

CIST
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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

OIL CONSERVATION DIVISION

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088
JAN 04 1993

O. C. D.
ARTESIA

| |
|---|
| API NO. (assigned by OCD on New Wells) |
| 30-015-21755 |
| 5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No. |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|--|---|
| 1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | 7. Lease Name or Unit Agreement Name Moore FQ |
| b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER RECOMPLETION <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | 8. Well No. 1 |
| 2. Name of Operator YATES PETROLEUM CORPORATION | 9. Pool name or Wildcat Undes. Canyon/Wolfcamp |
| 3. Address of Operator 105 South 4th St., Artesia, NM 88210 | |
| 4. Well Location Unit Letter F : 1980 Feet From The North Line and 1980 Feet From The West Line Section 19 Township 20S Range 25E NMPM Eddy County | |

| | | | |
|--|---|------------------------------------|---|
| 10. Proposed Depth 9750' | 11. Formation Canyon/Wolfcamp | 12. Rotary or C.T. Pulling Unit | |
| 13. Elevations (Show whether DF, RT, GR, etc.) 3562' GR | 14. Kind & Status Plug. Bond Blanket | 15. Drilling Contractor - | 16. Approx. Date Work will start When approved |

| 17. PROPOSED CASING AND CEMENT PROGRAM | | | | | |
|--|----------------|-----------------|---------------|-------------------|----------|
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
| 17 1/2" | 13-3/8" | 54# | 201' | 150 sx (in place) | |
| 12 1/4" | 8-5/8" | 32# | 2200' | 850 sx (in place) | |
| 7-7/8" | 5-1/2" | 17# | 9737' | 450 sx (in place) | |

Propose to abandon Strawn perforations 8276-8760 1/2' and recompleat well in Canyon and/or Wolfcamp as follows:

1. MIRU WSU. Drop standing valve and test tubing to 3000 psi. Pull SV, NU BOP and TOOH w/ tubing. Pull RBP set at 8825'.
2. Set CIBP + 35' Class H cement at 9050' above Atoka and at 8250' above Strawn.
3. Perforate Canyon 7628-7667' w/11 holes. Acidize 7628-7667' w/2500g. 15% NEFE.
4. Swab/flow test Canyon. If Canyon is non-productive, set CIBP + 35' cement at 7600'.
5. If CIBP not set above Canyon, set RBP at 7300', test to 2000 psi, dump 2 sx sand on top and TOOH. Shoot 4 squeeze holes at 7000' and 5500'. RIH w/packer, set between squeeze holes and establish circulation. TOOH with packer.
6. RIH w/cement retainer, set at 6500', sting into retainer and establish injection rate. Cement w/250 sx Class H w/additives. WOC. Test casing to 1000 psi. TOOH.
7. Perforate Wolfcamp 6527-6446' w/14 holes. Acidize 6527-6446' w/2750g. 15% NEFE.
8. Swab/flow test Wolfcamp.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE 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 <i>Juanita Goodlett</i> | TITLE Production Supervisor | DATE 12-31-92 |
| TYPE OR PRINT NAME Juanita Goodlett | | TELEPHONE NO. 505/748-1471 |

(This space for State Use)

APPROVED BY *Mark Kelly* TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 2-6-93
UNLESS DRILLING UNDERWAY

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District Office
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Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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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 YATES PETROLEUM CORPORATION | | | Lease MOORE FQ | | Well No. 1 |
| Unit Letter F | Section 19 | Township 20S | Range 25E | NMPM | County Eddy |
| Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line | | | | | |
| Ground level Elev. 3562' | Producing Formation Canyon/Wolfcamp | | Pool Undesignated | | Dedicated Acreage: 320 Acres |

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

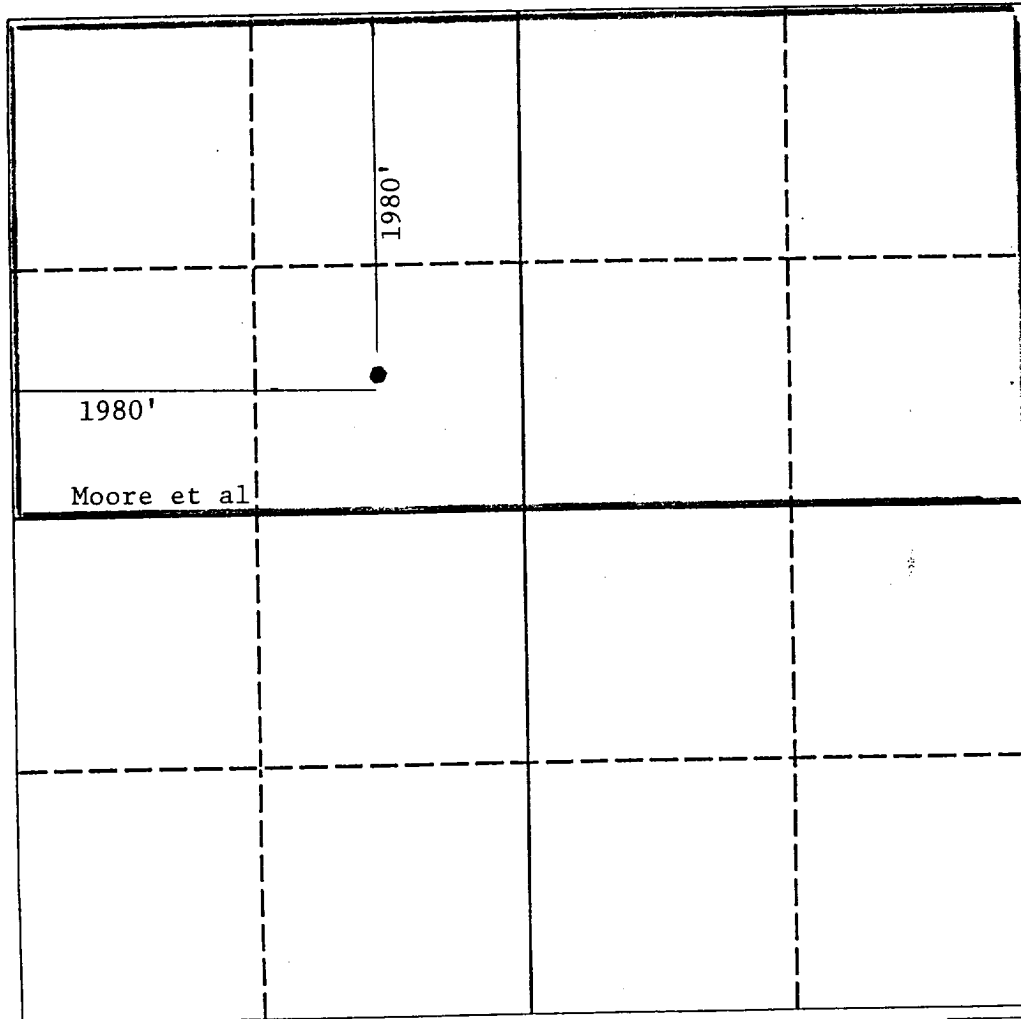
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization

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

Printed Name

JUANITA GOODLETT

Position

PRODUCTION SUPERVISOR

Company

YATES PETROLEUM CORPORATION

Date

12-31-92

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

REFER TO ORIGINAL PLAT

Signature & Seal of dated 2-7-76
Professional Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0