

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-101
Revised February 10, 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, PLUGBACK, OR ADD A ZONE

| | | |
|---|--|----------------------------|
| Operator Name and Address. Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210 | | OGRID Number 25575 |
| | | API Number 30-005-62756 |
| Property Code 17119 | Property Name Bittersweet A0Z State Com | Well No. 1 |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J | 28 | 9S | 26E | | 1980 | South | 1980 | East | Chaves |

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 |
|--|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| North Four Ranch Wolfcamp - 7675 76755 | | | | | | | | | |

| | | | | |
|-----------------------------|------------------------------|------------------------------|-----------------------|------------------------------------|
| Work Type Code P | Well Type Code G | Cable/Rotary Pulling Unit | Lease Type Code S | Ground Level Elevation 3763' GR |
| Multiple Poss. Commingle | Proposed Depth PBDT 5450' | Formation Wolfcamp | Contractor Unknown | 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# | 954' | In place | |
| 7-7/8" | 5-1/2" | 15.5# | 6158' | In place | |
| | | | | | |
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" 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.
Propose to temporarily abandon perforations 5860-5908' (Ordovician) and recomple to Wolfcamp as follows:

1. Pump 2% KCL water down tubing to kill well. Load the backside. Nipple down well-head and nipple up BOP. Unset packer. TOOH with tubing and packer.
2. Perforate 5381-5387' (Wolfcamp), acidize as necessary for production. NOTE: RBP will be set at 5450' to temporarily abandon Ordovician perms. 5860-5908'.
3. Swab/flow test.

CONTINUED ON NEXT PAGE:

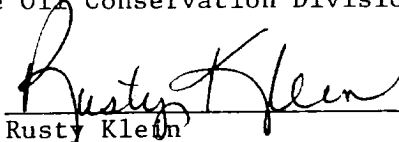
| | | | |
|--|--|--|--|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Rusty Klein</i> Printed name: Rusty Klein Title: Operations Technician Date: Jan. 19, 2000 Phone: 505-748-1471 | | OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM Title: DISTRICT II SUPERVISOR Approval Date: 2-4-00 Expiration Date: 2-4-01 Conditions of Approval: Attached <input type="checkbox"/> | |
|--|--|--|--|

YATES PETROLEUM CORPORATION
Bittersweet AOZ State Com #1
Section 28-T9S-R26E
Chaves County, New Mexico

SUNDRY NOTICE CONTINUED:

4. If Wolfcamp is not productive, a decision will be made either to return well to Ordovician or to temporarily abandon well.
5. If Wolfcamp is productive and decision is made to commingle Wolfcamp and Ordovician: TIH and release packer and RBP. TOOH with tubing, packer and RBP.
6. TIH with tubing, on/off tool and packer. Set packer at 5300'±. Swab Wolfcamp and Ordovician zones in and place well into production.

If decision is made to commingle perforations 5381-5387' (Wolfcamp) and 5860-5908' (Ordovician), application will be made to the Oil Conservation Division.

A handwritten signature in black ink, appearing to read "Rusty Klein", is written over a horizontal line.

Rusty Klein
Operations Technician
January 19, 2000

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number 30-005-62756 | ² Pool Code 76750 | ³ Pool Name Foor Ranch Wolfcamp |
| ⁴ Property Code 17119 | ⁵ Property Name Bittersweet AOZ State Com | ⁶ Well Number 1 |
| ⁷ OGRID No. 025575 | ⁸ Operator Name Yates Petroleum Corporation | ⁹ Elevation 3763' GR |

¹⁰ Surface Location

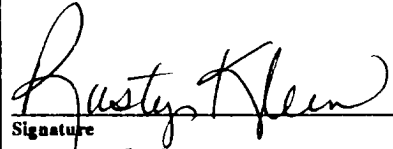
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| J | 28 | 9S | 26E | | 1980 | South | 1980 | East | Chaves |

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p></p> <p>Signature Rusty Klein Printed Name Operations Technician Title January 19, 2000 Date</p> |
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| | | | | <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>REFER TO ORIGINAL PLAT</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyer:</p> <p>Certificate Number</p> |
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