

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

NM OIL CONSERVATION
State of New Mexico
ARTESIA DISTRICT
Energy, Minerals and Natural Resources
JUL 14 2015
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-36249
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator LRE OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		7. Lease Name or Unit Agreement Name AID 24 STATE
4. Well Location Unit Letter <u>I</u> : <u>2310</u> feet from the <u>South</u> line and <u>430</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		8. Well Number <u>#4</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3678' GL		9. OGRID Number <u>281994</u>
		10. Pool name or Wildcat Empire, Glorieta-Yeso (96210) Red Lake, Queen-Grayburg-San Andres(51300)

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 & DHC as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" CBP @ ~3780' & PT to ~3500 psi. (Existing Yeso perms are @ 3823'-5103'). Perf lower San Andres @ ~3282'-3633' w/~34 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~309,330# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~3210' & PT to ~3500 psi. Perf San Andres @ ~2853'-3145' w/~29 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~287,280# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2780' & PT to ~3500 psi. Perf upper San Andres @ ~2408'-2699' w/~27 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~159,600# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2780' & 3210', & CO to CBP @ 3780'. Run 2-7/8" 6.5#J-55 production tbg & land @ ~3670'. Run pump & rods. Release workover rig. Complete as a single San Andres oil well. See the attached proposed wellbore diagram. Following a test of the San Andres alone, the CBP @ 3780' will be removed & the well DHC when the DHC application in Santa Fe is approved.

Spud Date: 2/11/10 Drilling Rig Release Date: 2/27/10

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 7/1/15

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

APPROVED BY: LR Dade TITLE Dist. H Supervisor DATE 7/5/15
Conditions of Approval (if any):

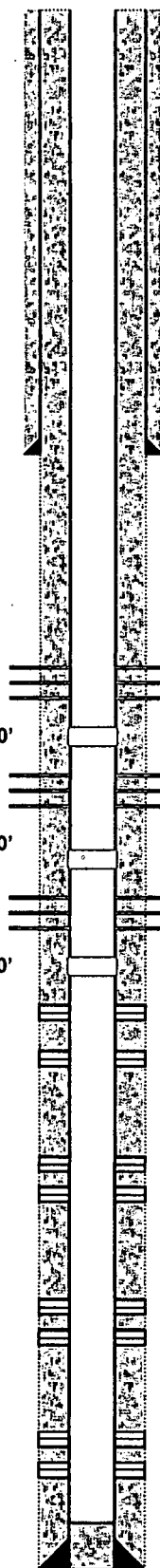


**LIME ROCK
RESOURCES**

LRE Operating, LLC San Andres Recompletion AFE R15031

**AID 24 State #4
Sec 24-17S-28E (NE of I)
2310' FSL, 430' FEL
Elevation - 3,678'
API # 30-015-36249
Eddy County, NM**

Spud
2/11/10



8-5/8", 24#, J-55, ST&C Casing @ 350'. Cement with 375 sks. Circ 129 sx cmt to Surface.

Lufkin 456-305-144 Pumping Unit with 50 HP motor; 126" SL at 9 SPM 2-7/8"; 6.5#, J-55 Tubing, TAC at 2308', SN at 3635', 4' slotted sub, 1 jt MA w BP at 3670'
141- 7/8" D, 4- 1.5" kbars, 2.5"x2"x20' RHBC-HVR pump

San Andres Perfs: 2408'-2699'
(1 SPF - 27 holes)

Stim Info: 291', 1500 g 15% HCL, 30,000 # 100 Mesh, 159,600# 40/70, 5214 bbbs water, 80 + BPM

San Andres Perfs: 2853'-3145'
(1 SPF - 29 holes)

Stim Info: 292', 1500 g 15% HCL, 30,000 # 100 Mesh, 287,280# 40/70, 7114 bbbs water, 80 + BPM

San Andres Perfs: 3282'-3633'
(1 SPF - 34 holes)

Stim Info: 351', 1500 g 15% HCL, 30,000 # 100 Mesh, 309,330# 40/70, 7414 bbbs water, 80 + BPM

Yeso Perfs: 3,823' - 4,052' (1 SPF - 34 holes)
(7/26/12)

Stim Info: 2809 gal 15% NEFE; Frac w/ 61,764# 16/30 Brady in 20# x-linked gel. (7/26/12)

Yeso Perfs: 4,171' - 4,422' (1 SPF - 71 holes)
(4/10/10)

Stim Info: 5000 gal 15% NEFE; Frac w/ 95,347# 16/30 & 22,780# 16/30 SiberProp in 20# x-linked gel. (4/20/10)

Yeso Perfs: 4,470' - 4,764' (1 SPF - 75 holes)
(4/20/10)

Stim Info: 3500 gal 15% NEFE; Frac w/ 114,674# 16/30 & 44,415# 16/30 SiberProp in 20# x-linked gel. (4/20/10)

Yeso Perfs: 4,823' - 5,103' (1 SPF - 69 holes)
(4/20/10)

Stim Info: 3500 gal 15% NEFE; Frac w/ 100,781# 16/30 & 23,579# 16/30 SiberProp in 20# x-linked gel. (4/20/10)

PBT @ 5,300'

5-1/2"; 17#, J-55; ST&C Casing @ 5,341'. 550 sx lead & 650 sx tail Circ 166 sx to Surface. (2/27/2010)

TD @ 5,355'

GEOLOGY

Zone	Top
Yates	769'
7 Rivers	997'
Queen	1,565'
Grayburg	1,963'
San Andres	2,258'
Middle SA	2,570'
Lower SA	3,100'
Glorieta	3,688'
Yeso	3,795'
Tubb	5,139'

SURVEYS

Degrees	Depth
1/2°	365'
1/4°	1,002'
1/4°	1,508'
1/2°	1,980'
3/4°	2,510'
1°	2,990'
1-1/4°	3,526'
1-1/2°	4,000'
1-1/4°	4,537'
1°	5,005'
1-3/4°	5,326'