

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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Amended Form
ARD 5/20/15

Form C-101
Revised December 16, 2011

Permit



RECEIVED
JUL 16 2012
NMOCD ARTESIA

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

Operator Name and Address Lime Rock Resources II-A, L.P. 1111 Bagby Street, Suite 4600 Houston, Texas 77042		OGRID Number 277558
Property Code <i>39344</i>		API Number <i>30-015-90493</i>
Property Name Vandergriff 13 M		Well No. #1

7 Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
M	13	18S	26E		990	S	990	W	Eddy

8 Pool Information

ATOCA
Pool Name: Gloneta-Yeso *3250*
~~51120~~

Additional Well Information

Work Type N	Well Type O	Cable/Rotary R	Lease Type P	Ground Level Elevation 3301.7
Multiple N	Proposed Depth <i>4750'</i>	Formation Yeso	Contractor United Drilling, Inc	Spud Date After 07/15/2012
Depth to Ground water 296 Feet		Distance from nearest fresh water well 0.279 Miles		Distance to nearest surface water 1.72 Miles

19 Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Conductor	26"	20"	91.5	40	Ready Mix	Surface
Surface	12-1/4"	8-5/8"	24	425	300	Surface
Production	7-7/8"	5-1/2"	17	4750	900	Surface

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention

Type	Working Pressure
XLT 11"	5000

only one well per 40 acres may be produced at one time unless NSP is approved by Santa Fe ARD - 5/20/15

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: <i>Sid Ashworth</i>		Approved By: <i>T.C. Shepard</i>	
Printed name: Sid Ashworth		Title: <i>Geologist</i>	
Title: Operations Manager		Approved Date: <i>7/15/2012</i>	Expiration Date: <i>7/17/2014</i>
E-mail Address: sashworth@lmicrockresources.com			
Date: <i>7/11/12</i>	Phone: 713-292-9570	Conditions of Approval Attached	