

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

| | | |
|---|--|---|
| ¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 | | ² OGRID Number 025575 |
| | | ³ API Number 30-025-35319 |
| ⁴ Property Code 27054 | ⁵ Dome Dome Nonombre "AWZ" State | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F | 31 | 13S | 34E | | 1980 | North | 1980 | 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 Mississippian | | | | | 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 4176' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 13,700' | ¹⁸ Formation Mississippian | 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# | 4300' | 1400 sx | Surface |
| 7 7/8" | 5 1/2" | 17# & 20# | 13700' | 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.

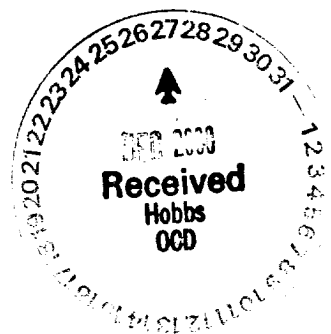
Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. Intermediate casing will be set at 4300' and cement circulated to surface. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-400' FWGel; 400-4300' Cut Brine going to Brine; 4300-7900' Cut Brine; 7900-12200' Brine/S.Gel/Diesel; 12200'-TD Salt Gel/Starch.

BOPE PROGRAM: A 5000# BOPE will be installed on the 8 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: <i>Clifton R. May</i> | | OIL CONSERVATION DIVISION ORIGINAL SIGNED BY <i>Clifton R. May</i> DISTRICT I SUPERVISOR | |
| Printed name: Clifton R. May | | Title: | |
| Title: Regulatory Agent | | Approved: <i>DEC 27 2000</i> | Expiration Date: |
| Date: 12/27/00 | Phone: (505) 748-1471 | Conditions of Approval Attached <input type="checkbox"/> | |

meP



DISTRICT I
1025 N. French St., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
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 30-025-35319 | Pool Code ✓ | Pool Name WILDCAT MISSISSIPPIAN |
| Property Code 27054 | Property Name DOME NONOMBRE "AWZ" STATE | Well Number 2 |
| OCED No. 025575 | Operator Name YATES PETROLEUM CORPORATION | Elevation 4176 |

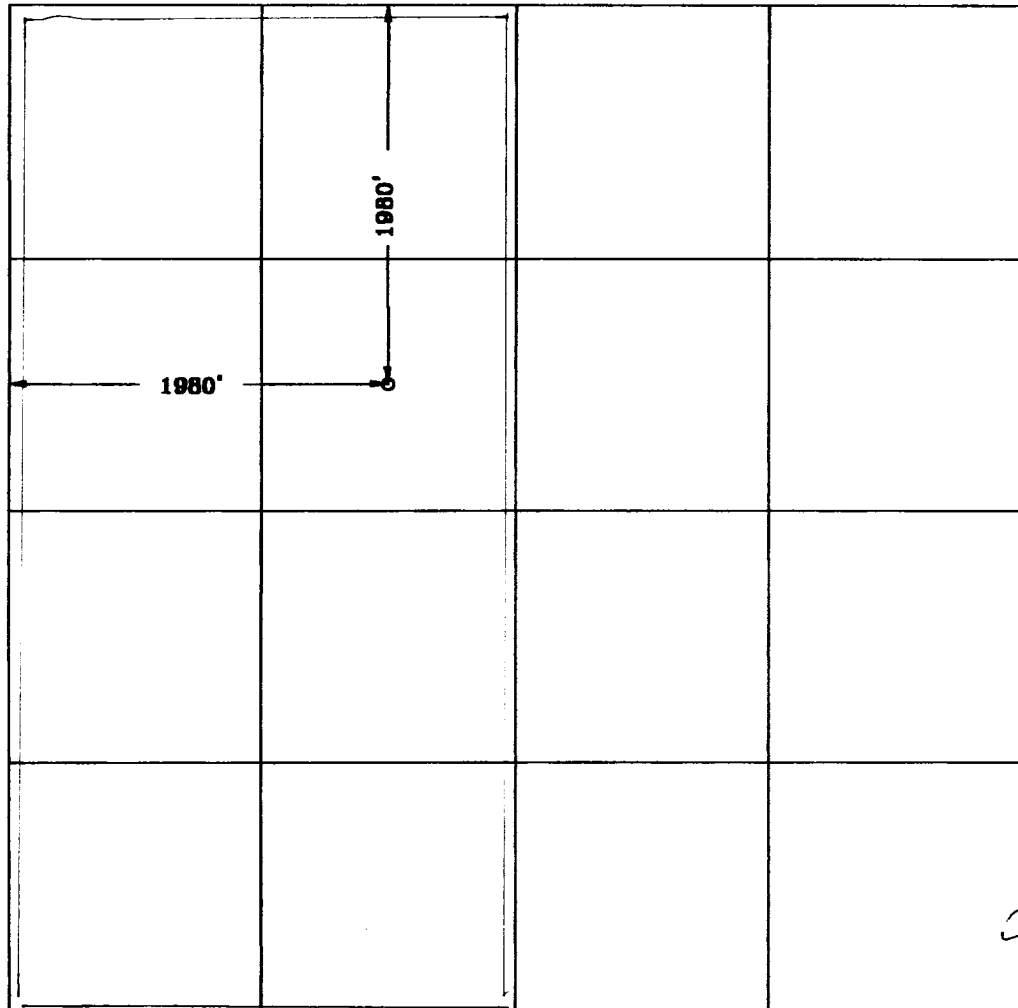
Surface Location

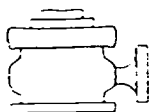
| UL or lot No. | Section | Township | Range | Lot 1/4 | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| F | 31 | 13S | 34E | | 1980 | NORTH | 1980 | WEST | LEA |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot 1/4 | Feet from the | North/South line | Feet from the | East/West line | County |
|------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres 320 | 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

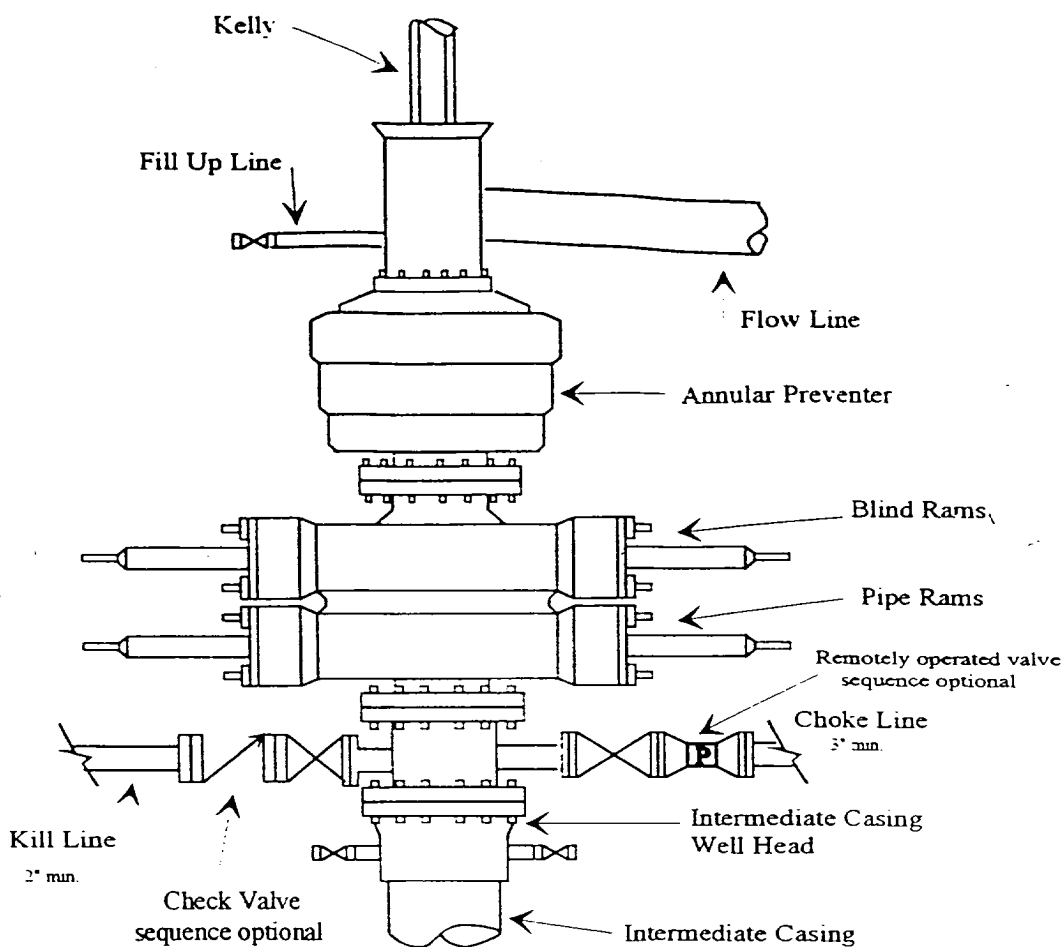
| | |
|--|---|
|  | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cliff R. May</i> Signature CLIFF R. MAY Printed Name REGULATORY AGENT Title 12-27-2000 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>12/22/2000 Date Surveyed</p> <p>Signature & Seal of Professional Surveyor <i>Herschell L. Jones</i> Certification No. Herschell L. Jones RLS 3640 DOME X2 CO # L-1 GENERAL SURVEYING COMPANY</p> |
|--|---|



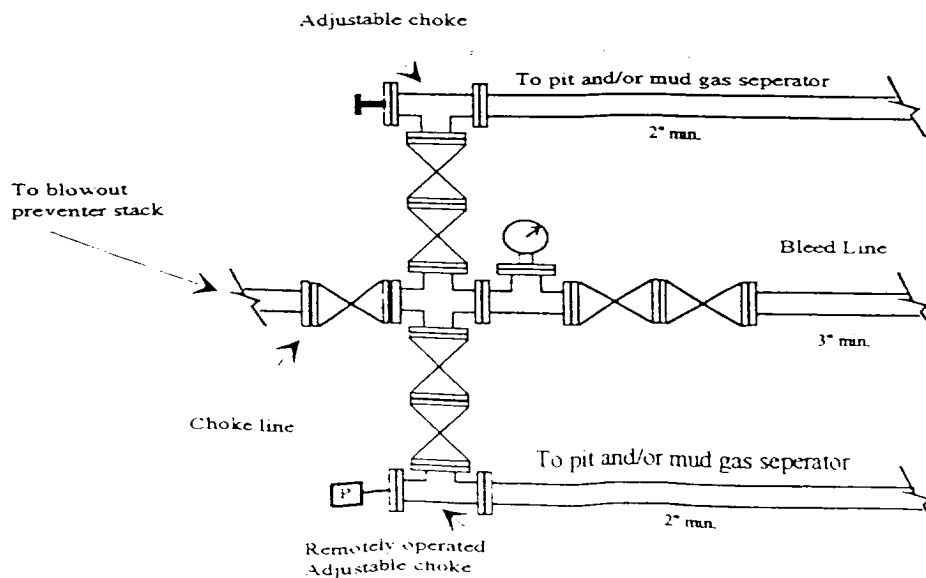
Yates Petroleum Corporation

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



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF

Handwritten signature

1024-2578-2710-001
↑
2000
Received
Hoobs
OCD