

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 3312, Durango, Colorado

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

At surface

990' FSL, 1027' FWL

At proposed prod. zone

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

50 miles Southeast

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

990'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2061'

16. NO. OF ACRES IN LEASE

1440

19. PROPOSED DEPTH

6200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320-Mesaverte

160-Pictured Cliffs

20. ROTARY OR CABLE TOOLS

Rotary

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

7119' GR

22. APPROX. DATE WORK WILL START*

6-26-65

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"	24#	200'	150 sacks neat
6 3/4"	4 1/2"	11.6# & 10.5#	6200'	250 sacks neat

We propose to drill the subject well to an approximate depth of 6200' and further develop the Pictured Cliffs and Mesaverte reservoirs. 8 5/8" surface casing will be run and cemented to surface. If commercial production is encountered, 4 1/2" casing will be set as indicated and the well will be dually completed.

Production casing will be cemented through the shoe with neat with gilsonite additive to cover Mesa-verde Formation. Estimated cement top 4900'. The Pictured Cliffs zone will be cemented through a stage collar with 100 sacks neat with gilsonite added. Estimated cement interval 3900'-3500'.

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.

Original Signed By:

SIGNED

H. D. HALEY

TITLE

District Manager

DATE

6-23-65

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS(4) MDDCC(2) DRS Humble So. Union MDM

5. LEASE DESIGNATION AND SERIAL NO.

151

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AZI Apache "K"

9. WELL NO.

4

10. FIELD AND POOL OR WILDCAT

No. Blanco Pictured Cliffs
Blanco Mesaverte11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 3, T26N, R3W MPM

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

RECEIVED
JUN 28 1965
U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.RECEIVED
JUN 25 1965
U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.RECEIVED
JUL 1 1965
U.S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

Form C-102
Supersedes C-128
Effective 1-1-65

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

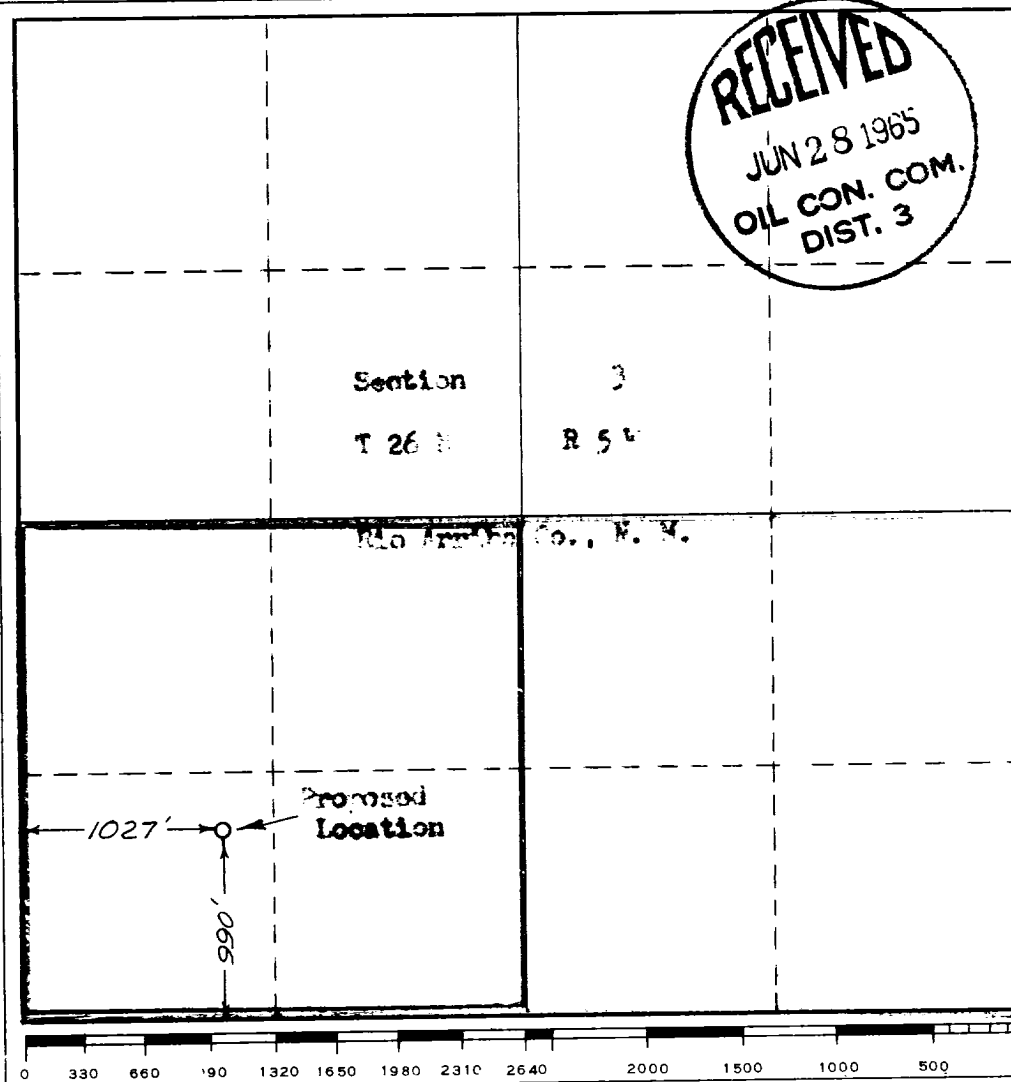
Operator Continental Oil Company			Lease AXI Apache "K"		Well No. 4
Unit Letter M	Section 3	Township 26N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 990 feet from the South line and 1027 feet from the West line					
Ground Level Elev. 7119'	Producing Formation Pictured Cliffs Manoverde		Pool So. Blanco Pictured Cliffs Blanco Manoverde		Dedicated Acreage: 160 - PC (Red) 320 - MV (Blue) 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.

Name **ORIGINAL SIGNED BY:**
H. D. HALEY

Position **District Manager**

Company **Continental Oil Company**

Date **6-23-65**

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
JUN 2, 1965

Registered Professional Engineer
and/or Land Surveyor

Indurich H. Reed

Certificate No.
N. M. 1 3095