

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

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

WELL API NO. 30-015-41070
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name KAISER 18H
8. Well Number #14
9. OGRID Number 277558
10. Pool name or Wildcat Red Lake, Glorieta-Yeso (51120)

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 LIME ROCK RESOURCES II-A, L.P. 3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401 4. Well Location Unit Letter <u>H</u> : <u>1740</u> feet from the <u>NORTH</u> line and <u>800</u> feet from the <u>EAST</u> line Section <u>18</u> Township <u>18-S</u> Range <u>27-E</u> NMPM <u>Eddy</u> County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3289' GL	
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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: PAYADD WORKOVER ☒		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.

Lime Rock would like to perform a payadd workover on this Yeso oil well as follows: MIRUSU. TOH w/rods, pump, & tbq. W/5-1/2" RBP @ 3070' & PKR @ 304', PT 5-1/2" csg to 3500 psi. (Existing Yeso perms are @ 3080'-4190'). TOH. Set a 5-1/2" CBP @ ~3170'. Perf Yeso additional Yeso @ ~2840'-3065' w/~32 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~347,340# 40/70 sand in slick water.

CO after frac & drill out CBP @ 3170', & CO to PBTD4240'. Land 2-7/8" 6.5# L-80 production tbq @ ~4195'. Release workover rig. Complete as a single Yeso oil well. See the attached proposed wellbore diagram.

Spud Date: 7/21/14

Drilling Rig Release Date: 7/30/14

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 5/24/16

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

For State Use Only

APPROVED BY: [Signature] TITLE "Geologist" DATE 6/27/16
Conditions of Approval (if any):

NM OIL CONSERVATION
ARTESIA DISTRICT
MAY 25 2016
RECEIVED

	County EDDY	Well Name Kaiser B 18H #14	Field: East Artesia Glorieta-Yeso	Well Sketch: AFE W16050 Lime Rock Resources II-A, L.P.
	Surface Lat: 32.8116130°N Surface Long: 104.1346602°W	BH Lat: 32.8111228°N BH Long: 104.1347975°W	Survey: S18-T18S-R27E Unit H 1740' FNL & 800' FWL	API # 30-015-41070 OGRID # 281994

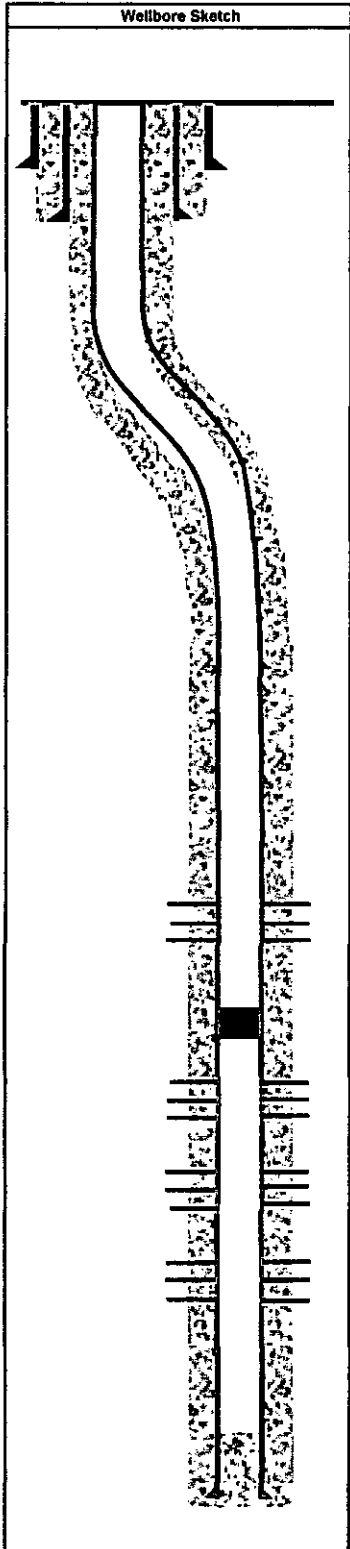
Directional Data:			
KOP	500	MD/TVD	
Max Dev.:	12.4	954' MD 949' TVD	
Dieg sev:	4.13	601' MD 600' TVD	
Dev @ Perfs	0.8	3648' MD 3630' TVD	
Ret to Vert:	1,949	1949' MD 1931' TVD	

Tubular Data							
Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	26"	55.5#	B	Weld	80'	80'	SURF
Surface	8 5/8"	24#	J-55	STC	460'	460'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,278'	4,296'	SURF
Liner							

CEMENT DATA							
	L/cks	Yld	Wt	T/cks	Yld	Wt	XS
Surface	335	1.35	14.8	NA	NA	NA	47 sx
Intermediate							
Liner							
Production	275	1.9	14.8	350	1.33	14.8	183 sx

Wellhead Data	
Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
BTM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 11.8'
RKB:	3300.7
GL:	3,288.9'

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)(TVD)	FORMATION TOPS / WELL	PERFORATIONS		# of HOLES	
		from	to		
0					
80'	26" Hole				
460'	12-1/4" Hole				
500'	7-7/8" hole KOP				
524'	Queen Formation				
890' / 886'	End Build				
944' / 940'	Grayburg Formation				
1191' / 1182'	San Andres Formation				
1306' / 1293'	End Tangent - Start Drop				
1949' / 1931'	Return to Vertical				
2794' / 2777'	Glorieta Formation				
2850' / 2833'	Yeso Formation				
2 7/8" 6.5# L80 tbg w TAC at 2700', SN at 4160', 4' slotted sub, 1 ft MA w BP at 4185' 20-7/8" KD rods, 58 - 7/8" KD 6 guides/rod, 85- 7/8" KD rods 4-1.5" kbars, 2.5"x2"x24' RHBC-HVR pump 912-365-168 w 50 HP motor set in 168" Stroke Length at 8 spm					
	Upper Yeso Stage #1	2,840'	3,158'	44	
32 new holes 2840'-3064'; 12 old holes 3080'-3158'					
CBP at 3170'					
Stages 1-3 of Yeso Completed 3/20/13					
	Stage 3 Lower Yeso Frac	3,080'	3,418'	39	
	Stage 2 Lower Yeso Frac	3,480'	3,811'	49	
	Stage 1 Lower Yeso Frac	3,870'	4,191'	42	
4115' / 4098'	Tubb Formation				
4248' / 4231'	PSTD				
4296' / 4278'	PROD CSG				
Comments: NM OCD CLP 0213935				Plug back Depth:	4231' TVD 4249' MD
				Total Well Depth:	4278' TVD 4296' MD
				Prepared By:	Date:
				Eric McClusky	23-May-16

DETAILS	
20" Conductor Pipe	
8-5/8" Surf Csg Circ 47sx Cmt to surf(top out)	
Kick off to 3"/100'	
End Build - Start 12+ Tangent	
Drop - Start @ 1.5"/100'	
Return to vertical	
318', 1600 g 15% HCL, 6214 bbls water,	
347,340 # 40/70 Ottawa, 30,000 # 100 Mesh	
80-100 BPM	
338', 2184 g 7.5% HCL, 62,548 g 20# gel	
89,284# 16/30 Brady, 22,525 # 16/30 Resin	
331', 2067 g 7.5% HCL, 61,521 g 20# gel	
92,394# 16/30 Brady, 13,403 # 16/30 Resin	
321', 2000 g 7.5% HCL, 58,474 g 20# gel	
87,735# 16/30 Brady, 17,343 # 16/30 Resin	
5-1/2" Float Collar	
5-1/2" Prod Csg. Circ 183 SX Cmt to Surf	