

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
FEB 05 2018

Form C-103
Revised July 18, 2013

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.)		WELL API NO. 30-015-34838
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator LIME ROCK RESOURCES II-A, L.P.		6. State Oil & Gas Lease No.
3. Address of Operator c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401		7. Lease Name or Unit Agreement Name STIRLING 7 C
4. Well Location Unit Letter <u>C</u> : <u>990</u> feet from the <u>NORTH</u> line and <u>1650</u> feet from the <u>WEST</u> line Section <u>7</u> Township <u>18-S</u> Range <u>27-E</u> NMPM Eddy County		8. Well Number <u>#4</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3288' GL		9. OGRID Number <u>277558</u>
		10. Pool name or Wildcat Red Lake, Glorieta-Yeso (51120)

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: <u>Payadd Workover</u> ☒		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.
THE FOLLOWING IS FOR A PAYADD WORKOVER ON THIS YESO OIL WELL:

TOH w/rods, pump, & tbg.. (Existing perfs are 57 holes @ 3247'-3528'). CO to 3605'. TOH. Using 5-1/2" RBP & PKR, PT 5-1/2" csg to 3500 psi for 15 min. Set a 5-1/2" CBP @ 3230'. Perf Yeso @ 2962'-3181' w/27 holes. Set 5-1/2" pkr on 3.5" 9.3# L-80 frac string @ 2880'. Pump 15-20 bpm down 5-1/2" csg while treating new perfs. Treat perfs down frac string w/1500 gal 15% HCL acid & frac w/30,000# 100 mesh & 190,260# 40/70 sand in slick water. TOH.

Set 5-1/2" CBP @ 2920'. Perf Yeso @ 2538'-2881' w/25 holes. Treat perfs down 5-1/2" csg w/1500 gal 15% HCL acid & frac w/30,000# 100 mesh & 317,310# 40/70 sand in slick water.

CO after frac, drill CBPs @ 2920' & 3230', & CO to PBTD @ 3605'. Land ESP on 2-7/8" 6.5# L-80 tbg @ 2490'. Release completion rig. Complete well as a single Yeso oil well. See the attached WBD.

Spud Date: 6/19/06

Drilling Rig Release Date: 6/30/06

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 2/1/18

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

For State Use Only

APPROVED BY: [Signature] TITLE Staff Mgr DATE 2-6-18
Conditions of Approval (if any):

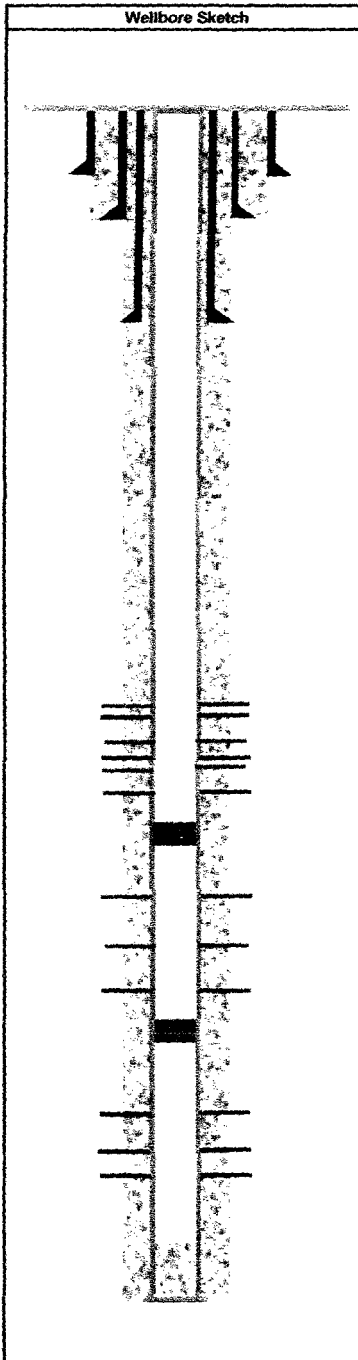
 LIME ROCK RESOURCES	County	EDDY	Well Name	Stirling 7C #4	Field:	East Artesia Glorieta-Yeso NE	Well Sketch:	AFE W18016 Lime Rock Resources II-A, L.P.
	Surface Lat:	32.46013°N	BH Lat:	32.46013°N	Survey:	Sec 7-T18S-R27E	API #	30-015-34838
	Surface Long:	104.1916°W	BH Long:	104.1916°W		990' FNL & 1650' FWL	OGRID #	277558

Directional Data:		Tubular Data								Wellhead Data	
KOP	Vertical Well	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type:	
Max Dev.:		Conductor	16"	55.5#	B	Weld	40'	40'	SURF	WP:	
Dleg sev:		Surface	13 3/8"	48#	J-55	STC	183'	183'	SURF	Tree Cap	Flange:
Dev @ Perfs		Intermediate	8 5/8"	24#	J-55	STC	1,065'	1,065'	SURF		Thread:
Ret to Vert:		Production	5 1/2"	15.5#	J-55	LTC	3,635'	3,635'	SURF		
	Liner										

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/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	100	1.35	14.8	175	NA	NA	17 sx
Intermediate	575	1.35	14.8	220	NA	NA	100 sx
Liner							
Production	110	1.9	12.8	630	1.33	14.8	52 sx

Tbg Hanger:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 13.4'
RKB:	3,301.4'
GL:	3,288.0'



Completion Information						
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES	DETAILS	
		from	to			
0						
40'	20" Hole				16" Conductor Pipe	
183'	17-1/2" Hole				13-3/8" Surf Csg Circ 17 sx Cmt to surf	
763'	Grayburg					
1,065'	12 1/4" Hole				8 5/8" Intermediate Csg Circ 100 sx Cmt to surf	
1,049'	San Andres					
2 7/8" 6.5# L80 Seamless tbg w ESP at 2490' and new 1/4" cap string. Run the ESP initially at 50 HZ.						
Desander & 10 JT MA						
2,386'	Glorieta Formation					
2,490'	Yeso					
Frac Stage #2 Down 5 1/2" 15.5# J55 Csg						
	Stage #2 - Yeso	2,538'		2,881'	25	343', 1500 g 15% HCL
9/6/11 shot 14 holes 2545'-2777' Did Not Stimulate						
9/6/11 - Potential bad csg 2543'-2779' - 238' - found w PKR & CBP						
CBP at 2920'						
						30,000 # 100 Mesh, 317,310# 40/70
						8,214 bbls water, 80-100 BPM
	Stage #1 - Yeso	2,962'		3,181'	27	219', 1500 g 15% HCL
3.5" 9.3# L80 w PKR set at 2880' (15-20 BPM down backside)						
CBP at 3230'						
7/23/06	Original Yeso Frac #1	3,247'		3,528'	31	30,000 # 100 Mesh, 190,260# 40/70
						5,814 bbls water, 40-60 BPM
7/19/2011	Yeso Frac #2	3,247'		3,528'	43	281', 10# brine, 15,500# 14/30 liteprop
Per'd 12 additional holes 3324'-3477'						
						& 20,500 #16/30 Resin (128#/ft pay)
3,635'	PROD CSG					281', 3990 g 15% HCL, 83,894# 16/30 Ottawa
(3247'-3528'): 134,284 # sand total = 478 # sand/ft pay						
14,390 # 16/30 Resin w 20# gel (350#/ft pay)						
5-1/2" Prod Csg Circ 52 SX Cmt to Surf						
Plug back Depth:					3,605'	
Total Well Depth:					3,635'	
Prepared By:					Date:	
Eric McClusky					31-Jan-18	