

District I1625 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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax (505) 334-6170**District IV**1220 S St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax (505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011

Permit 144687

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

1. Operator Name and Address MURCHISON OIL & GAS INC 1100 Mira Vista Blvd. Plano, TX 75093		2 OGRID Number 15363
		3. API Number 30-015-39993
4 Property Code 8132	5. Property Name OGDEN STATE	6. Well No. 005H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	2	25S	26E	O	152	S	1750	E	EDDY

8. Pool Information

BLACK RIVER; DELAWARE, SOUTH	96451
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Additional Well Information

9. Work Type New Well	10 Well Type OIL	11. Cable/Rotary	12. Lease Type State	13 Ground Level Elevation 3378
14. Multiple N	15 Proposed Depth 6750	16. Formation Delaware	17. Contractor	18 Spud Date 3/15/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

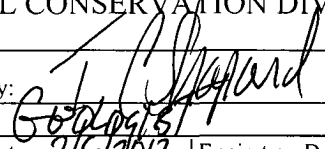
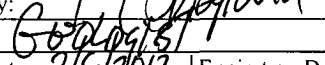
Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	312	160	0
Prod	8.75	7	26	2187	475	0

Casing/Cement Program: Additional Comments

Surface casing 100% excess, circulate to surface. Production casing 100% excess, circulate to surface.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	Shaffer

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 type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Michael Daugherty		Approved By: 	
Title: COO		Title: 	
Email Address: ccottrell@jdmn.com		Approved Date: 3/8/2012 Expiration Date: 3/8/2014	
Date: 2/29/2012	Phone: 972-931-0700	Conditions of Approval Attached	

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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 144687

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-39993	2 Pool Code 96451	3 Pool Name BLACK RIVER; DELAWARE, SOUTH
4. Property Code 8132	5. Property Name OGDEN STATE	6 Well No 005H
7. OGRID No. 15363	8 Operator Name MURCHISON OIL & GAS INC	9 Elevation 3378

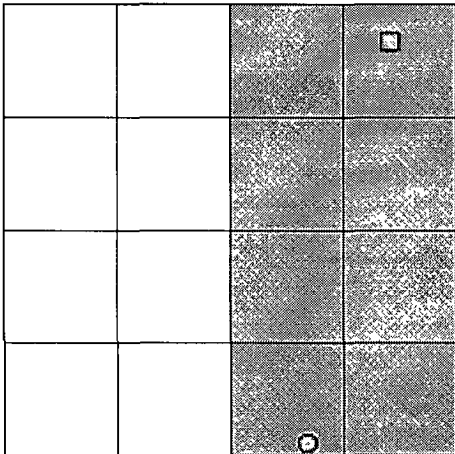
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	2	25S	26E		152	S	1750	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	25S	26E	1	408	N	788	E	EDDY
12 Dedicated Acres 320.32		13 Joint or Infill		14 Consolidation Code		15 Order No			

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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Michael Daugherty Title: COO Date: 2/29/2012</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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</i></p> <p>Surveyed By: Filimon Jaramillo Date of Survey: 2/10/2012 Certificate Number: 12797</p>
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Permit Comments

Operator: MURCHISON OIL & GAS INC , 15363

Well: OGDEN STATE #005H

API: 30-015-39993

Created By	Comment	Comment Date
ccottrell	Murchison hereby requests confidentiality of all information pertaining to this well for a period of 1 year.	2/27/2012
CSHAPARD	Land s/S	3/1/2012
RDADE	NMOCD will only honor your confidentiality for 90 days only.	3/8/2012
RDADE	This APD will be rejected and worked in as a hard copy due to spacing overlap	3/8/2012

Permit Comments

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ccottrell	Murchison hereby requests confidentiality of all information pertaining to this well for a period of 1 year.	2/27/2012
CSHAPARD	Land s/S	3/1/2012

Permit Conditions of Approval

Operator: MURCHISON OIL & GAS INC , 15363

Well: OGDEN STATE #005H

API: 30-015-39993

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string