

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED
FEB 09 2015

Form C-103
June 19, 2008

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. 30-015-40028
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 ANTHONEY STATE
4. Well Location Unit Letter <u>P</u> : <u>540</u> feet from the <u>SOUTH</u> line and <u>837</u> feet from the <u>EAST</u> line Section <u>30</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.) 3643' GL		9. OGRID Number <u>281994</u>
		10. Pool name or Wildcat Red Lake, Glorieta-Yeso NE (96836)

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 1103. 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, & tbq. Set a 5-1/2" CBP @ ~3250' & PT to ~3500 psi. (Existing Yeso perfs are @ 3399'-4719'). Perf lower San Andres @ ~2822'-3131' w/~30 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~257,040# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2750' & PT to ~3500 psi. Perf San Andres @ ~2322'-2671' w/~35 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~296,940# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2250' & PT to ~3500 psi. Perf upper San Andres @ ~1820'-2175' w/~31 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~200,340# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2250' & 2750', & CO to CBP @ 3250'. Land 2-7/8" 6.5#J-55 production tbq @ ~3175'. 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 @ 3250' will be removed & the well DHC as per ART-2609-U.

Bottom Hole Location is 977' FSL & 939' FEL Sec.30 T17S R28E

Spud Date: 5/13/12

Drilling Rig Release Date: 5/26/12

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 2/5/15
Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573

For State Use Only

APPROVED BY: [Signature] TITLE District Supervisor DATE 2/10/15
Conditions of Approval (if any):

	County	EDDY	Well Name	Anthony State #4	Field:	Redlake; Glorieta-Yeso NE	Well Sketch:	AFE R15006 LRE Operating, LLC
	Surface Y:	654488.5 N	BH Y:	654907.5 N	Survey	Sec. 30, T17S-R28E	API #	30-015-40028
	Surface X:	538319.4 E	BH X:	538199.3 E	SHL	540' FSL & 837' FEL	OGRID #	281994

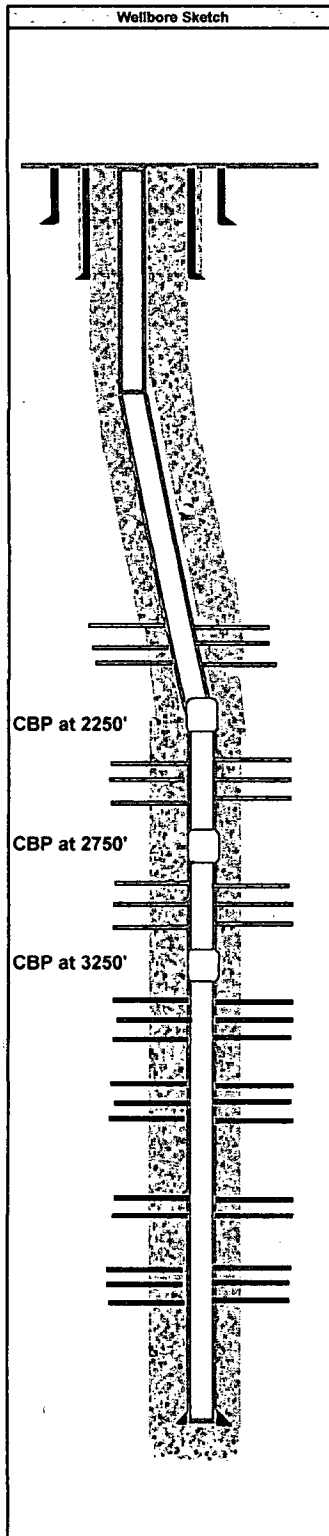
Directional Data:			
KOP	500'	MD	TVD
Max Dev.:	21.3°	1439'	1409'
Dleg sev.:	8.25°/100'	622'	622'
Dev @ Perfs	0.7	4235'	4167'
Ret to Vert:		2379'	2311'

Drilling / Completion Fluid			
Drilling Fluid: 10 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'	
Surface	8 5/8"	24#	J-55	STC	479'	479'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,827'	4,865'	SURF-Liner

CEMENT DATA							
	Usks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	300	1.35	14.8	NA	NA	NA	83 sx
Intermediate							
Liner							
Production	350	1.903	12.8	600	1.328	14.8	86 sx

Wellhead Data	
Type:	
WP:	
Tree Cap	
Flange:	
Thread:	
Tbg Hanger	
8TM Flange	
BPV Profile	NA
Elevations:	GR - RKB = 13.4'
RKB:	3656.7'
GL:	3,643.3'



Completion Information						
DEPTHS (MD)/(TVD)	FORMATION TOPS / WELL INFO	PERFORATIONS			# of HOLES	DETAILS
		from		to		
0						
40'	20" Hole					14" Conductor Pipe
479'						8-5/8" Surf Csg Circ 83 sx Cmt to surf
490'	12-1/4" Hole					Btm of Surface Casing Hole
500'	7-7/8" hole KOP					Kick off to 3°/100'
1187'/1182'	End Build					End Build - Start 21° Tangent
1720' / 1621'	End Tangent - Start Drop					Drop - Start @ 3°/100'
1835' / 1780'	Premier Sand					
2192' / 2124'	Middle San Andres					
2379'/ 2311'	Return to Vertical					Return to vertical
2 7/8" tbg TAC at 1720', SN at 3140', 4' Slotted sub, 1 jt MA w BP at ~ 3175'; Tenaris rods, T-couplings 1" KD pony set, 20-1" KD, 76- 1" KD 5 guides/rod, 24- 1" KD, 6-1.5" kbars, 2.5"x2"x20" RHBC-HVR pump, 168" SL 9 SPM						
	San Andres	1,820'		2,175'	31	355', 1500 g 15% HCL, 30,000 #100 Mesh 200,340 # 40/70, 7300 bbls water, 80 + BPM
	San Andres	2,322'		2,671'	35	349', 1500 g 15% HCL, 30,000 #100 Mesh 296,940 # 40/70, 8600 bbls water, 80 + BPM
	San Andres	2,822'		3,131'	30	309', 1500 g 15% HCL, 30,000 #100 Mesh 257,040 # 40/70, 8100 bbls water, 80 + BPM
2825' / 2757'	Lower San Andres					
3282' / 3214'	Glorieta					
3395' / 3327'	Stage 4 Glorieta- U Yeso	3,399'		3,662'	42	330' Stg 4 (1 spf, 0.41" EHD or better, >31" Pen)
3375' / 3307'	Lower Yeso (Blinebry)					See Frac Designs for volume and lbs proppant
3730' / 3662'	Stage 3 L Yeso Frac	3,730'				
				3,982'	34	268' Stg 3 (1 SPF, 0.41" EHD or better, >31" pen) See Frac Design for volume and lbs proppant
4045'/3977'	Stage 2 L Yeso Frac	4050'				340' Stg 2 (1&2 SPF, 0.41" EHD or better, >31" pen), See frac design for details
				4331'	40	
4386' / 4318'	Stage 1 L Yeso Frac	4,386'				333' Stg 1 (2 SPF, 0.41" EHD or better, >31" pen) See frac design for volume and lbs proppant
				4,719'	42	
4772' / 4704'	Tubb					
4827' / 4759'	PBTD					5-1/2" Float Collar
4865' / 4797'	PROD CSG					5-1/2" Prod Csg. Circ 86 SX Cmt to Surf
Comments: NM OCD CLP 0212635					Plug back Depth:	4759' TVD 4827' MD
					Total Well Depth:	4806' TVD 4874' MD
					Prepared By:	Date:
					Eric McClusky	2-Feb-15