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RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION

NOV 30 1977

O.C.C.
ARTESIA. OFFICE

Form C-101
Revised 1-1-65

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| 5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. B-11595 |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|---|--|--|
| 1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name |
| b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Reenter <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 8. Farm or Lease Name Artesia Metex Unit |
| 2. Name of Operator Yates Drilling Company | | 9. Well No. 11 |
| 3. Address of Operator 207 So. 4th St., Artesia, NM 88210 | | 10. Field and Pool, or Wildcat Artesia |
| 4. Location of Well UNIT LETTER L LOCATED 1650 FEET FROM THE South LINE AND 990 FEET FROM THE West LINE OF SEC. 19 TWP. 18S RGE. 28E NMPM | | 12. County Eddy |
| 19. Proposed Depth C.O. to 2200' | | 19A. Formation Grayburg |
| 20. Rotary or C.T. C.T. | | 21. Elevations (Show whether DF, RT, etc.) 3571' DF |
| 21A. Kind & Status Plug. Bond Blanket | | 21B. Drilling Contractor Monroe |
| 22. Approx. Date Work will start as soon as approved | | |

23.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|---------------|----------------|-----------------|---------------|-----------------|----------|
| In hole - 10" | 8-5/8" | 24# | 446 | 50 | Surface |
| 7-7/8" | 5 1/2" | 15# | 2200 | 175 | 1000' |

Formerly John B. Castle + H. Bruce Wiggell Self State 19 #1- P+ A9-15-59

Well presently P&A. TD 2324'
Existing hole size 7-7/8 below 8-5/8" csg.
Existing plugs 2324-2230 (25 sks)
450-365 (25 sks)
surface (10 sks)

Propose to clean out to 2200', run 2200' 5 1/2" 15# csg; will run GR-Neutron log, perforate Metex zones and Loco Hills zones; breakdown w/acid, frac & put well on production.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES

3-1-78

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.

Signed Rayton Jones Title Engineer Date 11/30/77

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE DEC 1 1977

CONDITIONS OF APPROVAL, IF ANY: