

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088  
Santa Fe, New Mexico 87508

API NO. (assigned by OCD on New Wells)

30-015-27140

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Thistle "AKT"

2. Name of Operator

Yates Petroleum Corporation

8. Well No.

1

3. Address of Operator

105 South Fourth Street, Artesia, New Mexico 88210

9. Pool name or Wildcat

Richard Knob - Atoka Morrow

4. Well Location

Unit Letter L : 1980 Feet From The South Line and 660 Feet From The West Line

Section 10 Township 18 South Range 25 East NMPM Eddy County

10. Proposed Depth  
8800'

11. Formation  
Morrow

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3526' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Not Designated

16. Approx. Date Work will start

ASAP

17.

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#	500'	450 sacks	Circulated
12 1/4"	8 5/8"	36#	1300'	650 sacks	Circulated
7 7/8"	5 1/2"	15.5 & 17#	TD	700 sacks	

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 500' of surface casing will be set and cement circulated to shut off gravel and cavings. Intermediate casing will be set at approximately 1300' (100' below the base of the Artesian water zone) and cement circulated. Production casing will be set to TD and cemented with adequate cover.

MUD PROGRAM: Spud mud to 500'; FW to 1300; cut Brine to 8200; SW gel/Starch/Drispak to TD.

BOP PROGRAM: BOP will be installed on the 9 5/8" casing, tested daily, yellow jacket prior to drilling Wolfcamp.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 3/29/93

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.

SIGNATURE

Ken Beardemphl

TITLE

Landman

DATE

9-25-92

TYPE OR PRINT NAME

Ken Beardemphl

TELEPHONE NO. 748-1471

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT II

APPROVED BY

TITLE

DATE

SEP 29 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT  
TIME TO WITNESS CEMENTING THE  
8 5/8" CASING