

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

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. 30-015-40795
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>2130</u> feet from the <u>WEST</u> line Section <u>7</u> Township <u>18-S</u> Range <u>27-E</u> NMPM <u>Eddy</u> County		8. Well Number #7
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3295' GL		9. OGRID Number 277558
		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:

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 @ ~2680' & PKR @ ~2650', PT 5-1/2" csg to 3500 psi. (Existing Yeso perms are @ 2700'-3970'). TOH. Set a 5-1/2" CBP @ ~2980'. Perf Yeso additional Yeso @ ~2550'-2688' w/~25 holes. Stimulate with ~1500 gal 15% HCL acid & frac w/~30,000# 100 mesh & ~441,840# 40/70 sand in slick water.

CO after frac & drill out CBP @ 2980', & CO to PBTD4270'. Land 2-7/8" 6.5# L-80 production tbq @ ~4035'. 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 5/25/16

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

For State Use Only

"Geologist"

APPROVED BY: [Signature] TITLE Geologist DATE 6/28/16
Conditions of Approval (if any):

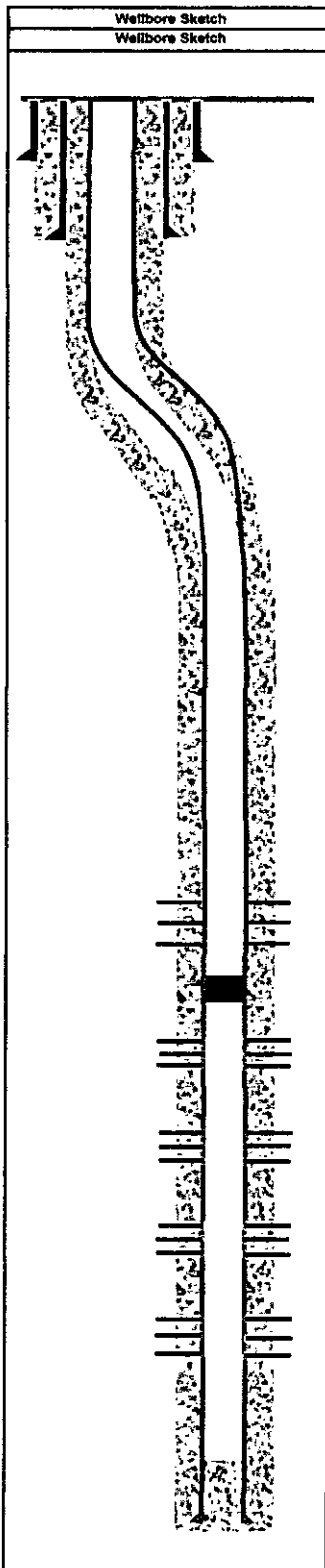
NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 28 2016
RECEIVED

	County	EDDY	Well Name	Stirling 7C #7	Field:	East Artesia	Well Sketch:	AFE W16053
	Surface Lat:	32.7668824°N	BH Lat:	32.7668569°N	Survey:	SEC7-T18S-R27E Unit C	API #	30-015-40785
	Surface Long:	104.3189287°W	BH Long:	104.3183394°W		990' FNL & 2346' FWL	OGRID #	277558

Directional Data:			Tubular Data							Wellhead Data		
KOP	475	MD/TVD	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type:	
Max Dev.:	10.7	948' MD 944' TVD	Conductor	20"	94#	B	Weld	80'	80'	SURF	WP:	
Deg sev:	4.82	659' MD 659' TVD	Surface	13 3/8"	48#	J-55	LTC	307'	307'	SURF	Tree Cap	Flange:
Dev @ Perfs	0.7	4276' MD 4264' TVD	Intermediate	8 5/8"	24#	J-55	STC	421'	421'	SURF	Thread:	
Ret to Vert:	1689'	2038' MD 2028' TVD	Production	5 1/2"	17#	J-55	LTC	4,305'	4,317'	SURF	Tbg Hanger:	
			Liner								8TM Flange:	

CEMENT DATA							
	L/cks	Yld	Wt	T/cks	Yld	Wt	XS
Surface	750	1.35	14.8	NA	NA	NA	51 sx
Intermediate	300	1.35	14.8	NA	NA	NA	112 sx
Liner							
Production	250	1.9	14.8	650	1.33	14.8	180 sx

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 /	PERFORATIONS		# of	DETAILS	
		from	to	HOLES		
0						
307	17.5" Hole				13 3/8" Surf Csg Circ 51 sx Cmt to surf	
421	12-1/4" Hole				8-5/8" Inter Csg Circ 112 sx Cmt to surf	
443 / 443'	Queen Formation				Kick off to 2"/100'	
475'	7-7/8" hole KOP				End Build - Start 10+ Tangent	
783' / 782'	Grayburg Formation				BPV Profile: NA	
884' / 881'	End Build				Elevations: GR - RKB = 14.8'	
1028' / 1023'	Premier Sand				RKB: 3295.4'	
1064' / 1059'	San Andres Formation				GL: 3310.2'	
1269' / 1260'	End Tangent - Start Drop					
1355' / 1346'	Middle San Andres					
1846' / 1834'	Return to Vertical					
1963' / 1951'	Lower San Andres					
2428' / 2412'	Glorieta					
2520' / 2508'	Yeso					
2 7/8" 6.5# L80 tbg w TAC at 2450', SN at 4000', 4' slotted sub, 1 ft MA w BP at 4035' 17-7/8" S88 rods, 55 - 7/8" S88 3 guides/rod, 60- 7/8" S88 rods 8-1.5" kbars, 2.5"x2"x24' RHBC-HVR pump 640-365-168 w 60 HP motor set in 168" Stroke Length at 8 rpm						
	Upper Yeso Stage #1	2,550'	2,956'	67	406', 1500 g 15% HCL, 9514 bbls water,	
25 new holes 2550'-2688'; 42 old holes 2700'-2856'					441,840 # 40/70 Ottawa, 30,000 # 100 Mesh	
CBP at 2860'					80-100 BPM	
Stages 1-4 of Yeso Completed 11/15/12 - 11/16/12						
	Stage 4 L. Yeso Frac	2,700'	2,956'	42	256', 2000 g 7.5% HCL, 54,258 g 25# gel	
					76.231# 16/30 Brady, 17,638 # 16/30 Resin	
	Stage 3 L. Yeso Frac	3,001'	3,221'	40	220', 1000 g 7.5% HCL, 44,045 g 25# gel	
					58,263# 16/30 Brady, 13,447 # 16/30 Resin	
	Stage 2 L. Yeso Frac	3,320'	3,588'	43	268', 2000 g 7.5% HCL, 52,741 g 25# gel	
					71,577# 16/30 Brady, 10,814 # 16/30 Resin	
	Stage 1 L. Yeso Frac	3,642'	3,971'	58	329', 2000 g 7.5% HCL, 63,959 g 25# gel	
					81,919# 16/30 Brady, 14,917 # 16/30 Resin	
4270' / 4258'	PBTD				5-1/2" Float Collar	
4317' / 4305'	PROD CSG				5-1/2" Prod Csg. Circ 121 SX Cmt to Surf	
Comments: NM OCD CLP 0213563				Plug back Depth:		4258' TVD 4270' MD
				Total Well Depth:		4308' TVD 4320' MD
				Prepared By:		Date:
				Eric McClusky		24-May-16