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NEW MEXICO OIL CONSERVATION COMMISSION

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JUN 24 1980  
O. C. D.  
ARTESIA OFFICE

30-005-60733

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. NM - IG - 252

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Rattlesnake NZ State
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1
3. Address of Operator 207 South 4th Street, Artesia, NM 88210		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 7 TWP. 5S RGE. 25E NMPM		12. County Chaves
19. Proposed Depth 4300'		19A. Formation Abo
20. Rotary or C.T. Rotary		21. Approx. Date Work will start As soon as approved
21. Elevations (Show whether DF, RT, etc.) 3879 GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor LaRue

23. 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# J-55	Approx. 400'	400 sx	circulate
12 1/2"	8 5/8"	24# J-55	Approx. 1400'	800 sx	circulate
8 3/4 or 7 7/8"	5 1/2 or 4 1/2	15.5 or 10.5#	TD 4300'	300 sx	

We propose to drill and test the ABO and intermediate formations. Approx. 400' of surface casing will be set and cement circulated to shut off gravel and caving. Casing will be set 100' below the water zone. If commercial, 5 1/2 or 4 1/2 production casing will be run and cemented with an adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 1400', Brine KCL to 3250', KCL Drispak & Starch to TD. MW 10-10.2, Vis 34-39, WL 14-7.

BOP PROGRAM: BOP's will be installed on 8 5/8" casing and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 9-25-80

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 Lopez Title Regulatory Coordinator Date June 24, 1980

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JUN 25 1980

CONDITIONS OF APPROVAL, IF ANY: