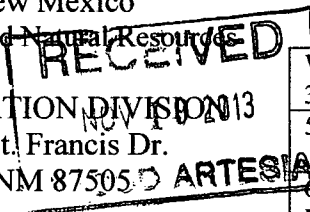


Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



WELL API NO. 30-015-31549
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-6251
7. Lease Name or Unit Agreement Name AID 24P STATE
8. Well Number #34
9. OGRID Number 281994
10. Pool name or Wildcat Empire, Glorieta-Yeso (96210) Red Lake, Queen-Grayburg-San Andres Ext. (51300)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3680' GL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator LRE OPERATING, LLC	
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401	
4. Well Location Unit Letter <u>O</u> : <u>480</u> feet from the <u>South</u> line and <u>1900</u> feet from the <u>East</u> line Section <u>24</u> Township <u>17-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3680' GL	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☒
OTHER: Recomplete to San Andres ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).
SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

LRE Operating, LLC would like to recomplete this Yeso oil well to the San Andres as follows: MIRUSU. TOH w/rods, pump, & tbq. Set a 5-1/2" CBP @ ~3700' & PT to ~3500 psi. (Existing Yeso perfs are @ 3785'-4015'). Perf lower San Andres @ ~3360'-3611' w/~30 holes. Stimulate with ~2500 gal 15% HCL acid & frac w/~82,000# 16/30 sand in 20# X-linked gel.

Set a 5-1/2" CBP @ ~3330' & PT to ~3500 psi. Perf middle San Andres @ ~3046'-3301' w/~30 holes. Stimulate with ~2600 gal 15% HCL acid & frac w/~82,000# 16/30 sand in 20# X-linked gel.

Set a 5-1/2" CBP @ ~3010' & PT to ~3500 psi. Perf upper San Andres @ ~2728'-2977' w/~27 holes. Stimulate with ~2500 gal 15% HCL acid & frac w/~82,000# 16/30 sand in 20# X-linked gel.

Set a 5-1/2" CBP @ ~2712' & PT to ~3500 psi. Perf upper San Andres @ ~2432'-2699' w/~32 holes. Stimulate with ~2700 gal 15% HCL acid & frac w/~88,000# 16/30 sand in 20# X-linked gel.

CO after frac & drill out CBPs @ 2712', 3010', & 3330'. Do not drill CBP @ 3700'. Land 2-7/8" production tbq @ ~3350'. Run pump & rods & release workover rig. Complete as a single San Andres oil well. See the attached proposed wellbore diagram. Following a San Andres production test, this well will be evaluated for DHC.

Spud Date: 2/1/01 Drilling Rig Release Date: 2/15/01

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

SIGNATURE Mike Pippin TITLE Petroleum Engineer - Agent DATE 11/18/13

Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only

APPROVED BY: [Signature] TITLE Dist. Rep. Supervisor DATE 11/20/13

Conditions of Approval (if any):

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 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-31549	² Pool Code 51300	³ Pool Name RED LAKE, Queen-Grayburg-San Andres
⁴ Property Code 309882	⁵ Property Name AID 24P STATE	⁶ Well Number 34
⁷ OGRID No. 281994	⁸ Operator Name LRE OPERATING, LLC.	⁹ Elevation 3680' GL

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
O	24	17-S	28-E		480	SOUTH	1900	EAST	EDDY

¹¹ 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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

<div style="text-align: center; font-size: 2em;">24</div>	<div style="text-align: center; font-size: 2em;">480'</div>	<div style="text-align: center; font-size: 2em;">1900'</div>	¹⁷ OPERATOR CERTIFICATION <i>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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <div style="display: flex; justify-content: space-between;"> <div> ^o <i>Mike Pippin</i> Signature </div> <div>11/17/13 Date</div> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> Mike Pippin Printed Name </div>
			¹⁸ SURVEYOR CERTIFICATION <i>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.</i> 11/30/00 Date of Survey Signature and Seal of Professional Surveyor: Gary G. Eidson
			12641 Certificate Number

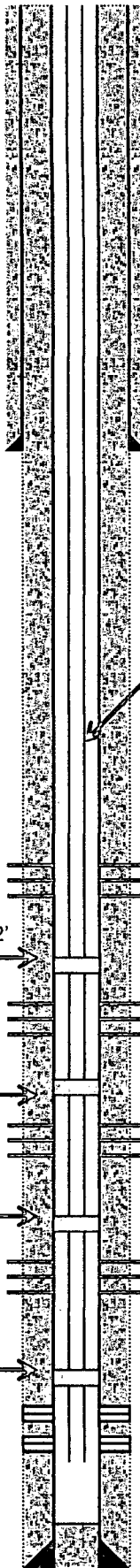


**LIME ROCK
RESOURCES**

**LRE Operating, LLC
Proposed 4 Stage San
Andres Recompletion &
Commingle With Yeso
AFE # R13030**

**AID 24 P State #34
Sec 24-T17S-28E Unit O
480' FSL & 1900' FEL
Elevation – 3680' GL
API # 30-015-31549
Eddy County, NM**

**Spud
2/1/2001**



8-5/8", 24#, J-55, ST&C Casing @ 631'. Cement with 380 SX Class C Cement plus 2% CaCl₂. Circulated to Surface.

2-7/8"; 6.4# J-55 Tubing, TAC @ 2332', SN @4045', 4' slotted sub, 2 jt MA w BP @ 4110'

San Andres Perfs: Stage # 4
2,432' – 2,699'
(1 SPF, 0.42" EHD – 32 holes)

Stim Info: 2700 g 15% NEFE HCL & 32 bio balls; Frac w/69,500 # 16/30 Brady & 18,000 # 16/30 Resin in 20# Xlinked gel

San Andres Perfs: Stage # 3
2,728' – 2,977'
(1 SPF, 0.42" EHD – 27 holes)

Stim Info: 2500 g 15% NEFE HCL & 41 bio balls; Frac w/64,000 # 16/30 Brady & 18,000 # 16/30 Resin in 20# Xlinked gel

San Andres Perfs: Stage # 2
3,046' – 3,301'
(1 SPF, 0.42" EHD – 30 holes)

Stim Info: 2600 g 15% NEFE HCL & 45 bio balls; Frac w/64,000 # 16/30 Brady & 18,000 # 16/30 Resin in 20# Xlinked gel

San Andres Perfs: Stage # 1
3,360' – 3,611'
(1 SPF, 0.42" EHD – 30 holes)

Stim Info: 2500 g 15% NEFE HCL & 45 bio balls; Frac w/64,000 # 16/30 Brady & 18,000 # 16/30 Resin in 20# Xlinked gel

Yeso Perfs:

3,785' – 3,898' (4 SPF) – 17,600 g 20% HCL
3,921' – 4,015' (4 SPF) – 17,600 g 20% HCL
(2/27/2001)

PBTD @ ±4,236'

5-1/2"; 15.5#, K-55; LT&C Casing @ 4,255'. Cement with Lead slurry of 550 sx 35/65 C and Tail slurry of 260 SX 50/50 Class C to surface.

GEOLOGY

<u>Zone</u>	<u>Top</u>
Yates	703'
7 Rivers	1,060'
Queen	1,530'
Grayburg	1,932'
San Andres	2,228'
Glorieta	3,736'
Yeso	3,770'

SURVEYS

<u>Degrees</u>	<u>Depth</u>
1°	462'
.5°	741'
.5°	1,016'
.5°	1,508'
.5°	2,022'
.5°	2,481'
.25°	2,998'
.5°	3,636'

TD @ 4,265'

AID

AID '24' STATE

● 18
5334

AID 24 STATE

● 10
5261

AID '24P' STATE

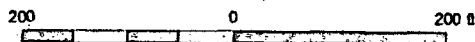
● 34

AID '24' STATE 4265

● ● 15
2840 5264

○
AID 24 #29

1 inch = 200 feet



**LIME ROCK
RESOURCES**

AID UNIT "O" LEASE
LIME ROCK NEW LOCATIONS
CURRENT LIME ROCK WELLS
ALL OTHER WELLS

Author:

Created:

Date:

31 October 2013