

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

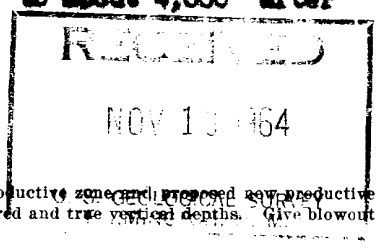
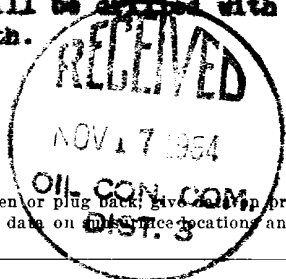
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Jeanie Binney et al (Navajo)</b>		
2. NAME OF OPERATOR <b>Austral Oil Company Incorporated</b>			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR <b>2700 Humble Building, Travis at Bell, Houston, Texas</b>			8. FARM OR LEASE NAME <b>Dakota</b>		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>1050' from east line &amp; 1090' from south line of Sec. 11, T-27-N, R-3-W</b> At present prod. zone			9. WELL NO. <b>1-11</b>		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>20 miles SE of Moorfield</b>			10. FIELD AND POOL, OR WILDCAT <b>Basin-Dakota</b>		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) <b>1050</b>		16. NO. OF ACRES IN LEASE <b>640</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>30</b>	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>200'</b>		19. PROPOSED DEPTH <b>7000</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>600' L.</b>				22. APPROX. DATE WORK WILL START* <b>December 10, 1964</b>	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>12 1/2</b>	<b>8-5/8</b>	<b>20</b>	<b>325</b>	<b>250 sacks cement</b>
<b>7-7/8</b>	<b>4-1/2</b>	<b>15.5</b>	<b>700</b>	<b>240 sacks</b>

2 - 4 1/2" Series 600

This well is to be known as the Dakota (6443) 21-11 and is to be drilled to approximately 7,000'. This will be a Dakota Gas Test. The surface casing is to be a 8-5/8" O.D. and set at 325' and cemented full length with approximately 250 sacks of cement. Production casing will be 4 1/2" O.D. 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 adequate cement will be used to bring cement up to at least 50' above top of the Pictured Cliff formation. 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 depth in present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on proposed location and measured and true vertical depths. Give blowout preventer program, if any.

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

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature]      TITLE \_\_\_\_\_      DATE \_\_\_\_\_

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 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

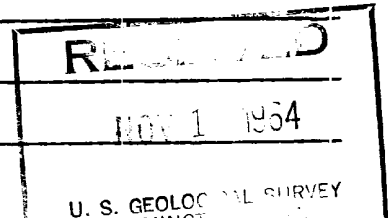
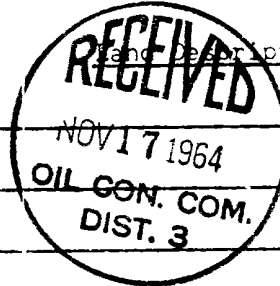
Section A.

Date November 13, 1964

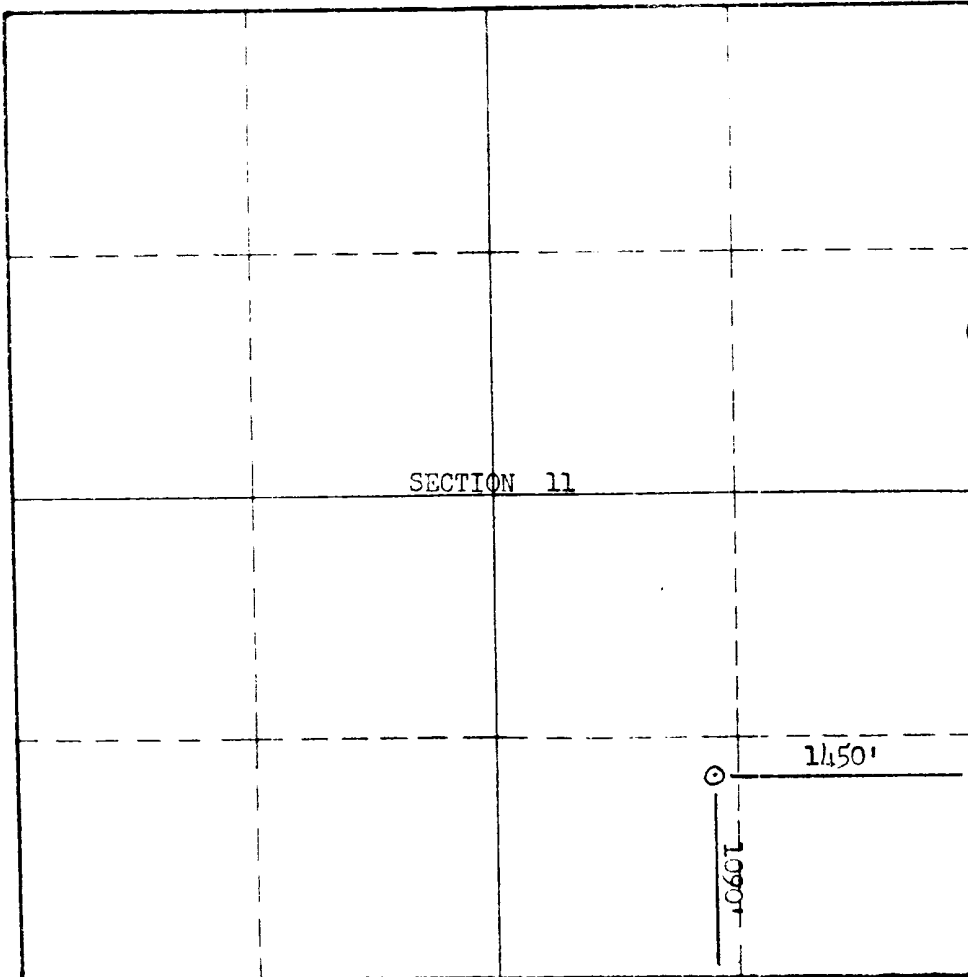
Operator AUSTRAL OIL CO. INC. Lease DAKOTA (6443)  
Well No. 1-11 Unit Letter Q Section 11 Township 27 N Range 9 W N.M.P.M.  
located 1090 Feet From south Line, 1450 Feet From east Line  
County San Juan G. L. Elevation 6003 Dedicated Acreage 5 1/2 (320) Acres  
Name of Producing Formation Dakota Pool 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



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. H. Giffin

(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. 13, 1964.

Stephen H. Kinney  
STEPHEN H. KINNEY

Registered Professional  
Engineer and/or Land Surveyor.

Certificate No. 803

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

