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NEW MEXICO OIL CONSERVATION COMMISSION

MAR 06 1981

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 1-1-65

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

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Menefee NT Com
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1
3. Address of Operator 207 S. 4th Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Und. Eagle Creek Morro
4. Location of Well UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE OF SEC. 30 TWP. 17S RGE. 26E NMPM		12. County Eddy
19. Proposed Depth 8580'		19A. Formation Morrow
20. Rotary or C.T. Rotary		
21. Elevations (Show whether DF, RT, etc.) 3408.8 GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Moranco 9
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# H-40	Approx. 360'	340	circulate
12 1/4"	8 5/8"	24# K-55	Approx. 1300'	750	circulate
7 7/8"	4 1/2 or 5 1/2"	10.5 or 17# K-55	TD	250	

We propose to drill a well to test the Morrow and intermediate formations. Will set approximately 360' of surface casing to shut off gravel and caving. Intermediate casing will be set 100' below the Artesia Water Zone. Both strings to be circulated. If commercial, will run 4 1/2" or 5 1/2" production casing and cement with at least 600' of cover.

MUD PROGRAM: FW gel and LCM to 1300', water to 6200 (add KCL 2-4% @ 4200', starch-driskpak KCL to 7500'), flosal-driskpak-KCL to TD.

BOP PROGRAM: BOP and hydril on 8 5/8" casing and tested, pipe rams tested daily, blind rams on trips, Yellow Jacket, pit level control and sensor on @ 4150'

GAS NOT DEDICATED.

APPROVAL VALID 180 DAYS
PERMIT EXPIRES 9-10-81
UNLESS DRILLING UNDERWAY

THIS NON-STANDARD LOCATION

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 [Signature] Title Geophysicist Date 3-6-81

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAR 10 1981

CONDITIONS OF APPROVAL, IF ANY:

Cement to be placed to surface behind 13 3/8" & 8 5/8" casing

Notify [Signature] of completion time to all interested parties the 8 5/8" casing