

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 _____						5. LEASE DESIGNATION AND SERIAL NO. NM086	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other Re-entry						6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR D. W. St. Clair						7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 501 First National Bank Building, Midland, Texas						8. FARM OR LEASE NAME Superior - Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FN & 660' FWL, Sec. 25 T-19-S R-34-E At top prod. interval reported below Log County, New Mexico At total depth not available						9. WELL NO. 2	
14. PERMIT NO. _____ DATE ISSUED 10-21-64						10. FIELD AND POOL, OR WILDCAT Pearl Queen	
15. DATE 10-27-64 10-27-64						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T-19-S, R-34-E	
16. DATE T.D. REACHED 10-31-64						12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 11-10-64						13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3770 G.C.						19. ELEV. CASINGHEAD 3769'	
20. TOTAL DEPTH, MD & TVD 5140		21. PLUG, BACK T.D., MD & TVD 5120		22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY 0-5140	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4936 - 5055 Queen Sand						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger GR, LL, MLL run by Cabot Carbon in 1958						27. WAS WELL CORED _____	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
6 5/8"		28#		165'		11"	
5 1/2"		15.5# & 17#		5140'		7 7/8"	
						150 sx circulated	
						270 sx 50/50 Pozmix	
						Top of cement 2900'	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		5045'					
31. PERFORATION RECORD (Interval, size and number)							
4936, 4937, 4938, 5054, 5055							
5 - .54" shots							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
Frac thru perf.				w/12,600 gal. 1# sand/gal.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 11-16-64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 2" x 1 1/4" x 12' Bottom Hold Down				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 11-20-64		HOURS TESTED 24		CHOKE SIZE 2"		PROD'N. FOR TEST PERIOD 56	
FLOW. TUBING PRESS. _____		CASING PRESSURE 30#		CALCULATED 24-HOUR RATE 56		OIL—BBL. 40	
						GAS—MCF. 42	
						WATER—BBL. 714	
						OIL GRAVITY-API (CORR.) 35	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vent						TEST WITNESSED BY Joe McKinney	
35. LIST OF ATTACHMENTS _____							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED George Van Vliet		TITLE Agent			DATE 11-23-64		

*(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 25.

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: "Seals 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.)

47. SUMMARY OF POROUS ZONES		DESCRIPTIVE TESTS INCLUDING		GEOLOGIC MARKERS	
FORMATION	TOP	DEPTH	TESTS	NAME	MEAS. DEPTH
			DESCRIPTION, CONTENTS, ETC.		TRUE VERT. DEPTH
Sidewall Core Sand	4936		SHOW OIL	Anhydrite	1804
	4983			Salt	1835
	5054			Yates	3438
				Queen	4690
				Potomac	4970