

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

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

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| API NO. (assigned by OCD on New Wells)                                                              |
| 30-045-28420                                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>LG-9803                                                             |

|                                                                                                                                                                                                                             |                |                                          |               |                                                               |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------|---------------|---------------------------------------------------------------|----------|
| <b>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</b>                                                                                                                                                                |                |                                          |               |                                                               |          |
| 1a. Type of Work:<br>DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                                         |                |                                          |               | 7. Lease Name or Unit Agreement Name<br><br>Ursus State "AIM" |          |
| b. Type of Well:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/><br>SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> |                |                                          |               |                                                               |          |
| 2. Name of Operator<br>Yates Petroleum Corporation (505) 748-1471                                                                                                                                                           |                |                                          |               | 8. Well No. #1                                                |          |
| 3. Address of Operator<br>105 South 4th St., NM 88210                                                                                                                                                                       |                |                                          |               | 9. Pool name or Wildcat<br>Undes. Gallup/Bas. Dakota          |          |
| 4. Well Location Unit Letter K : 1850 Feet From The South Line and 2,300 Feet From The West Lin                                                                                                                             |                |                                          |               |                                                               |          |
| Section 16 Township 24 n Range 10 w NMPM San Juan County                                                                                                                                                                    |                |                                          |               |                                                               |          |
| 10. Proposed Depth<br>6,200'                                                                                                                                                                                                |                | 11. Formation<br>Gallup/Dakota           |               | 12. Rotary or C.T.<br>Rotary                                  |          |
| 13. Elevations (Show whether DF, RT, GR, etc.)<br>6,816' GL                                                                                                                                                                 |                | 14. Kind & Status Plug Bond<br>Statewide |               | 15. Drilling Contractor<br>Bid Not Yet Awarded                |          |
| 16. Approx. Date Work will start<br>Jan. 10, 1991                                                                                                                                                                           |                |                                          |               |                                                               |          |
| 17. PROPOSED CASING AND CEMENT PROGRAM 40/5/320                                                                                                                                                                             |                |                                          |               |                                                               |          |
| SIZE OF HOLE                                                                                                                                                                                                                | SIZE OF CASING | WEIGHT PER FOOT                          | SETTING DEPTH | SACKS OF CEMENT                                               | EST. TOP |
| 12-1/4"                                                                                                                                                                                                                     | 8-5/8"         | 24                                       | 240'          | 225 cu ft                                                     | GL       |
| 7-7/8"                                                                                                                                                                                                                      | 5-1/2"         | 15.5                                     | 6,200'        | 1,650 cu ft                                                   | GL       |

Will use 3,000 BOP.

Well is on state lease LG-9803 which consists of 280 ac. (SW4, W2NW4, & NENW 16-24n-10w). If Dakota appears productive, will communitize SE4 which is leased by Merrion Oil & Gas Corporation prior to producing from Dakota.

APPROVAL EXPIRES 5-20-91  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED  
WITHIN 10 DAYS

**RECEIVED**

NOV 19 1990

OIL CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PROPOSED DEEPENING OR PLUG BACK AND PROPOSED NEW PRODUCTIVITY 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.

SIGNATURE Brian Wood TITLE Consultant DATE 11-16-90  
TYPE OR PRINT NAME Brian Wood (Permits West, Inc.) (505) 984-8120 TELEPHONE NO.

(This space for State Use)

APPROVED BY Emil Sandoz DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE NOV 20 1990

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104 for DAK NSC FEA + MC

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## WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

|                                                                                                                           |                                             |                             |                                           |                                           |                   |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|-------------------------------------------|-------------------------------------------|-------------------|
| Operator<br><b>YATES PETROLEUM CORPORATION</b>                                                                            |                                             |                             | Lease<br><b>Ursus State "AIM"</b>         |                                           | Well<br><b>#1</b> |
| Unit Letter<br><b>-K</b>                                                                                                  | Section<br><b>16</b>                        | Township<br><b>24 North</b> | Range<br><b>10 West</b>                   | County<br><b>San Juan</b>                 |                   |
| Actual Footage Location of Well:<br><b>1850</b> feet from the <b>South</b> line and <b>2300</b> feet from the <b>West</b> |                                             |                             |                                           |                                           |                   |
| Ground level Elev.<br><b>6816'</b>                                                                                        | Producing Formation<br><b>Gallup/Dakota</b> |                             | Pool<br><b>Undes. Gallup/Basin Dakota</b> | Dedicated Acreage:<br><b>40/320</b> Acres |                   |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

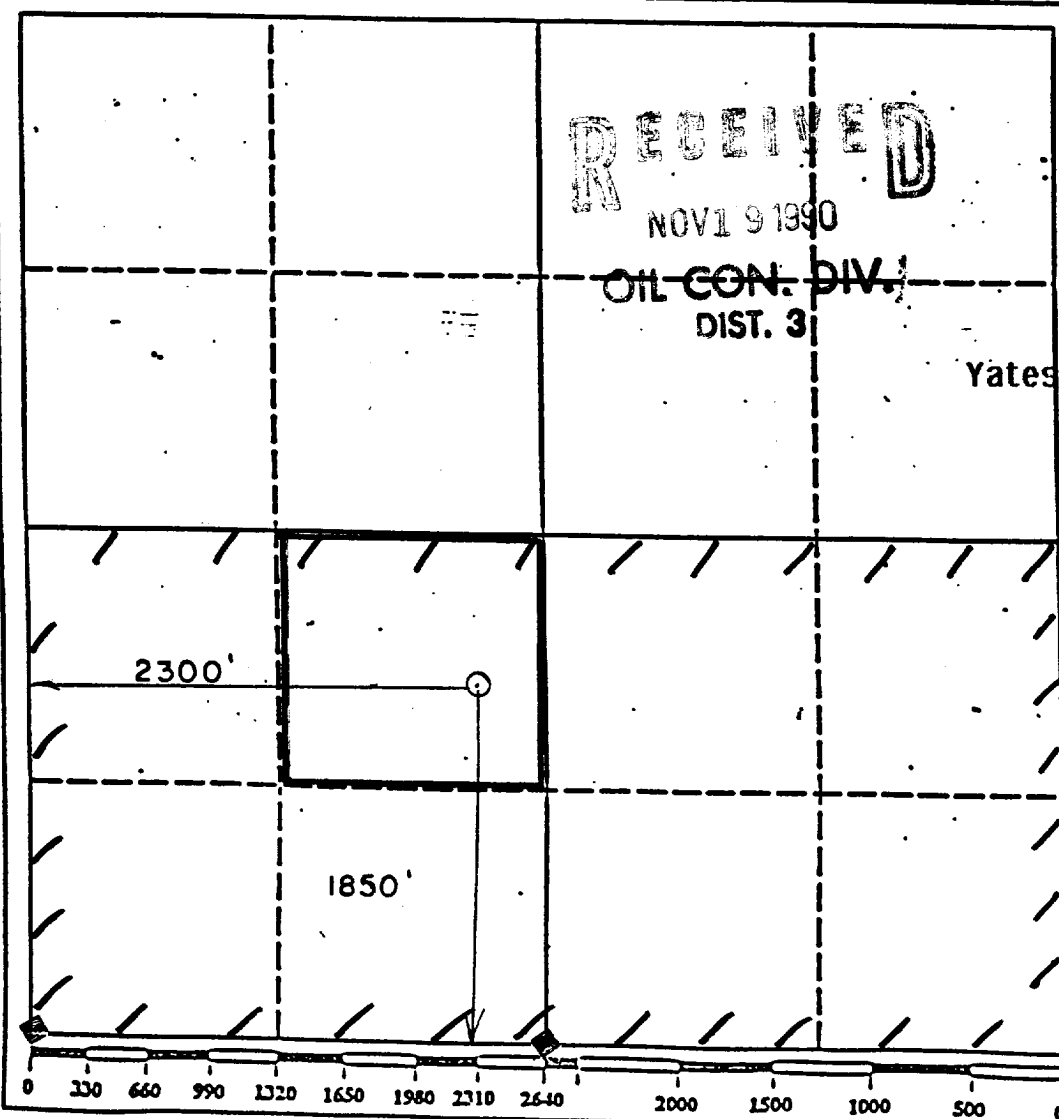
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, 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 communization, 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 *Brian Wood*

Printed Name **Brian Wood**

Position **Consultant**

Company **Yates Petroleum Corporation**

Date **November 16, 1990**

### SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me or under supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

*10 Nov 90*

Signature & Seal of Professional Surveyor

*Gerald D. Huddleston*  
**GERALD D. HUDDLESTON**  
**NEW MEXICO**  
**REGISTERED LAND SURVEYOR**  
Certificate No. **6844**