

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 _____								
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____						
2. NAME OF OPERATOR MONSANTO COMPANY						7/20/70							
3. ADDRESS OF OPERATOR 101 NORTH MARIENFELD, MIDLAND, TEXAS 79701						O. G. C.							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1650' FS & EL At top prod. interval reported below At total depth						ARTESIA OFFICE							
14. PERMIT NO.				DATE ISSUED 7/20/70									
5. LEASE DESIGNATION AND SERIAL NO. NM-0272711		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME ROCK TANK UNIT		8. FARM OR LEASE NAME							
9. WELL NO. 4		10. FIELD AND POOL, OR WILDCAT Rock Tank Upper and Lower Morrow		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 1, T-23S, R-24E		12. COUNTY OR PARISH Eddy		13. STATE New Mexico					
15. DATE SPUDDED 7/24/70		16. DATE T.D. REACHED 9/25/70		17. DATE COMPL. (Ready to prod.) 11/20/70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4030' RKB		19. ELEV. CASINGHEAD 4013					
20. TOTAL DEPTH, MD & TVD 10,921'		21. PLUG, BACK T.D., MD & TVD 10,365'		22. IF MULTIPLE COMPL., HOW MANY* TWO		23. INTERVALS DRILLED BY 921'		CABLE TOOLS -0-					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Morrow: 9902-9912' Lower Morrow: 10,200-10,244'								25. WAS DIRECTIONAL SURVEY MADE NO					
26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic-Gamma Ray, Induct on Electrical								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		2483'		11"		Cmtd to surface w/ 1150 Sx.	None				
5 1/2"		17		10,405'		7 7/8"		Cmtd w/ 1250 Sx.	None				
29. LINER RECORD									30. TUBING RECORD				
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
									2 3/8"	10,111'	10,109.5'		
31. PERFORATION RECORD (Interval, size and number) Upper Morrow: 9902-9912' w/ 30 Shots. Lower Morrow: 10,200-10,212'; 10,216-10,228'; 10,233-10,244' w/ 3 shots per foot.									32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
									DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
									10,200-10,244		2500 gal. C.U. Acid, 300 balls.		
									9902-9912		2000 gal. C.U. Acid		
33.* Lower Morrow									PRODUCTION				
DATE FIRST PRODUCTION 10/18/70			PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Producing				
DATE OF TEST 12/1/70		HOURS TESTED 24		CHOKE SIZE 1/2"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 6		GAS—MCF. 6,000		WATER—BBL. 24	GAS-OIL RATIO ---
FLOW. TUBING PRESS. 1050		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 6		GAS—MCF. 6000		WATER—BBL. 24		OIL GRAVITY-API (CORR.) 53.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold												TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Drill Stem Tests, Induction-Electrical Gamma Ray-Sonic Logs													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records													
SIGNED <u>W. W. Wood</u>				TITLE <u>District Production Mgr.</u>				DATE <u>12/2/70</u>					

*(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 43, 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 OTHER 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
Canyon	8242	8549'	Porous Limestone	3rd Bone Spring	7406	
L. Morrow Sd	10,007	10,060	Porous Sandstone	Wolfcamp	7751	
L. Morrow Sd	10,200	10,244	Porous Sandstone	Canyon	8242	
				Morrow Ls.	9616	
				Lower Morrow	9815	
				Barnett	10,244	
				L. Miss	10,595	
				Woodford	10,826	
				Devonian	10,881	

NOTE: Upper Morrow perforations 10,016 - 10,060' were squeezed off w/ 100 Sx. Cement on 11/8/70.

Upper Morrow shut in due to mechanical difficulties.

50 Sx
on 5R