

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
APR 5 11 16 AM '66

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R255.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. L.C. 065151	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Ralph S. Cooley		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 254, Midland, Texas		8. FARM OR LEASE NAME Brown "51"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' from West line, 1980' from North line, Section 19, T9S, R38E At top prod. interval reported below Same At total depth Same		9. WELL NO. 2	
14. PERMIT NO.		DATE ISSUED	
10. FIELD AND POOL, OR WILDCAT Sawyer San Andres Oil		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T9S, R38E	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 12/19/65	16. DATE T.D. REACHED 12/30/65	17. DATE COMPL. (Ready to prod.) March 15, 1966	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3959 GR - 3972
19. ELEV. CASINGHEAD 3961		20. TOTAL DEPTH, MD & TVD 5021'	
21. PLUG, BACK T.D., MD & TVD 4991'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY → 0-5021		ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4951' to 4985' - San Andres		25. WAS DIRECTIONAL SURVEY MADE Totco	
26. TYPE ELECTRIC AND OTHER LOGS RUN Lane Wells - Gamma Ray-Neutron		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	20	423	12-1/4"
4-1/2"	11.60	5021	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
225 sacks 2% CaCl ₂		Circulated	
700 sacks			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)		30. TUBING RECORD	
2-3/8"		SIZE	
4965		DEPTH SET (MD)	
None		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 2 - 1/2" holes at each: 4951, 53, 55, 57, 59, 61, 63, 66, 68, 71, 73, 75, 77, 83, 85.			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
4952 - 5009		500 gal MCA - 6000 Unisol	
4952 - 5009		Squeezed - 50 sacks.	
4951 - 4985		8000 gallons	
4951 - 4985		10,000 gallons	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2/15/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 3/15/66	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 61
			GAS—MCF. 29.585
			WATER—BBL. 111
			GAS-OIL RATIO 485/1
			OIL GRAVITY-API (CORR.) 29
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY J. D. Henderson	
35. LIST OF ATTACHMENTS Totco Surveys - Lane Wells - Gamma Ray - Neutron Log.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Ralph S. Cooley		TITLE Operator	
DATE March 29, 1966			

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

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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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Clay - Caliche	0	180		Top Rustler	2315	2315
Red Beds & Sand	180	2315		Yates	2950	2950
Anhydrite & Salt	2315	2950		Queen	3790	3790
Sand & Anhydrite	2950	3040		Top San Andres	4234	4234
Anhydrite, Dolomite, Sand & Shale	3040	4234		Porosity	4951-5021	4951-5021
Dolomite	4234	5021	Porosity containing oil, gas and water 4951 - 5021			