

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised March 17, 1999
Instructions on back
Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

DISTRICT II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

PO BOX 2088
Santa Fe, NM 87504-2088

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87501

☐ 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 30-025-35402
⁴ Property Code 25265	⁵ Dome Hytech "AUM" State	⁶ Well No. 3

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	2	10S	34E		1500	North	1000	West	Lea

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 Wildcat Devonian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4202'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,000'	¹⁸ Formation Devonian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	400'	400 sx	Surface
11"	8 5/8"	32#	4200'	1750 sx	Surface
7 7/8"	5 1/2"	17# & 20#	13,000'	900 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 proposes 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 at 4200' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FWGel; 400-4200' FW Cut Brine to Brine; 4200-7800' Cut Brine; 7800'-11700' Brine/Salt Gel/Diesel; 11700'-TD Salt Gel/Starch/Drispac.

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

Non-Standard Location Being Applied For Administratively.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		OIL CONSERVATION DIVISION	
Printed name: Clifton R. May		Approved by:	
Title: Regulatory Agent		Title:	
Date: 01/03/01	Phone: (505) 748-1471	Approval Date:	Expiration Date:
		Conditions of Approval Attached <input type="checkbox"/>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

DISTRICT I
1826 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1900 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2048 South Pacheco, Santa Fe, NM 87506

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Energy, Minerals and Natural Resources Department

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Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35402	Pool Code ✓	Pool Name WILDCAT DEVONIAN
Property Code 25265	Property Name HYTECH "AUM" STATE	Well Number 3
OGEID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 4202

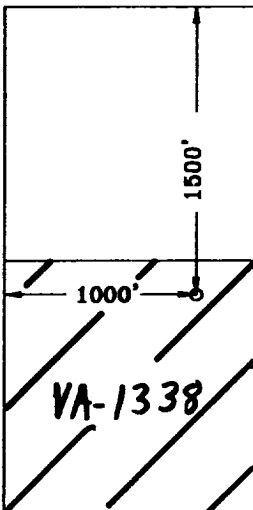
Surface Location

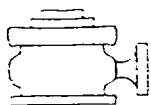
UL or lot No. E	Section 2	Township 10S	Range 34E	Lot Idn	Feet from the 1500	North/South line NORTH	Feet from the 1000	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

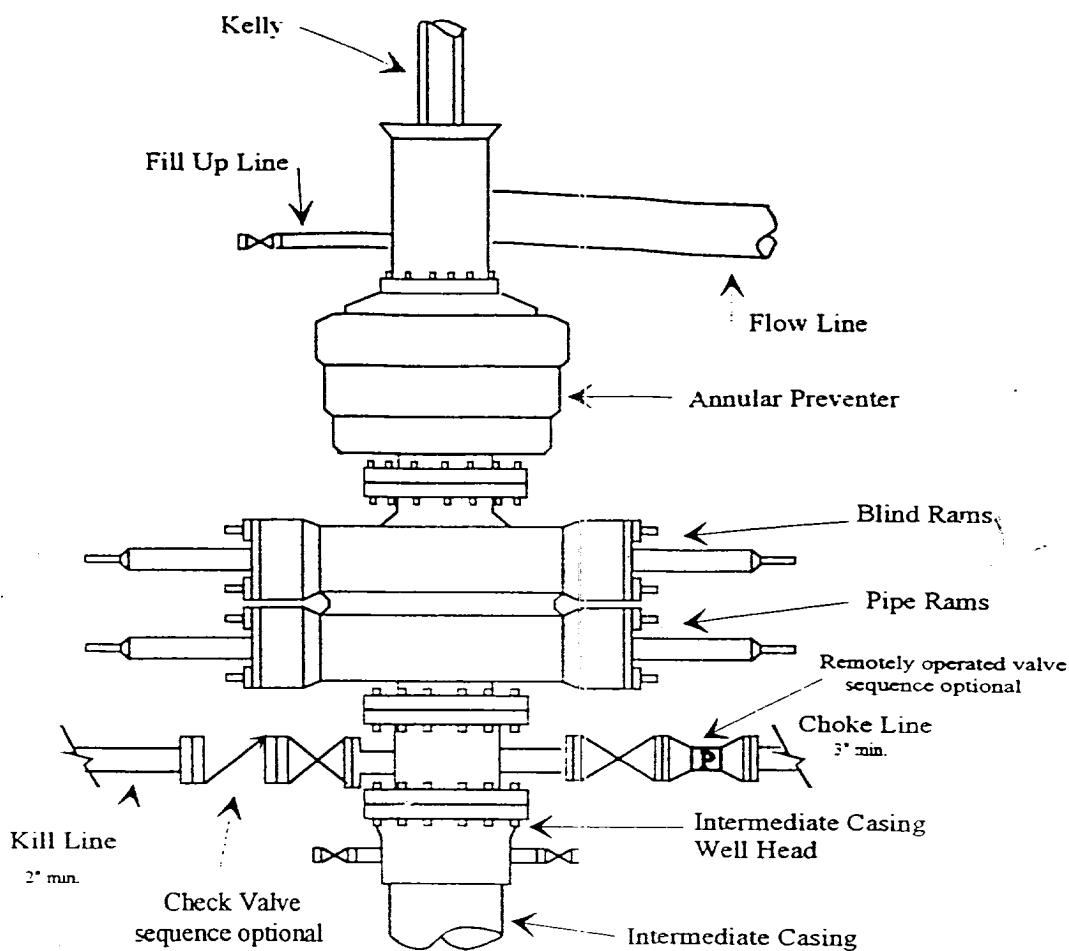
	Non-Standard Location Being Administratively	Applied For	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature CLIFTON R. MAY Printed Name REGULATORY AGENT Title 01-03-01 Date
			SURVEYOR CERTIFICATION I hereby 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. Date 12/21/2000 Signature Professional Surveyor 3640 Certification No. Hershel L. Jones RLS 3640 HYTECH 3 W/L GENERAL SURVEYING COMPANY



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

