

CORRECTED REPORT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐		5. LEASE DESIGNATION AND SERIAL NO. USA MM 011391	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. EMER. ☐ Other ☐		6. IF INDIAN, ALLOTTED NAME MAY 5 1966	
2. NAME OF OPERATOR Austral Oil Company Incorporated		7. UNIT AGREEMENT MAY 5 1966	
3. ADDRESS OF OPERATOR 2700 Humble Building, Houston, Texas 77002		8. FIRM OR LEASE MAY 5 1966	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 900' from the North line and 1,190' from the East line of Section 20, T-27-N, R-9-W At top prod. interval reported below At total depth -----		9. WELL NO. 9	
14. PERMIT NO. ----		DATE ISSUED 1-17-66	
15. DATE SPUDDED 1-29-66		16. DATE T.D. REACHED 2-12-66	
17. DATE COMPL. (Ready to prod.) 3-6-66		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6402' GL, 6416' KB	
20. TOTAL DEPTH, MD & TVD 7044'		21. PLUG, BACK T.D., MD & TVD -----	
22. IF MULTIPLE COMPL., HOW MANY? Single		23. INTERVALS DRILLED BY -----	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros-Dakota 6714-6885'		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)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	240	339.56'	12-1/4"
4-1/2"	10.50	7,044.87'	7-7/8"
			CEMENTING RECORD
			250 sacks
			106 sacks thru shoe
			120 sks. thru DV tool 64786' None
			120 sks. thru DV tool 62438' None
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	6611'	None	
31. PERFORATION RECORD (Interval, size and number)			
6714-6718', 6724-6728', 6777-6794', 6802-6816', 6854-6858', 6870-6874', 6879-6885' (ES).			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
6714-6885'	1500 gals. MCA acid		
	100 Sealer Balls		
	60,000# 20-40 Sand		
	70,000 Gals. water; 40 tons CO ₂		
33. PRODUCTION			
DATE FIRST PRODUCTION 3-6-66	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) S.I.
DATE OF TEST 3-6-66	HOURS TESTED 3	CHOKE SIZE ---	PROD'N. FOR TEST PERIOD -----
FLOW. TUBING PRESS. 520#	CASING PRESSURE 7150	CALCULATED 24-HOUR RATE -----	OIL—BBL. 18
			GAS—MCF. 1,160
			WATER—BBL. 36 (Free)
			GAS-OIL RATIO 72.300
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 Roy C. Land		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 33 below regarding separate reports for separate completions.

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.

should be listed on this form, see item 5b.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Contact local State or Federal office for specific instructions.

of Federal oil and gas lease operations. The following instructions apply to the completion of this form and to the submission of the form to the Bureau of Land Management.

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. For each additional interval to be separately produced, showing the additional data pertinent to such interval. (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 RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2253'	2326'	Non-Productive		Pictured Cliffs	2253'	
Point Lookout	4595'	4713'	Non-Productive		Cliff House	3980'	
Gallup	5794'	6155'	Non-Productive		Mesafee	3972'	
Graneros	6607'		Gas		Point Lookout	4595'	
Dakota		6970'	Gas		Mancos	4713'	
					Gallup	5794'	
					Greenhorn	6607'	
					Graneros	6686'	
					Dakota	6773'	
					Morrison	6970'	