

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21432  
3. LEASE DESIGNATION AND SERIAL NO.  
**CONTRACT No. 122**  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Jicarilla Apache**  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
**AXI Apache 0"**  
9. WELL NO.  
**13**  
10. FIELD AND POOL, OR WILDCAT  
**S. Blanco - PC**  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 4, T. 25N, R. 4W**  
12. COUNTY OR PARISH  
**Rio ARRIBA**  
13. STATE  
**NM**

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  
**CONTINENTAL Oil Company**

3. ADDRESS OF OPERATOR  
**Box 460, Hobbs, NM 88240**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
**1535' FSL & 805' FEL OF SEC. 4**  
At proposed prod. zone  
**Some**

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

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE  
**2564.45**

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

19. PROPOSED DEPTH  
**3895'**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**7273' GR**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	Now 8 5/8"	24#	500'	310 SX Circ.
6 3/4"	Now 2 3/8"	6.5#	3895'	215 SX

IT IS Proposed TO Drill A Straight Hole TO A T.D. OF 3895' Complete AS A Gas Well IN The South Blanco Pictured Cliffs.  
Mud Program: 0-500' Fresh Water; 500-3895' Fresh Water Gal 8.5-9.0#  
See Attached For B.O.P. Program,  
See Attached Proposed Well Plan For Formation Tops, Logging, Etc.  
Acroage IS Dedicated TO A Gas Purchaser.

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. R. Butcherfield TITLE ADMIN. SUPV. DATE 3-17-77

(This space for Federal or State office use)  
**APPROVED**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY JUN 6 1977 TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
**CARL A. BARRICK**  
ACTING DISTRICT ENGINEER

\*See Instructions On Reverse Side  
**USGS-Durango (6), Gas Company of NM (2), EXXON, MTL, BEA, File (2)**

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

All distances must be from the outer boundaries of the Section

Operator <b>CONTINENTAL OIL COMPANY</b>		Lease <b>AXI APACHE "O"</b>		Well No <b>13</b>
Unit Letter <b>I</b>	Section <b>4</b>	Township <b>25 NORTH</b>	Range <b>4 WEST</b>	County <b>RIO ARRIBA</b>
Actual Footage Location of Well: <b>1535</b> feet from the <b>SOUTH</b> line and <b>805</b> feet from the <b>EAST</b> line				
Ground Level: Elev <b>7273</b>	Producing Formation <b>Pictured Cliffs South Blanco</b>		Port	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 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.

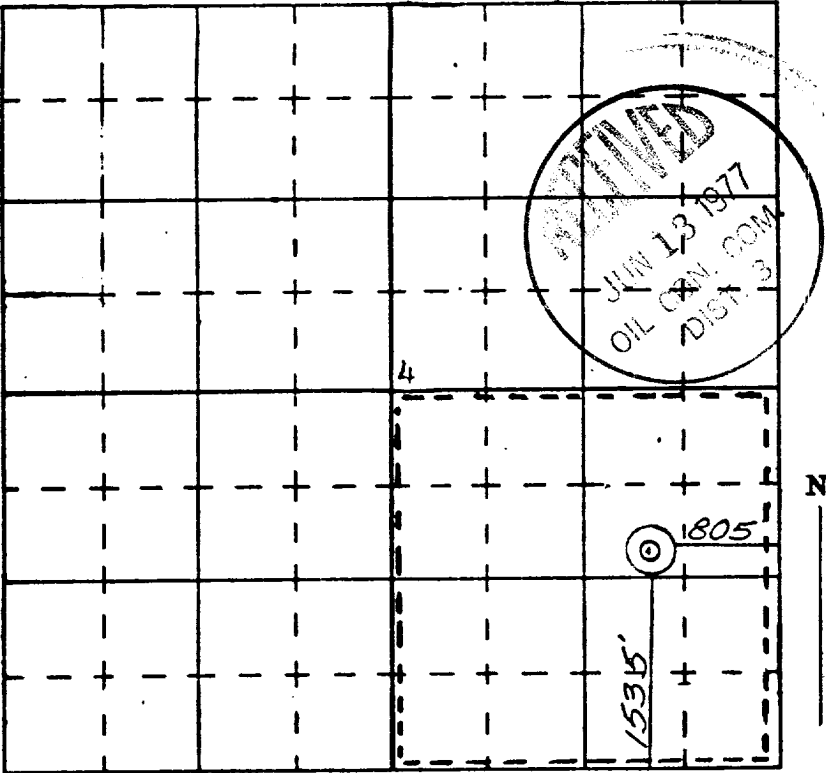
**CERTIFICATION**

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

Name Wm. A. Butterfield  
 Position ADMIN. SUPV.  
 Company CONTINENTAL OIL CO.  
 Date 3-17-77

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.

16 February 1977  
 Date Surveyed  
James P. Leese  
 Registered Professional Engineer  
 and/or Land Surveyor **James P. Leese**



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Certificate No.