

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

WIW

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1978, Roswell, New Mexico 88201

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

At surface

660' FNL & 1980' FEL

At proposed prod. zone

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

RECEIVED

RECEIVED
DEC 10 1969U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

DEC 11 1969

16. NO. OF ACRES IN LEASE

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

O. C. C.

19. PROPOSED DEPTH

3450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3671 Grd.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	9.5	3450	200 sx

To effect more efficient injected water distribution, we propose the following work:

1. Clean out to T.D. of 3434' and deepen w/6 1/4" hole to 3450'.
2. Run GR-N log 3250' to 3450'.
3. Run 4 1/2" OD 8R 9.5# casing to 3450' and cement w/200 sx salt saturated cement.
4. Perforate Jackson zone from log; anticipate 25 1/2" jets fired selectively from 3300' to 3400'.
5. Treat w/3500 gallons 15% HCl acid.
6. Run 2-3/8" tubing & tension packer set at about 3250'.
7. Load annulus w/treated water and resume water injection.

Work to start about 12/14/69.

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

C. D. Snodgrass

TITLE

Dist. Drlg. Supervisor

DATE

12-9-69

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY
COMMISSIONER OF APPROVAL, IF ANY:

APPROVALS
THIS APPROVAL IS RESCINDED IF
ARE NOT COMMENTED WITHIN 3 MONTHS.
EXPIRES MAR 10 1970

*See Instructions On Reverse Side