

50-UN-24271

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name

Humble City ADH

9. Well No.

1

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
207 South Fourth Street - Artesia, NM 88210

10. Field and Pool, or Wildcat

Humble City Atoka

4. Location of Well
UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE
AND 1980 FEET FROM THE East LINE OF SEC. 11 TWP. 17S RGE. 37E NMPM

12. County

Lea

19. Proposed Depth 11800'	19A. Formation Atoka	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3741.1' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undesignated
		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
17-1/2"	13-3/8"	48# H-40	Approx. 450'	400 sacks	Circulate
12-1/4"	8-5/8"	32# K-55 & S-80	" 4300'	1500 sacks	400'
7-7/8"	5-1/2"	17# N-80 & S-95	TD	450 sacks	9200'

We propose to drill a 11800' well and test the Atoka and intermediate formations. Approx. 450' of surface casing will be set and cement circulated to shut off gravel and cavings. Approximately 4300' of intermediate casing will be set and cement circulated back to about 400'. If productive, 5-1/2" casing will be run and cemented back to approximately 9200', perforated and stimulated as needed for production.

MUD PROGRAM: FW gel to 450', native mud to 4300', water & paper to 10700', starch/driskak/KCL to TD

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

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 Cy Cowan Title Regulatory Agent Date December 10, 1985

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT SUPERVISOR

APPROVED BY _____ TITLE _____ DATE DEC 12 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

RECEIVED
DEC 11 1985
O.C.D.
HOBBS OFFICE