

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

¹ Operator Name and Address MYCO Industries, Inc. POB 840 Artesia, NM 88210		² OGRID Number 15445
⁴ Property Code 32129	⁵ Property Name Austin 36 State	³ API Number 30-015-32688
		⁶ Well No. 2

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
J	36	21S	27E		1650	South	1980	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					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 3108'
¹⁶ Multiple N	¹⁷ Proposed Depth 12,100'	¹⁸ Formation Morrow	¹⁹ Contractor Patterson-UTI	²⁰ Spud Date 04/01/2003

²¹ 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'	600	Circulate
12-1/4	9-5/8	36#	2450'	1000	Circulate
8-3/4	5-1/2	17#	12,100'	1200	8100'
Conductor Pipe			40'		Circulated

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. A 5000 PSI BOP will be installed on the 9-5/8" and tested daily. Cement will cover all oil, water and gas bearing zones. MYCO will notify NMOCD of spud and time to witness cement on surface and intermediate strings. A mud-gas separator will be installed and tested before drilling the Wolfcamp.

Mud Program: 0-475' Fresh water, 475-2450' Fresh water unless excessive chlorides in the mud. 2450-8300' Fresh water 8.3-ppg, Vis 28-29, PH 10.2-.3. 8300-10,000' Cut brine 9.9-10-ppg, Vis 28-29, PH 9.0-9.5. 10,00'-TD Mud up to 9.8-10.0 ppgg, Vis 32-36, WL<10.

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

Signature: *A. Nelson Muncy*

Printed Name: A. Nelson Muncy

Title: MYCO Oper-Engr Mgr

Date: 03/18/2003

Phone: (505)748-4289

OIL CONSERVATION DIVISION

Approved by: **ORIGINAL SIGNED BY TIM W. GUM**
Title: **DISTRICT IV SUPERVISOR**

Approval Date: **MAR 21 2003** Expiration Date: **MAR 21 2004**

Conditions of Approval:

Attached ☐

DISTRICT I

P.O. Box 1480, Hobbs, NM 88241-1080

DISTRICT II

P.O. Drawer 80, Artesia, NM 88211-0710

DISTRICT III

1000 Rio Brason Rd., Aztec, NM 87410

DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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	Pool Code	Pool Name
Property Code	Property Name: AUSTIN "36" STATE	Well Number 2
OGRID No.	Operator Name: MYCO INDUSTRIES, INC.	Elevation 3108'

Surface Location

UL or lot No.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
J	36	21-S	27-E		1650	SOUTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

<p>GEODETIC COORDINATES NAD 27 NME Y = 521543.5 X = 559541.5 LAT. 32°26'01.28"N LONG. 104°08'25.25"W</p> <p>3108.2' 3106.2' 1980' 3106.5' 3105.7' 1650'</p>	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>MINIMUNY, PELS</u> Signature <u>AN MUNCY</u> Printed Name <u>OPER-ENG R MGR</u> Title <u>3-21-03</u> 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. MARCH 19, 2003 Date Surveyed Registered Geologist Professional Surveyor Date 03/20/03 Registered Geologist Professional Surveyor Ronald S. Edson State of New Mexico No. 9238 19041

(S/2)

MYCO INDUSTRIES, INC.
TYPICAL 5,000 p.s.i.
BLOWOUT PREVENTER & CHOKE MANIFOLD SCHEMATIC

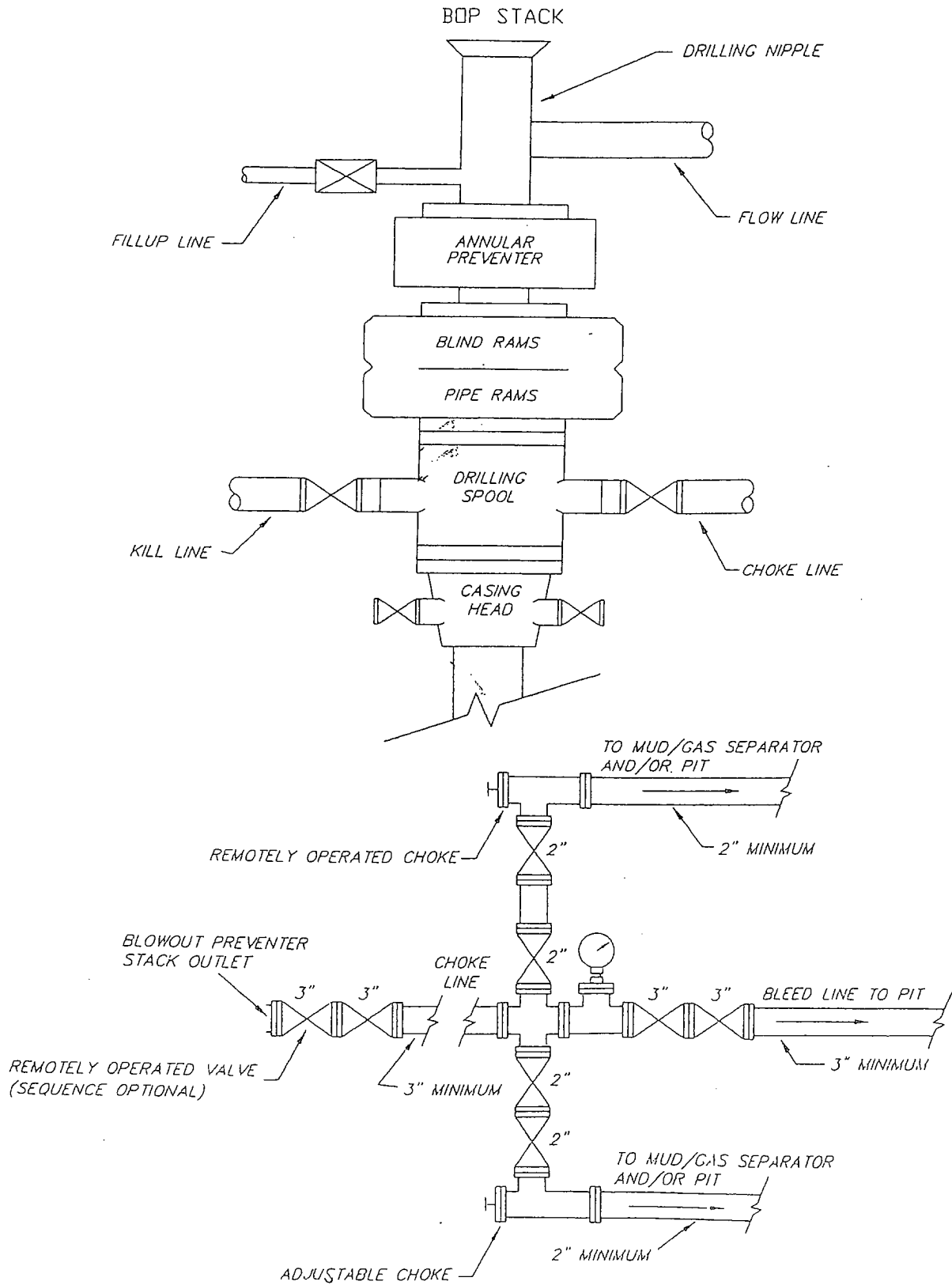


DIAGRAM -1