

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

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 March 17, 1999

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. P.O. BOX 840 Artesia, New Mexico 88211-0840		OGRID Number
		API Number 30- 015- 31909
Property Code 28508	Property Name HELENA	Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
E	25	21S	27E		1340'	NORTH	1040'	WEST	EDDY

8 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 UND. CARLSBAD MORROW, EAST						10" Proposed Pool 2			

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code FEE	Ground Level Elevation 3119'
Multiple N	Proposed Depth 12,100'	Formation MORROW	Contractor KEY RIG #37	Spud Date 8/10/2001

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17"	13 3/8"	48#	450'	550	CIRC.
12 1/4"	9 5/8"	36#	2,300'	900	CIRC.
8 3/4"	5 1/2"	17#	12,100'	900	TOC>8100'

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new product. 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 BOP will be installed on the 9-5/8" and tested daily. Cement to cover all oil, gas and water 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 prior to drilling the Wolfcamp. Mud Program: 0-2500' fresh water, 2500-8300' fresh water unless Cl become excessive, 8300-10,000' Cut brine, 10,000'-TD 9.2-10.0 ppg, vis 36 and wl<10.

NOTE: THIS WELL IS IN THE CARLSBAD CITY LIMITS. CARLSBAD CITY PERMIT ATTACHED.

23 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: OPERATIONS AND ENGINEERING MGR.

Date:

07/19/01

Phone:

(505) 746-0246

OIL CONSERVATION DIVISION

Approved by:

**ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR**

Title:

Approval Date:

JUL 23 2001

Expiration Date:

JUL 23 2002

Conditions of Approval

Attached ☐