

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. 80295

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

At surface

Unit D (NW NW) - 790' f/North & 790' f/West lines Sec. 20 ✓

At proposed prod. zone

Approx same

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

Re: Attached

15. DISTANCE FROM PROPOSED*

790' f/lse &

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

drlg unit

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. P.C., Hill #5

883' WNW f/

Hill #5

16. NO. OF ACRES IN LEASE

640 Ac.

Base lse 2560 Ac.

19. PROPOSED DEPTH

7500'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160 Ac (NW/4 Sec. 20) ✓

20. ROTARY OR CABLE TOOLS

Rotary

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

6879' GR

22. APPROX. DATE WORK WILL START*

8/1/78

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"OD	24#	300'	300 sx (Cmt to surface)
7-7/8"	5-1/2"OD	15.5 & 17#	T.D.	750 sx (Use DV & stage)

Propose to drill well to depth sufficient to test the Dakota formation. If productive, set 5-1/2" casing at T.D., perforate productive intervals, treat if necessary, and complete.

Attached are: Well Location and Acreage Dedication Plat
Drilling Plan
Surface Use and Operations Plan



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

TITLE Operations Manager

DATE 6-1-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

JUN 5 1978

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

NEW METHOD OF DEDICATION OF WELL LOCATION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Revised 1-6-77
1-10-77

All distances shown on this plat are in feet and are based on the following:

THE ATLANTIC RICHFIELD COMPANY		CHACON FEDERAL		6	
Section	Township	Range	County		
D	20	24 NORTH	3 WEST	RIO ARriba	

Well Location of Well:					
790	feet from the	NORTH	line and	790	feet from the
Brown Elev. 6879		Producing Formation Dakota		Pool	Dedicated Acreage: 160 (NW/4)
				Chacon Dakota	Acres

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 _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) See Below for Ownership. Communitization and Joint Operating Agreements will be executed.

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.

NM-02402 Atlantic Richfield Company N/2 NW/4 Sec. 20		
SF-079456 AG & Margaret Hunt Hill S/2 NW/4 Sec. 20		
		20

CERTIFICATION

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

Name M. E. Brown
 Position M. E. Brown
 Oprns. Info., Asst.
 Company Atlantic Richfield Company
 Date June 1, 1978

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.

24 April, 1978
 Date Surveyed

Registered Professional Engineer
 and Land Surveyor

James P. Lease
 James P. Lease

Certificate No. 1463



