-9888           Fire Department         575-746-2701           Local Emergency Planning Committee         575-746-2122           New Mexico Oil Conservation Division         575-748-1283           Carlsbad         911           State Police         575-8885-313           City Police         575-887-3551           Sheriff's Office         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-4           Other         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-2757           B. J. Services         575-746-3569           Filight For Life - 4000 24th St. Lubbock, Texas         806-74           Aerocare - R3, Box 49F, Lubbock, Texas         806-74           Med Filight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM         505-86	3
Fire Department         575-746-2701           Local Emergency Planning Committee         575-746-2122           New Mexico Oli Conservation Division         575-748-1283           Carlsbad         911           State Police         575-885-313           City Police         575-887-2511           Sheriff's Office         575-887-7551           Fire Department         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-4           Other         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-2757           B. J. Services         575-746-3569           Flight For Life - 4000 24th St. Lubbock, Texas         806-7           Aerocare - R3, Box 49F, Lubbock, Texas         806-7           Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM         505-8	В
New Mexico Oil Conservation Division         575-748-1283           Carlsbad         911           State Police         575-885-313           City Police         575-887-351           Sheriff's Office         575-887-7551           Fire Department         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-2757           B. J. Services         575-746-3569           Flight For Life - 4000 24th St. Lubbock, Texas         806-74           Aerocare - R3, Box 49F, Lubbock, Texas         806-74           Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM         505-84	1
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Ambulance       911         State Police       575-8885-313         City Police       575-885-2111         Sheriff's Office       575-887-7551         Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life - 4000 24th St. Lubbock, Texas       806-74         Aerocare - R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM       505-80	3
State Police       575-8885-313         City Police       575-885-2111         Sheriff's Office       575-887-7551         Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	
City Police       575-885-2111         Sheriff's Office       575-887-7551         Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	
Sheriff's Office         575-887-7551           Fire Department         575-887-3798           Local Emergency Planning Committee         575-887-6544           US Bureau of Land Management         575-887-6544           New Mexico Emergency Response Commission (Santa Fe)         505-4           24 Hour         505-8           New Mexico State Emergency Operations Center         505-4           National Emergency Response Center (Washington, DC)         800-4           Other         800-256-9688 or 281           Cudd PressureControl         915-699-0139 or 915           Halliburton         575-746-2757           B. J. Services         575-746-3569           Flight For Life – 4000 24th St. Lubbock, Texas         806-74           Aerocare – R3, Box 49F, Lubbock, Texas         806-74           Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM         505-84	
Fire Department       575-887-3798         Local Emergency Planning Committee       575-887-6544         US Bureau of Land Management       575-887-6544         New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-3569         Flight For Life - 4000 24th St. Lubbock, Texas       806-74         Aerocare - R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM       505-84	Í
State   Stat	1
State   Stat	3
New Mexico Emergency Response Commission (Santa Fe)       505-4         24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life - 4000 24th St. Lubbock, Texas       806-74         Aerocare - R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb - 2301 Yale Blvd SE #D3, Albuq., NM       505-84	4
24 Hour       505-8         New Mexico State Emergency Operations Center       505-4         National Emergency Response Center (Washington, DC)       800-4         Other       800-256-9688 or 281         Boots & Coots IWC       800-256-9688 or 281         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	1
Substitute	176-9600
Substitute	327-9126
Other       800-256-9688 or 281         Boots & Coots IWC       915-699-0139 or 915         Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	176-9635
Boots & Coots IWC	<b>124-8802</b>
Cudd PressureControl       915-699-0139 or 915         Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	4 004 0004
Halliburton       575-746-2757         B. J. Services       575-746-3569         Flight For Life – 4000 24th St. Lubbock, Texas       806-74         Aerocare – R3, Box 49F, Lubbock, Texas       806-74         Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM       505-84	
B. J. Services 575-746-3569  Flight For Life – 4000 24 <sup>th</sup> St. Lubbock, Texas 806-74  Aerocare – R3, Box 49F, Lubbock, Texas 806-74  Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM 505-84	<b>7-303-3330</b>
Flight For Life – 4000 24th St. Lubbock, Texas 806-74 Aerocare – R3, Box 49F, Lubbock, Texas 806-74 Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM 505-84	
Aerocare – R3, Box 49F, Lubbock, Texas806-74 Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM505-84	//3_0011
Med Flight Air Amb – 2301 Yale Blvd SE #D3, Albuq., NM505-8	
S B Air Med Service – 2505 Clark Carr Loop SE, Albuq., NM505-8	342-4433 342-4949

#### LRE Operating LLC

#### Wylie State #4

#### UNIT A, S28-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

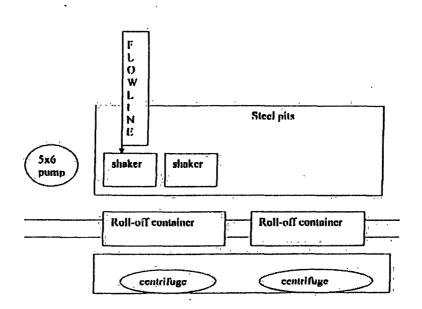
2-500 bbl frac tanks with fresh water 2-500 bbl frac tanks for brine water

#### **Operations:**

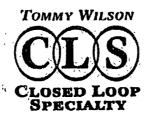
Closed Loop System equipment will be inspected daily by each tour and any necessary maintenance performed. Any leak in system will be repaired and/or contained immediately. OCD will be notified within 48 hours of any spill. Remediation process will start immediately.

#### Closure:

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



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



Office: \$75.746.1689

Cell: 575.748.6367