Submit to Appropriate
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
APR 26 '90
ARTESIA, OFFICE

Form C-101
Revised 1-1-89

c15F
Dp

API NO. (assigned by OCD on New Wells) 30-015-24922

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: Craft 25 Com

2. Name of Operator: Quinoco Petroleum, Inc.

8. Well No. 1

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

9. Pool name or Wildcat: Salt Draw Strawn or Salt Draw Bone Springs

4. Well Location
Unit Letter B : 660 Feet From The North Line and 2310 Feet From The East Line

Section 25 Township 24S Range 28E NMPM Eddy County

10. Proposed Depth	11. Formation	12. Rotary or C.T.
± 11,870' or ± 9,613'	Strawn or Bone Springs	-

13. Elevations (Show whether DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx. Date Work will start
2,917' GL	-	-	6/15/90

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#	553'	535 sxs	Surf
12 - 1/4"	9 - 5/8"	36#	2,527'	1,275 sxs	Surf
8 - 1/2"	7"	23#	11,448'	950 sxs	-
6 - 1/8"	4 - 1/2" Liner	13.5#	12,116'	200 sxs	TOL:11,081'

Quinoco Petroleum, Inc. proposes to plugback the Craft 25 Com #1 from the Atoka formation (perfs @ 11,951-78', 12,032-37', 12,003-21') to the Strawn formation or the Bone Springs formation (if Strawn is non-commercial) as follows:

1. MIRU completion unit. Kill well with 10 ppg brine if necessary. ND tree. NU BOP's. TOH w/2-3/8" tbg and seal assembly.

2. RIH with wireline and set CIBP @ 11,920'. Dump 50' of cement on top of bridge plug. Circulate hole clean. RU wireline and run CBL-GR logs from 11,870' to 8,500'. Squeeze zones to be perforated if necessary.

(continue on other 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 Sr. Ops. Eng. Tech. DATE 4/20/90

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

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE APR 30 1990

CONDITIONS OF APPROVAL, IF ANY:

3. RIH with 4" Vann Gun Assembly; guns, F.H., 4' 2-3/8" 8rd. handling sub, 3 JT's 2-3/8" 8rd., 2-3/8" MTR with 1.81 latch, 2-3/8" bar pressure vent, 1 JT 2-3/8", Guiberson UNI VI packer with XL on-off tool with F nipple. Load 2,000' of tubing with 10 pounds per gallon brine to create 4,200 pounds underbalance. Continue GIH with tubing string. RU Schlumberger, RIH with GR-CCL tool, log from T.D. to 11,300'. Place gun assembly on depth. Set packer with 9 points compression. RD BOPs, RU wellhead, stake flow lines.

4. Release drop tube to open bar pressure vent to test.

5. Drop etonating bar to perforate Strawn at 11,775' to 11,784' 4 SPF with 32 gram deep penetrating charges. Flow well to pit to clean up.

6. RD and release equipment. Flow well for 24-48 hours to cleanup.

7. RU swab unit. RU SU. Pump 2500 gal 20% NEFe HCl w/60-1.3 sp. gr. balls. Drop 5 balls between each 180 gal stage of acid. Flush w/ 50 bbl 2% KCl wtr.

8. Flow well to frac tank.

9. If non-commercial Strawn production, kill well and RU completion unit. ND tree. NU BOP's.

10. Unset Guiberson UNI Packer VI and POOH w/ 2-3/8" tbg.

11. RU wireline and set CIBP @ 100' cmt plug @ 11,276 - 11,376' (Penn.). Circulate hole clean. Set CIBP @ 100' cmt plug @ 9,513 - 9,613' (Wolfcamp)

12. Correlate CBL-GR logs run with open hole logs. Squeeze zones to be perforated at 8,707 - 14' and 8,768 - 80' if necessary.

13. Perforate the Bone Springs @ 8,707 - 14 and 8,768 - 80' (19 ft) w/ 4" HCS guns with 2 shots per foot for a total of 39-0.50" holes.

14. TIH w/ 2-3/8" tubing, seating nipple and 7" packer. Spot acid across perforations and pull packer above perforations and set at +/- 8710'.

15. Acidize w/ 1500 gal 7-1/2% NEFE acid down tubing at 3-5 BPM dropping 80 RCN ballsealers for diversion. Frac with 40,000 gallons of Versagel 1400 carrying 59,000 lbs of 20/40 Brady Sand.

16. Evaluate and flow well.

17. RDSU