

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. 30-015-40796
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name KAISER 18A
8. Well Number #15
9. OGRID Number 277558
10. Pool name or Wildcat Red Lake, Glorieta-Yeso (51120)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3292' 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 ☐	RECEIVED
2. Name of Operator LIME ROCK RESOURCES II-A, L.P.	JUN 10 2016
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401	
4. Well Location Unit Letter A : 330 feet from the North line and 800 feet from the East line Section 18 Township 18-S Range 27-E NMPM Eddy County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3292' GL	

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.

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 @ ~3014' & PKR @ ~2984', PT 5-1/2" csg to 3500 psi. TOH. Set a 5-1/2" CBP @ ~3403'. Perf additional Yeso @ ~3290'-3331' w/~5 holes. Stimulate new perfs @ 3290'-3331' (5 holes) & old perfs @ 3030'-3401' (48 holes) with ~1500 gal 15% HCL acid & frac w/~304,500# 40/70 sand in slick water.

Set a 5-1/2" CBP @ ~3014' & PT to ~3500 psi. Perf additional Yeso @ ~2800'-2997' w/~39 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~229,740# 40/70 sand in slick water.

CO after frac & drill out CBPs @ 3014' & 3403', & CO to PBTD4365'. Run 2-7/8" 6.5# L-80 production tbq & land @ ~4135'. Run pump & rods. Release workover rig. Complete as a single Yeso oil well. See the attached proposed wellbore diagram.

Spud Date: 10/27/12

Drilling Rig Release Date: 11/5/12

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 6/8/16

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

For State Use Only

APPROVED BY Bryan Sharp TITLE Burly Spec-Adv DATE 6-10-16

Conditions of Approval (if any):

	County	EDDY	Well Name	Kaiser 18A #15	Field:	East Artesia	Well Sketch:	AFE W16054
	Surface Lat:	32.7540618°N	BH Lat:	32.7540397°N	Survey:	S18-T18S-R27E Unit A	API #	30-015-40796
	Surface Long:	104.3112603°W	BH Long:	104.3097321°W		330' FNL & 800' FEL	OGRID #	281994

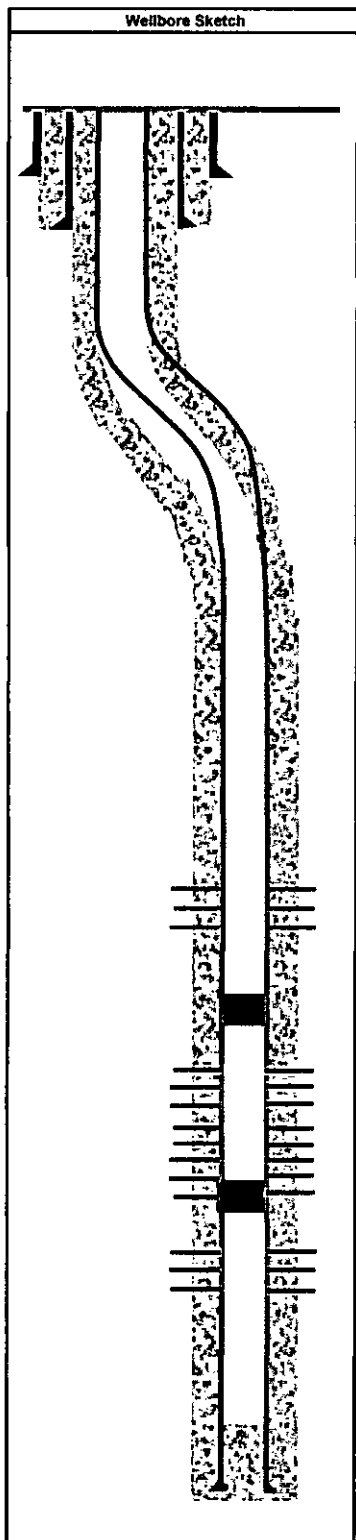
Directional Data:			
KOP	451	MD/TVD	
Max Dev.:	25.1	1459' MD	1424' TVD
Dleg sev:	4.75	1079' MD	1073' TVD
Dev @ Perfs	0.8	3648' MD	3630' TVD
Ret to Vert:	2.410	2410' MD	2330' TVD

Tubular Data							
Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC
Conductor	20"		B	Weld	84'	84'	SURF
Surface	8 5/8"	24#	J-55	STC	424'	424'	SURF
Intermediate							
Production	5 1/2"	17#	J-55	LTC	4,289'	4,370'	SURF
Liner							

CEMENT DATA							
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	300	1.35	14.8	NA	NA	NA	29 sx
Intermediate							
Liner							
Production	250	1.9	14.8	625	1.33	14.8	156 sx

Wellhead Data	
Type:	
WP:	
Tree Cap	Flange:
	Thread:
Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 13.4'
RKB:	3304.9
GL:	3,291.5'

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	DETAILS
		from	to		
0					
84'	26" Hole				20" Conductor Pipe
424'	12-1/4" Hole				8-5/8" Surf Csg Circ 29sx Cmt to surf
451'	7-7/8" hole KOP				Kick off to 3"/100'
538'	Queen Formation				
1459' / 1424'	End Build				End Build - Start 25+ Tangent
921' / 919'	Grayburg Formation				
1174' / 1163'	San Andres Formation				
1491' / 1453'	End Tangent - Start Drop				Drop - Start @ 1.5"-4"/100'
2410' / 2330'	Return to Vertical				Return to vertical
2895' / 2614'	Glorieta Formation				
2800' / 2719'	Yeso Formation				
2 7/8" 6.5# L80 tbg w TAC at 2700', SN at 4100', 4' slotted sub, 1 jt MA w BP at 4135' 11-1" FG rods, 64 - 1" FG 6 guides/rod, 40- 1" KD rods 11-1.5" kbars, 2.5"x2"x24" RHBC-HVR pump 640-365-168 w 50 HP motor set in 168" Stroke Length at 8 spm					
	Upper Yeso Stage #2	2,800'	2,997'	39	197', 1500 g 15% HCL, 6614 bbls water,
					229,740 # 40/70 Ottawa, 30,000 # 100 Mesh
					80-100 BPM
	CBP at 3014'				371', 1500 g 15% HCL, 9800 bbls water,
	Yeso Stage #1 Refrac	3,030'	3,401'	48	304,500 # 40/70 Ottawa, 80-100 BPM
	Stage 3 Lower Yeso Frac	3,030'	3,283'	47	253', 1927 g 7.5% HCL, 51,144 g 20# gel
					72,950# 16/30 Brady, 18,088 # 16/30 Resin
	Yeso Stage #1 Add Perfs	3,290'	3,331'	5'	41', 5 holes - Add perfs before stage #1 frac
	Stage 2 Lower Yeso Frac	3,340'	3,551'	40	211', 1000 g 7.5% HCL, 41,435 g 20# gel
					54,999# 16/30 Brady, 15,809 # 16/30 Resin
	CBP at 3403'				
					341', 2000 g 7.5% HCL, 62,198 g 25# gel
	Stage 1 Lower Yeso Frac	3,750'	4,091'	47	89,715# 16/30 Brady, 15,678 # 16/30 Resin
4121' / 4040'	Tubb Formation				5-1/2" Float Collar
4365' / 4284'	PBTD				5-1/2" Prod Csg, Circ 156 SX Cmt to Surf
4370' / 4289'	PROD CSG				
Comments: NM OCD CLP 0213564				Plug back Depth: 4284' TVD 4365' MD Total Well Depth: 4344' TVD 4425' MD Prepared By: Eric McClusky Date: 7-Jun-16	