

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

dsf
up

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

MAR 16 '90

API NO. (assigned by OCD on New Wells)	30-015-25806
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	LG-5998
7. Lease Name or Unit Agreement Name	Queen Lake '36 State Com
8. Well No.	1
9. Pool name or Wildcat	Culebra Bluff Bone Springs
10. Proposed Depth	+ 8,838'
11. Formation	Bone Springs
12. Rotary or C.T.	
13. Elevations (Show whether DF, RT, GR, etc.)	2925' GR
14. Kind & Status Plug. Bond	
15. Drilling Contractor	
16. Approx. Date Work will start	4/10/90

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:	DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>
b. Type of Well:	OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. Name of Operator	Quinoco Petroleum, Inc. ✓
3. Address of Operator	P. O. Box 378111, Denver, CO 80237
4. Well Location	Unit Letter I : 1980 Feet From The South Line and 660 Feet From The East Line
Section	36
Township	24S
Range	28E
NMPM	Eddy
County	

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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#	568'	600 sx	Surf.
12 - 1/4"	9 - 5/8"	36#	2,680'	1,475 sx	Surf.
8 - 3/4"	7"	23#	10,538'	700 sx	6000'

Quinoco Petroleum, Inc. proposes to plug back the Queen Lake 36 State Com #1 from the Atoka formation (perf's @ 11,930-934') to the Bone Springs formation as follows:

1. MIRU completion unit. Kill well with 10 ppg brine if necessary. ND tree. NU BOP's.
2. POOH w/2-7/8" tubing set in Linsey Model "TSA" Tubing Seal Assembly.
3. RU wireline and set CIBP @ 11870'. Dump 50' of cement on top of bridge plug. Circulate hole clean. R.U. wireline and run CBL-GR logs from 11820' - 2600'. Squeeze zone to be perforated at 8802-8805' and 8808-8838 if necessary.
4. Perforate 2nd Bone Springs @ 8802-8805' and 8808-8838' (33 ft) w/4" HSC guns with 2 shots per foot for a total of 67-0.50" holes.

(PLEASE SEE BACK)

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 3/12/90
TYPE OR PRINT NAME Holly S. Richardson TELEPHONE NO. (303) 550-6322

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE MAR 21 1990

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
9/22/90
BUREAU OF OIL CONSERVATION

5. TIH w/2-7/8" tubing, seating nipple and 7" packer. Spot acid across perforations and pull packer above perforations and set @ \pm 7750'.
6. Acidize w/3000 gal 7-1/2% NEFE acid with additives. Drop ball sealers in acid.
7. Swab and flow test.
8. Frac if necessary with recommendation to follow.
9. RDSU. Evaluate & flow well.