

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
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

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
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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

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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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Carla Martin</i>		OIL CONSERVATION DIVISION	
Printed name: Carla Martin		Approved By: <i>[Signature]</i>	
Title: Regulatory Technician		Title: Petroleum Engineer	
E-mail Address: cmartin@limerockresources.com		Approved Date: <i>03/22/16</i> Expiration Date: <i>03/22/18</i>	
Date: 3/17/16	Phone: 713/292-9510	Conditions of Approval Attached <i>[Red Checkmark]</i>	

MAR 22 2016