

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-046-22517
5. LEASE DESIGNATION AND SERIAL NO.
NM - 03604

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 I - NE SE - 1500' f/South & 990' f/East lines Sec. 24
 At proposed prod. zone
 Approx. same

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 - -

7. UNIT AGREEMENT NAME
 - -

8. FARM OR LEASE NAME
 Marron WN Federal

9. WELL NO.
 6-A

10. FIELD AND POOL, OR WILDCAT
 Blanco Mesaverde & Largo Chacra

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 24-27N-8W

12. COUNTY OR PARISH
 San Juan

13. STATE
 New Mexico

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 990' f/botm

16. NO. OF ACRES IN LEASE
 160 ac this well

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320 & 160 ~~acres~~

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.
 873' f/PC well in NW SE Sec. 24

19. PROPOSED DEPTH
 5400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6571' G.L., ungraded

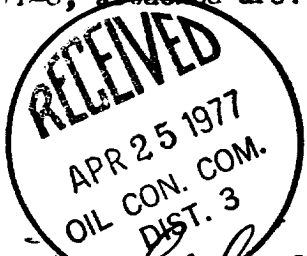
22. APPROX. DATE WORK WILL START*
 Dirt work - When appl rec'd
 Est. 5/1 to 10/77

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"	21#	250'	200 sx (Circ to surface)
7-7/8"	5-1/2"	15.5#	T.D.	750 sx (2-stage)

Propose to drill well to depth sufficient to test the Mesaverde, set production casing, perforate, test, stimulate if necessary, and dual complete in the Chacra and Mesaverde formations.

Pursuant WMI-6, attached are: Certified Location Plat
 Drilling Plan w/ att.
 Surface Use and Operations Plan w/ att.



Gas is delineated

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.

SIGNED W. A. Athol, Jr. TITLE Operations Manager DATE 4/18/77

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
Attal

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Not to be used by either party of this form unless by either party.

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

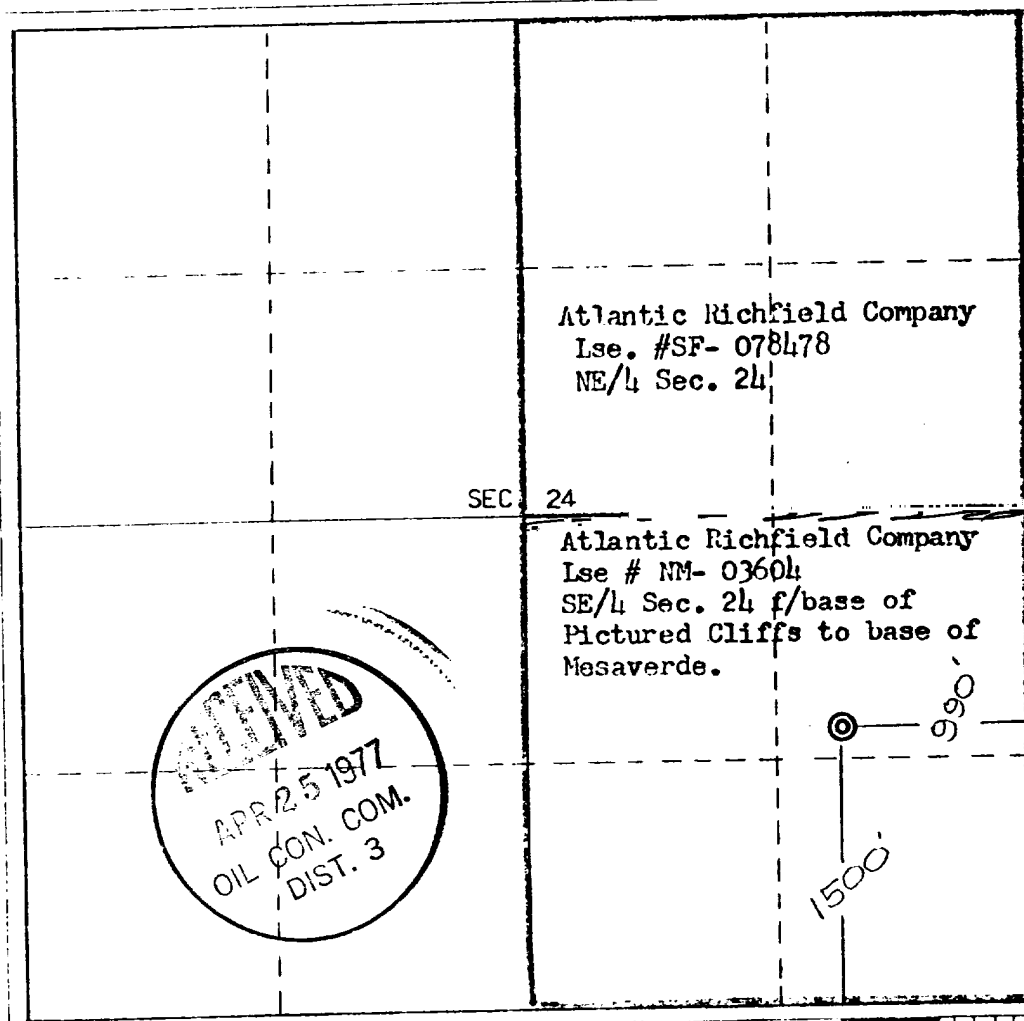
Operator Atlantic Richfield Company			Lease Marron WN Federal		Well No. 6-A
Section Letter 1	Section 24	Township 27 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 1500 feet from the South line and 990 feet from the East line					
Well and Level Elev. 6571	Producing Formation Mesaverde & Chacra		Pool Blanco Mesaverde & Largo Chacra		Dedicated Acreage: <input checked="" type="checkbox"/> 320 & 160 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?

Yes No If answer is "yes," type of consolidation Communitization Agmt #SW-341

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 **April 18, 1977**

Date _____

RECEIVED LAND SURVEYOR'S OFFICE
I hereby certify that the well location shown on this plat was placed on 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.
Reg. No. **3602**
EDWIN V. ECHOHAWK

Date Surveyed **April 1, 1977**

Registered Professional Engineer and/or Land Surveyor

E. V. Echohawk
Certificate No. **3602**

E. V. Echohawk LS

