

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 078384	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Austral Oil Company Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 2700 Audible Bldg., Houston, Texas 77002		8. FARM OR LEASE NAME Star	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1120' fs1 1190' fs1		9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 27 miles S.E. Bloomfield, N. M.		10. FIELD AND POOL, OR WILDCAT Ballard P. C.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1120'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T26N, R24E NMPM	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE N. M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 412'		14. PROPOSED DEPTH 2300'	
19. ROTARY OR CABLE TOOLS Rotary		20. APPROX. DATE WORK WILL START* 3/11/71	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6146' Gr.		22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	7 5/8"	26.40#	120'	75 sx.
6 3/4"	4 1/2"	10.5#	2300'	300 sx.

A 9 7/8" hole will be drilled to approximately 120' where 7 5/8" surface pipe will be set and cemented to surface.

A 6 3/4" hole will then be drilled to approximately 2300' to test the Ballard Pictured Cliffs formation. If commercial production is indicated, from Electrical logs - 4 1/2" casing will be set and cemented to surface with 300 sx.

The Pictured Cliffs zone will then be perforated, sand water fractured and the well tested.

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 Original signed by J. A. Dugan TITLE Engineer DATE 3/10/71

(This space for Federal or State office use)

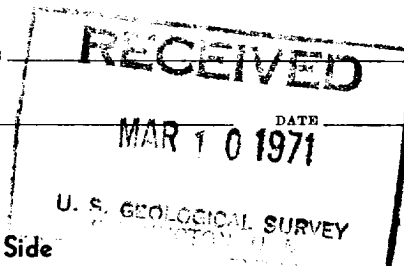
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Okal

*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 ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator: **AUSTRAL OIL COMPANY** Lease: **Star** Well No: **1**

Unit Letter: **P** Section: **6** Township: **26 NORTH** Range: **8 WEST** County: **SAN JUAN**

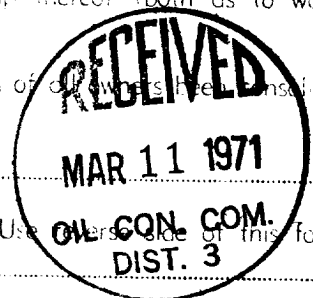
Actual Well Location of Well: **1190** feet from **SOUTH** **1120** feet from the **EAST**

Ground Level Elev: **6148.0** **Pictured Cliffs** **Ballard** Deducted Acreage: **160** Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and indicate 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 the 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 consolidated. (Use reverse side of this form if necessary.) _____
- No allowable well 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.

Original signed by
Jim L. Jacobs

Name: _____

Position: **Agent**

Company: **Austral Oil Co., Inc.**

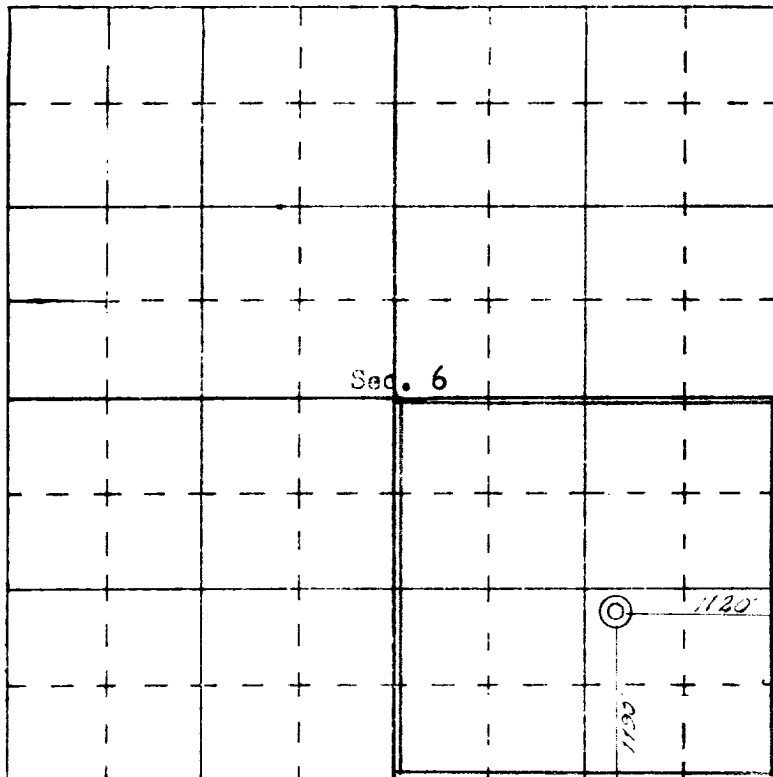
Date: **3/10/71**

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.

9 March, 1971
Date Surveyed
James P. Leese
Registered Professional Engineer
and/or Land Surveyor
JAMES P. LEESE

1463

Certificate No. _____



SCALE—4 INCHES EQUALS 1 MILE