

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

RECEIVED

MAR 26 2014

NMOC D ARTESIA

WELL API NO.

30-015-38234

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
ANTHONEY

8. Well Number #2

9. OGRID Number 281994

10. Pool name or Wildcat
Red Lake, Glorieta-Yeso NE (96836)
Red Lake, Queen-Grayburg-San Andres (51300)

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 ☒ Gas Well ☐ Other ☐

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 **P** : **430** feet from the **South** line and **800** feet from the **East** line
Section **30** Township **17-S** Range **28-E** NMPM **Eddy** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3644' 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 & 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 would like to recomplete into the San Andres & DHC with the existing Yeso as follows: MIRUSU. TOH w/rods, pump, & tbq. Set a CBP @ 3220 (above existing Yeso perfs @ 3235'-4719'). PT 5-1/2" csg & CBP to 3500 psi. Perf lower San Andres @ ~2900'-3201' w/ ~31 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~253,500# 40/70 Ottawa sand in slick water.

Set a CBP @ 2875. PT 5-1/2" csg & CBP to 3500 psi. Perf upper San Andres @ ~2550'-2851' w/ ~31 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~253,500# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2875' & 3220' & CO to ~PBD @ 4750'. Set an ESP on 2-7/8" production tbq with the pump intake @ ~2500'. Complete as a commingled Yeso / San Andres oil well. See the attached wellbore diagram. **These two oil pools have a blanket DHC order (19.15.12.11E).**

Spud Date: 2/21/12

Drilling Rig Release Date: 3/2/12

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 3/25/14

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

For State Use Only

APPROVED BY: [Signature] TITLE State Supervisor DATE 3/26/2014

Conditions of Approval (if any):

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	County	Well Name	Field	Well Sketch
	EDDY	Anthony State #2	Glorieta-Yeso NE	AFE R14008 LRE - San Andres Recompletion
	Surface Lat: 32.798914°N	BH Lat: 32.798914°N	Survey: S30-T17S-R28E Unit P	API # 30-015-38234
	Surface Long: 104.208509°W	BH Long: 104.208509°W	430' FSL & 800' FEL	OGRID # 281994

Directional Data:		Tubular Data							Wellhead Data		
KOP	Vertical Well	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type:	
Max Dev.:		Conductor	14"	65.7	B	Weld	40'	40'	SURF	WP:	
Dleg sev:		Surface	8 5/8"	24#	J-55	STC	468'	468'	SURF	Tree Cap	Flange:
Dev @ Perfs		Intermediate									Thread:
Ret to Vert:		Production	5 1/2"	17#	J-55	LTC	4,807'	4,807'	SURF		
	Liner										

CEMENT DATA							
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	175	1.35	14.8	200	1.32	14.8	125 sx
Intermediate							
Liner							
Production	450	1.9	12.8	550	1.33	14.8	153 SX

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

Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.6'
RKB:	=3655.6
GL:	3,644.0'

Completion Information					
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES	
		from	to		
0					
40'	20" Hole				
468'	12-1/4" Hole				
1820'	San Andres				
2,149'	Middle San Andres				
2,769'	Lower San Andres				
	Stage #2 San Andres	2,550'	2,851'	31	
CBP at 2875'					
	Stage #1 San Andres	2,900'	3,201'	31	
CBP at 3220'					
3232'	Glorieta-U. Yeso Frac	3,235'	3,408'	32	
Glorieta	1/22/2013				
3341'	U. Yeso Frac	3,450'	3,600'	29	
Yeso	1/22/2013				
	L. Yeso Frac	3,644'	3,932'	42	
	3/17/2011				
	L. Yeso Frac	3,962'	4,254'	42	
	3/17/2011				
	L. Yeso Frac	4,355'	4,719'	44	
	3/17/2011				
4,750'	PBTD				
4,807'	PROD CSG				

DETAILS		
14" Conductor Pipe		
8-5/8" Surf Csg Circ 125 sx Cmt to surf		
DEVIATION		
1004' - 1/4"		
1483' - 1/4"		
1984' - 1/4"		
2494' - 3/4"		
3032' - 1"		
3500' - 1"		
4009' - 1-1/4"		
4477' - 1"		
4799' - 1-1/2"		
1600 g 15% HCL, 20,476 bbls fresh water,		
253,500 # 40/70 Ottawa, 30,000 # 100 Mesh		
1500 g 15% HCL, 20,476 bbls fresh water,		
253,500 # 40/70 Ottawa, 30,000 # 100 Mesh		
2032 g 15% HCL & 64 bio balls, 36,666 g 20# gel, 2961# 100 mesh, 40,208 # 16/30 Brady, 22,659# 16/30 Resin.		
2000 g 15% HCL & 58 bio balls, 28,350 # 20# gel, 38,488 # 16/30 Brady, 10,905 # Resin		
Acid'zd w/ 4326 gal 15% NEFE-Frac'd w/ 87734 gal 20# xlink gel, 106223# 16/30 sd, 28806# 16/30 RC sd		
Acid'zd w/ 3000 gal 15% NEFE-Frac'd w/ 104157 gal 20# xlink gel, 117994# 16/30 sd, 34026# 16/30 RC sd		
Acid'zd w/ 3000 gal 15% NEFE-Frac'd w/ 110820 gal 20# xlink gel, 118118# 16/30 sd, 36839# 16/30 RC sd		
Float Collar		
5-1/2" Prod Csg. Circ 153 SX Cmt to Surf		

Comments:	Plug back Depth:	4,750'	MD
	Total Well Depth:	4,823'	MD
	Prepared By:	Date:	
	Eric McClusky	25-Mar-14	