

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Artec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

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

Operator Name and Address: MURCHISON OIL & GAS, INC. 1100 MIRA VISTA BLVD. PLANO, TX. 75093-4698		OGRID Number 015363
		API Number 30-015-31720
Property Code 27983	Property Name HIGH MESA STATE COM	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	17S	28E		1320	SOUTH	1000	EAST	EDDY

Proposed 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
Proposed Pool 1					Proposed Pool 2				

Work Type Code PLUGBACK	Well Type Code OIL	Cable/Rotary N/A	Lease Type Code S	Ground Level Elevation 3580
Multiple N/A	Proposed Depth PBD @ 9620'	Formation WOLFCAMP	Contractor	Spud Date 3/1/02

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	68 #/FT	410'	355	SURFACE
11"	9-5/8"	47 #/FT	2116'	1270	SURFACE
8-1/2"	5-1/2"	17 #/FT	10438'	1500	5618

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Plugback existing perforations in the Atoka at 9668-74' by setting a CIBP @ 9620' and cap with 35' of cement. Test to 2000 PSI. Perforate Wolfcamp formation w/ 4 shot/foot from 7510-24'. Acidize w/ 8500 gals. 20% HCL down tubing and test for production.

NSL-

Work only

NSL required to produce

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Michael S. Daugherty</i>		OIL CONSERVATION DIVISION APPROVED BY: ORIGINAL SIGNED BY TIM W. GUN DISTRICT II SUPERVISOR	
Printed name: MICHAEL S. DAUGHERTY		Title:	
Title: VICE PRESIDENT OPERATIONS		Approval Date: FEB 12 2002 Expiration Date: FEB 12 2003	
Date: 2/6/02	Phone: (972) 931-0700	Conditions of Approval: Attached ☐	

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III
1000 Rio Hrazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2000, Santa Fe, N.M. 87504-2000

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2000
Santa Fe, New Mexico 87504-2000

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-31720	Pool Code 97183	Pool Name ANDERSON WOLFCAMP NORTH
Property Code	Property Name HIGH MESA STATE COM.	Well Number 1
OCRD No. 015363	Operator Name MURCHISON OIL & GAS, INC.	Elevation 3580'

Surface Location

UL or lot No. P	Section 2	Township 17-S	Range 28-E	Lot Idn	Feet from the 1320	North/South line SOUTH	Feet from the 1000	East/West line EAST	County EDDY
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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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Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 4	LOT 3	LOT 2	LOT 1
41.40 AC	40.62 AC	39.78 AC	38.93 AC
LEASE BOUNDARY →			
25'			
1000'			
1320'			

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Michael S. Daugherty
Signature

MICHAEL S. DAUGHERTY
Printed Name

VICE PRESIDENT OPERATIONS
Title

1/29/02
Date

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.

APRIL 10, 2001
Date Surveyed

AWB
Signature & Seal of Professional Surveyor

Ronald J. Eidson
04/12/01
Q1-11-0415

Certificate No. RONALD J. EIDSON 3230
GARY EIDSON 12041