

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' FNL, 890' FNL

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)

4400'

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

3500'

16. NO. OF ACRES IN LEASE

2360

19. PROPOSED DEPTH

3875'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

7216' GR, ungraded

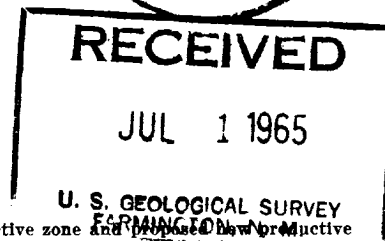
22. APPROX. DATE WORK WILL START*

7-5-65

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'	190 sacks cement
6 3/4"	4 1/2"	10.5#	3875'	175 sacks cement

We propose to drill the subject well to an estimated TD of 3875' to further develop the Pictured Cliffs gas reservoir and thus increase gas production. 8 5/8" casing will be run and cemented to the surface. If commercial production is encountered, we will run a string of production casing and complete the well by perforating and fracturing.



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

6-30-65

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS(4) WADCC(2) DRB Hamble S.U.G. MDH

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

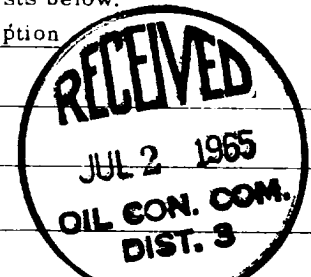
Section A.

Date **June 30, 1965**

Operator **CONTINENTAL OIL COMPANY** Lease **AXI Apache "N" Lease**
 Well No. **4** Unit Letter **D** Section **12** Township **25 North** Range **4 West** NMPM
 Located **990** Feet From **North** Line, **890** Feet From **West** Line
 County **Rio Arriba** G. L. Elevation **7216' ungraded** Dedicated Acreage **180** Acres
 Name of Producing Formation **Pictured Cliffs** Pool **So. Slope Pictured Cliffs**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

OwnerLand Description



Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information
 in Section A above is true and complete
 to the best of my knowledge and belief.

Continental Oil Company

(Operator)

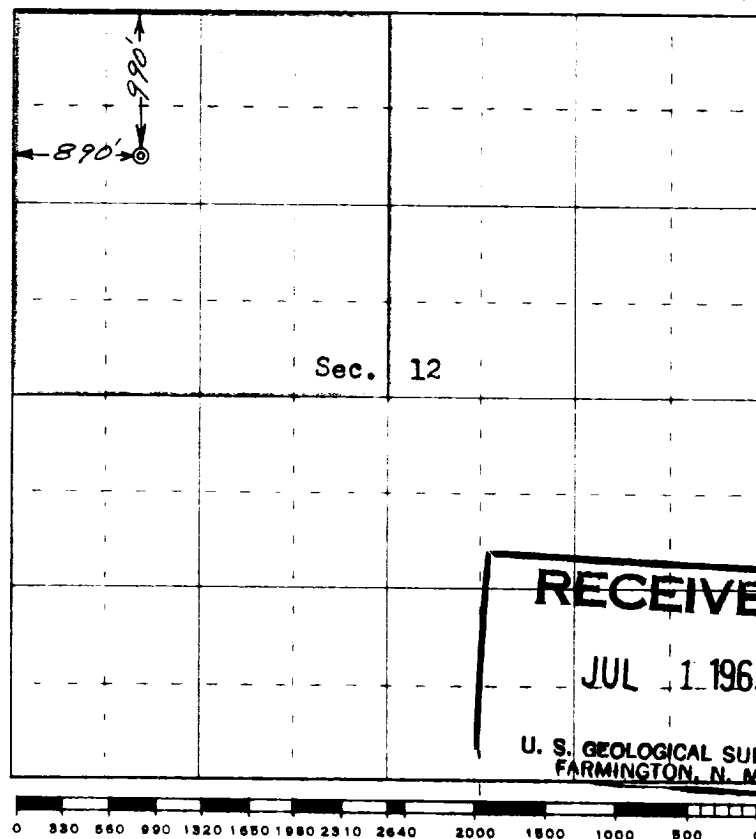
(Representative)

P. G. Don XII

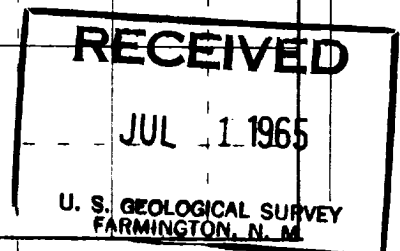
(Address)

Durango, Colorado

Sec. 12



Scale 4 inches equal 1 mile



This is to certify that the above plat was prepared from field notes of actual surveys
 made by me or under my supervision and that the same are true and correct to the best
 of my knowledge and belief.

(Seal)

Date Surveyed **21 June 1965****Ernst Engineering Co.****Registered Professional Engineer and/or Land Surveyor**