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 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

Permit 146444

Form C-101

August 1, 2011

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

MURCH	Operator Name and Address MURCHISON OIL & GAS INC			
	Mira Vista Blvd. Jano, TX 75093	3. API Number 30-015-40129		
4. Property Code	5. Property Name	6. Well No.		
27983	HIGH MESA STATE COM	003H		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	2	17S	28E	P	320	S	150	E	EDDY

8. Pool Information

RED LAKE SHORE: GLORIETA - YESO	97130

Additional Well Information

			Additional Well Inform	Intion	31
9. Work Type New Well	10. Wet OI		11. Cable/Rotary	12. Lesse Type State	13. Ground Level Elevation 3575
14. Multiple N	15. Proposed Depth 3767		16. Formation 17. Contract Paddock		18. Spud Date
Depth to Ground	water	•	Distance from nearest fresh water	r well	Distance to nearest surface water

19. Proposed Casing and Cement Program

Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	9.625	36	352	210	0
Prod	8.75	7	26	3618	683	0
Liner1	6 125	4.5	11.6	8203	0	

Casing/Cement Program: Additional Comments

100% excess cement will be used on all sections; circulate cement to surface.

Proposed Blowout Prevention Program

	Troposed Biowode Trevention Trogram							
Туре	Working Pressure	Test Pressure	Manufacturer					
Annular	3000	3000	Shaffer					
DoubleRam	3000	3000	Shaffer					

of my knowledge and belief.	nation given above is true and complete to the best illing pit will be constructed according to	OIL CONSERVATION DIVISION				
	eneral permit , or an (attached) alternative	Approved By: Randy Dade Title: District Supervisor				
Printed Name: Electron	ically filed by Michael Daugherty					
Title: COO	200	Approved Date: 4/4/2012 Expiration Date: 4/4/201				
Email Address: ccottrel	l@jdmii.com					
Date: 4/2/2012	Phone: 972-931-0700	Conditions of Approval Atta	ached			

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505 Form C-102 August 1, 2011

Permit 146444

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code		3. Pool Name	
30-015-40129	97130 RED LAKE		RED LAKE SHORE; GLORIETA - YESO	
4. Property Code 27983		perty Name 6. Well No. A STATE COM 003H		
7. OGRID No.	8. Operat		9. Elevation	
15363	MURCHISON (3575	

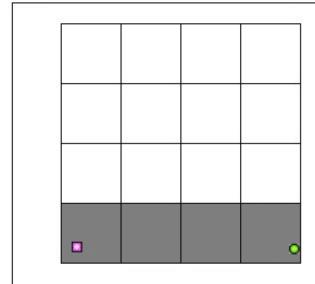
10. Surface Location

τ	IL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	P	2	17S	28E		320	S	150	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
M	2	17S	28E	M	380	S	330	W	EDDY
	cated Acres	13. J	oint 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



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(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.

E-Signed By: Michael Daugherty

Title: COO Date: 4/2/2012

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.

Surveyed By: Filimon Jaramillo Date of Survey: 3/28/2012 Certificate Number: 12797

Permit Comments

Operator: MURCHISON OIL & GAS INC , 15363 Well: HIGH MESA STATE COM #003H

API: 30-015-40129

Created By	Comment	Comment Date	
CSHAPARD	Land p/P	4/2/2012	
CSHAPARD	Land correction; s/S	4/2/2012	

Permit Conditions of Approval

Operator: MURCHISON OIL & GAS INC , 15363 Well: HIGH MESA STATE COM #003H

API: 30-015-40129

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