

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions
on reverse side)Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ BR ☐ Other _____		DESIGNATION AND SERIAL NO. SP 078357																																				
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DEEP. RESVR. ☐ Other _____		6. INDIAN, ALLOTTEE OR TRIBE NAME _____																																				
2. NAME OF OPERATOR Austral Oil Company Incorporated		7. LEASE AGREEMENT NAME _____																																				
3. ADDRESS OF OPERATOR 300 San Jacinto Bldg. Houston, Texas 77002		8. LEASE OR LEASE NAME Marshall																																				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1450' from N. line and 1500' from west line of Section 14, T-24-N, R-9-W, Unit letter F. At top prod. interval reported below Unknown At total depth Unknown		9. WELL NO. 1-14																																				
14. PERMIT NO. _____ DATE ISSUED 9/38/64 Verbal		10. FIELD AND POOL OR SUBCATE Basin-Dakota																																				
15. DATE SPED. DRILL. 10/1/64 16. DATE T.D. REACHED 10/13/64 17. DATE COMPL. (Ready to prod.) 10/20/64		11. COUNTY OR STATE San Juan, N. Mex.																																				
18. ELEVATIONS (Feet) RECORDED 6213 GL; 6223.38 KB		12. ELEV. OF SURFACE 6213																																				
20. TOTAL DEPTH, MD & TVD 6915 21. PLUG, BACK T.D., MD & TVD 6887 6886.13 22. IF MULTIPLE COMPLET. HOW MANY* Single		23. INTERV. DRILLING 6915'																																				
24. PRODUCING INTERVALS OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 6575-6878 • 6574.22-6877.13		25. WAS DIRECTIONAL SURVEY MADE No.																																				
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electric; Acoustic Velocity; Gamma-Collar		27. WAS WELL CORED No.																																				
28. CASING RECORD (Report all strings set in well)																																						
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31. PERFORATION SPECS (Interval, size and number) 6574-6595; 6644-6678; 6708-6726; 6730-6745; 6744-6756 & 6769-6788 All 2 Jets/ft 3/8" holes																																						
32. ACID, SHOT PERFORATION, CEMENT SQUEEZE, ETC. INTERVAL (MD) 6574-6788 20,000# Sand 47,000 Gals water 20 tons Co₂																																						
33. PRODUCTION DATE FIRST PRODUCTION 10/21/64 PRODUCTION METHOD (Include gas lift, pumping—size and type of pump) DATE OF TEST 10/21/64 HOURS TESTED 9 CHOKER SIZE Open PROD. FOR TEST PERIOD FLOW. TUBING PRESS 510 GAS PRESSURE 720 CALCULATED 24-HOUR RATE 25.2 OIL—BBL. 9.45 GAS—MCF. 581.2 OIL GRAVITY API (CORR.) 51 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY H. L. Saito																																						
35. LIST OF ATTACHMENTS Deviation Report, DV tool report by B. Jackson, Inc., Electric/Acoustic Velocity																																						
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED [Signature] TITLE Drilling & Prod. Supt. DATE 11/4/64																																						

*(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 33, 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 18: 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: 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 RECORDS				38. GEOLOGIC MARKERS			
FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	DEPTH	MEAS. DEPTH				MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliff	2285		2300	Gas	Fruit Land	2,170	
Point Lookout	4500		4600	Gas	Pictured Cliff	2,285	
Callup	5684		6034	Non-Productive	Point Lookout	4,500	
Graneros	6575		6875	Gas	Nancos	4,630	
					Callup	5,684	
					Greenham	6,481	
					Graneros	6,575	
					Pakota	6,645	
					Morrison	6,878	