

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

SE SE 850' f/South & 850' f/East lines, Sec. 19 -

At proposed prod. zone

Approx. same

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

Approx. 11 miles from Lindrieth

15. DISTANCE FROM PROPOSED 850' f/lease and Drlg.

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

Unit

1465.76 Gross

18. DISTANCE FROM PROPOSED LOCATION* Appx. 1 mi. No. of

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. Wl. #1 (applied for)

7620'

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

7041' GL

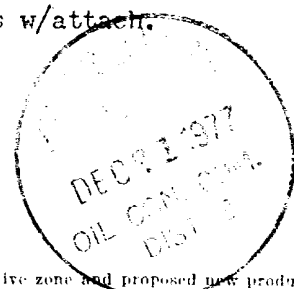
23.

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
7 7/8"	5-1/2" OD	15.5 & 17.0#	7620'	750 sx

Propose to drill well to depth sufficient to test the Dakota, perforate, test, stimulate, and complete well in the Dakota.

Pursuant NTL-6, attached are: Certified Location Plat
Drilling Plan w/attach.
Surface Use and Operations Plans w/attach.



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

W. A. Walther, Jr.

TITLE

Operations Manager

DATE December 15, 1977

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DATE

DEC 19 1977

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator THE ATLANTIC RICHFIELD COMPANY		Lessee CHACON FEDERAL		Well No. 5
Unit Letter P	Section 19	Township 24 NORTH	Range 3 WEST	County RIO ARriba
Actual Footage Location of Well: 850 feet from the SOUTH line and 350 feet from the EAST line				
Ground Level Elev. 7041	Producing Formation DAKOTA	Pool CHACON DAKOTA	Dedicated Acreage: (E/2) 320 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). **Atlantic Richfield Company is owner of E/2 of Section 19.**
 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc? **N/A**
- () Yes () No If answer is "yes," type of consolidation _____

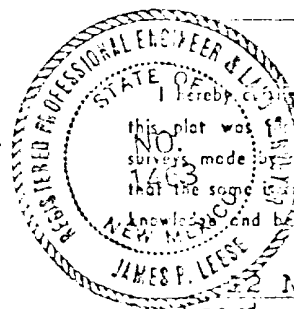
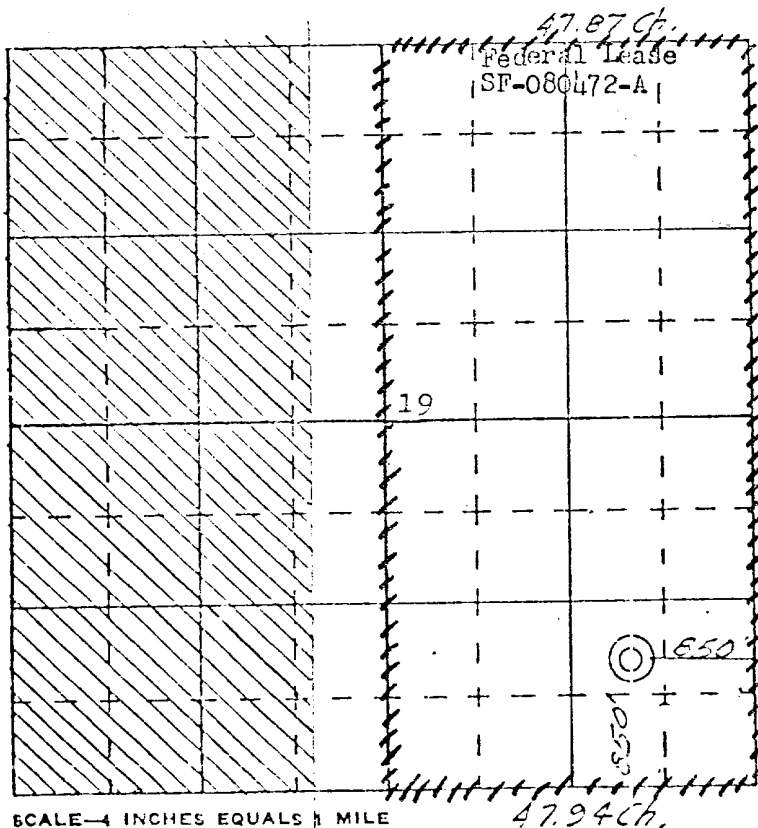
If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this Form if necessary.) _____

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

CERTIFICATION

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

Name **W. A. Walther, Jr.**
 Position **Operations Manager**
Atlantic Richfield Company
 Company
 Date **December 15, 1977**



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

Date Surveyed **22 November 1977**
James P. Leese
 Registered Professional Engineer
 and/or Land Surveyor **James P. Leese**

