

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-025 30215
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 ☐

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South Fourth Street - Artesia, NM 88210

4. Location of Well

UNIT LETTER N LOCATED 990 FEET FROM THE South LINE

AND 2500

FEET FROM THE West LINE OF SEC. 23 TWP. 16S RGE. 37E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Kathleen AFE

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County

Lea

19. Proposed Depth

13200'

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DF, RT, etc.)

3771.5' 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"	54.5# J-55	Approx. 450'	400 sacks	Circulate
11"	8-5/8"	32# J-55	4300'	1900 sacks	Circulate
7-7/8"	5-1/2"	17# S-95 & N-80	TD	860 sacks	

We propose to drill a 13200' well and test the Morrow and intermediate formations. Approximately 450' of surface casing will be set and cement circulated. Approximately 4300' of intermediate casing will be set and cement circulated back to about 400'. Production casing will be set and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 450', FW gel and native mud to 2150', brine & native mud and 4-5% oil to 4300', water and paper to 10000', cut brine to 10600', cut brine and polymer mud to TD

BOP PROGRAM: BOP's will be installed before drilling out the 8-5/8" casing

NOTE: 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 Clifton R. May Title Regulatory Agent Date January 28, 1988

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

APPROVED BY _____ TITLE _____ DATE JAN 29 1988

CONDITIONS OF APPROVAL, IF ANY:

Approved for drilling only.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Production subject to approval of non-standard location.

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JAN 29 1988
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