

**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
Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
2700 Huabie Building, Travis at Ball, Houston, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
1190' from East line & 1040' from South line of Sec. 10, T-27-N R-9-W
 At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
20 miles NE of Bloomfield

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) **1040**

16. NO. OF ACRES IN LEASE **640**

17. NO. OF ACRES ASSIGNED TO THIS WELL **320**

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **200'**

19. PROPOSED DEPTH **7000**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6049 ft.

22. APPROX. DATE WORK WILL START*
November 23, 1964

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jeanie Bunney et al (Mesa)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Dakota

9. WELL NO.
1-10

10. FIELD AND POOL, OR WILDCAT
Basin-Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
10 T-27-N R-9-W

12. COUNTY OR PARISH 13. STATE
San Juan New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	8-5/8	28	325	250 sacks cement
7-7/8	4-1/2	10.5	7000	240 sacks

2 - 4 1/2" Series 600

This well is to be known as the Dakota (644) 1-10 and is to be drilled approximately 7000'. This will be a Dakota Gas Test. There is a possibility also that the Mesa Verde formation may be productive. The surface casing is to be an 8-5/8" OD and set at 325' and cemented full length with approximately 250 sacks of cement. Production casing will be 4 1/2" OD and set through the lower most productive sand with quantity of cement to be determined from depth of sands to be protected. A stage cementing tool will be set 50' below the base of the Pictured Cliff formation and a equal cement will be used to bring cement up to at least 50' above top of the Pictured Cliff formation. Also if the Mesa Verde formation is found to be productive, this procedure will be followed. The well will be drilled with water to about 4,000' after which mud will be used to a total depth.

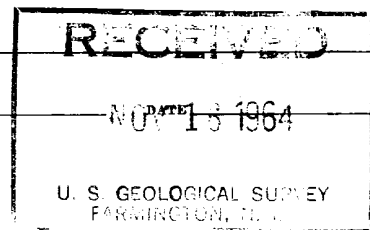
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Roy Copeland TITLE Drilling & Production Supt. DATE November 13, 1964

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:



*See Instructions On Reverse Side

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.

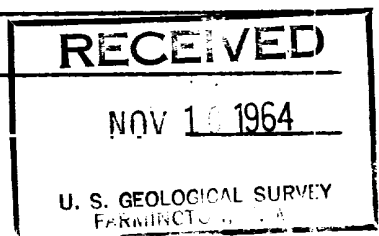
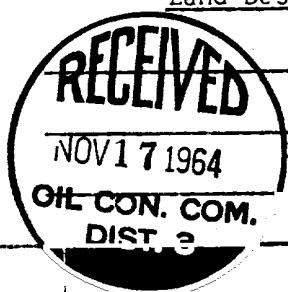
Date November 13, 1964

Operator AUSTRAL OIL CO. INC. Lease DAKOTA (6443)
Well No. 1-10 Unit Letter P Section 10 Township 27 N Range 9 W MMPM
Located 1040 Feet From south Line, 1190 Feet From east Line
County San Juan G. L. Elevation 6057 6049 Dedicated Acreage 5 1/2 (320) Acres
Name of Producing Formation Dakota Pool Basin

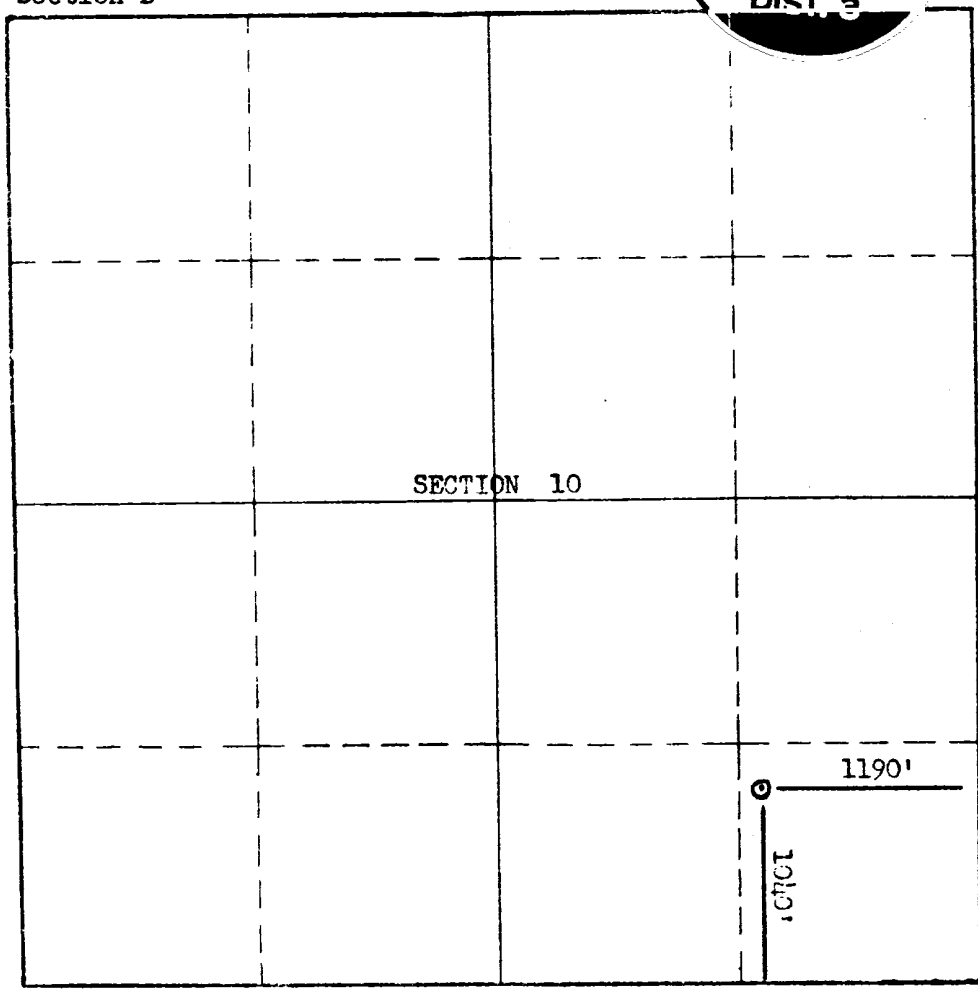
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the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

Owner

Land Description



Section B

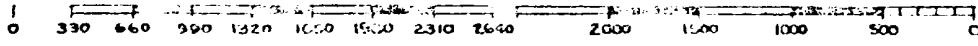


This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Austral Oil Co. Inc.
(Operator)
C. R. Goff
C. R. Goff
(Representative)
300 San Jacinto Bldg.
Houston, Texas 77002
Address

This is to certify that the well location shown on the plat in Section B 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 Nov. 9, 1964.

Stephen H. Kinney
STEPHEN H. KINNEY
Registered Professional
Engineer and/or Land Surveyor.



(See instructions for completing this form on the reverse side)

Certificate No. 803