

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
June 19, 2008

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-015-39454
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>LIME ROCK RESOURCES II-A, L.P.</b>		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 <b>STIRLING 6M</b>
4. Well Location Unit Letter <u>M</u> (Lot 7) : <u>660</u> feet from the <u>SOUTH</u> line and <u>330</u> feet from the <u>WEST</u> line Section <u>6</u> Township <u>18-S</u> Range <u>27-E</u> NMPM Eddy County		8. Well Number <u>#2</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3335' 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Lime Rock would like to perform a payadd workover on this Glorieta-Yeso oil well as follows: MIRUSU. TOH w/rods, pump, & tbg. Set a 5-1/2" CBP @ about MD2990'. (Existing Yeso perfs are @ MD 3005'-3939'). Perf upper Yeso @ about MD2730'-2965' w/about 48 holes. Stimulate with about 2000 gal 7.5% NEFE acid & frac w/about 93,425# 16/30 sand in 25# X-linked gel. Set a 5-1/2" CBP @ about MD2705'. Perf upper Yeso & Glorieta @ about 2553'-2680' w/about 30 holes. Stimulate with about 1000 gal 7.5% NEFE acid & frac w/about 63,650# 16/30 sand in 25# X-linked gel. CO after frac & drill out CBPs @ MD 2705' & 2990' & CO to about MDPBTD4165'. Re-land 2-7/8" production tbg @ about 4010'. Run pump & rods & release workover rig. Complete as a single Glorieta-Yeso oil well. See the attached proposed wellbore diagram.

Bottom Hole @ 975' FSL 341' FWL Sec. 6 T18S R27E

Spud Date: 12/13/11

Drilling Rig Release Date: 12/27/11

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 9/19/12

Type or print name Mike Pippin

E-mail address: mike@pippinllc.com

PHONE: 505-327-4573

For State Use Only

APPROVED BY:

*SP Wade*

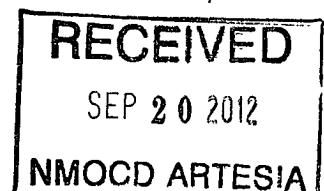
TITLE


*Dist R Supervisor*

DATE

*9/26/12*

Conditions of Approval (if any):

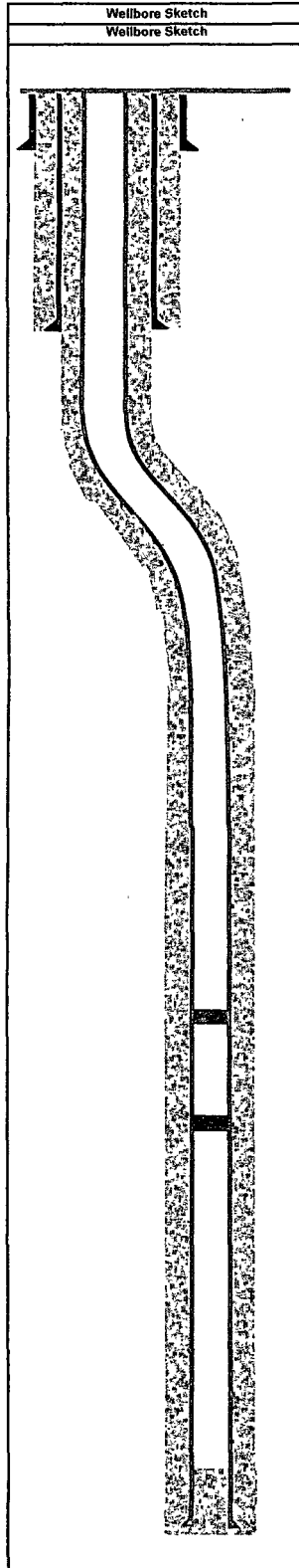


	County	EDDY	Well Name	Stirling 6M #2	Field	East Artesia	Well Sketch	Lower Yeso
	Surface Lat	32 771492"N	BH Lat		Survey	Sec 6, T18S-R27E	Lime Rock Resources II-A, L.P.	
	Surface Long	103 324891"W	BH Long		SHL	660' FSL & 330' FWL	API #	30-015-39454
							OGRID #	277558

Directional Data:			Tubular Data:								Wellhead Data:	
KOP	480'	MD/TVD	Tubulars	Size	Weight	Grade	Thread	TVD	MD	TOC	Type	
Max Dev	12.9°	1015' / 1010' TVD	Conductor	20"	91.5#	B	Weld	60'	60'	-	WP	
Dleg sev	7.1°	1015' / 1010' TVD	Surface	13-3/8"	48#	H40	STC	257'	257'	SURF	Tree Cap	
Dev @ Perfs	0.7°	3688' / 3642' TVD	Intermediate	8 5/8"	24#	J-55	STC	1,616'	1,619'	SURF	Thread	
Ret to Vert	2599' MD / 2573' TVD		Production	5 1/2"	17#	J-55	LTC	4,186'	4,212'	SURF		
			Tubing	2-7/8"	6.5#	J-55	8rd EUE	2,824'	2,850'	NA	Tbg Hanger	

CEMENT DATA							
	U/sks	Yld	Wt	T/sks	Yld	Wt	XS
Surface	360	1.35	14.8				150%
Intermediate	155	1.84	12.8	655	1.34	14.8	125%
Liner							
Production	240	1.9	12.8	500	1.15	14.8	80%

Drilling / Completion Fluid	
Drilling Fluid	10 PPG Brine / Salt Gel
Drilling Fluid	
Completion Fluid	2% KCL
Completion Fluid	
Packer Fluid	NA



Completion Information							
DEPTHS (TVD)	FORMATION TOPS /	PERFORATIONS		# of	DETAILS		
		from	to	HOLES			
0							
52'	Yates Sand						
60'	26" Hole				20" Conductor Pipe		
Proposed Upper Yeso/Glorietta Pay Add AFE W12078							
197'	Seven Rivers Sand						
250'	17-1/2" Hole				13-3/8" Surface Csg @ 257' Circ 137 sx to surf		
480'	12-1/4" hole KOP				Kick off to 3"/100'		
502'	Queen Sand						
877'	End of Build				End of Build - Start 12" Tangent		
821'	Grayburg Formation				823' MD		
1,078'	Premier Sand				1085' MD		
1,110'	San Andres Formation				1120' MD		
1,394'	Middle San Andres				1408' MD		
1,616'	End 12-1/4" Hole				Set 8-5/8" Csg@ 1619' MD after TD @ 1635' MD		
1697'	End Tangent - Drop				Circ 152 sx to surface		
2,009'	Lower San Andres				Drop - Start 1 5 deg / 100' Drop 1717' MD		
2,416'	Glorieta Top				2032' MD		
2,573'	VERTICAL				2442' MD		
2,527'	Glori /U Yeso Stage 5	2,553'	1 spf	2,680'	Vertical - Start Vertical Hold 2599' MD		
					Frac with 1000 gal 7.5% HCL acid,29200		
2,679'	CBP				gals Viking 2500 x-linked Gel,50375#s 16/30		
2,704'	L/U Yeso Stage 4	2,730'	1 spf	2,965'	Brady sd & 13275 lbs 16/30 SiberProp		
				48	2705' MD		
2,963'	CBP				Frac with 2000 gal 7 5% HCL acid,47150		
2,964'	L Yeso Stage 3	3,005'	1 spf	3,282'	gals Viking 2500 x-linked Gel,79250#s 16/30		
				41	Brady sd & 14175 lbs 16/30 SiberProp		
					2990' MD		
3,314'	L Yeso Stage 2	3,342'	1 spf	3,697'	Frac'd with 2500 gal 7 5% HCL acid,57964		
				54	gals Viking 2500 x-linked Gel,64420#s 16/30		
3,698'	L Yeso Stage 1	3,770'	2 spf	3,940'	Brady sd & 16082 lbs 16/30 SiberProp- 2-14/2012		
				48	Frac'd with 2500 gal 7 5% HCL acid, 69699		
					gals Viking 2500 x-linked Gel, 82840#s 16/30		
					Brady sd & 14895 lbs 16/30 SiberProp -2/14/2012		
					Frac'd with 2500 gal 7 5% HCL acid, 59819		
					gals Viking 2500 x-linked Gel, 72044#s 16/30		
3,976'	TUBB Formation				Brady sd & 13190 lbs 16/30 SiberProp -1/5/2012		
4,186'	PROD CSG				4002' MD		
Comments				Plug back Depth		4139' TVD	4165' MD
				Total Well Depth		4203' TVD	4229' MD
				Prepared By		Date	
				Spencer Cox		17-Sep-12	

## **LIME ROCK RESOURCES II-A, L.P.**

### **DESIGN: Closed Loop System – Flow tank during workover.**

A ~100 bbl flow tank will be provided by Reliable Well Service, 512 W. Texas, Artesia, NM 88210, 575-748-1213. Contact person: Wille Morrison

### **OPERATIONS:**

The closed loop equipment will be installed on the well pad and inspected daily by the workover crew and any necessary maintenance performed.

Any leak in the system will be repaired and/or contained immediately.

OCD will be notified within 48 hours of any spill.

Remediation process will be started immediately.

### **CLOSURE:**

During workover operations, all cuttings & associated liquids will be hauled off to the disposal facility, CRI (Controlled Recovery Inc. Permit #R9166. Water will be hauled off to Westall Loco Hills Water Disposal permit #R-3221.