

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

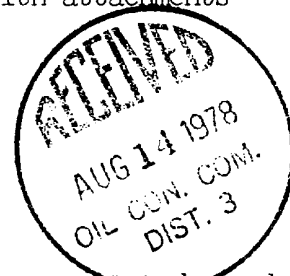
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg, 1860 Lincoln St., Denver, CO 80295			8. FARM OR LEASE NAME Tonkin	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW SE 800' FSL & 2300' FEL Section 18 At proposed prod. zone Approximately Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12 miles from Linorith, New Mexico			10. FIELD NO. Linorith, west of Gallup, New Mexico	
13. DISTANCE FROM PROPOSED* approx. 850' f/lease LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. line and drlg. line (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE 1469.76		17. NO. OF ACRES ASSIGNED TO THIS WELL 191.42
18. DISTANCE FROM PROPOSED LOCATION* Approx. 1600' TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT. from El Paso Tonkin#4		19. PROPOSED DEPTH 7555'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6888' GL			22. APPROX. DATE WORK WILL START*	

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#	7555	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 Plot
Drilling Plan with attachments
Surface Use and Operational Plans 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 [Signature] TITLE Operations Manager DATE 8/9/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE AUG 11 1978
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

1000000000

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

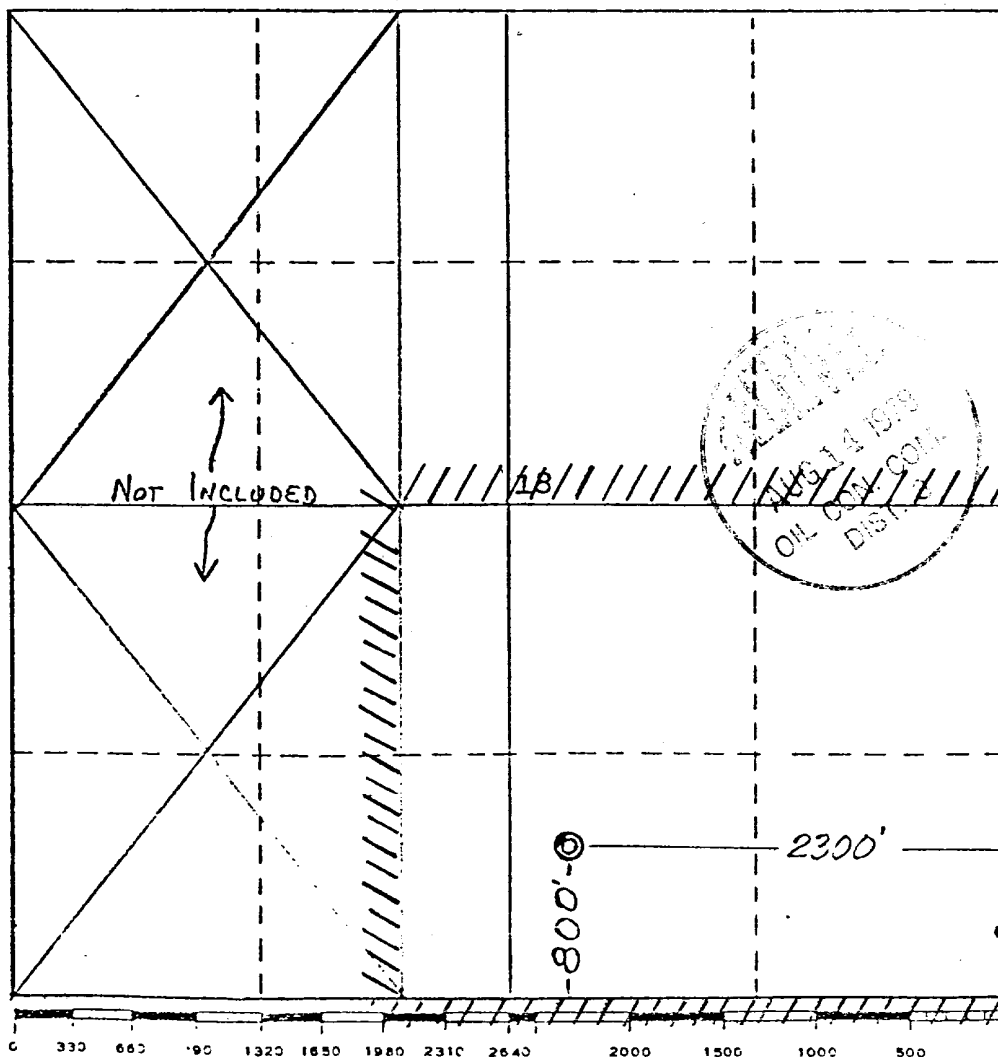
Operator THE ATLANTIC RICHFIELD COMPANY		Lease TONKIN		Well No. 1	
Unit Letter 0	Section 18	Township 24 NORTH	Range 3 WEST	County RIO ARriba	
Actual Footage Location of Well: 800 feet from the SOUTH line and 2300 feet from the EAST line					
Ground Level Elev. 6888	Producing Formation Gully-Dakota		Dedicated Acreage: S/2 191.42 Acres		Post Office Lindroth, West-Gullap-Dakota

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.) _____

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.

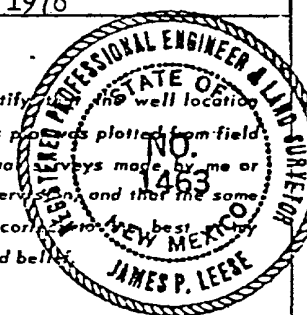


CERTIFICATION

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

Name
W. A. Walther, Jr.
Position
Operations Manager
Company
Atlantic Richfield Company
Date
August 9, 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
11 July 1978
Registered Professional Engineer
for Land Survey
James P. Leese
Certificate No.
1463

