

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-23988

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 Production Company ✓

3. ADDRESS OF OPERATOR  
P. O. Box 67, Loco Hills, New Mexico 88255

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 1980' FN&ELs Sec. 34, T17S, R30E, Eddy County, N.M.  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 2 miles Southeast of Loco Hills Townsite

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1683'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3550' GL

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"	48.0#	400'	400 sx - circulated
12-1/4"	8-5/8"	24.0#	3200'	900 sx - circulated
7-7/8"	4-1/2"	11.6#	11600'	900 sx - est. CT - 7900'

1. Rig up Rotary Tools.
2. Drill to approximately 400'; set 13-3/8" casing and cement with approximately 400 sx; install 12" Shaffer Type B Hydraulic Blowout Preventor & test prior to drilling cement plug.
3. Drill to approximately 3200'; run Open Hole Logs; set 8-5/8" casing & cement with approximately 900 sx. Plan to drill this section with brine water so cement can be circulated back to surface.
4. Conduct 3 Drill Stem Tests as well is drilled from 3200' to 11600'.
5. Run Open Hole Logs @ T D; set 4 1/2" casing and cement with approximately 900 sx; estimated cement top will be 7900'.
6. Perforate Morrow; treat, if necessary.
7. Equip well for production.
8. Place well on production.

Note: Gas has not been dedicated.

OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

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 [Signature] TITLE Area Supervisor DATE October 12, 1981

(This space for Federal or State office use)

APPROVED

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] DATE NOV 17 1981

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

NM - 0558581

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arnold Fed. Com.

9. WELL NO.

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10. FIELD AND POOL, OR WILDCAT

Cedar Lake Morrow

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

34 - 17S - 30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

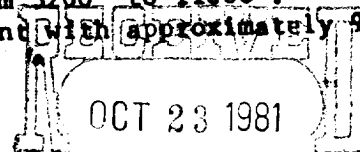
16. NO. OF ACRES IN LEASE 320

19. PROPOSED DEPTH 11600'

20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START\*

11-14-81



Received  
OCT 23 1981