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NEW MEXICO OIL CONSERVATION **RECEIVED** DIVISION

APR 14 1980

O. C. D.

ARTESIA, OFFICE

30-005-60700

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. LG-4353	

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 Hilltop NQ 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 Wildcat
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE north LINE AND 1980 FEET FROM THE West LINE OF SEC. 7 TWP. 7S RGE. 25E NMPM		12. County Chaves
19. Proposed Depth approx. 5250		19A. Formation Penn
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 4039.5	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor LaRue Drilling
22. Approx. Date Work will start ASAP		

23.

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'	330	circulate
12½"	8 5/8"	24#	approx. 1650'	950	circulate
7 7/8"	4½ or 5½"	10.5-11.6# or 14-15.5#	5250		

We propose to drill and test the <sup>Penn.</sup> Wolfcamp and intermediate formations. Approximately 450' of surface casing will be set and cement circulated to shut off cavings. If commercial, 5½ or 4½" production casing will be run and cemented with adequate cover, perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 1650', FW to 3700', salt gel, flosal-driskpak KCL to TD

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 7-17-80

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 Glenn R. Lindsey Title Geographer Date 4/10/80  
(This space for State Use)

SUPERVISOR, DISTRICT II

APR 17 1980

APPROVED BY W. A. Gussett TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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

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