

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 Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-025-34942
⁴ Property Code 25265	⁵ Property Name Hytech AUM State	⁶ Well No. 2

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
45	2	10S	34E		2150'	South	1650'	East	Lea

⁸Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

⁹Proposed Pool 1

Wildcat Devonian

¹⁰Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4190'
¹⁶ Multiple No	¹⁷ Proposed Depth 13000'	¹⁸ Formation Devonian	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

²¹Proposed 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#	400'	400 sx	Circulated
12 1/4"	9 5/8"	36 & 40#	4200'	1400 sx	Circulated
8 3/4"	7"	26#	13000'	600 sx	TOC-7300'

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.

Yates Petroleum Corporation wishes to drill and test the Devonian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated. Intermediate casing will be set to approximately 4200' and cement circulated. If commercial, production casing will be run and cemented back to the TOC-7300', perforated and stimulated as needed for production.

MUD PROGRAM: 0-400' FW gel; 400-4200' cut brine to brine; 4200-7750' cut brine; 7750-11700' brine /s gel/diesel; 11700-13000' salt gel/starch.

BOPE PROGRAM: A 5000# BOPE will be installed on 9 5/8" casing and tested daily.

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

Signature:

Printed name: Ken Beardemphl

Title: Landman

Date: February 18, 2000

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date

Expiration Date:

Conditions of Approval:

Attached ☐

For _____

MP