

District I
1625 N. French Dr. Hobbs, NM 88240
Phone (505) 393-6161 Fax (505) 393-0720
District II
811 S. First St. Artesia, NM 88210
Phone (505) 748-1263 Fax (505) 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) 476-6460 Fax (505) 476-1462

HOBBS OGD

FEB 16 2012

RECEIVED

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101
Revised December 16, 2011

Permit

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

Operator Name and Address LOR Operating Company 200 N. Lorraine, Suite 1440 Midland TX 79701		OGRID Number 257420
Property Code 306003	Property Name Crossroads Siluro Devonian Unit	API Number 30-025-03630
		Well No. 102

Surface Location

UL - Lot	Section	Township	Range	Lot Ida	Feet from	N/S Line	Feet From	E/W Line	County
G	34	9S	36E		1650	N	1650	E	Lea

Pool Information

Crossroads; Mississippi	13680
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Additional Well Information

Work Type P	Well Type Oil	Cable/Rotary Rotary	Lease Type P	Ground Level Elevation 1020
Multiple N	Proposed Depth 11750	Formation Mississippian	Contractor Standard	Spud Date 12/4/1958
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17 1/2	13 3/8	48#	338	400	Surface
	12 1/4	9 5/8	36#	4160	3000	Surface
	7 7/8	5 1/2	20#	12182	700	9800

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual	3000	5000	Vesta Sales

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 in accordance with NMOC guidelines ☒ , a general permit ☐ , or an (attached) alternative OGD-approved plan ☐ .		Permit Expires 21 Days From Approval Date Unless Drilling Underway Plugback	
Signature: <i>Andy Chalker</i> Printed name: Andy Chalker Title: Operations Manager E-mail Address: andy.chalker@att.net Date: 1/19/2012 Phone: 432 687 0303		Approved By: <i>[Signature]</i> Title: PERMITTING ENGINEER Approved Date: MAR 08 2012 Expiration Date: Conditions of Approval Attached	

MAR 08 2012

District I
1625 N French Dr. Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0220
District II
811 S First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9730
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-0178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-4460 Fax: (505) 476-4462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03630	² Pool Code 13680	³ Pool Name Crossroads Mississippian
⁴ Property Code 306003	⁵ Property Name Crossroads Siluro Devonian Unit	
⁷ OGRID No. 257420	⁸ Operator Name EOR Operating Company	⁶ Well Number 102 ⁹ Elevation 4020

¹⁰ Surface Location

UL or lot no. G	Section 34	Township 9S	Range 36E	Lot Idn	Feet from the 1650	North/South line N	Feet from the 1650	East/West line E	County Lea
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature <u>Andy Chalkier</u> Date <u>1/19/12</u> Printed Name <u>Andy Chalkier</u> E-mail Address <u>andy.chalkier@att.net</u>
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief Date of Survey _____ Signature and Seal of Professional Surveyor _____
	Certificate Number _____