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NEW MEXICO OIL CONSERVATION COMMISSION

AUG 12 1977

O. C. C.
ARTESIA, OFFICE

30-015-22249

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. K 6653
7. Unit Agreement Name
8. Form or Lease Name Millman "HD" State
9. Well No. 2
10. Field and Pool, or Wildcat X Undesignated
12. County Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. Name of Operator Yates Petroleum Corporation ✓			
3. Address of Operator 207 South Fourth Street, Artesia, NM 88210			
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 17 TWP. 19S RGE. 28E NMDM			
21. Elevations (Show whether DT, RT, etc.) 3525' GR		21A. Kind & Status Plug Head Blanket	
19. Proposed Depth Approx. 11,200'		19A. Formation Morrow	
21B. Drilling Contractor Moran Drilling Co. #2		20. Rotary or C.T. Rotary	
22. Approx. Date Work will start 8-16-77			

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"	61#	Approx. 400'	300	circulate
12½ - 11"	8-5/8"	24#	Approx. 2500'	900	circulate
7-7/8"	5½" or 4½"	15.5 - 17# or 10.5 - 11.6#	TD	To be determined	

Propose to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cemented to surface. Approximately 2500' of intermediate casing will be set and cemented to surface. If commercial, will run 5½" or 4½" casing and cement w/600' of cement cover.

Mud Program: FW, gel & LCM to 2500', water to 8200', brine to 10,500' and Flosal-Drispak-Brine mud to total depth.

BOP Program: BOP's & Hydril on 8-5/8" casing, tested daily. Will Yellow Jacket prior to drilling Wolfcamp.

Gas acreage not dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-15-77

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 PREVENTION PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Eddie Mahood Title Engineer Date 8-12-77
(This space for State Use)

APPROVED BY W. A. Gresser TITLE SUPERVISOR, DISTRICT II DATE AUG 15 1977
CONDITIONS OF APPROVAL, IF ANY: