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 ARTESIA DISTRICT
MAR 02 2015
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-40339

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
ENRON STATE

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number **#18**

2. Name of Operator
LRE OPERATING, LLC

9. OGRID Number 281994

3. Address of Operator
c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

10. Pool name or Wildcat
Artesia, Glorieta-Yeso (96830)
Artesia, Queen-Grayburg-San Andres (3230)

4. Well Location
Unit Letter D : 990 feet from the North line and 330 feet from the West line
Section 32 Township 17-S Range 28-E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3700' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☒			
OTHER: Recomplete to San Andres & DHC ☒		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 @ ~3400' & PT to ~3500 psi. (Existing Yeso perfs are @ 3460'-4140'). Perf lower San Andres @ ~2782'-3121' w/~34 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~305,340# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2710' & PT to ~3500 psi. Perf San Andres @ ~2270'-2641' w/~37 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~344,190# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2180' & PT to ~3500 psi. Perf upper San Andres @ ~1862'-2103' w/~36 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~15,000# 100 mesh & ~87,150# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2180' & 2710', & CO to CBP @ 3400'. Run 2-7/8" 6.5#J-55 production tbg & land @ ~3185'. 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 approval of our DHC application in Santa Fe, the CBP @ 3400' will be removed & the well DHC.

Spud Date: 1/11/14 Drilling Rig Release Date: 1/16/14

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 2/27/15
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. SUPERVISOR DATE 3/2/15
Conditions of Approval (if any):

LIME ROCK RESOURCES	County	Well Name	Field:	Well Sketch:
	EDDY	Enron State #18	Redlake Glorieta-Yeso NE	AFE R15011 LRE Operating, LLC
	Surface Lat: 32.7977087°N	BH Lat: 32.7977087°N	Survey: S32-T17S-R28E Unit D	API # 30-015-40339
	Surface Long: 104.2058501°W	BH Long: 104.2058501°W	990' FNL & 330' FWL	OGRID # 281994

Directional Data:

KOP				
Max Dev.:				
Dleg sev:				
Dev @ Perfs				
Ret to Vert:				

Drilling / Completion Fluid

Drilling Fluid: 10.2 PPG Brine / Salt Gel
Drilling Fluid:
Completion Fluid: 2% KCL
Completion Fluid:
Packer Fluid: NA

Tubular Data

Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	14"	68.7#	B	Weld	40'	40'	SURF
Surface	8 5/8"	24#	J-55	STC	425'	425'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,243'	4,243'	SURF
Liner							

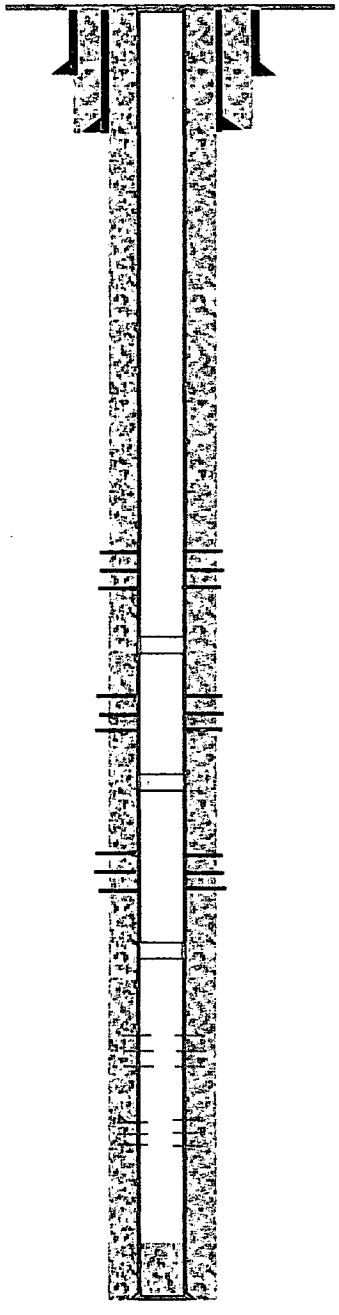
CEMENT DATA

	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	250	1.35	14.8	NA	NA	NA	145 sx
Intermediate							
Liner							
Production	*310*	*1.9*	*12.8*	*550*	*1.33*	*14.8*	*163 sx*

Wellhead Data

Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.8'
RKB:	3712
GL:	*3,700.2'*

Wellbore Sketch



Completion Information

DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS from		to	# of HOLES	DETAILS
0						
40'	20" Hole					14" Conductor Pipe
425'	11" Hole					8-5/8" Surf Csg Circ 145 sx Cmt to surf
513'	Seven Rivers					
1,080'	Queen					
1,507'	Grayburg					
1,782'	Premier					
1,820'	San Andres					
2 7/8" tbg, TAC at 1762', SN at 3150', 4' slotted sub, 1 jt MA w BP at 3185'						
38-1" KD, 40- 7/8" KD, 44 - 3/4" KD, 4- 1.5" kbars, 2.5"x2"x20' RHBC-HVR Pump						
American 320-256-120 w 30 HP Motor, 107" SL at 8 SPM						
	Stage #3 San Andres	**1,862'**		**2,103'**	**36**	**241', (70' pay) 1500 g 15% HCL**
						15,000 # 100 Mesh, 87,150 # 40/70,
						3,650 bbls water, 80 + BPM
CBP at 2180'						
	Stage #2 San Andres	**2,270'**		**2,641'**	**37**	**371', 1500 g 15% HCL, 30,000 # 100 Mesh**
						344,190 # 40/70, 9200 bbls water, 80 + BPM
CBP at 2710'						
	Stage #1 San Andres	**2,782'**		**3,121'**	**34**	**339', 1500 g 15% HCL, 30,000 # 100 Mesh**
						305,340 # 40/70, 8700 bbls water, 80 + BPM
CBP at 3400'						
3,203'	Glorieta					
3,318'	Yeso					
	Stage 2 Yeso Frac	3,460'		3,753'	49	293' Stg 2 - See Frac Design
Yeso completed 1/31/14						
	Stage 1 Yeso Frac	3,800'		4,141'	36	340' Stg 1 - See Frac Design
	PBTD					above 5-1/2" Float Collar
4,243'	PROD CSG					5-1/2" Prod Csg. Circ 163 SX Cmt to Surf

Comments: NM OCD CLP

Plug back Depth:		MD
Total Well Depth:	4,250'	4250' MD
Prepared By:	Date:	
Eric McClusky	27-Feb-15	