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NEW MEXICO OIL CONSERVATION COMMISSION

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NOV 13 1978

O. C. C.

ARTESIA, OFFICE

30-015-22735

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

OG 181

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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator Yates Petroleum Corporation		Lucas Store JZ State	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		9. Well No. 1	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 860 FEET FROM THE West LINE OF SEC. 23 TWP. 17S RGE. 28E NMPM		10. Field and Pool, or Wildcat Wildcat	
		12. County Eddy	
		18. Proposed Depth 10900' Approx	
		19A. Formation Morrow	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DE, RT, etc.) 3693' GR		21A. Kind & Status Plug. Bond Blanket	
		21B. Drilling Contractor Capitan Drilling Co.	
		22. Approx. Date Work will start Nov. 15, 1978	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	Approx 450'	300 sx	Circulate
12¼"-11"	8-5/8"	24# J-55	" 2260'	1000 sx	Circulate
7-7/8"	5½" or 4½"	17# N-80	" 10900'	300 sx	
		11.6# N-80			

Propose to drill and test the Morrow and intermediate horizons. Surface casing will be set thru salt beds at about 450' and cemented to the surface. Intermediate casing will be run below the Grayburg and cemented to the surface casing. If commercial pay is encountered, will run 5½" or 4½" casing and cement with at least 600 feet of cover.

Mud Program: F.W. Gel and LCM to 2260', water to 7300'. KCL-Starch-Drispak to 10100', Flosal-Drispak-KCL mud (MW 9.3) to TD.

BOP Program: BOP's will be installed on the 8-5/8" casing and tested, pipe rams daily and blind rams on trips. Will Yellow Jacket at about 7000' and install pit level and flow sensors.

Gas acreage not dedicated

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

EXPIRES 2-14-79

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 L. Kutz Title _____ Date _____

(This space for State Use)

APPROVED BY W.A. Grasset TITLE SUPERVISOR, DISTRICT II DATE NOV 14 1978

CONDITIONS OF APPROVAL, IF ANY: