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NEW MEXICO OIL CONSERVATION DIVISION **RECEIVED**

30-015-21412

Form C-101
Revised 1-4-65

OCT 9 1974

O. C. C.
ARTESIA, OFFICE

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Ferguson "DY" Com.
9. Well No. 1
10. Field and Pool, or Wildcat Atoka West
12. County Eddy
19. Proposed Depth Approx. 8600'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3408' GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Ard Drilling Co.
22. Approx. Date Work will start November 7, 1974

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation
3. Address of Operator 207 South 4th Street-Artesia, NM 88210
4. Location of Well UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 7 TWP. 18S RGF. 26E NMPM
21. Elevations (Show whether DF, RT, etc.) 3408' GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Ard Drilling Co.
22. Approx. Date Work will start November 7, 1974

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"	48#	Approx 400'	Circulate	Surface
12 1/4"	8-5/8"	24#	" 1300'	Circulate	Surface
7-7/8"	5 1/2" or 4 1/2"	15.5-17.0# or 10.5-11.6#	" 8600'	250 sacks	

Propose to drill and test the Morrow and intermediate formations. Approx. 400' of surface casing will be set to shut off gravel and caving, and intermediate casing will be set 100' below the Artesian Water Zone. If commercial pay is encountered, 5 1/2" or 4 1/2" casing will be run and cemented as may be expedient.

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED, FRESH

Mud Program: Surface-1300': FW gel & LCM; Casing Point-4900' Water: 4900' = TD.

BOP Program: BOP's to be installed on 8-5/8" casing, pipe rams tested daily. Blind rams on trips.

Spacing - North Half Section - Non-Standard spacing permit applied for.

R-4902 approved NSL

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 Eddie H. Qualpus Title Engineer Date 10-8-74

(This space for State Use)

APPROVED BY W. A. Gressitt TITLE OIL AND GAS INSPECTOR DATE NOV 11 1974

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" - 8 5/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 5/8" casing