

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

Anadarko Petroleum Corporation

3. ADDRESS OF OPERATOR

PO Drawer 130, Artesia, NM 88211-0130

30025-00867

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

At surface

1980' FSL & 1980' FWL, Sec. 22, T18S, R32E

At proposed prod. zone

Same

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

8 1/2 miles South of Maljamar, NM

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.

489'

16. NO. OF ACRES IN LEASE

320

19. PROPOSED DEPTH

13,730'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3757' GR

22. APPROX. DATE WORK WILL START*

11-21-94

5. LEASE DESIGNATION AND SERIAL NO.

NM-04371-A

6. IF INDIAN, ALLOTTER OR TRIBE NAME

7. UNIT AGREEMENT NAME

8910034610

8. FARM OR LEASE NAME

Querecho Plains Unit

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Undesignated Morrow

11. SEC., T., R., W., OR BLK.
AND SURVEY OR AREA

22-18S-32E

12. COUNTY OR PARISH

Lea

13. STATE

NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	48#	734'	750 sx - Circ
12 1/2"	9 5/8"	40#	4539'	1150 sx - Circ
8 3/4"	7"	26 & 29#	13755'	900 sx

Note: Anadarko plans to abandon the Strawn Pay and open up the Morrow Pay. Gary L. Bennet perforated the Morrow in August of 1989 and flow tested the well but he did not have the 320 acres required for dedication. Anadarko set a RBP above Morrow perms and has been producing the Strawn. We now have acquired the 320 acres necessary to produce the Morrow.

1. RUPU. TOH with rods and tbg.

2. GIH and retrieve RBP at 11,909'. TOH.

3. GIH with Straddle pkers and set lower pker at approximately 12,400' to produce Morrow perms at 12,530' to 12,644', with upper pker in the tbg string to be set at approximately 11,500' to isolate Strawn perms at 11,578' to 11,660'.

4. Test and stimulate the Morrow as necessary for production in commercial quantities. If proves unproductive, the well will be plugged back and re-establish production from Strawn.

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

Mike Brunell

TITLE

Field Foreman

DATE

11-17-94

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Signed by Shannon J. Shaw

PETROLEUM ENGINEER

APPROVED BY

TITLE

DATE

11/17/94

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side