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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-30907

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
NO BLUFF STATE COM

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 D : 660 feet from the North line and 860 feet from the West line
Section 36 Township 17-S Range 27-E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3589' 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: Plugback & Recomplete into Yeso			☒	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 plugback from the Wolfcamp & recomplete into the Yeso as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" CIBP @ ~6350' & top w/25 sx cmt (~226'). WOC. Tag cmt. (Existing Wolfcamp perfs are @ 6370'-7078'). PT 5-1/2" csg to ~3500 psi. Perf lower Yeso @ ~4090'-4413' w/~33 holes. Stimulate with ~3300 gal 15% HCL acid & frac w/~102,000# 16/30 sand in 20# X-linked gel. Set a 5-1/2" CBP @ ~4050' & PT 5-1/2" csg & CBP to ~3500 psi. Perf middle Yeso @ ~3674'-3983' w/~31 holes. Stimulate with ~3100 gal 15% HCL acid & frac w/~91,000# 16/30 sand in 20# X-linked gel. Set a 5-1/2" CBP @ ~3650' & PT 5-1/2" csg & CBP to ~3500 psi. Perf upperYeso @ ~3390'-3627' w/~24 holes. Stimulate with ~2400 gal 15% HCL acid & frac w/~73,000# 16/30 sand in 20# X-linked gel. Set a 5-1/2" CBP @ ~3365' & PT 5-1/2" csg & CBP to ~3500 psi. Perf upperYeso @ ~3170'-3341' w/~35 holes. Stimulate with ~1800 gal 15% HCL acid & frac w/~67,000# 16/30 sand in 20# X-linked gel.
CO after frac & drill out CBPs @ 3365', 3650', & 4050' & CO to TOC @ ~6124'. Land 2-7/8" production tbg @ ~4505'. Run pump & rods & release workover rig. Complete as a single Yeso oil well. See the attached proposed wellbore diagram.

Spud Date: 1/19/00 Drilling Rig Release Date: 2/25/00

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 9/25/13

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 II Supervisor DATE 9/30/2013

Conditions of Approval (if any):

RECEIVED
SEP 30 2013
NMOCD ARTESIA

LIME ROCK RESOURCES	County	Well Name	Field	Well Sketch: AFE #R13026
	Eddy, New Mexico	NO BLUFF 36 STATE COM #1	Red Lake	Proposed Yeso Recompletion
	Surface Lat:	BH Lat: 0	Survey: Sec. 36-T17S-R27E (Unit D)	API # 30-015-30907
	Surface Long:	BH Long: 0	660' FNL & 860' FWL	OGRID# 148111

Directional Data:

KOP	0'
Max Dev.:	0.0°
Dleg sev:	0.0°
Dev @ Perfs	0.0°
Ret to Vert:	0'

Drilling / Completion Fluid

Drilling Fluid:	
Drilling Fluid:	
Completion Fluid:	
Completion Fluid:	
Packer Fluid:	

Tubular Data

Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	20"	84#	DRIVE	8RD	40'	40'	-
Surface	13 3/8"	61#	J-55	STC	445'	445'	SURF
Intermediate	8 5/8"	32#	J-55	LTC	1,855'	1,855'	SURF
Production	5 1/2"	17#	P-110	LTC	9,834'	9,834'	
Tubing	2 7/8"	6.5#	L-80	8RD	7,179'	7,179'	

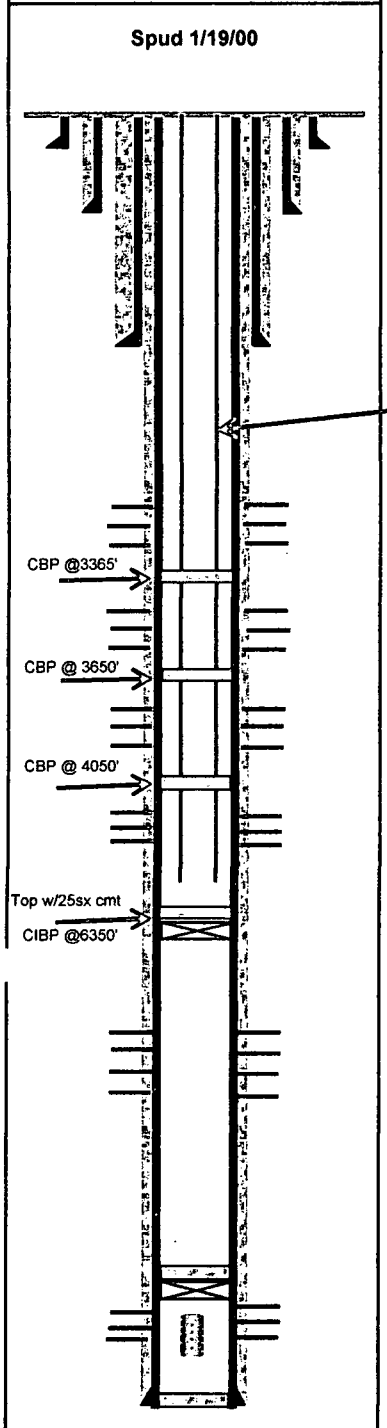
CEMENT DATA

	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	150	1.6	13.2	400	1.56	13.8	
Intermediate	700			200			
Prod 1st Stage	400	1.95	12.8	175	1.31	14.4	
Prod 2nd Stage	425	1.94	12.8	400	1.31	14.4	
Prod 3rd Stage	25	2.15	12.4	600	1.33	14.8	

Wellhead Data

Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	
Elevations:	3,589'
RKB-GL:	
DF - GL:	

Wellbore Sketch



Drilling Information

DEPTHS (TVD)	FORMATION TOPS /	PERFORATIONS from	to	# of HOLES	DETAILS
0'					
445'	SURFACE CASING				550 sx cmt; circ cmt to surface
740'	BOWERS SAND				
935'	QUEEN				
1,695'	SAN ANDRES				
1,855'	INTERMEDIATE CSG				900 sx cmt; circ cmt to surface
3,065'	GLORIETTA				

2 7/8" tbg w TAC @3070', SN@4440', 4' slotted sub, 2 jt MA w BP @ ~ 4505'

3,180'	YESO				
	STAGE #4 YESO	**3,170'**	**3,341'**	**35**	171'; 1800 g 15% HCL & 53 bio balls; 25# xlink gel
					49 K #'s 16/30 Brady & 18 K #'s 16/30 Resin @65 BPM
	CBP @ 3365'				237'; 2400 g 15% HCL & 36 bio balls; 20# xlink gel
	STAGE #3 YESO	**3,390'**	**3,627'**	**24**	55 K #'s 16/30 Brady & 18 K #'s 16/30 Resin @ 65 BPM
3,530'	DV TOOL				625 sx cmt; TOC @ Int Csg @ 1855' - CBL
	CBP @3650'				
	STAGE #2 YESO	**3,674'**	**3,983'**	**31**	309'; 3100 g 15% HCL & 47 bio balls; 20# xlink gel
					73 K #'s 16/30 Brady & 18 K #'s 16/30 Resin @ 65 BPM
	CBP @ 4050'				
	STAGE #1 YESO	**4,090'**	**4,413'**	**33**	323'; 3300 g 15% HCL & 50 bio balls;20# xlink gel
	CIBP @6350' w/25sx cement on top				84 K #'s 16/30 Brady & 18 K #'s 16/30 Resin @ 65 BPM
4,550'	TUBB				
5,202'	ABO				Frac: 3990 g 15% HCL & 84 bio balls; 20# xlink gel
6,418'	WOLFCAMP	6,370'	6,581'	42	98,943 # 16/30 & 52,460 # 20/40 Resin @ 61 BPM
	WOLFCAMP	6,936'	6,954'	72	Treat w/ 3k gal 15% NEFE, 30k gal htd 20% HCL + 40k
	WOLFCAMP	7,072'	7,078'	24	gal htd 40# gel + 3k gal 15% HCl cool-down (5/12/09 - 5/14/09))
7,206'	DV TOOL				825 SX cmt; TOC @ DV @ 3530' - CBL
7,668'	CISCO				
8,898'	STRAWN				
9,276'	ATOKA				
9,510'	MORROW				CIBP @ 9,600' w/ 10' of Cement (5/12/09)
	MORROW	9,634'	9,638'	17	Frac w/ 38,500# of 20/40 Interprop (3/30/00)
	MORROW	9,652'	9,658'	25	
9,834'	PRODUCTION CASING				575 sx cmt; TOC @ DV @ 7206 - CBL
9,927'	TD				TCP Gun @ 9,742'

Comments:

Plug back Depth:	9,600'	
Total Well Depth:	9,927'	
Prepared By:	Date:	
Eric McClusky	24-Sep-13	