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
APR 13 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.
30-015-37691

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
ANTHONEY

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

8. Well Number **#1**

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
Red Lake, Glorieta-Yeso NE (96836)

4. Well Location
Unit Letter P : 1050 feet from the South line and 330 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.)*
3629' 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 the San Andres	☒			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 @ ~3250' & PT to ~3500 psi. (Existing Yeso perfs are @ 3314'-4672'). Perf lower San Andres @ ~2772'-3083' w/~31 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 @ ~2744' & PT to ~3500 psi. Perf San Andres @ ~2308'-2695' w/~40 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~322,140# 40/70 Ottawa sand in slick water.

Set a 5-1/2" CBP @ ~2150' & PT to ~3500 psi. Perf upper San Andres @ ~1776'-2007' w/~35 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~157,500# 40/70 Ottawa sand in slick water.

CO after frac & drill out CBPs @ 2150' & 2744', & CO to CBP @ 3250'. Run 2-7/8" 6.5#J-55 production tbg & land @ ~3085'. 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 order ART-4609-X.

Spud Date: 8/31/10 Drilling Rig Release Date: 9/14/10

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 4/9/15

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 4/27/15

Conditions of Approval (if any):

LIME ROCK RESOURCES	County	Well Name	Field:	Well Sketch:
	EDDY	Anthoney State #1	Redlake Glorieta-Yeso NE	AFE R15019 LRE Operating, LLC
	Surface Lat: 32.800626°N	BH Lat: 32.800626°N	Survey: S30-T17S-R28E Unit P	API # 30-015-37691
	Surface Long: 104.206964°W	BH Long: 104.206964°W	1050' FSL & 330' FEL	OGRID # 281994

Directional Data:

KOP	Vertical Well
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"	65.7	B	Weld	40'	40'	SURF
Surface	8 5/8"	24#	J-55	STC	477'	477'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,882'	4,882'	SURF
Liner							

CEMENT DATA

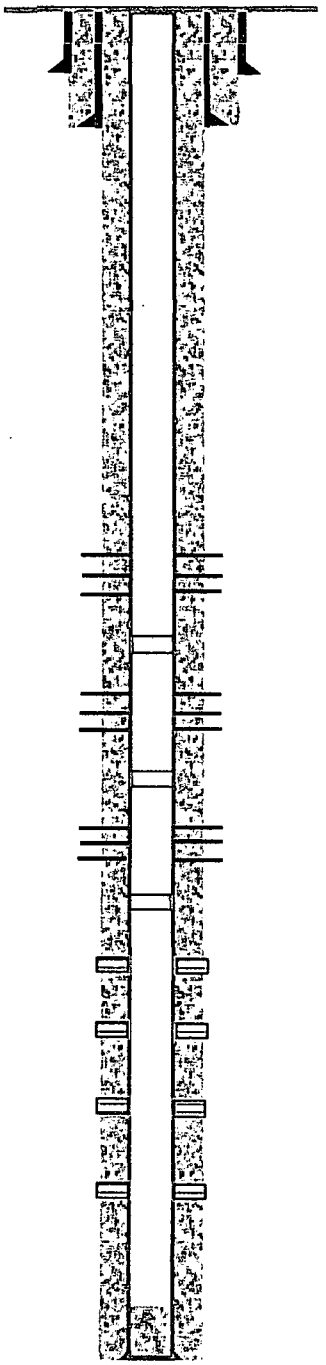
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	175	1.35	14.8	200	1.32	14.8	123 sx
Intermediate							
Liner							
Production	400	1.9	12.8	550	1.33	14.8	165 SX

Wellhead Data

Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.6'
RKB:	3640'
GL:	3,629.0'

Wellbore Sketch

8/31/10 - SPUD



Completion Information

DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS from		to	# of HOLES	DETAILS
0						
40'	20" Hole					14" Conductor Pipe
477'	12-1/4" Hole					8-5/8" Surf Csg Circ 123 sx Cmt to surf
						DEVIATION
						1006' - 1/4°
1820'	San Andres					1516' - 1/2°
2,108'	Middle San Andres					2015' - 3/4°
2,746'	Lower San Andress					2520' - 1°
						3026' - 1°
						3505' - 1.25°
						4042' - 1°
						4511' - 1.25°
						4895' - 1-1/2°
	2 7/8" tbg w TAC at 1676', SN at 3050', 4' slotted sub, 1 jt MA w BP at 3085'					
	1" KD Pony Set, 38-1" KD, 80- 7/8" D, 4-1.5" kbars, T-couplings					
	2.5"x2"x20' RHBC-HVR Pump, 9 SPM, 100" SL, Emsco 320-298-100- 30 HP motor					
	San Andres	1,776'		2,007'	35	231', 1500 g 15% HCL, 30,000 #100 Mesh
						157,500 # 40/70, 5136 bbls water, 80 + BPM
	CBP at 2150'					
	San Andres	2,308'		2,695'	40	387', 1500 g 15% HCL, 30,000 #100 Mesh
						322,140 # 40/70, 8900 bbls water, 80 + BPM
	CBP at 2744'					
	San Andres	2,772'		3,083'	31	311', 1500 g 15% HCL, 30,000 #100 Mesh
						257,040 # 40/70, 8100 bbls water, 80 + BPM
	CBP at 3250'					
3,314'	Yeso					
8/15/2014	Upper Yeso	3,314'		3,564'	49	5000 g 15% HCL & 74 bio balls, 115 k g 25# gel & 163,000 # 16/30 Brady & 63,000 # 16/30 Resin @ 80 BPM
10/12/10	Stage #3 Yeso	3,616'		3,920'	48	6741 g 15% HCL & 96 bio balls, 120,403 g 25# gel & 138,789 # 16/30 Brady & 48,033 # 16/30 Resin @ 80 BPM
10/12/10	Stage #2 Yeso	3,967'		4,322'	48	3166 g 15% HCL & 96 bio balls, 136,142 g 25# gel & 134,629 # 16/30 Brady & 57,937 # 16/30 resin @ 80 BPM
10/12/10	Stage #1 Yeso	4,395'		4,672'	44	4830 g 15% HCL & 88 bio balls, 112,837 g 25# gel & 86,190 # 16/30 Brady & 51,293 # 16/30 Resin @ 80 BPM
4,838'	PBTD					Float Collar
4,882'	PROD CSG					5-1/2" Prod Csg. Circ 165 SX Cmt to Surf

Comments: Can run pumping unit up to 11 SPM w 30 HP motor

40 HP needed at 12 SPM

Plug back Depth:	4,838'	MD
Total Well Depth:	4,900'	MD
Prepared By:	Date:	
Eric McClusky	7-Apr-15	

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION
ARTESIA DISTRICT
APR 13 2015
RECEIVED

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-37691	51300	Red Lake, Queen-Grayburg-San Andres

[4] Property Code	[5] Property Name	[6] Well Number
309625	ANTHONEY	1

[7] OGRID No.	[8] Operator Name	[9] Elevation
281994	LRE OPERATING, LLC.	3629' GL

[10] Surface Location

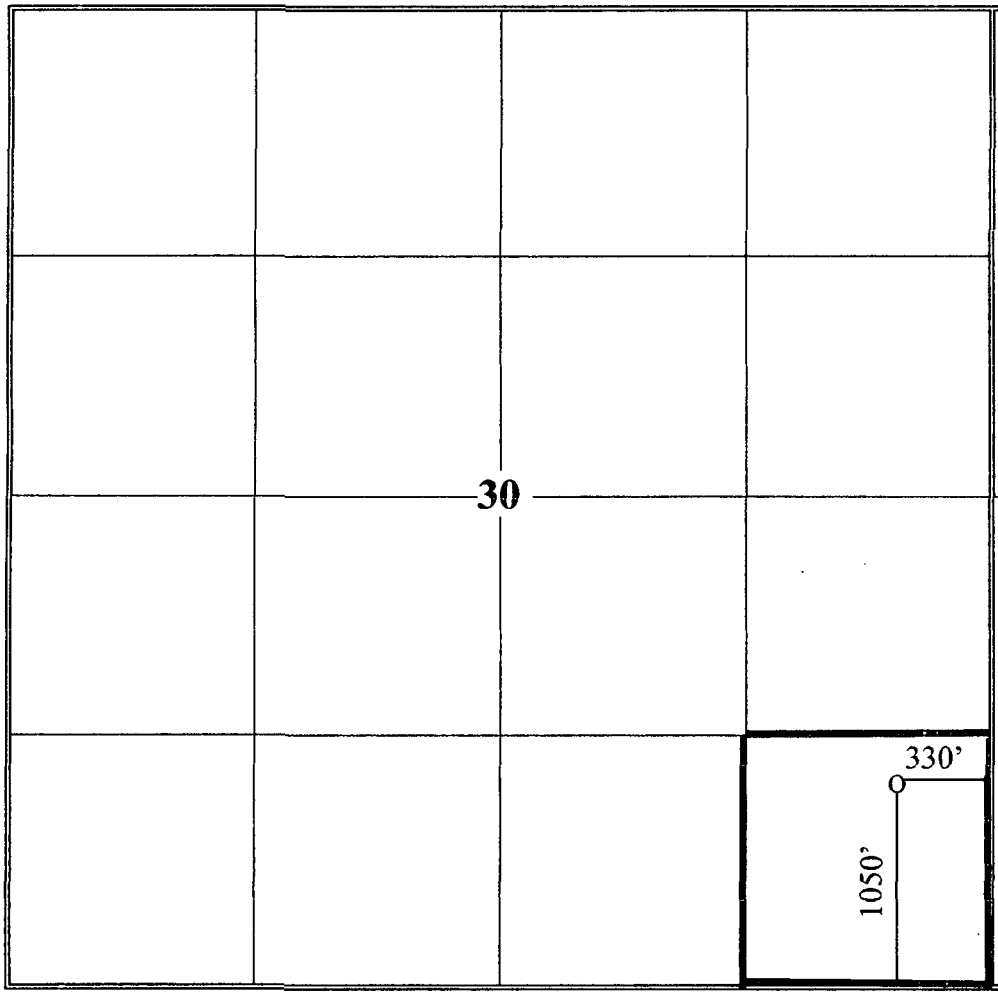
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	30	17-S	28-E		1050	SOUTH	330	EAST	EDDY

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Mike Pippin — 4/9/15
Signature — Date

Mike Pippin
Printed Name

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

2/2/10
Date of Survey

Signature and Seal of Professional Surveyor:
Gary G. Eidson

12641
Certificate Number