

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

API NO. (assigned by OCD on New Wells)
30-015-23801

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 ☐ RECOMPLETION ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

YATES PETROLEUM CORPORATION (505) 748-1471

3. Address of Operator

105 South 4th St., Artesia, NM 88210

7. Lease Name or Unit Agreement Name

Rio Penasco KD Com

8. Well No.

3

9. Pool name or Wildcat

Undes. Canyon

4. Well Location
Unit Letter

A : 990 Feet From The North Line and 660 Feet From The East Line

Section 11 Township 19S Range 25E NMPM Eddy County

10. Proposed Depth
9360'

11. Formation
Canyon

12. Rotary or C.T.
Pulling Unit

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

3416' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

-

16. Approx. Date Work will start

When approved

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"	54.5#	412'	400 sx (in place)	
12 1/2"	8-5/8"	24#	1316'	750 sx (in place)	
7-7/8"	5 1/2"	17 & 15.5#	9360'	575 sx (in place)	

Well completed in Strawn perforations 8230-8246'. Propose to recomplate well as follows:
Set CIBP about 8200' and cap w/35' cement. Perforate Canyon Dolomite 7662-99' (5 holes);
7780-99' (6 holes); 7804-12' (4 holes). Stimulate with 6000 gals 20% NEFE acid in 3 stages.
Swab back and evaluate recovery. If commercial recovery indicated, will consider installing
sub-pump or rods and pump. If perforations 7662-7812' are all water or non-commercial, POOH
and set CIBP about 7645', perforate Canyon Lime 7600-25' (12 holes). Will stimulate
perforations 7600-25' w/2000 gals 15% NEFE.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-13-90
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 Mike Williams TITLE Production Supervisor DATE 12-12-89

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

SUPERVISOR, DISTRICT II

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEC 13 1989