

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

WELL API NO. 30-015-41834
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SOLUTHERN UNION 30 G STATE
8. Well Number #3
9. OGRID Number 281994
10. Pool name or Wildcat Red Lake, Glorieta-Yeso NE (96836)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3563' GL

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 G : 1655 feet from the North line and 2375 feet from the East line
Section 30 Township 17-S Range 28-E NMPM Eddy County

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: Payadd Workover ☒

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 plans a same zone workover as follows: TOH w/tbg & ESP pump. Set a CBP @ ~4610' (above existing Tubbs perfs @ 4648'-5010'). PT 5-1/2" csg & CBP to ~3500 psi. Perf 1st Stage Yeso @ ~4417'-4575' w/~27 holes. Breakdown new perfs w/ ~1500 gal 15% HCL acid & frac w/ ~12,000# 100 mesh & ~101,400# 40/70 Ottawa in slick water.

Set a CBP @ ~4380'. PT 5-1/2" csg & CBP to ~3500 psi. Perf 2nd Stage Yeso @ ~4034'-4342' w/~31 holes. Breakdown new perfs w/ ~1500 gal 15% HCL acid & frac w/ ~22,500# 100 mesh & ~190,125# 40/70 Ottawa in slick water.

Set a CBP @ ~3960'. PT 5-1/2" csg & CBP to ~3500 psi. Perf 3rd Stage Yeso @ ~3590'-3888' w/~32 holes. Breakdown new perfs w/ ~1500 gal 15% HCL acid & frac w/ ~22,500# 100 mesh & ~190,125# 40/70 Ottawa in slick water.

CO after frac & drill out CBPs @ 3960', 4380', & 4610'. CO through old perfs to ~PBTD5013'. Land ESP pump on 2-7/8" 6.5# J-55 tbg @ ~3550'. Release workover rig & complete as a single Yeso oil well. See attached proposed wellbore diagram.

Bottom Hole @ 1660' FNL & 2278' FEL Sec 30.

Spud Date: 5/29/14

Drilling Rig Release Date: 6/4/14

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 9/12/14
Type or print name Mike Pippin E-mail address: mike@pippinllc.com PHONE: 505-327-4573
For State Use Only

APPROVED BY: SPDade TITLE Dist. H. Supervisor DATE 9-15-2014
Conditions of Approval (if any):

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 15 2014

RECEIVED

	County	EDDY	Well Name	Southern Union 30 G State #3	Field:	Redlake	Well Sketch:	AFE D13085
	Surface Lat:	32.8076604°N	BH Lat:	32.8076623°N	Survey:	S30-T17S-R28E Unit G	API #	30-015-41834
	Surface Long:	104.2134826°W	BH Long:	104.2131572°W		165S° FNL & 227S° FEL	OGRID #	281994

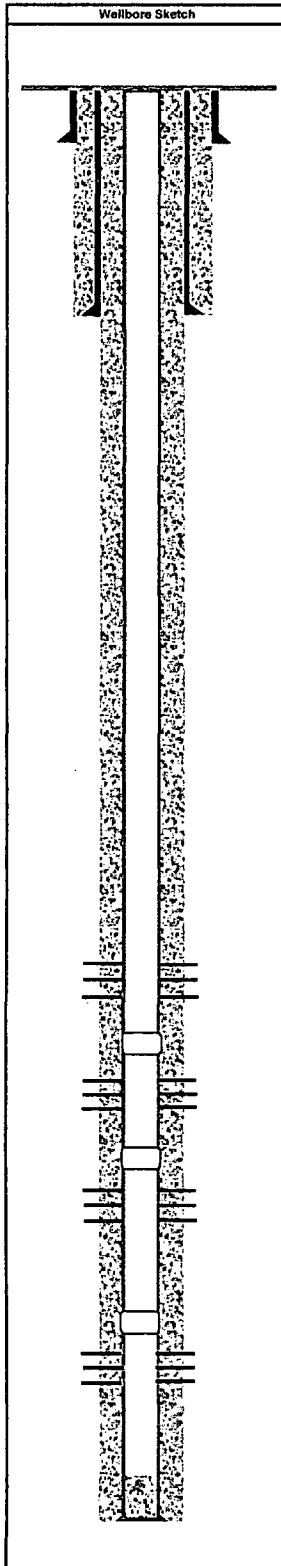
Directional Data:			
KOP	555'		
Max Dev.:	7.5°		
Dog sev:	3.54		
Dev @ Perts	.8°		
Ret to Vert:	1812'		

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	438'	438'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	5,068'	5,074'	SURF
Liner							

CEMENT DATA							
	L/ks	Yld	WT	T/ks	Yld	WT	XS
Surface	300	1.35	14.8				105 ex
Intermediate							
Liner							
Production	300	1.9	12.8	650	1.33	14.8	194 SX

Wellhead Data	
Type:	
WP:	
Flange:	
Tree Cap	
Thread:	
Tbg Hanger:	
BTM Flange:	
BPV Profile:	NA
Elevations:	GL - RKB = 11.8'
RKB:	3574.9
GL:	3,583.1'

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



Completion Information													
DEPTHS (MD)		FORMATION TOPS / WELL INFO		PERFORATIONS			# of HOLES		DETAILS				
				from		to							
0													
40'		20" Hole						14" Conductor Pipe					
438'		11" Hole						8-5/8" Surf Csg Circ 105 sx Cmt to surf					
483'		Seven Rivers											
1,029'		Queen											
1,459'		Grayburg											
1,723'		Premier											
1,764'		San Andres											
3,154'		Glorieta											
3,278'		Yeso											
		Yeso Stage #3		3,590'		3,888'	32	298', 1500 g 15% HCL, 15,357 bbls fresh water,					
								190,125# 40/70 Ottawa, 22,500 # 100 Mesh					
		CBP @ 3960'											
		Yeso Stage #2		4,034'		4,342'	31	308', 1500 g 15% HCL, 15,357 bbls fresh water,					
								190,125# 40/70 Ottawa, 22,500 # 100 Mesh					
		CBP @ 4380'											
		Yeso Stage #1		4,417'		4,575'	27	158', 1500 g 15% HCL, 8190 bbls fresh water,					
								101,400 # 40/70 Ottawa, 12,000 # 100 Mesh					
4,648'		Tubb											
		CBP @ 4610'											
		Tubb Stage #1		4,648'		5,011'	36	383'; 2000 g 15% HCL, 25,800 bbls fresh water,					
								319,410 # 40/70 Ottawa, 37,800 # 100 Mesh					
		PSTD						Float Collar					
5,074'		PROD CSG						5-1/2" Prod Csg. Circ 194 SX Cmt to Surf					
Comments:								Plug back Depth:			MD		
								Total Well Depth:		5105' MD		5099' TVD	
								Prepared By:		Date:			
								Eric McClusky		12-Sep-14			