

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

SW NW 1/4 Sec. 33, T. 16 N., R. 10 W., S. 33

At proposed prod. zone

Approx. same

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

Approx. 9 miles from Lindrith

15. DISTANCE FROM PROPOSED*

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

800' f/Lease and Drlg.

Unit

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

1st Well

16. NO. OF ACRES IN LEASE

640 Gross

19. PROPOSED DEPTH

7500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W/320 Acres (W/2)

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, CR, etc.)

7050' GL

22. APPROX. DATE WORK WILL START*
Dirt Work when app'l. rec'd
Est. Dec. 30, 1977.

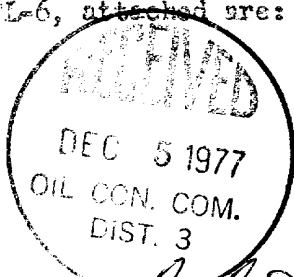
23.

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	20.4	300'	300 sz
7 7/8"	5-1/2" OD	15.5 & 17.0 #	7500'	750 sz

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.



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U. S. GEOLOGICAL SURVEY

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

B. J. Sartain

TITLE

Drilling Supt.

DATE

11-30-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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		Lease CHACON FEDERAL		Well No 2
Unit Letter E	Section 33	Township 24 NORTH	Range 3 WEST	County RIO ARriba
Actual Footage Location of Well: 1640 feet from the NORTH line and 800 feet from the WEST line				
Ground Level Elev. 7050	Producing Formation DAKOTA	Pool CHACON DAKOTA	Dedicated Acreage: 320 (W/2) Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- 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 NW/4 of Section 33.**
- 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? **Operating Agreement is being prepared and Communitization Agreement will be prepared.**
☐ 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.) **Will be Odessa Natural (SW/4) and Atlantic Richfield (NW/4)**

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.

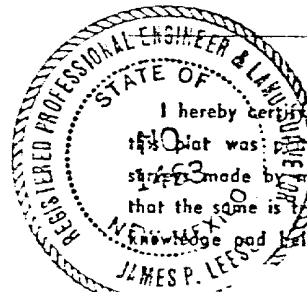
CERTIFICATION

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

B. J. Sartain
Name **B. J. Sartain**
Position **Drilling Supt.**

Atlantic Richfield Company
Company

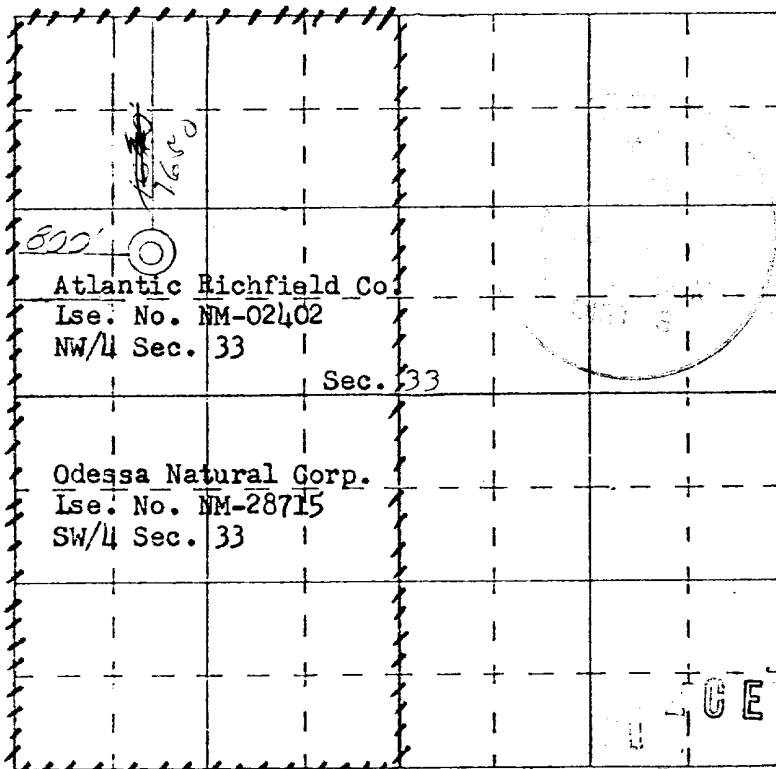
November 30, 1977.
Date



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

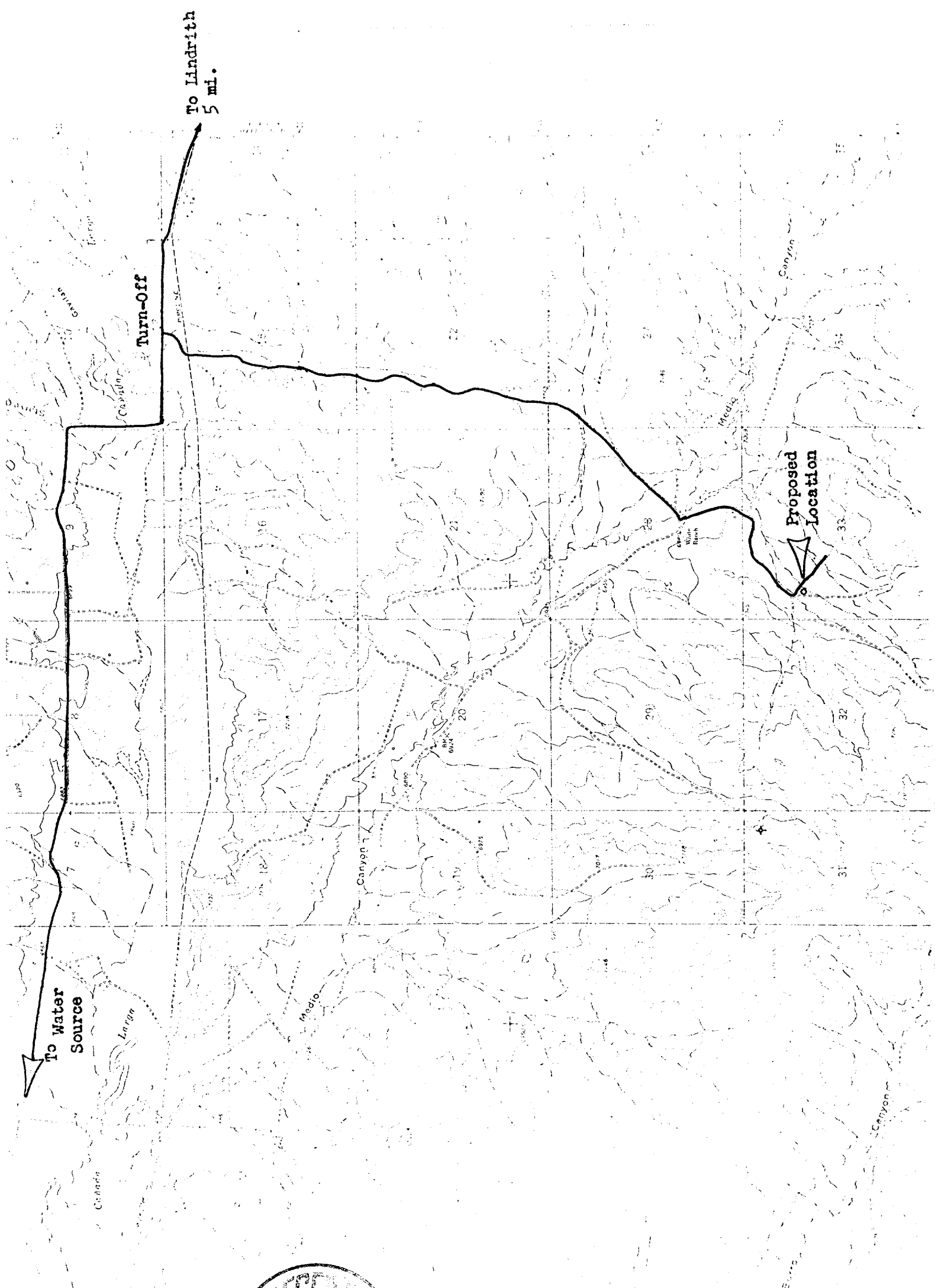
11 November 1977
Date Surveyed

James P. Leese
Registered Professional Engineer
and/or Land Surveyor **James P. Leese**



SCALE—4 INCHES EQUALS 1 MILE

DEC 2 1977



DEC 5 1977
OIL CON. COM.
DIST. 3

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