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NEW MEXICO OIL CONSERVATION COMMISSION
JUL 23 1980
O. C. D.
ARTESIA, OFFICE

30-005-60754
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.	
LG - 5008	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		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 Nine Mile "OB" State	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Und. Buffalo Valley	
4. Location of Well UNIT LETTER F LOCATED 1650 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE OF SEC. 32 TWP. 14S RGE. 28E NMPM		12. County Chaves	
19. Proposed Depth 8850'		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 3523.6	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Capitan #14	
22. Approx. Date Work will start ASAP			

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	360'	275	circulate
12 1/4	8 5/8	24# J-55	1700'	750	APPROXIMATE
7 7/8	5 1/2	15.5# - 17# K-55	TD 8850'	450	FOR 90 DAYS UNLESS DRILLING COMMENCED,

We propose to drill and test the Morrow and intermediate horizons. Approximately 360' of surface casing will be run and cement circulated to shut off gravel and caving. Intermediate casing will be set into the San Andres, and cemented to the surface. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing and cement with 600' of cover, perforate and stimulate as needed.

MUD PROGRAM: FW gel & LCM to 1700', fresh water to 5100', KCL water to 6900', starch-driskak KCL to 7800', flosal-driskak-KCL mud to TD; MW 8.9-9.0, Vis 34-39 WL 10-7.

BOP PROGRAM: BOP's and hydril on the 8 5/8" casing and tested, pipe rams daily, blind rams on trips, Yellow Jacket prior to drilling Wolfcamp.

GAS NOT DEDICATED.

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 July 22, 1980

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR

CONDITIONS OF APPROVAL, IF ANY:

JUL 25 1980