

CORRECTED REPORTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-B355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME USA NM OIL	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		8. FARM OR LEASE NAME HERNANDEZ CON. CO.	
2. NAME OF OPERATOR Austral Oil Company Incorporated		9. WELL NO. 10	
3. ADDRESS OF OPERATOR 2700 Humble Building, Houston, Texas 77002		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 1450' from the West line and 890' from the South line of Section 21. At top prod. interval reported below ----- At total depth -----		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T-27-N, R-9-W	
14. PERMIT NO. -----		DATE ISSUED 1-21-66	
15. DATE SPUNDED 2-18-66		16. DATE T.D. REACHED 2-25-66	
17. DATE COMPL. (Ready to prod.) 3-7-66		18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 6248' GL, 6262' KB	
19. ELEV. CASING HEAD 6248'		20. TOTAL DEPTH, MD & TVD 6852'	
21. PLUG, BACK T.D., MD & TVD -----		22. IF MULTIPLE COMPL., 5th 10'	
23. INTERVALS DRILLED BY -----		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros-Dakota 6520-6704'	
25. WAS DIRECTIONAL SURVEY MADE Austral prepared		26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric; Density and Collar Logs	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number): 6520-6524', 6530-6536', 6584-6612', 6654-6664', 6668-6673', 6679-6685', 6694-6704' (HS). All 2 Jets/Ft.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6520-6704' AMOUNT AND KIND OF MATERIAL USED 1500 gals. HCA acid 60,000 20-40 Sand 70,000 gals. water 40 tons G₂	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented	
35. LIST OF ATTACHMENTS Induction Electric Log, Inclination Report (Austral prepared)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED Ray Copeland		TITLE Drilling & Production Supt. DATE 4-19-66	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency 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. See Instructions on items 22 and 24, and 23, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 19: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES							
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2100'	2134'	Possibly Gas Productive	Pictured Cliffs	2100'		
Point Lookout	4455'	4535'	Non-Productive	Cliff House	3688'		
Gallup	5616'	5980'	Non-Productive	Manefee	3797'		
Grangeros	6500'		Gas	Point Lookout	4455'		
Dakota		6806'	Gas	Mancos	4585'		
				Gallup	5616'		
				Greenhorn	6418'		
				Grangeros	6500'		
				Dakota	6583'		
				Morrison	6806'		