

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒  
RECEIVED

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. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1750' FNL & 660' FWL

At proposed prod. zone

As above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

6 miles SE of Malaga

15. DISTANCE FROM PROPOSED\*

660'

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

PBTD 9800'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL.

40

20. ROTARY OR CABLE TOOL

-

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

2958.0' GR, 2979.5' KB

22. APPROX. DATE WORK WILL START\*

October 4, 1989

EXISTING ~~PROPOSED~~ CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	11-3/4"	42#	577'	1567 sx circ
10-5/8"	8-5/8"	24#	2758'	880 sx circ
7-7/8"	5-1/2"	17#	11268'	1050 sx
4-3/4"	3-1/2" liner	10.30#	12387'	168 sx TOL: 10924'

Quinoco Petroleum proposes to abandon the Wolfcamp zone and recomple to the 2nd Bone Springs as follows:

1. MIRU pulling unit. Kill well with 10#/gal brine if necessary, ND tree, NU BOP's.
2. POOH w/2-7/8" tubing and RTTS packer.
3. RU wireline and set CIBP @ + 9800'. Dump 50' cement on top of bridge plug. RU wireline and run CBL-GR logs from 9750'-8000' and correlate with Schlumberger Comp Neutron Litho Density Log. Squeeze if necessary.
4. Perforate 2nd Bone Springs Sand @ 8966-8988' w/4" HSC guns with 2 shots per foot for a total of 44 - 0.50" holes.

PLEASE SEE REVERSE 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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Wally S. Richardson TITLE Production Technician

DATE 10/2/89

(This space for Federal or State office use)

PERMIT NO.

Orig. Signed by Stanley J. Shaw

APPROVAL DATE

APPROVED BY

TITLE

DATE 10-3-89

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

5. TIH w/2-7/8" tubing, seating nipple and 5-1/2" packer. Spot acid across perforations and pull packer above perforations and set at  $\pm$  8900'.
6. Acidize w/2000 gals 7-1/2% NEFE acid with additives. Drop ball sealers in acid.
7. Swab and put to production.