

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  
Manning Gas & Oil Company

3. ADDRESS OF OPERATOR  
1660 Lincoln Street, Suite 2322,  
Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
1850' FSL, 790' FEL  
At proposed prod. zone

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) 790

16. NO. OF ACRES IN LEASE  
2560

17. NO. OF ACRES ASSIGNED  
TO THIS WELL 160

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

19. PROPOSED DEPTH  
3100'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6877' GR

22. APPROX. DATE WORK WILL START\*  
June 15, 1974

30-039-20909

5. LEASE DESIGNATION AND SERIAL NO.  
Jicarilla Contr. No. 129

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Apache

9. WELL NO.  
13

10. FIELD AND POOL, OR WILDCAT ☒ EXT.  
So. Blanco Pictured  
Cliffs

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 13-T24N-R4W  
NMFM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
N.M.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 $\frac{1}{2}$	8-5/8	24.0	100	75 sxs
7-7/8	4 $\frac{1}{2}$	9.50	3100	100 sxs

It is proposed to drill this well with rotary tools using drilling mud for circulation through the Pictured Cliffs Formation. All possible production intervals in the Pictured Cliffs will be completed.

The SE/4 of Section 13 is dedicated to this well.



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. For: Manning Gas and Oil Company President, Walsh Engineering  
SIGNED Ewell N. Walsh TITLE & Production Corp. DATE May 21, 1974  
(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

Dist: USGS-6  
Manning-1  
NWP-1  
EPNG-1

\*See Instructions On Reverse Side

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

Form C-162  
Supersedes C-128  
Effective 1-1-65

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

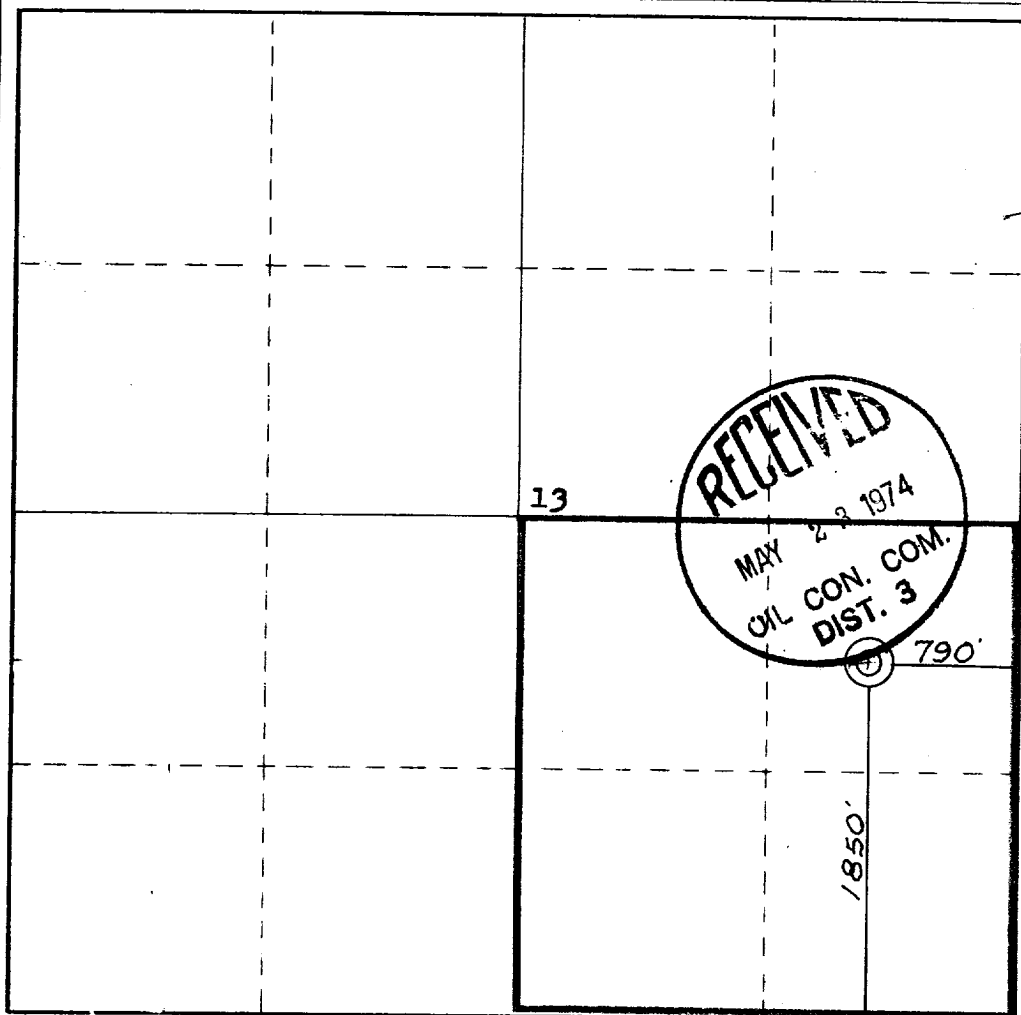
Operator <b>MANNING GAS AND OIL COMPANY</b>			Lease <b>XXXXXXXXX APACHE</b>		Well No. <b>13</b>
Unit Letter <b>I</b>	Section <b>13</b>	Township <b>24 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well:					
<b>1850</b> feet from the <b>SOUTH</b> line and		<b>790</b> feet from the <b>EAST</b> line			
Ground Level Elev. <b>6877</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>So. Blanco P. C. 2x7.</b>		Dedicated Acreage: <b>160</b> Acres	

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 \_\_\_\_\_

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.

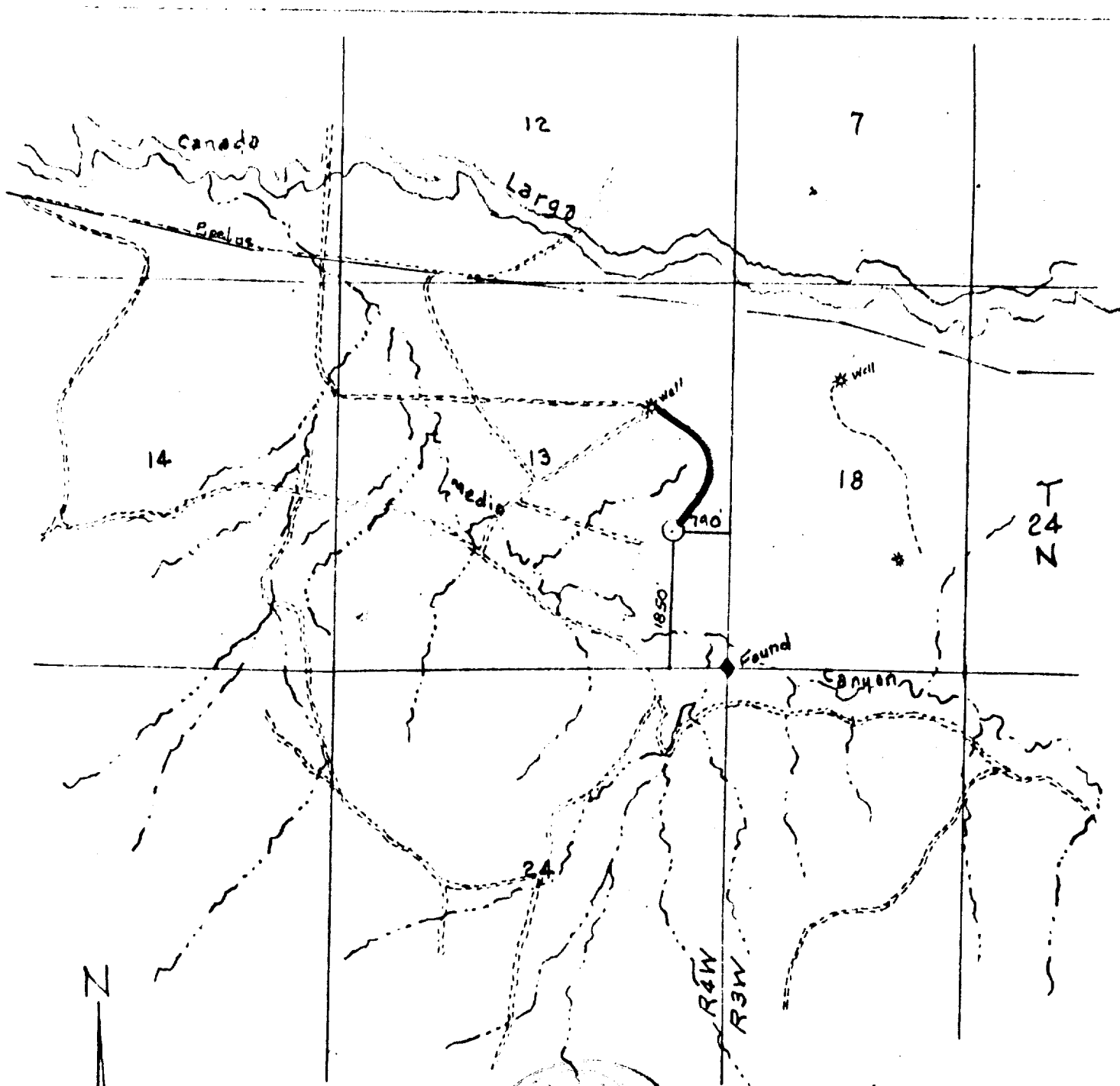
*Ewell N. Walsh*  
Name  
**Ewell N. Walsh**  
Position **President, Walsh Engineering & Prod. Corp.**  
Company  
**For: Manning Gas & Oil Co.**

Date  
**May 21, 1974**

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  
**16 May 1974**  
Registered Professional Engineer and/or Land Surveyor  
*James B. Leese*  
**James B. Leese**  
Certificate No. **1463**  
**NEW MEXICO**  
**1463**  
**JAMES B. LEESE**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



VICINITY MAP  
 MANNING GAS & OIL CO.  
 Showing  
 Well Location in SE/4 of Sec.  
 13, T. 24 N., R. 4 W., Rio Arriba Co.,  
 New Mexico  
 Scale: 1" = 2000

DEVELOPMENT PLAN

MANNING GAS AND OIL COMPANY

APACHE NO. 13

1. Existing roads shown on attached plat.
2. Planned access from existing road is approximately 1400' to new location.
3. Location - Apache No. 13  
1850' FSL, 790' FEL  
Section 13-T24N-R4W  
Rio Arriba County, New Mexico
4. No additional well is planned on this lease at this time.
5. Production equipment or storage facilities proposed for the well will be installed on location.
6. Water will be obtained from Water Hole in Largo Wash  
SW/4 Sec. 9-T24N-R4W .
7. Waste materials will be buried on location or in reserve pit.
8. No permanent camp is planned. A trailer house will be used on location during drilling process.
9. No airstrip proposed.
10. See attached plat for layout.
11. Pits will be filled, location cleaned up, and area not in use for producing well will be reseeded using broadcast method of planting.



DEVELOPMENT PLAN

Manning Gas and Oil Company

Apache No. 13  
1850' FSL, 790' FEL Sec. 13-T24N-R4W  
Rio Arriba County, N.M.

PROPOSED LOCATION LAYOUT

