

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. 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 and 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 MYCO Industries Inc POB 840 Artesia, NM 88210		OGRED Number 15445
Property Code 27523		API Number 30-0 1S-31624
Property Name Cheyenne		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	24	21S	27E		660	South	660	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 Under Carlsbad Morrow East					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/ Rotary R	Lease Type Code State P	Ground Level Elevation 3149
Multiphase N	Proposed Depth 12 100	Formation Morrow	Contractor Key	Spud Date 3/15/01

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	48#	475	550	Circulate
12-1/4	* 9-5/8	36#	2500	900	Circulate
8-3/4	5-1/2	27#	12 100	900	8100
2" Clearance required between hole size & casing					

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.

MYCO proposes to drill & test the Morrow and intermediate formations. 40' of conductor pipe will be set and cemented. A 5000# BOP will be installed on the 9-5/8 casing and tested daily. Cement to cover all oil, gas & water bearing zones. MYCO will notify NMOCD of spud and time to witness cementing the surface and intermediate strings. A mud-gas separator will be installed and tested after setting the intermediate and prior to drilling the Wolfcamp. Mud Program: 0-475' fresh water, 475-2500' fresh water, 2500-8300' fresh water unless Chn mud becomes excessive. 8300-10000' Cut brine 9.6-10 ppg. Vis 28-30, Ph 9-9.5. 10000-TD. Mud up to 9.6-10 ppg. Vis 32-36 and WL < 10cc.

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

Signature

A.N. Muncy, PELS

Printed name:

A.N. Muncy

Title:

Engineering and Operations Manager

Date:

02/21/01

Phone

(505) 746-0243, 0247

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT IV SUPERVISOR

Approval Date:

FEB 27 2001

Expiration Date:

FEB 27 2002

Conditions of Approval

Attached ☐

NOTIFY OCD SPUD & TIME TO WITNESS
WATER PROTECTION STRING