

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-005-60827
5. LEASE DESIGNATION AND SERIAL NO.

NM - 27970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

COYOTE FEDERAL

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

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

SEC 17, T7S, R25E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

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

MESA PETROLEUM CO

DEC 3 1980

3. ADDRESS OF OPERATOR

1000 VAUGHN BUILDING/MIDLAND, TX 79701

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

At surface

660' FNL & 1980' FEL

At proposed prod. zone

SAME

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

26 MILES NORTH/NORTHEAST OF ROSWELL

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

700' / 660'

18. DISTANCE FROM PROPOSED LOCATION*

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

5000'

19. PROPOSED DEPTH

4300'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

ROTARY

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

3862' GR

22. APPROX. DATE WORK WILL START*

DECEMBER 13, 1980

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"	48#	550'	200"C/Sufficient to Circulate
11"	8 5/8"	24#	1500'	200"C
7 7/8"	4 1/2"	10.5#	4300'	460 HLW/300 POZ"C

Propose to drill 17 1/2" hole to 550', cement 13 3/8" casing, reduce hole to 11" drill to 1500' without BOPs or wellhead. After cementing 8 5/8" casing at 1500' and installing bradenhead, will nipple up 10" API 3000 psi BOPs and drill 7 7/8" hole to total depth of 4300' (A 10" spool will be used even if no casing is run.) Drilling fluid will consist of fresh water gel and soda ash from surface to 1500' and fresh water with caustic soda (pH 9.0 - 9.5) and chemicals for corrosion control to 3500' then mud up with starch and soda ash to total depth. After log evaluation, 4 1/2" casing may be run to total depth.

GAS NOT DEDICATED

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

R. E. Mathis ccw

TITLE

REGULATORY COORDINATOR

DATE

10-13-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. Sgd.) PETER W. CHESTER

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 3 1980

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS (6), MEC, TLS, JRW, CEN RCDS, ACCTG, MEC, JBH, PARTNERS, FILE