

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Copy to J. F.

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 **Wildcat** SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
P. O. Box 1978, Roswell, New Mexico**660' FNL & 660' FNL (Unit Letter A)**
At proposed prod. zone

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

40 miles SW of Artesia

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)**660'**

16. NO. OF ACRES IN LEASE

16017. NO. OF ACRES ASSIGNED
TO THIS WELL**40**18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.**1st well**

19. PROPOSED DEPTH

5200'

20. ROTARY OR CABLE TOOLS

Rotary

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

To be reported

22. APPROX. DATE WORK WILL START*

7/1/66

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	150	Circulate
12-1/4	8-5/8	24	900	Circulate
7-7/8	4-1/2	10.5	5200	200 ax

We propose to drill a well as outlined above to test the producing capabilities of the Abo Reef. 2 ram hydraulic BOP's will be used on all casing strings. Well will be drilled, cased and cemented in accordance w/Artesia Water Basin rules. No expect the top of the San Andres to be approximately 35'

RECEIVED

AUG 2 1966

O. C. C.

ARTESIA OFFICE

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AUG 1 1966
U. S. GEOLOGICAL SURVEY
ARTESIA, 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.

Original Signed

SIGNED **O. D. Bretcher**TITLE **Dist. Drilling Supervisor** DATE **7-29-66**

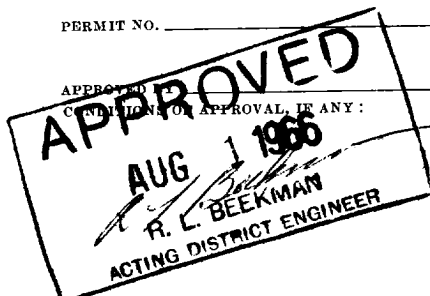
(This space for Federal or State office use)

PERMIT NO. _____

DECLARED WATER BASIN

APPROVAL DATE **8/1/66**CEMENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE **8/5/66** DATE

*See Instructions On Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.