

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

CONTINENTAL OIL COMPANY

## 3. ADDRESS OF OPERATOR

P. O. Box 460, Hobbs, N.M. 88240

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

C 1150' FNL and 1545' FNL

At proposed prod. zone

same

## 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 drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 16. NO. OF ACRES IN LEASE

2563.60

## 19. PROPOSED DEPTH

6190'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

W/320

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

7207' GL

## 22. APPROX. DATE WORK WILL START\*

April 19, 1979

## 23. PROPOSED CASING AND CEMENTING PROGRAM

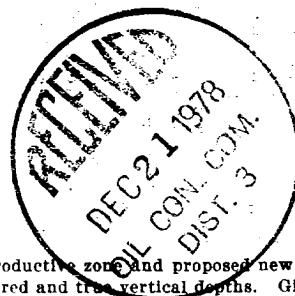
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36#	250'	1155x
8 3/4"	7"	23#	4350'	3805x
6 1/4"	4 1/2"	10.5#	6190'	208x

IT IS PROPOSED TO DRILL A STRAIGHT HOLE TO A TD OF 6190' AND COMPLETE  
AS A MESAVERDE GAS WELL.

SEE ATTACHMENT FOR 10 POINT WELL PLAN incl. FORMATION TOPS, MUD PROGRAM,  
B.O.P. ETC.

SEE ATTACHED FOR 13 POINT SURFACE LBS PLAN.

ACREAGE 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

TITLE

Administrative Supervisor

DATE

12-14-78

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

4565 - DURANGO 6

BEA

NLL

GAS CO. OF N.M.

RELEASE FOLDER

- 11 -

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY

DEC 19 1978

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107  
Supersedes O-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

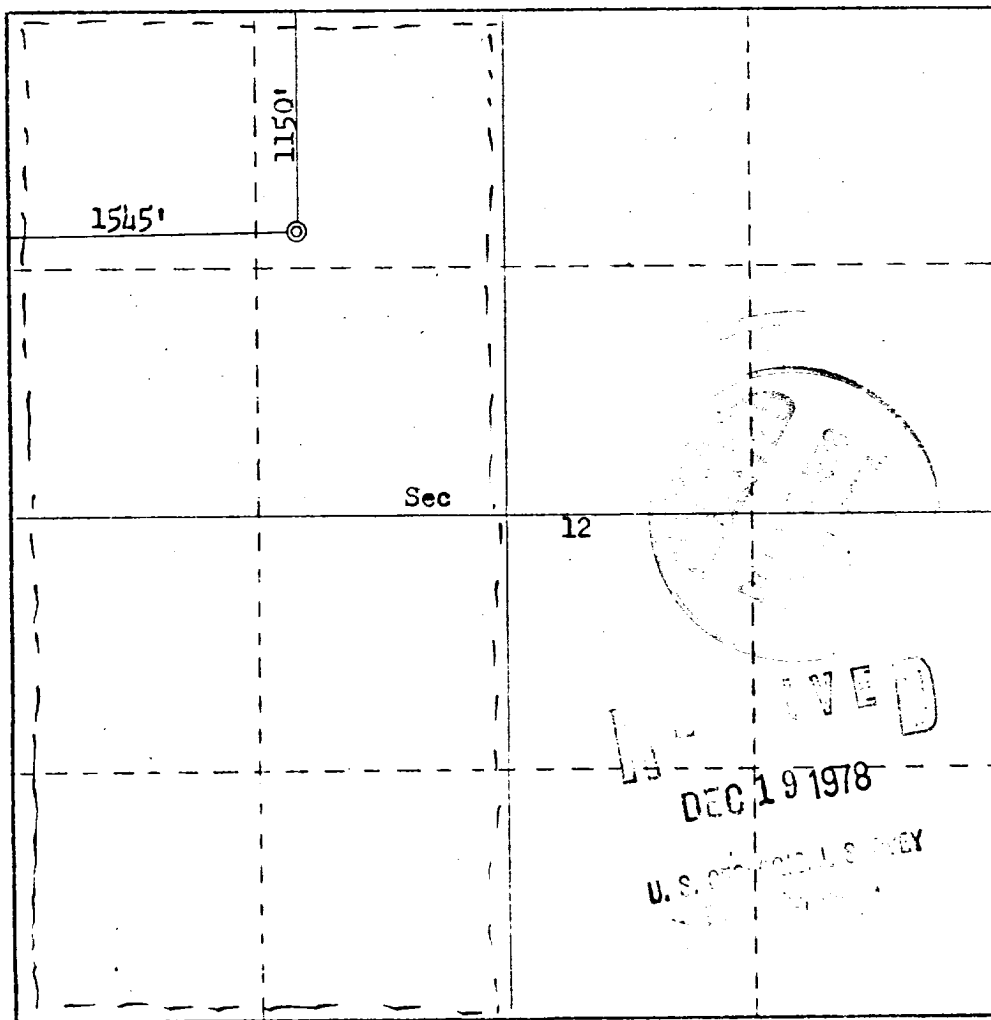
Operator <b>CONTINENTAL OIL COMPANY</b>			Location <b>AXI APACHE "N"</b>		Well No. <b>1816A</b>
Tract Letter <b>C</b>	Section <b>12</b>	Township <b>25N</b>	Range <b>4W</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well:					
<b>1150</b> feet from the <b>North</b> line and		<b>1545</b> feet from the <b>West</b> line			
Ground Level Elev. <b>7207</b>	Producing Formation <b>Mesa Verde</b>	Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage <b>320</b>		

- 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 \_\_\_\_\_

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. Butterfield*  
Position  
**ADMINISTRATIVE SUPERVISOR**  
Company  
**Continental Oil Co.**  
Date  
**12-14-78**

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  
**August 22, 1978**  
Registered Professional Surveyor and or Licensed Under  
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**  
County  
**3950**

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

ATTACHMENT TO FORM 9-331 C  
APPLICATION FOR PERMIT TO DRILL

Continental Oil Company  
AXI Apache J No. 33 and AXI Apache N Nos. 16, 16A, 17  
T-25N, R-4W

1. The geologic name of the surface formation is Quaternary Sand.
2. The estimated tops of important geologic markers are shown on the attached Proposed Well Plan.
3. The estimated depths at which anticipated water, oil, gas or other mineral-bearing formations to be encountered are shown on attached Proposed Well Plan.
4. The proposed casing program is shown on the attached Proposed Well Plan.
5. A drawing of an API Series 900 Blowout Preventer Specification is attached. Pipe rams and blinds will be checked to 1,000 PSI for 30 minutes when BOP is installed. BOP will be checked when casing string is set and operated daily for checks.
6. The proposed mud program is outlined on the attached Proposed Well Plan.
7. The auxiliary equipment to be used is:
  - (1) kelly cocks
  - (2) floats at the bit
8. It is proposed to run SP-IES, and GR, CAL, CNL, FDC, PDC logs at selected intervals, as shown on the attached Proposed Well Plan.
9. No abnormal pressures or temperatures are expected to be encountered in this well.
10. The anticipated starting date for the first well is April 1, 1979, with a duration date of approximately 14 days for each well.

PEB:skr

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