

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AMENDED

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

Apache Corporation

3. ADDRESS OF OPERATOR

1660 Lincoln St., Denver, Colorado 80264

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

At surface

1945' PNL & 790' FEL

At proposed prod. zone

Same

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

38 miles SE of Bloomfield, N. Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any.)

790'

18. DISTANCE FROM PROPOSED LOCATION*

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

2875'

16. NO. OF SITES IN LEASE

160

19. PROPOSED DEPTH

3300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

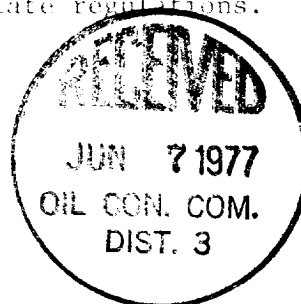
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23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	24#	361'	250 Sx.
8-3/4"	7"	20#	3297'	450 Sx.

1. Drill 12-1/4" hole to 361' & cement 9-5/8" casing to surface.
2. Drill 8-3/4" hole to 3300' & cement 7" casing w/450 sx.
3. Evaluate all oil and gas shows by DST and/or electric logs.
4. New casing run to protect all possible producing horizons.
5. In the event the well is non-productive, plugging operations will be performed according to federal and state regulations.



19. Where applicable, attach a map showing location. If proposed to deepen or plug back, also attach on present productive zone and proposed new productive zone. If proposed to change production directionally, also pertinent data on subsurface horizons and measured and true vertical depths. Give blowout prevention program, if any.

24.

APPROVED

DIVISION Engineer

DATE 5-29-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

DATE

DATE

CONTINUATION OF PERMIT APPLICATION