

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 ☒

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, CO 80237

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

At surface

1980' FSL & 660' FWL

At proposed prod. zone

Same

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

7.5 Miles NW of Carlsbad

15. DISTANCE FROM PROPOSED*

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. 3000'

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

3432.7' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 - 1/2"	13 - 3/8"	54.5#	410'	950 sx Class "C"
11"	8 - 5/8"	32#	1,982'	1535 sx Lite & CIC
7 - 7/8"	5 - 1/2"	15 & 17#	10,851'	620 sx Class "H"

Quinoco Petroleum, Inc. proposes to plugback the Catclaw Draw Unit #15 from the existing Morrow perf's @ 10,076-10,714 to the Uphole Morrow zone as follows:

1. MIRU completion unit, Kill well with 10 ppg brine. ND tree. Nu BOP's.
2. Unset Guiberson Series 6 packer set at 10675' and pull tubing & packer.
3. RU wireline and set CIBP @ 10690'+dump 35' of cement on top of bridge plug.
4. TIH w/2-3/8" tubing circulating well clean w/2% KCL and packer fluid. TOH w/2-3/8" tubing. Pressure test plug to 500 psi for 15 minutes.
5. TIH w/5-1/2" packer with tubing conveyed guns on-off tool and seating nipple above packer on 2-3/8" tubing, hydrotesting tubing to 8500 psi. Space out tubing string and set packer. (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. 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.

24.

SIGNED

Wally S. Richardson

TITLE Sr. Ops. Eng. Tech.

DATE March 12, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Orig. Signed by Adam Salameh

PETROLEUM ENGINEER

APPROVED BY

TITLE

DATE

3-27-90

CONDITIONS OF APPROVAL, IF ANY:

6. Nipple down BOP's. Nipple up tree. Test packer to 1000 psi surface pressure.
7. Stake flareline to pit. Drop bar to fire guns and perforate 10600-10608' (8'), 10550-10556' (6'), 10544-10547' (3'), 10520-10524' (4'), 10506-10512 (6'), 10492-10496' (4') and 10444-10448' (4') w/2 jspf for a total of 35' and 71 holes. Evaluate and flow well until cleaned up. Acidize if necessary with program to follow.
8. RDSU.