

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

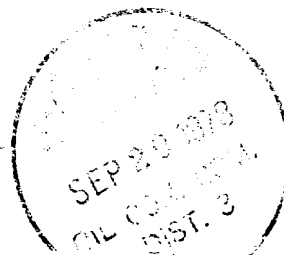
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF-080472-A		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Atlantic Richfield Company			7. U. I. T. AGREEMENT NAME		
3. ADDRESS OF OPERATOR 501 Lincoln Tr. Bldg., 1860 Lincoln St., Denver, Colorado 80295			8. FARM OR LEASE NAME Tonkin		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) 2134' FNL & 1850' FEL (SW NE) (Unit G) Section 18 At proposed prod. zone Approx. Same			9. WELL NO. 2		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 12 miles west of Lindrith, New Mexico			10. FIELD AND POOL, OR WILDCAT West Lindrith Gallup-Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 1306' f/lse. Line			11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 18-24N-3W		
16. NO. OF ACRES IN LEASE 1469.76'			12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 191.30			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. approx. 600' f/pictured Cliff well in N/2			19. PROPOSED DEPTH 7650'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* Upon approval dirt work Oct. 30, 1978		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 6922' GL (Ungraded)					

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"	24#	300'	300 sx.
7-7/8"	5-1/2"	15.5 & 17#	7650'	750 sx.

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

Pursuant NTL-6, attached are: Certified Location Plat
Drilling Plan with attachments.
Surface Use and Operations Plan with attachments.



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. Walling / reg TITLE Operations Manager DATE 9-15-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ok Frank TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 18 1978

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101
Supersedes O-129
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

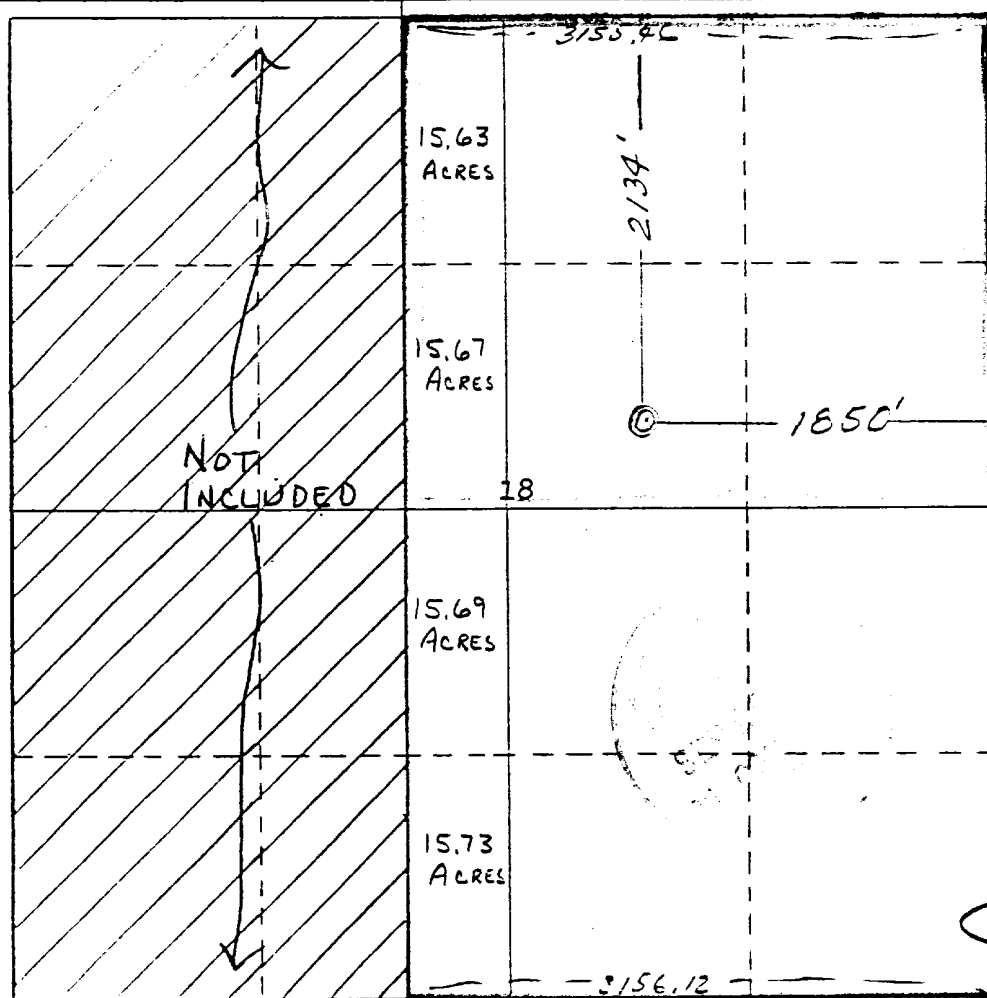
Operator THE ATLANTIC RICHFIELD COMPANY		Lease TONKIN		Well No. 2 ✓
Unit Letter G	Section 18	Township 24 NORTH	Range 3 WEST	County RIO ARriba ✓
Actual Footage Location of Well: 2134 feet from the NORTH line and 1850 feet from the EAST line				
Ground Level Elev. 6922	Producing Formation Dakota	Pool West Lindrith Gallup <i>alt. 7</i>	Dedicated Acreage: N/2 191.30 Acres ✓	

- Outline the acreage dedicated to the subject well by colored pencil or hachure 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).
- 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? **N/A 100% Atlantic Richfield Company**

☐ 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.) _____

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.

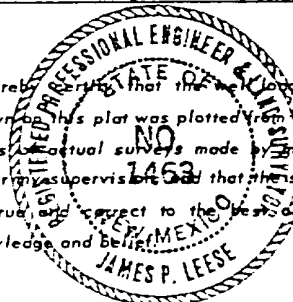
W.A. Walther, Jr.
Name
W. A. Walther, Jr.

Position
Operations Manager

Company
Atlantic Richfield Company

Date
September 15, 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.

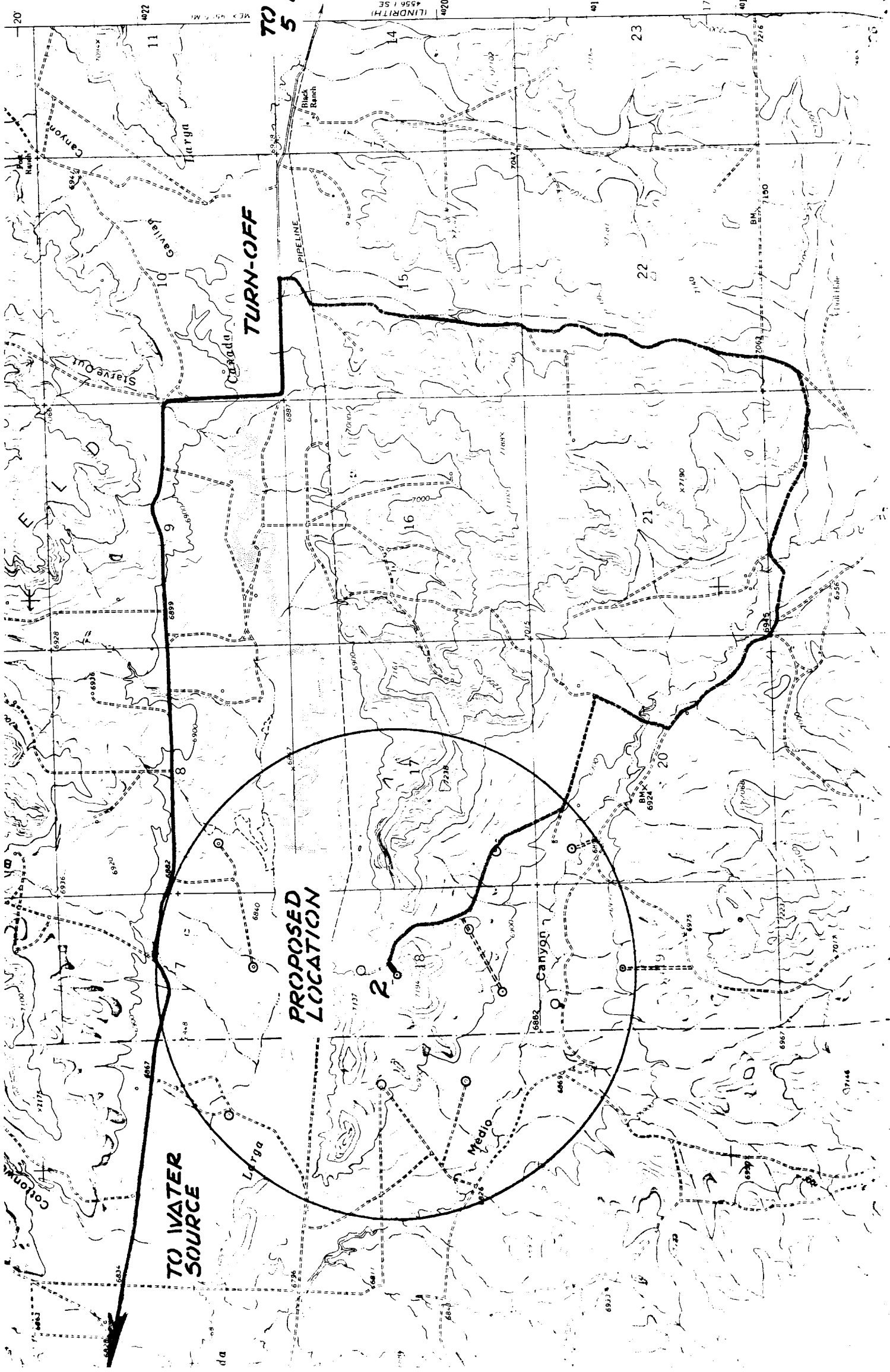


Date Surveyed
21 August 1978

Registered Professional Engineer and Land Surveyor

James P. Leese
James P. Leese

Certificate No.
1463



TO LINDRITH
5 MILES

TO WATER
SOURCE

TURN-OFF

PROPOSED
LOCATION

1:10,000
4556 1 SE
LINDRITH

