

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 <b>SOLUTHERN UNION 30 G STATE</b>
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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input checked="" type="checkbox"/>			
OTHER: Payadd Workover <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 ~PBD5013'. 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: RP Dade TITLE Dist. P. Supervisor DATE 9-05-2014  
 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	LRE Operating, LLC - Yeso Completion	API #
Surface Long:	104.2134826°W	BH Long:	104.2131572°W			1655' FNL & 2275' FEL	OGRID #	281994

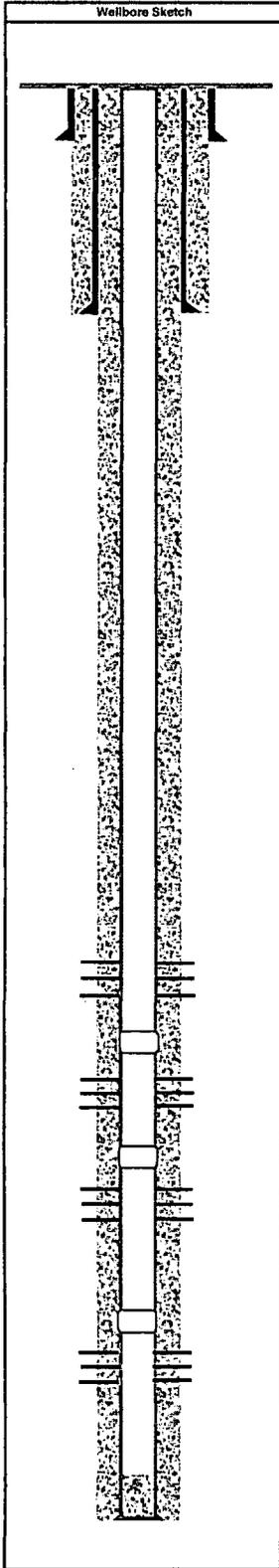
Directional Data:	
KOP	555'
Max Dev.:	7.5°
Diag sev:	3.54
Dev @ Perts	.8°
Ret to Vert:	1812'

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							

Wellhead Data	
Type:	
WP:	
Tree Cap	Flange:
	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

CEMENT DATA							
	L/cks	Yld	WT	T/cks	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



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 ex 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 @ 4810'				
	Tubb Stage #1	4,648'	5,011'	38	383', 2000 g 15% HCL, 25,800 bbls fresh water, 318,410 # 40/70 Ottawa, 37,800 # 100 Mesh
	PBTD				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