

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-101
Revised February 10, 1999

Instructions on back
Submit to Appropriate District Office

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

PO BOX 2088
Santa Fe, NM 87504-2088

State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT IV
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

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

¹ Operator Name and Address MYCO Industries, Inc. POB 840 Artesia, NM 88210		² OGRID Number 15445
		³ API Number 30-015-31535
⁴ Property Code 27105	⁵ Property Name Austin State	⁶ 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
B	36	21S	27E		660	North	1400	East	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
⁹ Proposed Pool 1 Canlsbad, Morrow, CST					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3121
¹⁶ Multiple N	¹⁷ Proposed Depth 12,100	¹⁸ Formation Morrow	¹⁹ Contractor Key	²⁰ Spud Date 1/23/2001

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48#	475	550	Circulate
12-1/4	9-5/8	36#	2700 02500'	900	Circulate
8-3/4	5-1/2	17#	12,100	900	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 productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

MYCO proposes to drill and 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" and tested daily. Cement will cover all oil, gas and water bearing zones. MYCO will notify NMOCD of spud and in time to witness cementing the 9-5/8 and 5-1/2. A mud-gas separator will be installed and tested after setting the 9-5/8 and prior to drilling into the Wolfcamp. Mud Program: 0-550' Fresh water. 550-2700' Fresh/Brine. 2700-8300' Fresh water 8.3 ppg, Vis 28-29 sec, and Ph 10.3. 8300-10000' Brine-cut 9.6-10.0 ppg, Vis 28-29 sec Ph 9.0-9.5. 10000-TD Mud up 9.6-10 ppg, Vis 32-36 sec, WL < 10 cc.

* Fresh Water unless Chlorides in fluid become excessive.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: **N. A. Muncy, PECS**

Printed name: **Nelson A. Muncy**

Title: **MYCO Operations Manager**

Date: **01/08/01**

Phone: **(505) 746-0246 746-0247**

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUN
DISTRICT II SUPERVISOR

Approval Date:

JAN 10 2001

Expiration Date:

JAN 10 2002

Conditions of Approval --

Attached ☐