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NEW MEXICO OIL CONSERVATION COMMISSION

MAY 14 1980

O. C. D.
ARTESIA, OFFICE

30-015-23321
Form C-101
Revised 1-4-65

5A. Indicate Type of Lease:
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
L2764

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Irish Hills KW State	
2. Name of Operator Yates Petroleum Corporation ✓		9. Well No. 2	
3. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Und. Penasco Draw Morrow	
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 2 TWP. 19S RGE. 24E N.M.P.M.		11. County Eddy	
12. Proposed Depth 9210'		13. Formation Morrow	
21. Elevation (Show whether DT, RL, etc.) 3708.7		22. Approx. Date Work will start As soon as approved	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Landis Drilling Co.?	
23. PROPOSED CASING AND CEMENT PROGRAM		23. Rotary	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13 3/8"	48#	approx. 400	400 sx	circulate
12¾"	8 5/8"	24#	approx. 950	570 sx	circulate
7 7/8"	5½" or 4½"	15.5 - 17# 10.5 - 11.6#	approx. 9210	400 sx	

We propose to drill and test the Morrow and intermediate horizons. Will set approximately 400' surface casing to shut off gravel and caving, and will set intermediate casing at least 100' below the Artesian water zone, both strings to be circulated. If commercial will run 5½" or 4½" and cement with at least 600 ft. of cover.

MUD PROGRAM: FW gel & LCM to 950', water to 5100', starch-driscopak-KCL to 8300' flosal-driscopak-KCL to TD

BOP PROGRAM: BOP's and hydril on 8 5/8" casing and tested, pipe rams tested daily, blind rams on trips; Yellow Jacket, pit level control and flow sensor on at 5200'.

GAS NOT DEDICATED.

EXPIRES 8-15-80

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 John A. Lopez Title Regulatory Coordinator Date May 13, 1980

(This space for State Use)

APPROVED BY N.A. Gussott TITLE SUPERVISOR, DISTRICT II

MAY 15 1980

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