

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: <u>Austral Oil Company, Incorporated</u>																																							
3. ADDRESS OF OPERATOR: <u>2708 Marble Building, Houston, Texas 77002</u>																																							
4. LOCATION OF WELL: Report location clearly and in accordance with any State requirements. At surface: <u>1450' from South line and 1450' from East line of Section 12, Unit J, Section 12, T-27-N, R-9-W.</u> At top prod. interval reported below: <u>Unknown</u> At total depth: <u>Unknown</u>																																							
14. PERMIT NO. _____ DATE ISSUED <u>1-15-64</u>																																							
15. DATE SPUNDED <u>3-4-65</u> 16. DATE T.D. REACHED <u>3-17-65</u> 17. DATE COMPL. (Ready to prod.) <u>3-22-65</u> 18. ELEVATIONS (DF, RNE, RT, GR, ETC.) <u>5839' OL; 5851' SH</u> 19. ELEV. Casinghead <u>5831'</u>																																							
20. TOTAL DEPTH, MD & TVL <u>6659'</u> 21. PLUG, BACK T.D., MD & TVL <u>6592'</u> 22. IF MULTIPLE COMPL., HOW MANY? <u>single</u> 23. INTERVALS DRILLED BY: ROTARY TOOLS <u>6659'</u> CABLE TOOLS <u>None</u>																																							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) <u>Graneros-Dakota 6354' 6589'</u>																																							
25. WAS DIRECTIONAL SURVEY MADE <u>None</u>																																							
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Induction Electric and Acoustic Velocity</u>																																							
27. WAS WELL CORED <u>No</u>																																							
28. CASING RECORD (Report all strings set in well) <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8 5/8"</td><td>240</td><td>335'</td><td>12 1/4"</td><td>275 sacks</td></tr><tr><td>4 1/2"</td><td>10.5#</td><td>6658'</td><td>7 7/8"</td><td>386 sacks thru shoe</td></tr><tr><td></td><td></td><td></td><td></td><td>120 sacks thru PV tool</td></tr><tr><td></td><td></td><td></td><td></td><td>150 sacks thru PV tool</td></tr></tbody></table>										CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	8 5/8"	240	335'	12 1/4"	275 sacks	4 1/2"	10.5#	6658'	7 7/8"	386 sacks thru shoe					120 sacks thru PV tool					150 sacks thru PV tool					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED																																			
8 5/8"	240	335'	12 1/4"	275 sacks																																			
4 1/2"	10.5#	6658'	7 7/8"	386 sacks thru shoe																																			
				120 sacks thru PV tool																																			
				150 sacks thru PV tool																																			
29. LINER RECORD <table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>None</td><td></td><td></td><td></td><td></td><td>1 1/4"</td><td>6331'</td><td>None</td></tr></tbody></table>										SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	None					1 1/4"	6331'	None														
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)																																
None					1 1/4"	6331'	None																																
30. TUBING RECORD <table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>1 1/4"</td><td>6331'</td><td>None</td></tr></tbody></table>										SIZE	DEPTH SET (MD)	PACKER SET (MD)	1 1/4"	6331'	None																								
SIZE	DEPTH SET (MD)	PACKER SET (MD)																																					
1 1/4"	6331'	None																																					
31. PERFORATION RECORD (Interval, size and number) <u>6354-66', 6572-84', 6431-76', 6400-6502', 6506-14', 6513-25', 6532-40', 6548-53', 6563-80' ES</u> <u>All 2 lots/ft - 3/8" holes.</u>																																							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td><u>6354-6580'</u></td><td><u>100,000 Gals water</u></td></tr><tr><td></td><td><u>100,000# 20-40 Sand</u></td></tr><tr><td></td><td><u>40 tons Gr</u></td></tr><tr><td></td><td><u>300 gals X-15 Acid; 500# Catl;</u></td></tr></tbody></table>										DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	<u>6354-6580'</u>	<u>100,000 Gals water</u>		<u>100,000# 20-40 Sand</u>		<u>40 tons Gr</u>		<u>300 gals X-15 Acid; 500# Catl;</u>																				
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																						
<u>6354-6580'</u>	<u>100,000 Gals water</u>																																						
	<u>100,000# 20-40 Sand</u>																																						
	<u>40 tons Gr</u>																																						
	<u>300 gals X-15 Acid; 500# Catl;</u>																																						
33. PRODUCTION DATE FIRST PRODUCTION <u>3-24-65</u> PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u> <table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td><u>3-24-65</u></td><td><u>3</u></td><td><u>open</u></td><td><u>→</u></td><td><u>1.8</u></td><td><u>197</u></td><td><u>None</u></td><td><u>103:1</u></td></tr></tbody></table> <table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY API (CORR.)</th></tr></thead><tbody><tr><td><u>52.4#</u></td><td><u>214.4#</u></td><td><u>→</u></td><td><u>14</u></td><td><u>1580</u></td><td><u>None</u></td><td><u>53.4</u></td></tr></tbody></table>										DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	<u>3-24-65</u>	<u>3</u>	<u>open</u>	<u>→</u>	<u>1.8</u>	<u>197</u>	<u>None</u>	<u>103:1</u>	FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)	<u>52.4#</u>	<u>214.4#</u>	<u>→</u>	<u>14</u>	<u>1580</u>	<u>None</u>	<u>53.4</u>
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																																
<u>3-24-65</u>	<u>3</u>	<u>open</u>	<u>→</u>	<u>1.8</u>	<u>197</u>	<u>None</u>	<u>103:1</u>																																
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (CORR.)																																	
<u>52.4#</u>	<u>214.4#</u>	<u>→</u>	<u>14</u>	<u>1580</u>	<u>None</u>	<u>53.4</u>																																	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Vented</u>																																							
35. LIST OF ATTACHMENTS: <u>2nd Hargraves</u>																																							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																							
SIGNED <u>C. E. Coff's</u> TITLE <u>Dr. Petroleum Engineer</u> DATE <u>April 7, 1965</u>																																							

*(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 RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Picture Cliffs	2020	2060	Gas	Fruitland	1955	
Point Lookout	4304	4375	Gas	Picture Cliffs	2020	
Callup	5470	5815	Non-Productive	Point Lookout	4304	
Graneros	6352			Graneros	4440	
Badota		6615	Gas - Condensate	Callup	5470	
				Greenhorn	6250	
				Graneros	6352	
				Badota	6427	
				Garrison	6630	