

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

WELL API NO. 30-015-34936
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 033618
7. Lease Name or Unit Agreement Name KARLSBAD CORRAL 2 STATE
8. Well Number #7-H
9. OGRID Number 255333
10. Pool name or Wildcat Corral Canyon Delaware, NW (96464)

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 ☐

2. Name of Operator
LIME ROCK RESOURCES A, L.P.

3. Address of Operator
c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401

4. Well Location
Unit Letter K : 2510 feet from the SOUTH line and 1980 feet from the WEST line
Section 2 Township 25-S Range 29-E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3026' 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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Run Liner in Existing Horizontal Lateral & Frac ☒

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.

8/22/11: MIRUSU. TOH w/rods, pump, & tbq. CO to PBTD MD7457' w/4-3/4" bit. W/pkr set @ MD5137', PT 5-1/2" csg to 3500 psi-OK. TOH. Perf additional holes @ MD7420'-23', 7160'-63', 6932'-35', 6692'-95', 6431'-34', 6202'-05', 5900'-03', 5685'-88', 5480'-83' w/6-0.42" spf. Total 162 holes. On 8/30/11, landed 3-1/2" 9.2# P-110 ultra flush joint liner @ MD7181' w/liner hanger @ MD5081' w/8 csg pkrs @ 7078', 6801', 6571', 6341', 6112', 5818', 5573', 5342', & 8 frac ports @ 6933', 6703', 6473', 6211', 5983', 5673', 5443', 5244'. On 8/31/11, PT 3-1/2" liner to 5000 psi for 10 min-OK.

On 9/2/11, fraced in 8 stages consisting of 16/30 sand in X-linked gel & preceded by 1000 gal 15% HCL. Stage #1 w/49,761# Brady & 15,821# siber prop sand. Stage #2 frac sleeve @ MD6933' w/53,891# Brady & 14,601# siber prop sand. Stage #3 frac sleeve @ MD6703' 49,408# Brady & 12,617# siber prop sand. Stage #4 frac sleeve @ MD6473' w/50,969# Brady & 15,735# siber prop sand. Stage #5 frac sleeve @ MD6211' w/51,088# Brady & 12,475# siber prop sand. Stage #6 frac sleeve @ MD5983' w/49,973# Brady & 13,325# siber prop sand. Stage #7 frac sleeve @ MD5673' w/46,461# Brady & 13,184# siber prop sand. Stage #8 frac sleeve @ MD5443' w/74,972# Brady & 16,161# siber prop sand. Did not frac Stage #9.

On 9/13/11, MI coiled tbq unit & drilled out all frac sleeves w/2.68" mill & CO to MDTD7081'. Released coiled tbq unit on 9/13/11. 9/15/11: MIRUSU. On 9/16/11, landed 2-7/8" 6.5# J-55 tbq @ MD4817'. On 9/19/11, ran pump & rods & released rig.

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 10/3/11

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

For State Use Only
APPROVED BY: [Signature] TITLE Geologist DATE 10-7-2011
Conditions of Approval (if any):



Do It Once.
Do It Right.

Confidential Information - Not to be Released
outside of Lime Rock Resources

Completion
Final

Richard Ghiselin	Company Lime Rock Resources	Date 31-Aug-11
Karlsbad Corral 2 #7H	Type of Installation 5 1/2" x 3 1/2" 9 Stage Cased Hole Completion	Location Eddy, NM
Drawing	Description	OD(in) ID(in) Length

Page 1 of 2

KOP @ 4,810' MD					
5081.01'			DV Tool @ 5,012'		
Install: 3 1/2" 9.2# N-80 Ultra Flush Joint LTC Liner set from 5,321' to 7,410' containing 8 frac sleeves, 7 isolation pkrs, 1 anchor Pkr. and 1 liner top pkr.					
5 1/2" x 3.625 x 3.00" Packer Plus Dual Bore LH Packer (PN: 106690-000008) Thread: 3 1/2" 9.3 lb/ft P-110 Ultra Flush Joint - 2 pins @ 529 psi ea. For 1,058 psi Setting Pressure "Do not allow rotation while running in the hole" Frac Zone: Cherry Canyon			4.563	3.625	8 15
Frac: 110,350 gals x-linked gel w/7,500# 20/40 Sand & 180,000# 16/30 Super LC Frac Information: 1000 gal 15% NEFE HCl, Frac w/30K gal of 20# x linked fluid + 52,000# of 16/30 Brady + 12,000# of 16/30 RCS (per stage)			3.500	2.800	
Landed Curve @ 5,514' (5,297' TVD) 5 1/2" Casing 117.87bbls					
Stage 9 5244.48' 119.29bbls EM0043824			5.500	4.892	
5 1/2" 17 ft/lb P-110 LT&C Casing to 7,545' MD			3.500	2.800	
3 1/2" 9.3# P-110 Ultra Flush Joint			3.500	2.800	157 8
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 5					
3 1/2" Drillable Frac Port with 2.625" seat for a 2.750" Frac Ball (PN: 108486-000068) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			4.500	2.625	2 37
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3			3.500	2.800	
3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-000003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			3.500	2.800	95 39
5342.24' EM0042809			4.500	2.810	4.73
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3			3.500	2.800	
Existing Cherry Canyon Perforation @ 5,472' (3 spf - 45 - 0.42" ID Holes) Additional Cherry Canyon Perfs @ 5,480' to 5,483 (6 spf - 162 holes, 0.42" ID Holes)			3.500	2.800	95.66
3 1/2" Drillable Frac Port with 2.500" seat for a 2.625" Frac Ball (PN: 108486-000067) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			4.500	2.500	2.37
Stage 8 5442.63 121.01bbls EM0042830			3.500	2.800	
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4			3.500	2.800	127.7
3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-000003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 UFJ Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			4.500	2.810	4 73
5572.70' EM0042811			3.500	2.800	
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3			3.500	2.800	95.65
Additional Cherry Canyon Perfs @ 5,685' to 5,688' (6 spf - 162 holes, 0.42" ID Holes) Existing Cherry Canyon Perforation @ 5,741' (4 spf - 45 - 0.42" ID Holes)			4.500	2.375	2.37
3 1/2" Drillable Frac Port with 2.375" seat for a 2.500" Frac Ball (PN: 108486-000029) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			3.500	2.800	
Stage 7 5673.08' 123.02bbls EM0043822			3.500	2.800	
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4 + 15' sub			3.500	2.800	142 87
3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-000003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			4.500	2.810	4 73
5818.32' EM0042815			3.500	2.800	
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4			3.500	2.800	159 56
Additional Cherry Canyon Perfs @ 5,900' to 5,903' (6 spf - 162 holes, 0.42" ID Holes) Existing Cherry Canyon Perforation @ 5,907' (4 spf - 45 - 0.42" ID Holes)			4.500	2.250	2.37
3 1/2" Drillable Frac Port with 2.250" seat for a 2.375" Frac Ball (PN: 108486-000066) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint			3.500	2.800	
Stage 6 5982.61' 125.71bbls EM0043812			3.500	2.800	126 84
3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4					
Telephone 432-563-8024	Contact Keith Martin	Rocky Seale	Telephone 281-435-7287		



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Do It Right.

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outside of Lime Rock Resources

Completion
Final

Richard Ghiselin		Lime Rock Resources		31-Aug-11		
Karlsbad Corral 2 #7H		5 1/2" x 3 1/2" 9 Stage Cased Hole Completion		Eddy, NM		
Drawing		Description		OD(in)	ID(in)	Length
Page 2 of 2						
6111.82' EM0042618	←	3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-00003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.810	4.73
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3		3.500	2.800	94.93
Stage 5 6211.48' 127.70bbls EM0042565	←	Existing Cherry Canyon Perforation @ 6,197' (4 spf - 45 holes - 0.42" ID Holes) Additional Cherry Canyon Perfs @ 6,202' to 6,205' (6 spf - 162 holes, 0.42" ID Holes) 3 1/2" Drillable Frac Port with 2.125" seat for a 2.250" Frac Ball (PN: 108486-000028) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.125	2.37
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4		3.500	2.800	127.24
6341.09' EM0042808	←	3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-00003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.810	4.73
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4		3.500	2.800	127.22
Stage 4 6473.04' 129.98bbls EM0042562	←	Existing Cherry Canyon Perforation @ 6,425' (5 spf - 45 holes - 0.42" ID Holes) Additional Cherry Canyon Perfs @ 6,431' to 6,434' (6 spf - 162 holes, 0.42" ID Holes) 3 1/2" Drillable Frac Port with 2.000" seat for a 2.125" Frac Ball (PN: 108486-000065) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.000	2.37
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3		3.500	2.800	95.36
6570.77' EM0042619	←	3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-00003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.810	4.73
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4		3.500	2.800	127.41
Stage 3 6702.91' 131.98bbls EM0042560	←	Existing Cherry Canyon Perforation @ 6,684' (6 spf - 45 holes - 0.42" ID Holes) Additional Cherry Canyon Perfs @ 6,692' to 6,695' md (6 spf - 162 holes, 0.42" ID Holes) 3 1/2" Drillable Frac Port with 1.875" seat for a 2.000" Frac Ball (PN: 108486-000027) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	1.875	2.37
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3		3.500	2.800	95.27
6800.55' EM0042810	←	3 1/2" Packers Plus RockSEAL II Open Hole Packer (PN: 122192-00003) (6 Pins @ 289 psi ea. for 1,734 psi setting pressure) Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	2.810	4.73
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4		3.500	2.800	127.62
Stage 2 6932.90' 133.11bbls EM0043817	←	Additional Cherry Canyon Perfs @ 6,932' to 6,935' md (6 spf - 162 holes, 0.42" ID Holes) Existing Cherry Canyon Perforation @ 6,944' (6 spf - 45 holes - 0.42" ID Holes) 3 1/2" Drillable Frac Port with 1.750" seat for a 1.875" Frac Ball (PN: 108486-000064) 4 shear pins @ 520 psi @ 2,080 psi opening shear Thread: 3 1/2" 9.3 ft/lb P-110 Ultra Flush Joint		4.500	1.750	2.37
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 4 + 15' sub		3.500	2.800	142.67
7077.94' EM0042816	←	3 1/2" RockSEAL® IIS Open Hole Packer - PN: 124219-000003 (6 Pins @ 270 psi ea. For 1,620 psi setting pressure) Thread: 3 1/2" 9.2 ft/lb P-110 Ultra Flush Joint		4.500	2.500	5.64
		3 1/2" 9.30# P-110 Ultra Flush joint liner Joints: 3		3.500	2.800	95.8
Stage 1 136.14bbls PBTD @ 7,459' MTD @ 7,545' TVD @ 5,277'	←	Additional Cherry Canyon Perfs @ 7,160' - 7,163' md (6 spf - 162 holes, 0.42" ID Holes) Existing Cherry Canyon Perforation @ 7,172' (6 spf - 45 holes - 0.42" ID Holes) Additional Cherry Canyon Perfs @ 7,420' to 7,423' md (6 spf - 162 holes, 0.42" ID Holes) Existing Cherry Canyon Perforation @ 7,430' (7 spf - 45 holes 0.42" ID Holes)				
7181.23'	←	X-Over 3 1/2" UFJ BOX x 2 7/8" EUE PIN 2 7/8" Pump Out Plug 1/2" Ball Seat for 1.00" Ball w/ 3 shear pins @ 1078 psi + 1 @ 539 psi. ea. = 3,773 PSI Shear PN Small Part with 2 7/8" pup joint and collar		3.530	0.93	
				3.680	0.500	0.92
Telephone 432-563-8024 Contact Keith Martin				Rocky Seale		
				Telephone 281-435-7287		