## Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies

## State of New Mexico Ene.

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|----------|-----------|-----------|----------|----------|
| Minerals | and Nat   | ural Reso | urces De | partment |

Form C-101 Revised 1-1-89

**DISTRICT I** P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

API NO. (assigned by OCD on New Wells)

6. State Oil & Gas Lease No.

LG - 7990

SIZE OF HOLE

12 1/4"

7 7/8"

SIZE OF CASING

8 5/8"

5 1/2"

Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DEVESTOR

5. Indicate Type of Lease

DISTRICTI P.O. Drawer DD, Artesia, NM 88210

FEB 22 '90

STATE X FEE

DISTRICTIII 1000 Rio Brazos Rd., Aztec, NM 87410

Q C. D.

SETTING DEPTH

Approx. 1650'

TD

| Lease Name or Unit Agreem |  |
|---------------------------|--|

| APPLICATION FOR PERMIT                                     | TO DRILL, DEEPEN, OR | <b>EUGIBACK</b> C                       | E ///////   |               |                    |
|--|----------------------|---|---|---------------|--------------------|
| 1a. Type of Work:  |                      |   | 7. Lease Na   | me or Unit Ag | reement Name       |
| DRILL X RE-ENTE b. Type of Well: OIL GAS WELL WELL X OTHER | R DEEPEN P           | LUG BACK MULTIPLE ZONE                  | Wolf Wolf   | 'AHF" Sta     | ate                |
| 2. Name of Operator  |                      |   | 8. Well No.   |               |                    |
| Yates Petroleum Corporati                                  | on 🗸                 |   | ,   | 1 .           |                    |
| 3. Address of Operator                                     |                      | *************************************** | 9. Pool nam   | e or Wildcat  |                    |
| 105 South Fourth Street,                                   | Artesia, New Mexico  | 88210                                   | X Precar  | mbrian W      | ildcat             |
| 4. Well Location Unit Letter A: 660 Feet                   | From The North       | Line and (                              | 560 Feet  | From The      | East Line          |
| Section 13 Town  | nship 9 South Range  | 27 East                                 | NMPM  | Chave         | es County          |
|  |                      |   |   |               |                    |
|  | 10. Proposed Depth   |   | 11. Formation   | İ             | 12. Rotary or C.T. |
|  | 7000'                |   | Precambria  | 1             | Rotary             |
| · · · · · · · · · · · · · · · · · · ·                      |                      | _                                       | Drilling Contractor Undesignated  16. Approx. Date Work will start As soon as possi |               |                    |
| 17. PROPOSED CASING AND CEMENT PROGRAM                     |                      |   |   |               |                    |

We propose to drill and test the precambrian and intermediate formations. Approximately 1650' of surface casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 1650', brine to 5000', SW gel/starch to TD.

WEIGHT PER FOOT I

24# J-55

15.5# J-55

Post ID-1 3-9-90

EST. TOP

Circulate

As warranted

BOP PROGRAM: BOPE will be installed at the offset and tested daily. Mur DKY API



SACKS OF CEMENT

825 sacks

300 sacks

| ZONE, GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.  |         |
|--|---------|
| I hereby certify that the information above is true and complete to the best of my knowledge and belief. |         |
| SKNATURE Cloth R. May THE Permit Agent DATE.   | 2-22-90 |

TYPE OR PRINT NAME ifton R

ORIGINAL SIGNED BY (This space for State Use) MIKE WILLIAMS SUPERVISOR, DISTRICT IT APPROVED BY\_

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

## State of New Mexico \_\_nergy, Minerals and Natural Resources Departn\_\_\_t

Form C-102 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

## **OIL CONSERVATION DIVISION**

P.O. Box 2088

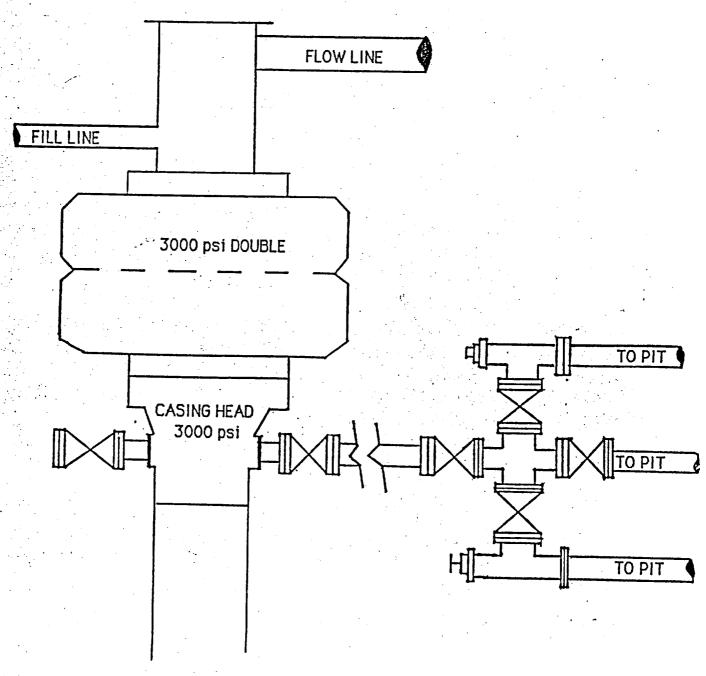
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| Operator            |   |  | 11 0000  |                         | DVOLV-   |
|---------------------|---|--|--|-------------------------|--|
|                     | troleum Co  | orporation   | Wolf "AHF  | U C+a+c                 | Well No.   |
| Unit Letter         | Section   | Township   | Range  | State                   | County   |
| A                   | 13  | 9 South  | 27 East  |                         |  |
| Actual Footage Loc  |   | J Bouch  | 27 Edst  | NMPN                    | Chaves   |
| 660.                | feet from the   | North li   | ne and 660   | feet from               | the East line  |
| Ground level Elev.  | Prod  | ucing Formation  | Pool   |                         | Dedicated Acreage:   |
| 3874.0'             | GR PRE  | CAMBRIAN   | WILDCAT  |                         | 40 Acres   |
| 2. If mor           | re than one lease is  | dedicated to the well, outline of                            | ored pencil or hachire marks on<br>each and identify the ownership to  | nereof (both as to work |  |
| If answer this form | tion, force-pooling Yes r is "no" list the over if neccessary.  //able will be assign | g, etc.?  No If answer is ' where and tract descriptions whi | d to the well, have the interest of 'yes' type of consolidation ch have actually been consolidated that been consolidated the consolidated the been appropried by the Division | ed. (Use reverse side o | (  |
| Of their a          |   | , eminaring such meres, has                                  | ocea approved by the Division.   | 9                       | OPERATOR CERTIFICATION  I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief.  |
|                     | <br> <br>   |  | La   | 3440                    | Signature Clifton R. May Clifton R. May  |
|                     |   |  | <br> <br> <br> <br>  |                         | Position Permit Agent Company Yates Petroleum Corporatio Date February 22, 1990  |
|                     |   |  |  |                         | SURVEYOR CERTIFICATION  I hereby certify that the well location shows on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief. |
|                     |   |  |  |                         | Date Surveyed  2/22/90  Signature Har of Processed Libertory  HERSCHEL  7 L/ JONES  2 036400   |
|                     |   |  |  |                         | FO LAND SUFF   |
| 0 330 660           | 990 1320 16   | 50 1980 2310 2640  | 2000 1500 1000   | 500 0                   | Me as to me  |



BLOWOUT PREVENTER