

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-12528070

Form C-101
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILL	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

LG-5986

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

c. Name of Operator

Yates Petroleum Corporation

d. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

e. Location of Well

UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE

ND 660 FEET FROM THE West LINE OF SEC. 4 TWP. 15S RGE. 33E NEADM

7. Unit Agreement Name

8. Farm or Lease Name

Falcon "WI" State

9. Well No.

1

10. Field and Pool, or Wildcat

Saunders Permo-Penn

12. County

Lea

19. Proposed Depth

10,300'

19A. Formation

Permo-Penn

20. Rotary or C.T.

Rotary

1. Elevations (show whether D.F., K.I., etc.)

4208.4' GL

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Ard #6

22. Approx. Date Work will start

ASAP

3.

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# J-55	450'	400 sx	circulated
12 1/4"	8 5/8"	32# J-55	4200'	1300 sx	400'
7 7/8"	5 1/2"	17# N-80-L	TD	450 sx	9200'
		17# K-55-L			
		17# K-55-S			
		17# N-80-L			

We propose to drill and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated and approximately 4200' of intermediate casing will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel/LCM to 450', native mud 4200', Brine/paper to 7500', starch-driskpak to 8000', Brine/starch/driskpak/SW gel to TD.

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

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Regulatory Manager

Date 12/2/82

(This space for State Use)

ORIGINAL SIGNED BY

JERRY SEXTON

PROVED BY

DISTRICT 1 SUPR.

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

DEC 3 1982

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6/3/83
UNLESS DRILLING UNDERWAY