

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

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. 30-015-41833
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
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 ENRON STATE
4. Well Location Unit Letter <u>C</u> : <u>990</u> feet from the <u>North</u> line and <u>1700</u> feet from the <u>West</u> line Section <u>32</u> Township <u>17-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County		8. Well Number #19
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3703' GL		9. OGRID Number 281994
		10. Pool name or Wildcat Artesia, Glorieta-Yeso (96830) Artesia, Queen-Grayburg-San Andres (3230)

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 & DHC ☒

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 @ ~3400' & PT to ~3500 psi. (Existing Yeso perfs are @ 3495'-4099'). Perf lower San Andres @ ~2748'-3163' w/~40 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~371,490# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2700' & PT to ~3500 psi. Perf San Andres @ ~2349'-2647' w/~30 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~289,590# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2280' & PT to ~3500 psi. Perf upper San Andres @ ~1872'-2211' w/~32 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 @ 2280' & 2700', & CO to CBP @ 3400'. Run 2-7/8" 6.5#J-55 production tbg & land @ ~3228'. 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 approval of our DHC application in Santa Fe, the CBP @ 3400' will be removed & the well DHC.

Spud Date: 12/28/13

Drilling Rig Release Date: 1/3/14


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 3/20/15

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. J. K. [Signature] DATE 3/24/2015
Conditions of Approval (if any):

 LIME ROCK RESOURCES	County: EDDY		Well Name: Enron State #19		Field: Redlake Glorieta-Yeso NE		Well Sketch: AFE R15012 LRE Operating, LLC			
	Surface Lat: 32.795067°N		BH Lat: 32.795067°N		Survey: S32-T17S-R28E Unit C		API #: 30-015-41833			
	Surface Long: 104.2002736°W		BH Long: 104.2002736°W		990' FNL & 1700' FWL		OGRID #: 281994			
	Directional Data:		Tubular Data						Wellhead Data	
	KOP							Type:		
	Max Dev.:							WP:		
Dleg sev:							Tree Cap	Flange:		
Dev @ Perfs								Thread:		
Ret to Vert:										
Drilling / Completion Fluid		CEMENT DATA								
Drilling Fluid: 10.2 PPG Brine / Salt Gel			L/sks	Yld	Wt	T/sks	Yld	Wt	XS	
Drilling Fluid:		Surface	250	1.35	14.8	NA	NA	NA	121 sx	
Completion Fluid: 2% KCL		Intermediate								
Completion Fluid:		Liner								
Packer Fluid: NA		Production	325	1.9	12.8	550	1.33	14.8	162 sx	
		Tbg Hanger:								
		8TM Flange:								
		BPV Profile:		NA						
		Elevations:		GR - RKB = 11.8'						
		RKB:		3715'						
		GL:		3703.2'						

Completion Information					
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS			# of HOLES
		from	to		
0					
40'	20" Hole				
426'	12 1/4" Hole				
612'	Seven Rivers				
1,175'	Queen				
1,580'	Grayburg				
1,880'	Premier				
1,910'	San Andres				
2 7/8" tbg, TAC at 1772', SN at 3193', 4' slotted sub, 1 jt MA w BP at 3228'					
37-1" KD, 45- 7/8" KD, 41 - 3/4" KD, 4- 1.5" kbars, 2.5"x1.75"x20' RHBC-HVR Pump					
Lufkin 320-256-120 w 40 HP Motor, 120" SL at 9 SPM					
	Stage #3 San Andres	1,872'		2,211'	32
CBP at 2280'					
	Stage #2 San Andres	2,349'		2,647'	30
CBP at 2700'					
	Stage #1 San Andres	2,748'		3,163'	40
3,352'	Glorieta				
CBP at 3400'					
3,458'	Yeso				
	Stage 2 Yeso Frac	3,495'		3,763'	45
	Stimulated 1/10/14				
	Stage 1 Yeso Frac	3,810'		4,100'	33
	Stimulated 1/10/14				
	PBDT				
4,201'	PROD CSG				
<div> <div>Comments: NM OCD CLP</div> <div> <div>Plug back Depth:</div> <div>Total Well Depth:</div> <div>Prepared By:</div> <div>Eric McClusky</div> </div> <div> <div>MD</div> <div>4,206'</div> <div>Date:</div> <div>4-Mar-15</div> </div> </div>					