

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☒	DRY ☐	Other _____										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____								
2. NAME OF OPERATOR						3. ADDRESS OF OPERATOR									
Austral Oil Company Incorporated						2700 Humble Building, Houston, Texas 77002									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						5. GEOLOGICAL SURVEY									
At surface 1450' from the West line and 890' from the South line of Section 21.						Basin Dakota									
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
At total depth						Sec. 21, T-27-N, R-9-N									
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH		13. STATE							
----				1-21-66		San Juan		New Mexico							
15. DATE SPUNDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
2-15-66		2-25-66		3-7-66		6248' GL, 6262' KB		6248'							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS							
6852'		----		Single		----->		6852'							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE		Austral prepared							
Graneros-Dakota 6520-6704'															
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED									
Induction-Electric; Density and Collar Logs						No									
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
8-5/8"		24#		336.56'		12-1/4"		250 sacks		None					
4-1/2"		10.5#		6,852.00'		7-7/8"		306 sacks thru shoe		None					
								120 sks. thru DV tool @ 4858'		None					
								150 sks. thru DV tool @ 2318'		None					
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
None										2-3/8"		6517'		None	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
6520-6524', 6530-6536', 6584-6612', 6654-6664', 6668-6673', 6679-6685', 6694-6704' (ES). All 2 Jets/Ft.										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										6520-6704'		1500 gals. MCA acid			
												60,000# 20-40 Sand			
												70,000 gals. water			
												40 tons CO ₂			
33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
3-7-66		Flowing						S.I.							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
3-7-66		3		--		----->		19		1,615		6 (Frac)		85,000/1	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
500#		770#		----->		152		12,919		42 (Frac)		52.9°			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY			
Vented												Miles Reynolds, Jr.			
35. LIST OF ATTACHMENTS															
Induction Electric Log, Inclination Reports (Austral prepared)															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED		TITLE						DATE							
Roy Copeland		Drilling & Production Supt.						3-14-66							

* (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 38, 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.) formations 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 RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Pictured Cliffs	2100'	2134'	Possibly Gas Productive	Pictured Cliffs	2100'	
Point Lookout	4455'	4585'	Non-Productive	Cliff House	3688'	
Gallup	5616'	5980'	Non-Productive	Menefee	3797'	
Graneros	6500'		Gas	Point Lookout	4455'	
Dakota		6806'	Gas	Mancos	4585'	
				Gallup	5616'	
				Greenhorn	6418'	
				Graneros	6500'	
				Dakota	6583'	
				Morrison	6806'	