

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other 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 DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

2. NAME OF OPERATOR
Austral Oil Company Incorporated

3. ADDRESS OF OPERATOR
2700 Humble Building, Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1190' from North line and 1190' from East line of Section 17, T-27-N, R-9-W**
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
1-7-66

15. DATE SPUNDED **1-13-66** 16. DATE T.D. REACHED **1-26-66** 17. DATE COMPL. (Ready to prod.) **3-2-66** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **6338' GL; 6352' KB** 19. ELEV. CASINGHEAD **6338'**

20. TOTAL DEPTH, MD & TVD **6965'** 21. PLUG, BACK T.D., MD & TVD **6964'** 22. IF MULTIPLE COMPL., HOW MANY? **Single** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **6965'** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Graneros-Dakota 6664-6834'

25. WAS DIRECTIONAL SURVEY MADE
Austral Prepared

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction-Electric; Density and Collar Logs

27. WAS WELL COBED
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#	292.11'	12-1/4"	250 sacks	None
4-1/2"	10.5#	6,963.56'	7-7/8"	306 sks thru shoe	None
				120 sks, thru DV tool #4735'	None
				150 sks, thru DV tool #2409'	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6642'	None

31. PERFORATION RECORD (Interval, size and number)

6664-6672', 6724-6736', 6744-6756', 6804-6810', 6818-6823', 6828-6834' (ES)

All 2 Jts/Ft/

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6664-6834'	60,000# 20-40 sand
	80,460 gals. water
	80 tons CO ₂
	500 gals. HCA acid

33.* PRODUCTION

DATE FIRST PRODUCTION **3-2-66** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **S.I.**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-2-66	3	--	→	19	750	Frac	39,474

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
495#	720#	→	152	6,000	--	61.4°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Vented**

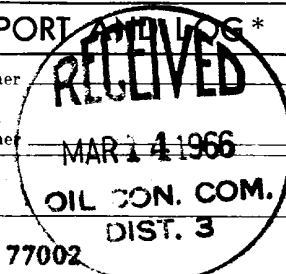
TEST WITNESSED BY **Miles Reynolds**

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 Copeland** TITLE **Drilling & Production Supt.** DATE **2-8-66**

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



MAR 11 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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: "Stage 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2246'	2330'	Non-Productive	Pictured Cliffs	2246'	
Paint Lookout	4573'	4708'	Non-Productive	Cliff House	3864'	
Gallup	5775'	6130'	Non-Productive	Menefee	3943'	
Graneros	6650'	6940'	Gas	Point Lookout	4573'	
Dakota			Gas	Mancos	4708'	
				Gallup	5775'	
				Greenhorn	6565'	
				Graneros	6650'	
				Dakota	6724'	
				Morrison	6940'	

38. GEOLOGIC MARKERS