

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-24590

5. LEASE DESIGNATION AND SERIAL NO.

USA NM-34461

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Arco Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Loco Hills-

ON/GRBG/SA
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 21, T18S, R29E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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 ☐

2. NAME OF OPERATOR

Fred Pool Operating Company

3. ADDRESS OF OPERATOR

Post Office Box 1393, Roswell, New Mexico 88201

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

At surface

330' FNL & 2310' FEL

At proposed prod. zone

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

7 miles S.W. of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, IF

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

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

40

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

19. PROPOSED DEPTH

3200'

20. ROTARY OR CABLE TOOLS

Rotary

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

3509 GR

24.

22. APPROX. DATE WORK WILL START*

9/01/83

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	350'	350 sx or Suff. to circ.
7 7/8"	5 1/2"	15.5#	3200'	650 sx or Suff. to circ.

We intend to drill this well to $\pm$ 3200' and evaluate the Queen, Grayburg, and San Andres Formations.

Attachments: Survey Plat (C-102)
Supplemental Drilling Data
Surface Use Plan

RECEIVED
AUG 17 2 33 PM '83
BUREAU OF LAND MANAGEMENT
ROSSELL DISTRICT

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

Fred F. Pool III

TITLE

Petroleum Engineer

DATE

8/15/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED