

OIL CONSERVATION COMMISSION  
Artes DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE Nov 12, 1975

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL  \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Jim KAPTEINH

Gentlemen:

I have examined the application dated Nov 5, 1975  
for the Atlantic Richfield 4 wells see below  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Horseshoe Valley Unit # 287 E-24-31N-17W  
- - - # 288 A-25-31N-17W  
- - - # 289 E-32-31N-16W  
- - - # 290 N-33-31N-16W

approve all

Yours very truly,

AR Kendrick

Rocky Mountain District  
1860 Lincoln St. — Suite 501  
Denver, Colorado 80203  
Telephone 303 573-4049

W. A. Walther, Jr.  
District Production & Drilling  
Superintendent



November 5, 1975

Mr. Joe D. Ramey, Secretary - Director  
Oil Conservation Commission, State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Horseshoe Gallup Unit  
San Juan County, New Mexico

Dear Mr. Ramey:

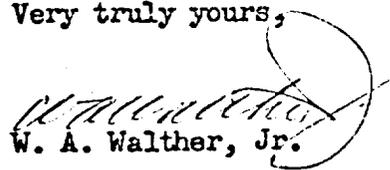
Atlantic Richfield Company, Operator of the Horseshoe Gallup Unit, and pursuant Case No. 5236, Order No. R-2210-A, hereby requests administrative approval to drill four (4) infill Gallup formation producing wells at unorthodox locations. As set forth in Order No. R-2210-A, the following are enclosed:

1. (a) Copy of Certified Location Plat, each well.  
(b) Copy of Application for Permit to Drill, each well.  
(c) Map showing the Unit boundary, all existing wells, and location of the four (4) proposed wells.
2. Schematic drawing for each well, based on current information.

Atlantic Richfield Company is the Operator of all offset locations, therefore, notification to offset operators is not required.

Your administrative approval is respectfully requested.

Very truly yours,

  
W. A. Walther, Jr.

Encls.

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-122  
Supersedes C-128  
Effective 1-1-65

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

Operator <b>Atlantic Richfield Company</b>			Lease <b>Horseshoe Gallup Unit</b>		Well No. <b>288</b>
Unit Letter <b>A</b>	Section <b>25</b>	Township <b>31 North</b>	Range <b>17 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>200</b> feet from the <b>North</b> line and <b>200</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5749</b>	Producing Formation <b>Gallup</b>		Pool <b>Horseshoe Gallup</b>		Dedicated Acreage: <b>NA- Unitized</b>

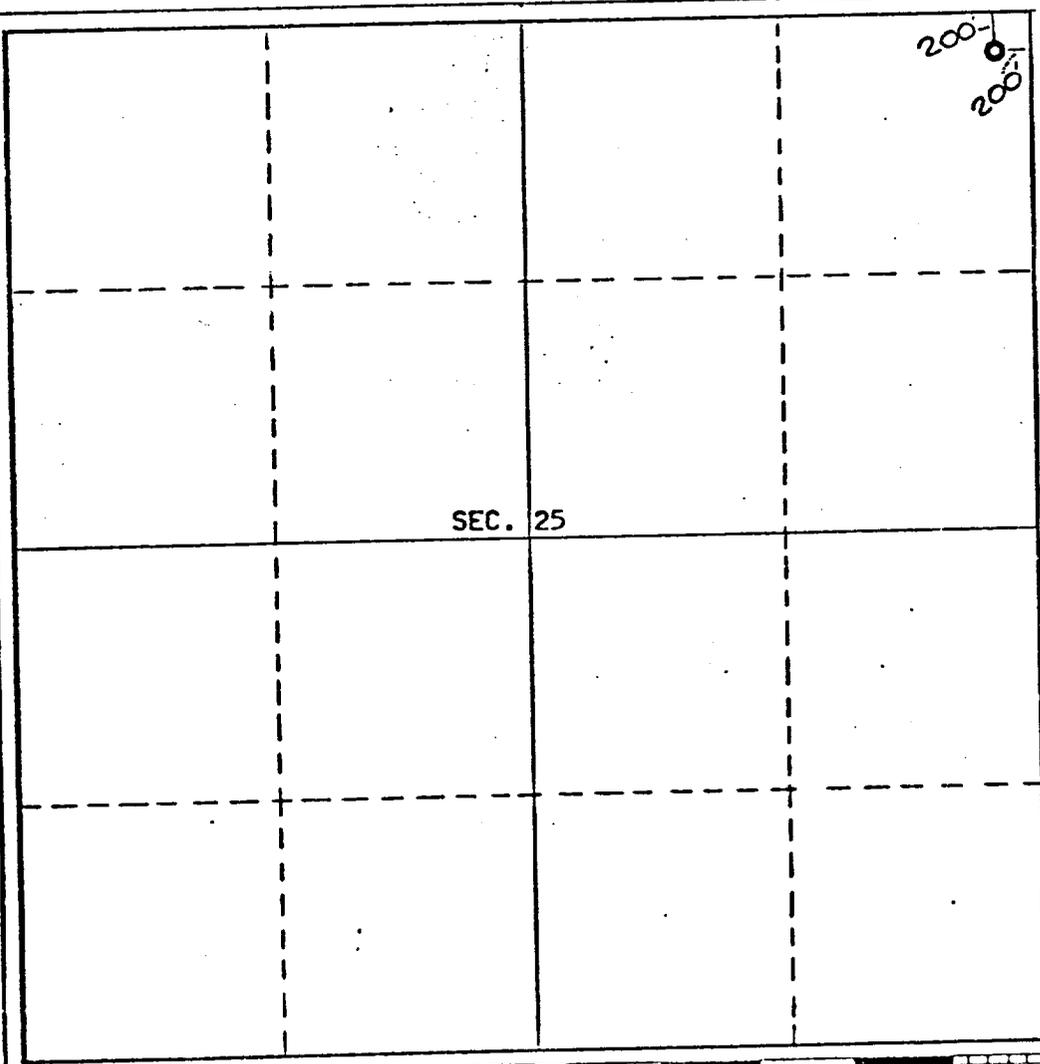
Re: Order R-2210-A

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Unitization

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.

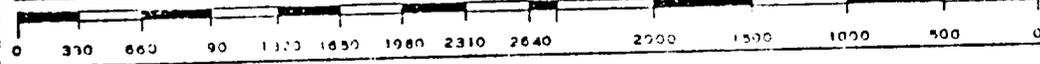
Name \_\_\_\_\_  
 Position **W. A. Walters, Jr.**  
**Dist. Prod. & Drlg. Supt.**  
 Company  
**ATLANTIC RICHFIELD COMPANY**

Date  
**Oct. 28, 1975**

I hereby certify that the location of the well on this plat was plotted on field notes of actual surveys made in or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed  
**October 7, 1975**  
 Registered Professional Engineer  
 and/or Land Surveyor

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



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. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 Unit "A" - 200' f/North & 200' f/East lines Sec. 25  
 At proposed prod. zone  
 Approx same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx 3 mi east & 10 mi NE f/ Shiprock, N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 200' f/Tr.15 line

16. NO. OF ACRES IN LEASE  
 Tr.15 - 800 Ac.  
 Unit - 13,527.80 Ac

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 NA - Unitized

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 650' f/#119

19. PROPOSED DEPTH  
 1650'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5749' GL

22. APPROX. DATE WORK WILL START\*  
 When appl rec'd

23. PROPOSED CASING AND CEMENTING PROGRAM

Est. 11/5/75

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	21.4	120'	120 sx (Cnt to surface)
7-7/8"	5-1/2"	14.4	T.D.	225 sx

Propose to drill well to depth sufficient to test the Gallup Formation. Est. tops: Upper Gallup 1415', Lower Gallup 1530'. Will set 8-5/8" CD casing at approx 120' and cement to surface; drill 7-7/8" hole to T.D. and log; If productive, set 5-1/2" CD casing with sufficient cement to protect all zones. Productive zone(s) will be perforated, treated if necessary, and well completed.

Re: New Mexico Oil Conservation Commission Order No. R-2210 and R-2210-A

Attachments: Certified Location Plat  
 Pertinent Drilling Information  
 Development Plan For Surface Use w/ Att.

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.

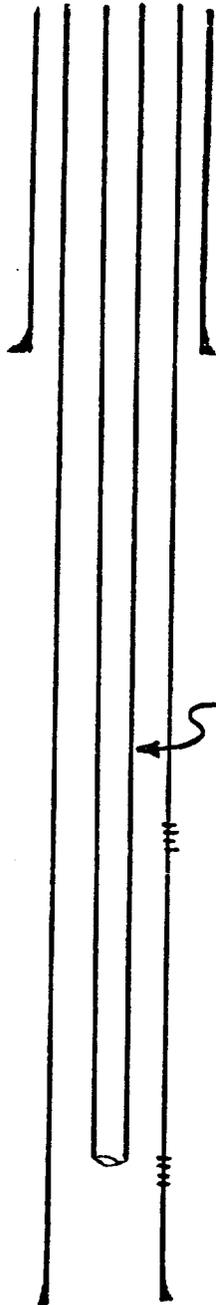
24. SIGNED W. A. Walther TITLE Dist. Prod. & Drlg. Supt. DATE 10/28/75  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Elevation 5749'



8-5/8" OD Casing set at 120' and cemented to surface

2-3/8" OD EUE tubing

Upper Gallup - Perforated as indicated from logs.

Lower Gallup - Perforated as indicated from logs.

5-1/2" OD casing set at total depth with sufficient  
cement to protect all zones.

1650' Estimated total depth.

HORSESHOE GALLUP UNIT, WELL NO. 288  
Unit "A" - 200' f/ North line and  
200' f/ East line of  
Section 25-31N-17W  
San Juan County, New Mexico