

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

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

WELL API NO. 015-35095
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name SIMPSON 15 A
8. Well Number #1
9. OGRID Number 277558
10. Pool name or Wildcat Atoka, Glorieta-Yeso (3250)

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED
(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 A : 330 feet from the NORTH line and 330 feet from the EAST line
Section 15 Township 18-S Range 26-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3327' 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.

THE FOLLOWING IS FOR A PAYADD WORKOVER ON THIS YESO OIL WELL:

TOH w/rods, pump, & tbg.. Existing perfs are 31-0.40" holes @ 2420'-3201'. Run 4-3/4" bit & csg scraper on 2-7/8" tbg & drill & CO to new PBTD 3505'. TOH. W/5-1/2" RBP @ 2370' & 5-1/2" PKR @ 2340', PT 5-1/2" csg to 3500 psi for 15 min. TOH. Perf Yeso @ 3284'-3461' w/25 holes. Set 5-1/2" pkr on 3.5" 9.3# L-80 frac string @ 3250'. Pump 10-20 bpm down 5-1/2" csg while treating new perfs. Treat new perfs down frac string w/1500 gal 15% HCL acid & frac w/30,000# 100 mesh & 158,760# 40/70 sand in slick water. TOH.

Set 5-1/2" CBP @ 3240'. Perf Yeso @ 2910'-3201' w/31 holes. Set 5-1/2" pkr on 3.5" 9.3# L-80 frac string @ 2800'. Pump 10-20 bpm down 5-1/2" csg while treating perfs. Treat perfs down frac string w/1500 gal 15% HCL acid & frac w/30,000# 100 mesh & 267,330# 40/70 sand in slick water. TOH.

Set 5-1/2" CBP @ 2850'. Perf Yeso @ 2420'-2787' w/40 holes. Treat perfs down 5-1/2" csg w/1500 gal 15% HCL acid & frac w/30,000# 100 mesh & 339,570# 40/70 sand in slick water.

CO after frac, drill CBPs @ 2850' & 3240', & CO to PBTD @ 3505'. Land ESP intake on 2-7/8" 6.5# L-80 tbg @ 2370'. Release completion rig. Complete well as a single Yeso oil well.

Spud Date: 3/5/07

Drilling Rig Release Date: 3/16/07

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 10/30/17

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 Mr.

DATE 10-31-17

Conditions of Approval (if any):

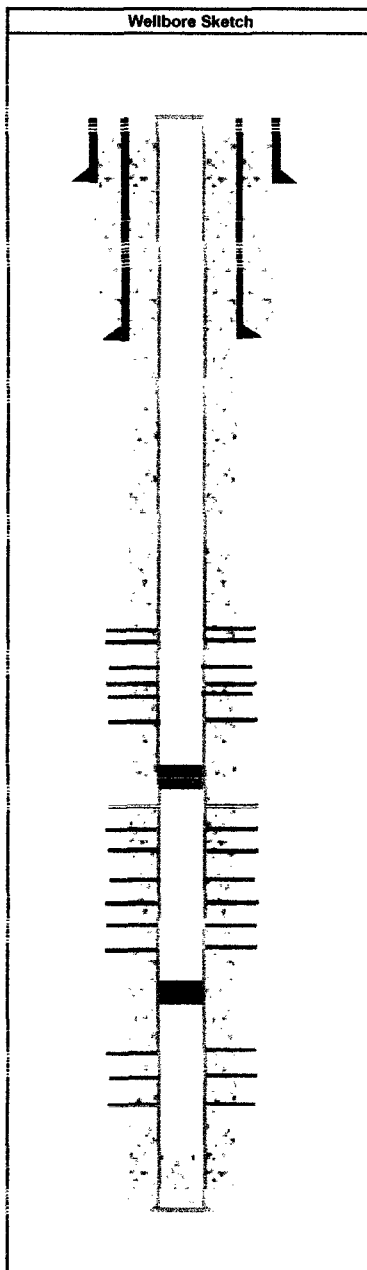
	County	EDDY	Well Name	Simpson 15A #1	Field	East Artesia	Well Sketch	AFE W17141
	Surface Lat: 32.45141°N		BH Lat: 32.45141°N		Survey: Sec 15-T18S-R26E		API # 30-015-35095	
Surface Long: 104 21454°W		BH Long: 104 21454°W		330' FNL & 330' FEL		OGRID # 277558		

Directional Data:		Tubular Data								Wellhead Data	
KOP	Vertical Well	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type:	
Max Dev.:		Conductor	14"	55.5#	B	Weld	40'	40'	SURF	WHP:	
Oleg sev:		Surface	8 5/8"	24#	J-55	STC	880'	880'	SURF	Tree Cap	Flange:
Dev @ Perfs		Intermediate								Thread:	
Ret to Vert:		Production	5 1/2"	15.5#	J-55	LTC	3,505'	3,505'	SURF		
		Liner									

CEMENT DATA							
	L/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	440	1.35	14.8	200	NA	NA	20 sx
Intermediate							
Liner							
Production	200	1.9	12.9	360	1.33	14.8	62 sx

Drilling / Completion Fluid	
Drilling Fluid:	10.2 PPG Brine / Salt Gel
Drilling Fluid:	
Completion Fluid:	2% KCL
Completion Fluid:	
Pecker Fluid:	NA

Type:	
8TM Flange:	
BPV Profile:	NA
Elevations:	GR - RKB = 13.4'
RKB:	3,324.4'
Q/L:	3,311.0'



Completion Information						
DEPTHS (MD)	FORMATION TOPS / WELL INFO	PERFORATIONS		# of HOLES		DETAILS
		from	to			
0						
40'	20" Hole					14" Conductor Pipe
312'	Queen Formation					
880'	12-1/4" Hole					8-5/8" Surf Csg Circ 20 sx Cmt to surf
953'	San Andres					
2 7/8" 6.5# L80 Seamless tbg w ESP at 2370' and new 1/4" cap string. Run the ESP initially at 50 HZ.						
Desander & 10 JT MA						
2,291'	Glorieta Formation					
2,385'	Yeso					
	Stage #3 - Yeso	2,420'	2,787'	40		367', 110 g paraffin solvent, 1500 g 15% HCL
	Frac down 5.5" Casing					30,000 # 100 Mesh, 339,570# 40/70
						8612 bbls water, 80-100 BPM
	CBP at 2850'					
	Original Yeso Frac	2,420'	3,201'	31		781', 127kg 10# brine, 15,000# 20/40 liteprop
	Original Yeso Frac 3/28/2007					& 20,500 #16/30 Resin (45#/ft pay)
	Stage #2 - Yeso	2,910'	3,201'	31		291', 110 g paraffin solvent, 1500 g 15% HCL
	3.5" 9.3# L80 w PKR set at 2800'					30,000 # 100 Mesh, 267,330# 40/70
						7312 bbls water, 40-60 BPM
	CBP at 3240'					
	Stage #1 - Yeso	3,284'	3,461'	25		177', 110 g paraffin solvent, 1500 g 15% HCL
	3.5" 9.3# L80 w PKR set at 3250'					30,000 # 100 Mesh, 158,760# 40/70
						5312 bbls water, 40-60 BPM
3,505'	PROD CSG					5-1/2" Prod Csg. Circ 62 SX Cmt to Surf
Plug back Depth:						3,454'
Total Well Depth:						3,505'
Prepared By:						Date:
Eric McClusky						27-Oct-17