

District I
PO Box 1980, Hobbs, NM 88241-1980
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 & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
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, PLUG BACK, OR ADD A ZONE

| | | |
|--|---|---|
| ¹ Operator Name and Address. YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210 | | ² OGRID Number 025575 |
| ⁴ Property Code 24851 | ⁵ Property Name Samedan ATH State | ³ API Number 30-00S-62769 |
| | | ⁶ Well No. 1 |

⁷ Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I | 35 | 10S | 26E | | 1980' | South | 660' | East | Chaves |

⁸ Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---|---------|----------|-------|---------|-------------------------------|------------------|---------------|----------------|--------|
| ⁹ Proposed Pool 1 Wildcat | | | | | ¹⁰ Proposed Pool 2 | | | | |

| | | | | |
|-----------------------------------|---------------------------------------|--|--|---|
| ¹¹ Work Type Code E | ¹² Well Type Code M | ¹³ Cable/rotary Pulling Unit | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3673.3' |
| ¹⁶ Multiple No | ¹⁷ Proposed Depth 6358' | ¹⁸ Formation Wolfcamp | ¹⁹ Contractor Not determined | ²⁰ Spud Date ASAP |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------------------|
| 12 1/4" | 8 5/8" | 24# J-55 | 1207' | 700 sx | In Place |
| 7 7/8" | 5 1/2" | 15.5# J-55 | 6350' | 800 sx | Tie back to the 8 5/8" |
| | | | | | |
| | | | | | |
| | | | | | |

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 proposed to drill out plugs and clean out existing well bore to 6358'. This well was originally drilled as the Samedan "35" State #2 by BHP Petroleum, Inc. This well was P/A'ed in March, 1990. We will run and cement casing to 6350'. Plan to selectively perforate, acidize and test the Montoya, Penn, and Wolfcamp formations.

MUD PROGRAM: 0-TD Salt Gel Mud with water loss control.

BOPE PROGRAM: BOPE will be installed on the 8 5/8" 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:

Printed name: KEN BEARDEMPHL

Title: LANDMAN

Date: August 23, 1999

Phone: 505-748-4348

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

8-30-99

Expiration Date:

8-30-00

Conditions of Approval:

Attached ☐

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------|--|--|--|------------------------|------------------------|
| 1 API Number | | 2 Pool Code | | 3 Pool Name Wildcat | |
| 4 Property Code | | 5 Property Name Samedan ATH State | | | 6 Well Number 1 |
| 7 OGRID No. 025575 | | 8 Operator Name YATES PETROLEUM CORPORATION | | | 9 Elevation 3673.3' |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| I | 35 | 10S | 26E | | 1980' | South | 660' | East | Chaves |

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 320 | 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 | | | | | <p>17 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>Signature <u>Ken Beardemphl</u></p> <p>Printed Name Ken Beardemphl</p> <p>Title Landman</p> <p>Date August 23, 1999</p> | |
| | | | | | <p>18 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>REFER TO ORIGINAL PLAT</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> | |
| | | | | | <p>Certificate Number</p> | |
| | | | | | | |

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

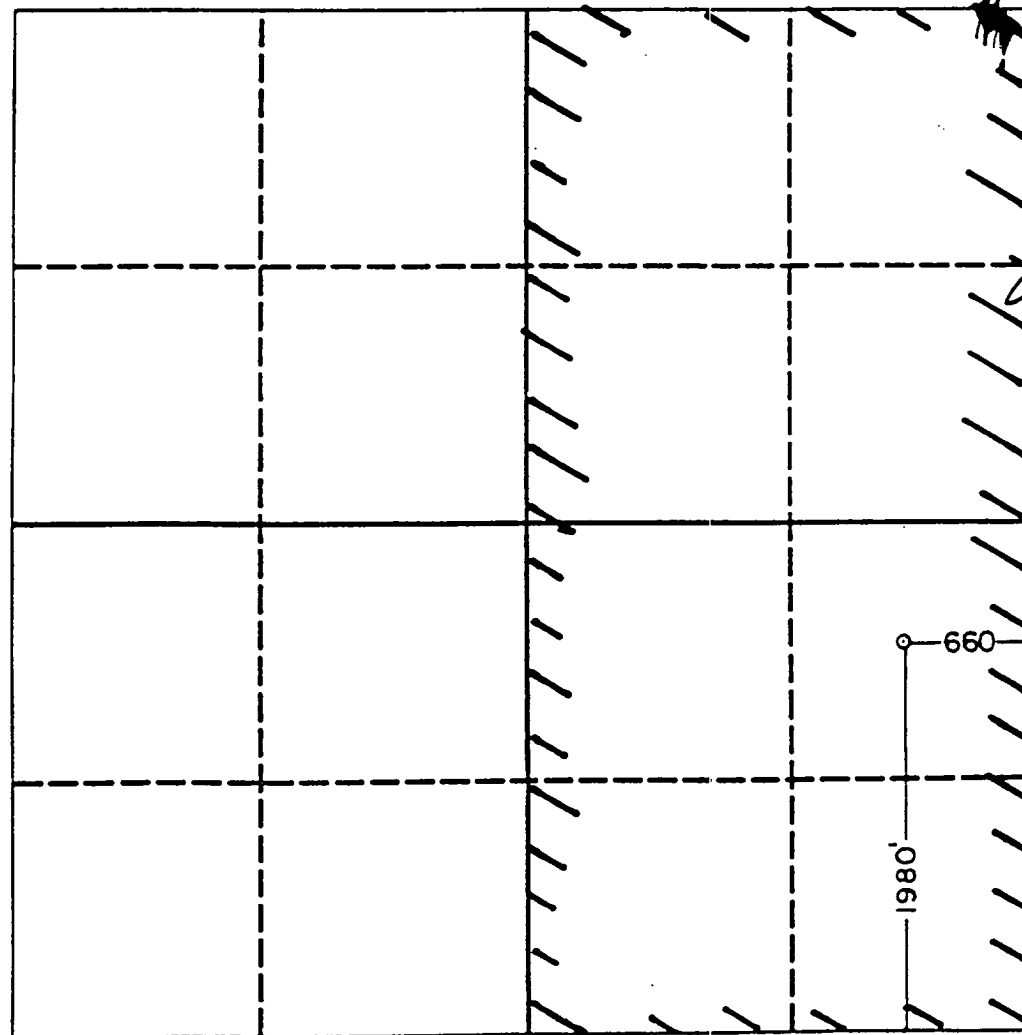
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

| | | | | | |
|---|------------------------------------|----------------------|---|------------------|---------------------------------|
| Operator BHP PETROLEUM COMPANY (AMERICAS) INC. | | | Lease SAMEDAN 35 | | Well No. 2 |
| Unit Letter I | Section 35 | Township 10 SOUTH | Range 26 EAST | County CHAVES | |
| Actual Footage Location of Well: 1980 feet from the SOUTH line and 660 feet from the EAST line | | | | | |
| Ground level Elev. | Producing Formation ELLENBURGER | | Pool RABBIT FLATS-PRE PERMIAN (EXTENSION) | | Dedicated Acreage: 320 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to this well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary). _____
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature: *John W. West*

Printed Name
JOHN W. WEST

Position
AGENT

Company
BHP PETROLEUM CO (AMERICAS) INC.

Date
2-9-90

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 knowledge and belief.

Date Surveyed
NO.

Signature and Seal of Professional Surveyor
676

JOHN W. WEST

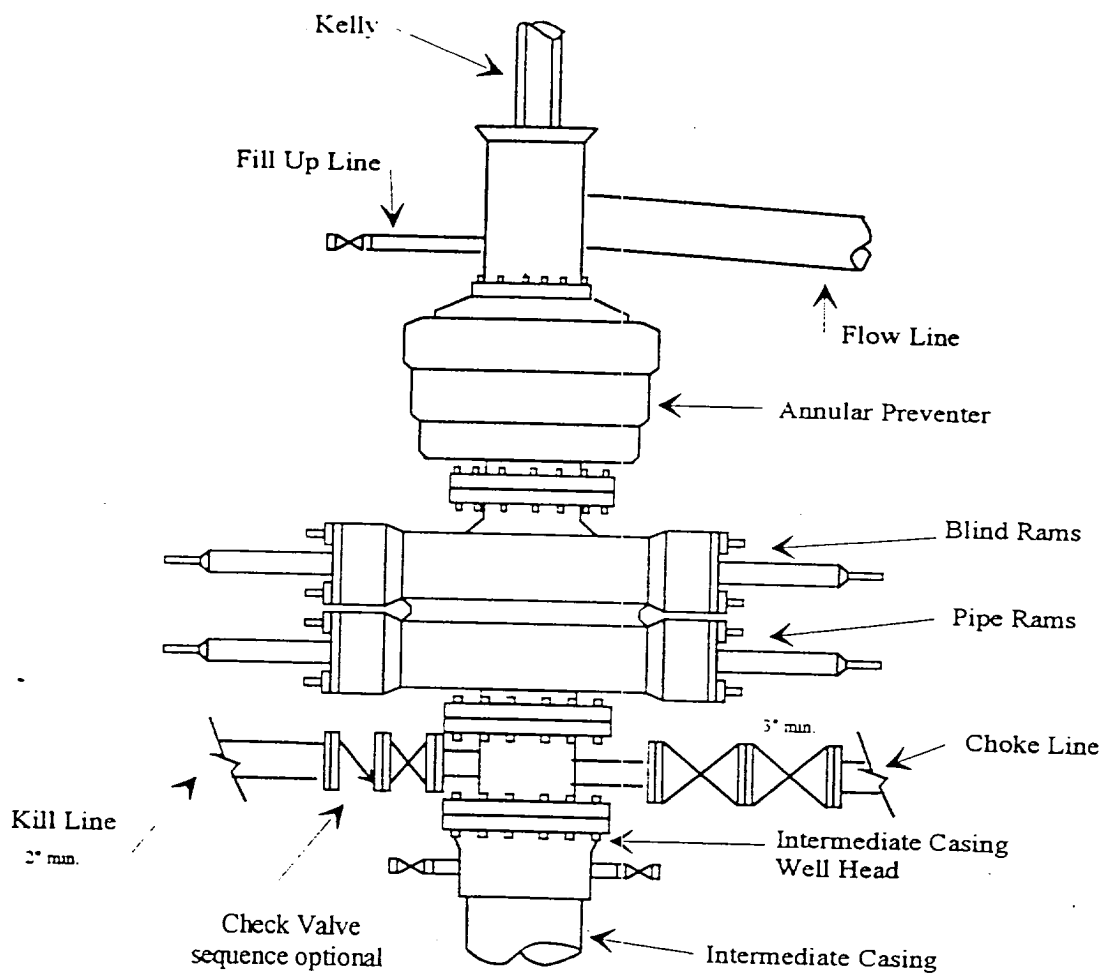
Certified By: JOHN W. WEST, 676
RONALD J. EIDSON, 3239



ates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features

