

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-025-28244

Form C-101
Revised 10-1-78

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

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-5603

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

Name of Operator
Yates Petroleum Corporation

Address of Operator
207 S. 4th, Artesia, New Mexico 88210

Location of Well
UNIT LETTER K LOCATED 2130 FEET FROM THE South LINE

NO. 1980 FEET FROM THE West LINE OF SEC. 4 TWP. 15S RGE. 33E

7. Unit Agreement Name

8. Farm or Lease Name
Hawk "XO" State

9. Well No.
1

10. Field and Pool, or Wildcat
Saunders Permo-Penn

12. County
Lea

1. Elevations (show whether DF, RT, etc.) 4205.5GL	21A. Kind & Status Plug. Bond Blanket	19. Proposed Depth 10,300'	19A. Formation Permo-Penn	20. History or C.F. Rotary
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# J-55	450'	400 sx	circulate
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 Jerry Sexton Title Regulatory Agent Date 6/15/83

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

PROVED BY _____ TITLE _____ DATE JUN 16 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/17/83
UNLESS DRILLING UNDERWAY