

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

HOBBS OCD

AMENDED REPORT

1220 South St. Francis Dr.

MAR 18 2016

Santa Fe, NM 87505

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Lime Rock Resources II-A, LP 1111 Bagby St., Ste. 4600 Houston, TX 77002		² OGRID Number
⁴ Property Code		³ API Number 30-025-35678
⁵ Property Name North Vacuum Abo North Unit (formerly State VII, 7)		⁶ Well No. 62

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	1	17S	34E		660	N	660	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name North Vacuum (Abo) <i>VACUUM, ABO, NORTH</i>	Pool Code 61760
---	--------------------

Additional Well Information

¹¹ Work Type PB/Recompletion	¹² Well Type G	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 4033'
¹⁶ Multiple No	¹⁷ Proposed Depth 12750'	¹⁸ Formation Abo	¹⁹ Contractor	²⁰ Spud Date 4/15/16
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14-3/4	11-3/4	42.0	1610'	800	
Int	11	8-5/8	32.0	5020'	1190	
Prod	7-7/8	4-1/2	11.6	12750'	1380	

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Information unknown @ this time due to	not knowing what rig will be used		

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Carla Martin*

Printed name: Carla Martin

Title: Regulatory Technician

E-mail Address: cmartin@limerockresources.com

Date: 3/17/16

Phone: 713/292-9510

OIL CONSERVATION DIVISION	
Approved By: <i>[Signature]</i>	
Title: Petroleum Engineer	
Approved Date: <i>03/22/16</i>	Expiration Date: <i>03/22/16</i>
Conditions of Approval Attached <i>[checkmark]</i>	

MAR 22 2016

[Handwritten mark]