

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

DISTRICT II  
811 South First, Artesia, NM 88210

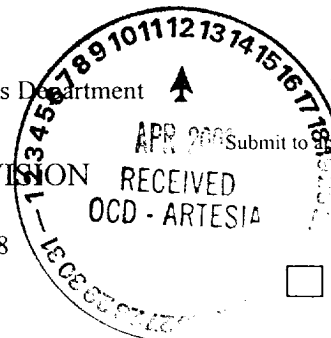
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

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

|   |   |   |
|---|---|---|
| <sup>1</sup> Operator Name and Address<br>Yates Petroleum Corporation<br>105 South Fourth Street<br>Artesia, New Mexico 88210 |   | <sup>2</sup> OGRID Number<br>025575       |
|   |   | <sup>3</sup> API Number<br>30- 005- 63273 |
| <sup>4</sup> Property Code<br>27894   | <sup>5</sup> Property Name<br>Trey "AYR" State Com. | <sup>6</sup> Well No.<br>1                |

<sup>7</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1             | 31      | 10S      | 27E   |         | 660'          | North            | 660'          | West           | Chaves |

<sup>8</sup> 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 1             |         |          |       |         |               |                  |               |                |        |

|   |  |  |  |  |                               |  |  |  |  |
|---|--|--|--|--|-------------------------------|--|--|--|--|
| <sup>9</sup> Proposed Pool 1<br>Und Comanche Springs; Pre Permian |  |  |  |  | <sup>10</sup> Proposed Pool 2 |  |  |  |  |
|---|--|--|--|--|-------------------------------|--|--|--|--|

|                                   |                                       |                                     |  |   |
|-----------------------------------|---------------------------------------|-------------------------------------|--|---|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>G     | <sup>13</sup> Cable/Rotary<br>R     | <sup>14</sup> Lease Type Code<br>State     | <sup>15</sup> Ground Level Elevation<br>3737' |
| <sup>16</sup> Multiple<br>N       | <sup>17</sup> Proposed Depth<br>6945' | <sup>18</sup> Formation<br>Basement | <sup>19</sup> Contractor<br>Not Determined | <sup>20</sup> Spud Date<br>ASAP               |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/feet | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 12 1/4"   | 8 5/8"      | 24#                | 600'          | 400 sx          | Surface       |
| 7 7/8"    | 5 1/2"      | 15.5#              | 6945'         | 500 sx          | **            |

\*\* Cement to cover all oil, gas & waterbearing zones.

<sup>22</sup> 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 Basement and intermediate formations. Approximately 600' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: 0-600' FWGel/Paper/LCM; 600-4660' Cut Brine/Brine; 4660-6945' Starch/Salt Gel.

BOPE PROGRAM: A 2000# BOPE will be installed on the 8 5/8" casing and tested daily.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief  
Signature: Pat Perez

Printed name: Pat Perez

Title: Regulatory Agent

Date: 04/12/01

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

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

Title:

Approval Date: APR 15 2001

Expiration Date: APR 15 2002

Conditions of Approval

Attached ☐

DISTRICT I  
1225 N. Francis Dr., Hobbs, NM 88240  
DISTRICT II  
811 South First, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brason Rd., Aztec, NM 87410  
DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87605

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    | Pool Code                   | Pool Name           |
|               |                             | Wildcat Precambrian |
| Property Code | Property Name               | Well Number         |
|               | TREY "AYR" STATE COM.       | 1                   |
| OGED No.      | Operator Name               | Elevation           |
| 025575        | YATES PETROLEUM CORPORATION | 3737                |

Surface Location

|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| D             | 31      | 10S      | 27E   |         | 660           | NORTH            | 660           | WEST           | CHAVES |

Lot 1

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 | Joint or Infill | Consolidation Code | Order No. |         |               |                  |               |                |        |
| 320             |                 |                    |           |         |               |                  |               |                |        |

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

|  |         |  |  |
|--|---------|--|--|
|  | V-4916  |  |  |
|  | VA-2024 |  |  |
|  |         |  |  |
|  |         |  |  |
|  |         |  |  |

OPERATOR CERTIFICATION

I hereby certify the information  
contained herein is true and complete to the  
best of my knowledge and belief.

Signature

Pat Perez  
Printed Name

Regulatory Agent  
Title

4-12-01  
Date

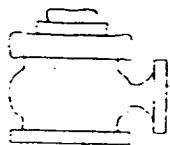
SURVEYOR CERTIFICATION

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.

4/11/2001

Date Surveyed

Signature & Seal of  
Professional Surveyor

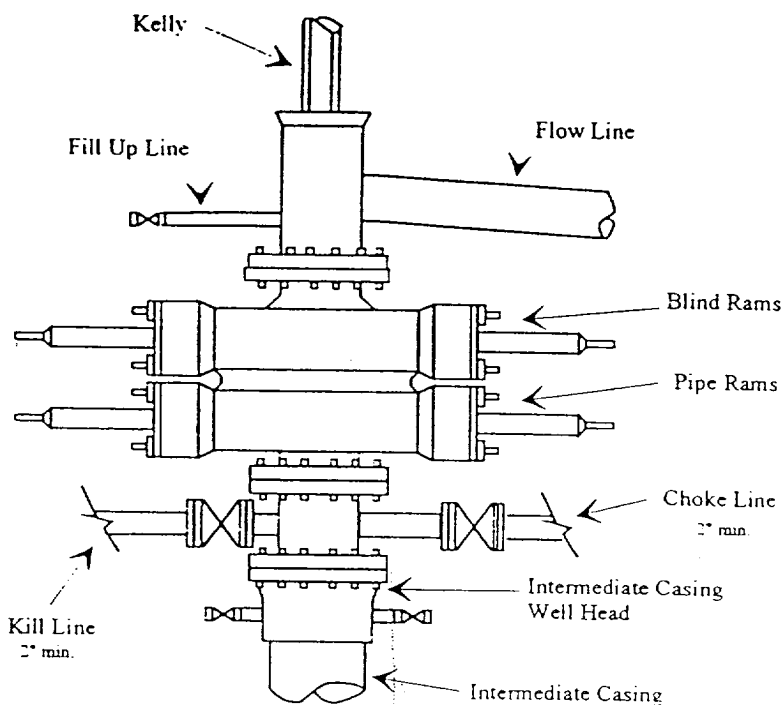


# Yates Petroleum Corporation

BOP-2

## Typical 2,000 psi Pressure System Schematic

### Double Ram Preventer Stack



Typical 2,000 psi choke manifold assembly with at least these minimum features

