

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

NOV 14 '89

API NO. (assigned by OCD on New Wells)

30-015-2348900

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Cochell Com

8. Well No.

1

9. Pool name or Wildcat

N. Loving, Morrow

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 ☐

2. Name of Operator

Quinoco Petroleum, Inc.

3. Address of Operator

P.O. Box 378111, Denver, Colorado 80237

4. Well Location

Unit Letter

I

: 1980 Feet From The

South

Line and

990

Feet From The

East

Line

Section

30

Township

23S

Range

28E

NMPM

Eddy

County

10. Proposed Depth  
+ 12,150'

11. Formation  
Atoka

12. Rotary or C.T.

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

3,119' KB 311' GL

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start

11/15/89

17. EXISTING

~~PROPOSED~~/CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16"	65#	454'	850	Surf
14-3/4"	10-3/4"	40.5#	7400'	1800	
9-7/8"	7-5/8"	29.7# & 33.7#	9680'	750	

Quinoco Petroleum proposes to abandon the Upper Morrow zone (perfs @ 12,309-18', 12,424-27' & 12,490-94') and recompleate the Cochell Com 1 to the Atoka formation as follows:

1. MIRU pulling unit. Kill well if necessary with 10#/gal brine water. ND wellhead, NU BOP's.
2. POOH w/2-3/8" tubing and seal assembly.
3. RU wireline and set an 5" CIBP @  $\pm$  12,150' and dump 50' of cmt on top of plug.
4. Perf squeeze holes 11,509' KB.

Please see reverse side.

APPROVAL ON FILE 180 DAYS  
PERMIT EXPIRES 6-7-90  
UNLESS DULY RENEWED

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 Nelly S. Richardson TITLE Production Technician DATE 11/7/89

TELEPHONE NO.

TYPE OR PRINT NAME

(This space for State Use)

ORIGINAL SIGNED BY  
MIKE WILLIAMS  
SUPERVISOR, DISTRICT I

TITLE

DATE

DEC - 7 1989

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

5. TIH w/pkr and set @  $\pm 11,400'$ .
6. Squeeze w/75 sx class HW/retarder for 3 to 4 hrs pump time, WOC.
7. TOOH, PU bit & scaper, drill out cmt.
8. Press test to 1000#.
9. Circ hole clean with a clean packer fluid prior to RIH w/tbg conveyed guns. On 2-3/8" tubing run tubing conveyed guns spaced out w/a Guiberson Uni-packer VI into hole and set the packer at  $\pm 10,500'$ . Hydrotest tbg while running in hole. ND BOP's and NU wellhead.
10. Swab hole down to  $\pm 8,000'$ . Drop bar and perforate Atoka from 11,524' to 11,530' with 2 jspf large diameter 0.50" holes. (12 shots total).
11. Flow test and evaluate well.

Evaluate for additional stimulation with recommendations to follow.