Submit to Appiopriate
District Office
State Lease – 6 copies
Fee Lease – 5 copies

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

RECEIVED
OCT 13 '89
ARTESIA, OFFICE

Form C-101
Revised 1-1-89

c151 Dp

API NO. (assigned by OCD on New Wells)
30-015-2335100

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
LAKEY COM

2. Name of Operator
Quinoco Petroleum, Inc.

8. Well No.
1

3. Address of Operator
P. O. Box 378111, Denver, Colorado 80237

9. Pool name or Wildcat
North Loving (Bone Springs)

4. Well Location
Unit Letter L : 2280 Feet From The South Line and 660 Feet From The West Line

Section 20 Township 23S Range 28E NMPM Eddy County

10. Proposed Depth	11. Formation	12. Rotary or C.T.
+ 6420		

13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
3076' RKB			10/10/89

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#	450'	750	Surf
14-3/4"	10-3/4"	40.5#	2415'	2175	
9-7/8"	7-5/8"	29.7#	9615'	1610	

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5-1-90
UNLESS DRILLING UNDERWAY

Quinoco Petroleum, Inc. proposes to abandon the Atoka and Upper Morrow zones and recomplete to the bone Springs formation as follows:

1. MIRU pulling unit. Kill well with 10#/gal brine if necessary, ND tree, NU BOP's.
2. POOH w/2-3/8" tubing and packer.
3. RU wireline and set 5" CIBP @ ±12,000 ft. Dump 50' cement on top of bridge plug. RU and run CBL-GR log from 8,000/ft to ± 5,000 ft. Correlate to Welex Acoustic Velocity Neutron Log. Squeeze if necessary.
4. Perforate Bone Springs @ 6405-6415 and 6356-6370 ft w/4" HSC guns with 2 shots per foot for a total of 48 - 0.50" holes.
5. TIH w/ 2-3/8" tubing, seating nipple and packer. Spot acid across perforations and pull packer above perforations and set at ±6,300 ft.

(continues on the back side)

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 Holly S. Richardson TITLE Production Technician DATE 10/6/89

TYPE OR PRINT NAME Holly S. Richardson (303) TELEPHONE NO. 850-6322

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT II TITLE DATE OCT 30 1989

CONDITIONS OF APPROVAL, IF ANY: Need to isolate Atoka + Morrow Perfs

6. Acidize w/ 3,000 gallon 7 1/2% NEFE acid with additives.
   Drop ball sealers in acid.

7. Swab and flow test.

8. Frac if necessary per recommendations to follow w/ 50,000 gal of versagel HT 1400 & 94,000 # 20/40 sand down casing at 40 BPM.

9. Swab and flow test well. If well will not flow - POOH w/ tubing and Packer.
   TIH w 2-3/8" tubing and set @ ±6500 ft.

10. If well is commercial and will not flow, run bottom hole pump and rods.
    Set pumping unit.