

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.

5. CASE DESIGNATION AND SERIAL NO.

SF 078357

6. INDIAN, ALLOTTEE, OR OWNER NAME

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 1450' from West line and 1450' from North line of Sec.

At top prod. interval reported below

Unknown

At total depth

Unknown

14. PERMIT NO.

DATE ISSUED

1-16-64

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

11-19-64

16. DATE LOG REACHED

12-2-64

17. DATE COMPL. (Ready to prod.)

1-19-65

18. ELEVATIONS (OF RIG, RT. GR, ETC.,*)

6101' RL

19. ELEV. CASINGHEAD

6101'

20. TOTAL DEPTH, MD & TVD

6815'

21. PLUG, BACK T.D., MD & TVD

6762'

22. IF MULTIPLE COMPL., HOW MANY*

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

6815'

CABLE TOOLS

None

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

Graneros Dakota 6484'-6712'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Electric; Acoustic Velocity; Gamma Ray; Casing Insul.

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 CEMENT
8 5/8"	21	349.41'	12 1/4"	270 sacks	None
4 1/2"	14.54	3816'	7 7/8"	240 sacks	240 sacks
				200 sacks	200 sacks
				120 sacks	120 sacks

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	3581	6442	250		1 1/4"	6442'	6442'

31. PERFORATION RECORD (Interval, size and number)

6484-98', 6584-90', 6613-29', 6633-36',
6642-54', 6660-57', 6704-12' ES

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6484'-6712'	97,000# Sand
	40 tons CO ₂
	100,000 gals. water

33.* All 2 Jets/ft 3/8" holes

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1-21-65		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
1-21-65	4	401	→	43.2	1,000	8 (Frac.)	43.287	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API CORR.		
5508	→	→	64.8	3,130	12 (Frac.)	50°		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY				

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Vented

E. H. Smith

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Drilling & Prod. Supt.

DATE

3-4-65

*(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 types 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. 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 (see 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	TRUE VERT. DEPTH
Picture Cliffs	2100	2140	Gas	Fruitland	1980	
Point Lookout	4384	4460	Gas	Picture Cliffs	2100	
Gallup	5579	5930	Non-productive	Point Lookout	4384	
Graneros	6576		Gas	Graneros	4515	
Dakota		6730	Gas	Gallup	5579	
				Greenhorn	6382	
				Graneros	6484	
				Dakota	6552	
				Morrison	6764	