

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
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APR 07 2011
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
HOBBSOCD

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN,
PLUGBACK, OR ADD A ZONE**

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------|
| ¹ Operator Name and Address Yates Petroleum Corporation 105 S. Fourth Street Artesia, NM 88210 | | ² OGRID Number 025575 |
| | | ³ API Number 30 - 025 - 40111 |
| ³ Property Code 34560 | ⁵ Property Name BRAILLE BFR | ⁶ Well No. 1 |
| ⁹ Proposed Pool 1 Wildcat Mississippian | | ¹⁰ Proposed Pool 2 (97791) |

7 Surface Location

| | | | | | | | | | |
|--------------------|--------------|----------------|--------------|---------|-----------------------|---------------------------|------------------------|------------------------|---------------|
| UL or lot no. A | Section 6 | Township 9S | Range 34E | Lot 1dn | Feet from the 800' | North/South line North | Feet from the 1100' | East/West line East | County Lea |
|--------------------|--------------|----------------|--------------|---------|-----------------------|---------------------------|------------------------|------------------------|---------------|

8 Proposed 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

Additional Well Information

| | | | | |
|-----------------------------------|----------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------------------|
| ¹¹ Work Type Code N | ¹² Well Type Code Gas | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code Private | ¹⁵ Ground Level Elevation 4308' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth 11734' | ¹⁸ Formation Mississippian | ¹⁹ Contractor | ²⁰ Spud Date ASAP |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17.5 | 13.375 | 48 | 400' | 450 | 0 |
| 12.5 | 9.625 | 36 | 3900' | 1400 | 0 |
| 8.75 | 5.5 | 17 | 11734' | 2100 | TOC 3400 |
| | | | | | |
| | | | | | |

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/intermediate formations. Approximately 400' of the surface casing will be set and cement circulated. Intermediate casing will be set at 3900', cement circulated to surface. If commercial, production casing will be run/cemented, will perforate and stimulate as needed for production. MUD PROGRAM: 0-400' Fresh Water Gel/paper; 400'-2130 Fresh Water; 2130-3900' Red Bed Mud/Oil; 3900-7600' Cut Brine; 7600-10700' SW Gel/Starch; 10700'-TD SW Gel/Starch/4-6% KCL. No H2S is anticipated. BOPE PROGRAM: a 5000# BOPE will be installed on the 9.625" casing and tested daily for operational.

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

Signature:

Monti Sanders

Printed name:
Monti Sanders

Title:
Land Regulatory Technician

E-mail Address:
montis@yatespetroleum.com

Date:
2/3/11

Phone:
575-748-4244

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:
PETROLEUM ENGINEER

Approval Date:
APR 15 2011

Expiration Date:

Conditions of Approval Attached ☐

APR 21 2011

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised July 16, 2010

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------------|-----------------------------------------------------------|-------------------------------------------------|
| ¹ API Number 30-025-40111 | ² Pool Code 97791 | ³ Pool Name Wildcat Mississippian |
| ⁴ Property Code 34660 | ⁵ Property Name Braille BFR | ⁶ Well Number 1 |
| ⁷ OGRID No. 25575 | ⁸ Operator Name Yates Petroleum Corporation | ⁹ Elevation 4308' |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 6 | 9S | 34E | | 800 | North | 1100 | East | Lea |

¹¹ 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|-----------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 316.25 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.

| | | | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| ¹⁶ | ¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Date 2/2/11 Monti Sanders Printed Name montis@yatespetroleum.com E-mail Address | | |
| | ¹⁸ 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. REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyor: Certificate Number | | |
| | | | |

DISTRICT I
1400 N. French St., Hobbs, NM 88240

DISTRICT II
611 South First, Artesia, NM 88210

DISTRICT III
1600 Rio Brueco 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, 1989
Instructions 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 | Well Code | Well Name |
| | | Wildcat Mississippian |
| Property Code | Property Name | Well Number |
| | BRILLE "BFR" | 1 |
| OCRD No. | Operator Name | Elevation |
| 025375 | YATES PETROLEUM CORPORATION | 4308 |

Surface Location

| UL or lot No. | Section | Township | Range | Lot No. | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| A | 6 | 9S | 34E | | 800 | NORTH | 1100 | EAST | LEA |

Bottom Hole Location if Different From Surface

| | | | | | | | | | |
|---------------|---------|-------------|--------------------|-----------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot No. | Feet from the | North/South line | Feet from the | East/West line | County |
| | | | | | | | | | |
| Billed Area | | John or Ind | Consolidation Code | Order No. | | | | | |
| 316.25 N/2 | | | | | | | | | |

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 furnished herein is true and complete to the best of my knowledge and belief.</p> <p><i>Clifton R. May</i></p> <p>Signature</p> <p>Clifton R. May</p> <p>Printed Name</p> <p>Regulatory Agent</p> <p>Yates</p> <p>December 11, 2006</p> <p>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>12/05/2004</p> <p>Date Surveyed</p> <p>Signature of Surveyor</p> <p>Professional Seal</p> <p>3640</p> <p>Certification of Surveyor Jones NLS 3640</p> <p>BRILLE</p> <p>GENERAL SURVEYING COMPANY</p> |

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HOBBS OCD

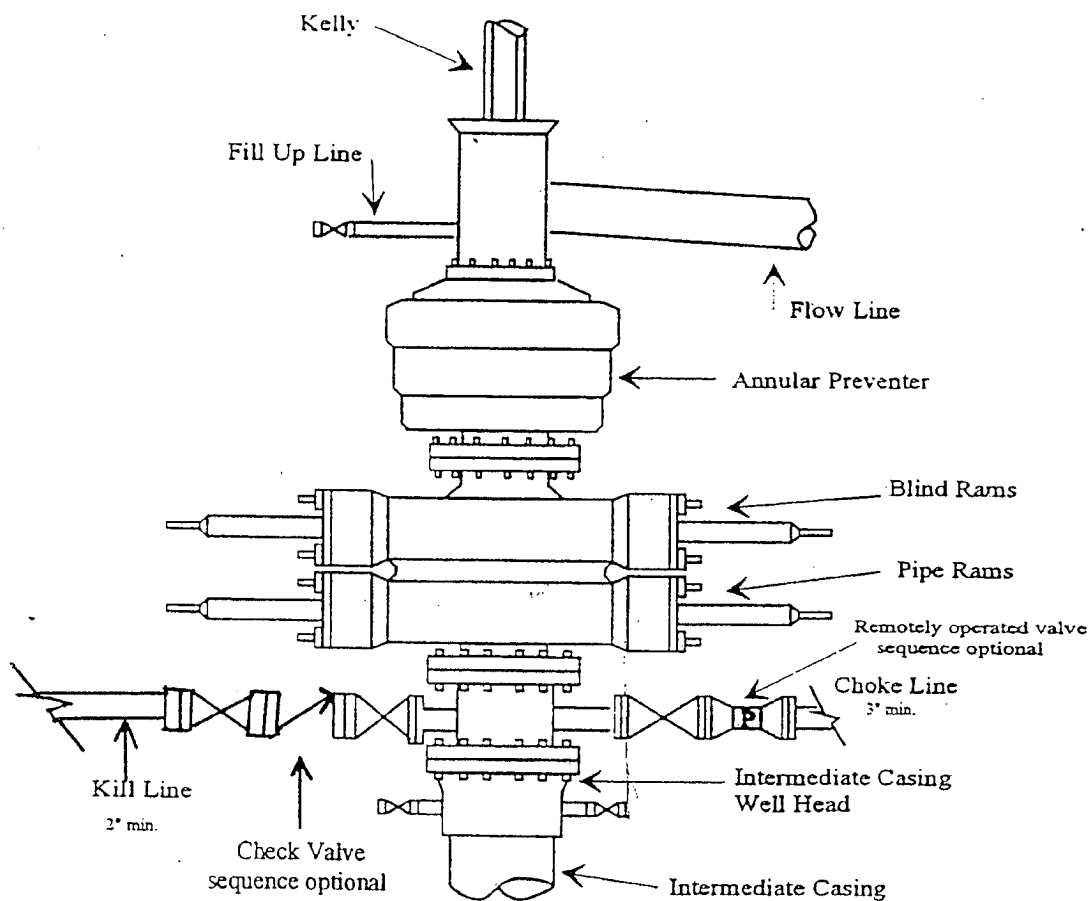
0 330' 600' 900' 1200' 1500' 1800' 2100' 2400' 2700' 3000' 3300' 3600'



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

