

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R351.5.

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, Travis at Bell, Houston, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1190' from East line and 1040' from South line of Section 10, T-27-N, R-9-W**
At top prod. interval reported below **Unknown**
At total depth **Unknown**

14. PERMIT NO. _____ DATE ISSUED **11-16-64**

5. LEASE DESIGNATION AND SERIAL NO.

I-149-Ind.-846

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jennie Bunny et al (Navajo)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sunny et al

9. WELL NO.

1-10

10. FIELD AND POOL, OR WILDCAT

Granger Dakota (Granger Dakota)

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 10, T-27-N, R-9-W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUNDED
12-3-64

16. DATE T.D. REACHED
12-14-64

17. DATE COMPL. (Ready to prod.)
12-28-64

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
6049' GL; 6059' KB

19. ELV. CASINGHEAD
6049'

20. TOTAL DEPTH, MD & TVD
6767'

21. PLUG, BACK T.D., MD & TVD
6732'

22. IF MULTIPLE COMPL., HOW MANY?
Dual

23. INTERVALS DRILLED BY
6767'

ROTARY TOOLS
None

CABLE TOOLS
None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Granger-Dakota 6432-6670

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electric; Acoustic Velocity

27. WAS WELL CORED

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#	339	12-1/4	250 Sks.	None
4-1/2	10.5#	6766	7-7/8	240 Sks. thru shoe	
				200 Sks. thru DV tool @ 4578'	
				130 Sks. thru DV tool @ 2245'	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/4	6400	6400

31. PERFORATION RECORD (Interval, size and number)

**6432-50; 6502-27; 6534-40; 6564-72;
6578-84; 6590-6600; 6608-14; 6618-40;
6662-70**

All 2 Jets/FT 3/8" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6432-6670	100,000 Gals. water
	100,000 # Sand
	40 Tons CO ₂

33.* PRODUCTION

DATE FIRST PRODUCTION **1-1-65** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **SI**

DATE OF TEST **1-1-65** HOURS TESTED **8** CHOKER SIZE **Adj.** PROD'N. FOR TEST PERIOD **→** OIL—BBL. **12** GAS—MCF. **732** WATER—BBL. **4** GAS-OIL RATIO **61.000**

FLOW. TUBING PRESS. **550** CASING PRESSURE **→** CALCULATED 24-HOUR RATE **→** OIL—BBL. **28.8** GAS—MCF. **2200** WATER—BBL. **12 (Frac.)** OIL GRAVITY (API) (CORR.)

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

Vented

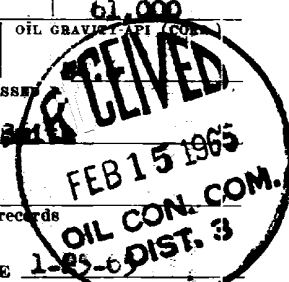
35. LIST OF ATTACHMENTS

DV tool report by B. Jackson, Inc., Electric and 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 & Production Supt.** DATE **1-25-65**



* (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

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		NAME	TOP	
	DEPTH	MEAS.		DEPTH	MEAS.		DEPTH	MEAS.
Picture Cliff	2100		Gas	2125		Fruitland	2025	
Point Lookout	4356		Gas	4445		Picture Cliff	2100	
Gallup	5547		Non-Production	5650		Point Lookout	4352	
Graneros	6432		Gas			Muncos	5546	
Dakota			Gas	6705		Gallup	4459	
						Greenhorn	5547	
						Graneros	6352	
						Dakota	6432	
						Morrison	6501	
							6722	

38. GEOLOGIC MARKERS