

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

State of New Mexico
Geology, 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 87504-2088

AUG 17 1992

API NO. (assigned by OCD on New Wells)

30-015-27172

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

L-2764

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

Irish Hills KW State

2. Name of Operator

Yates Petroleum Corporation

8. Well No.

3

3. Address of Operator

105 South Fourth Street, Artesia, New Mexico 88210

9. Pool name or Wildcat

Undes. Penasco Draw Morrow

4. Well Location

Unit Letter A : 660 Feet From The North Line and 660 Feet From The East Line

Section 2 Township 19 South Range 24 East NMPM Eddy County

10. Proposed Depth
9200'

11. Formation
Morrow

12. Rotary or C.T.
Rotary

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

3703' GR

14. Kind & Status Plug. Bond

Glanket

15. Drilling Contractor

Not Determined

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#	Apprx. 400'	400 sacks	Circulated
12 1/4"	8 5/8"	24#	Apprx. 950'	570 sacks	Circulated
7 7/8"	5 1/2"	15.5 & 17#	TD	400 sacks	

Yates Petroleum Corporation proposes to drill and test the Morrow and intermediate formations. Approximately 400' of surface casing will be set and cement circulated to shut off gravel and cavings. Intermediate casing to atleast 100' below Artesia water zone and circulated. If commercial, production casing will be ran and cemented, will perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 950'; water to 5100'; starch-driskpak - KCL to 8300'; flosal-driskpak-KCL to TD.

BOP PROGRAM: BOP's and hydril will be installed on the 8 5/8" casing and tested daily.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4-27-93
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON EXISTENT 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 8-13-92

TYPE OR PRINT NAME Ken Beardemphl TELEPHONE NO. 7481471

(This space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II TITLE _____ DATE OCT 27 1992

CONDITIONS OF APPROVAL, IF ANY:

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

R-9740
9-17-92
NSH +