

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, 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		OCRID Number 015363
Property Code 267-15	Property Name HIGH NITRO STATE COM	API Number 30-015-31477
		Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
D	12	17S	28E		660	NORTH	660	WEST	EDDY

Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1

WILDCAT

Proposed Pool 2

UNDERS. Empire, Morrow, South

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3608
Multiple N	Proposed Depth 10300	Formation MORROW	Contractor	Spud Date 12/15/00

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"	54.5#/FT	400	420 SXS	SURFACE
12-1/4	8 5/8"	32 #/FT	1800	515 SXS	SURFACE
7-7/8	5 1/2"	17 #/FT	10300	640 SXS	EST TOP @ 6500

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.

DRILL, CASE AND COMPLETE WELL IN MORROW FORMATION

BOP'S INCLUDE:

- 1) HYDRILL DOUBLE RAM 11" x 3000 PSI
- 2) CHOKE MANIFOLD 4" x 5000 PSI FLANGED CC
- 3) SIX STATION ACCUMULATOR CLOSING UNIT  
w/ REMOTE CONTROL

WOC 18 HOURS OR FOLLOW OPTION 2  
PER RULE 107

OPERATOR TO BRING CEMENT ACROSS  
ALL OIL, GAS & WATER BEARING ZONES.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Michael S. Daugherty*

Printed name:

MICHAEL S. DAUGHERTY

Title:

VICE PRESIDENT OPERATIONS

Date:

Phone:

(972) 931-0700

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

NOV 27 2000

Expiration Date:

NOV 27 2001

Conditions of Approval:

Attached ☐