

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

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

At surface
UNIT E - 1975' f/North & 890' f/West lines Sec. 28At proposed prod. zone
Same

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

Approximately 3 miles east and 7 miles NE f/Shilpock, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)Approx. 102' f/Navajo
Ute Res. line18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED
OR APPLIED FOR, ON THIS LEASE, FT. f/Well #152

Approx 1090'

16. NO. OF ACRES IN LEASE

Tr. 19
1815.77 ac.

19. PROPOSED DEPTH

1650'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40 ac.

20. ROTARY OR CABLE TOOLS

Rotary

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

5649', Ground level, ungraded

22. APPROX. DATE WORK WILL START*

6-22-74

23.

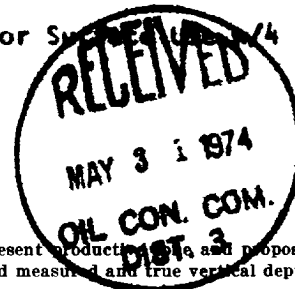
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11-1/2"	7-5/8"	26.4#	120'	120 sx (cmt to surface)
6-3/4"	4-1/2"	10.5# & 11.6#	T.D.	250 sx

Propose to drill well to depth sufficient to test the Gallup formation. Est. top of Upper Gallup @ 1460'. Will set 7-5/8" surface casing w/sufficient cement to circulate to surface; will drill 6-3/4" hole to T.D. and log; if productive, set 4-1/2" production casing and cement w/sufficient cement to protect all zones. Productive zones will be perforated, treated if necessary, and well completed.

Re: New Mexico Oil Conservation Commission Order No. R-2210-A

Attachments: Certified Location Plat, Development Plan for Surface Unit, 4 attach., and 7 Point Drilling Plan



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zones 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

TITLE

Dist. Prod. & Drlg. Supt.

5-29-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

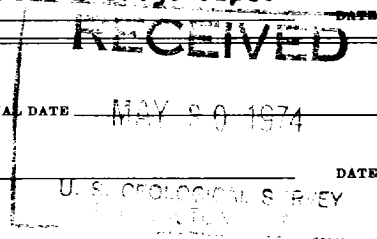
MAY 30 1974

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



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 refer 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 survey location of, the well and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 16: 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.

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation UNITIZATION

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

RECEIVED
MAY 3 1 1974
OIL CON. COM.
DIST. 3

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Position W. A. WALTHER, JR.
DIST. PROD. & DRLG. SUPT.

Company

ATLANTIC RICHFIELD COMPANY

5. 1992

MAY 29, 1974

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

THE SILENT AGE

5 April 1974

Registered Professional Engineer
No. 123456789

James P. Leese

1991

1463

