

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0558669	
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 Monsanto Company		7. UNIT AGREEMENT NAME Black River Unit	
3. ADDRESS OF OPERATOR 101 North Marienfeld, Midland, Texas		8. FARM OR LEASE NAME _____	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1325' FNL & 1980' FEL At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL OR WILDCAT Wildcat	
15. DATE STUBBED 5-27-69 16. DATE TD REACHED 7-4-69 17. DATE COMPL. (Ready to prod.) Dryhole		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 3, T-26-S, R-23-E	
18. ELEVATIONS (DE. FNB, RT. GR, ETC.)* RKB 4257'		12. COUNTY OR XXXXXX Eddy	
19. ELEV. CASINGHEAD Dry Hole		13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 8151'		21. PLUG, BACK T.L., MD & TVD _____	
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____	
24. PRODUCING INTERVALS OF THIS COMPLETION- TOP, BOTTOM NAME (MD AND TVD)* Dry Hole		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Focused, Acoustilog		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
1 1/4"	42#	600'	15"
8-5/8"	32#	5052'	11"
CEMENTING RECORD		AMOUNT PULLED	
Cmt'd w/175 sx.		None	
Cmt'd w/700 sx.		None	
DV Tool at 2005'			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*
		None	
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
	None		
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
7450-7350'		30 sx. cmt. plug	
6650-6550		"	
6100-6000		"	
5100-5000		"	
33.* PRODUCTION 700-600' 35 "			
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Lifting, gas lift, pumping—size and type of pump)	
DATE OF TEST _____		HOURS TESTED _____	
CHOSE SIZE _____		FROTH. FOR TEST PERIOD _____	
FLOW, TUBING PRESS. _____		Casing Pressure _____	
CALCULATED _____		24-HOUR RATE _____	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____		LIST OF ATTACHMENTS _____	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE District Engineer	
DATE 8/1/69			

*(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.)

NOTE: Well was turned to U. S. Dept. of Int. Bureau of Land Management after 700-600' cmt. plug was set for completion as a water well.

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.	38.	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
See attached list DST					Bell Canyon	270	
					Lamar Sand	316	
					Delaware	419	
					Leonard	3430	
					Bone Springs	3460	
					3rd Bone Sps. sd.	5783	
					Wolfcamp	6046	
					Strawn	6610	
					Atoka "A"	7094	
					Morrow	7378	
					L. Morrow LS	7675	
					Barnett Sh.	8122	

BLACK RIVER UNIT #1

Drill Stem Tests

Det #1 (6-26-69): 6610' to 6672', Strawn - Rec. 5030' Sulphur Water, plus 600' Drlg. mud - no show - top of Strawn Dolo. 6613'. 120' high to Gulf well - Drlg. break 6613' to 6630', 12" to 3" & 4"/ft. 15" IFP, 490 psi. 60" ISIP, 2656 psi. 90" IFP, 2565 psi. 180" FSIP, 2656 psi. FHP 2977 psi. Smpl. 2300 cc Sul. H₂O, no gas, 100 psi.

Det #2 (6-28-69): 6863' to 6949' - Rec. 270' (4 bbls.) mud & 6085 (81 bbls.) Sulphur H₂O - IHP 3067 psi & FHP 3003 psi - 30" preflow press. 1858 psi w/st. blow decreasing to fair. 60" ISIP, 2759 psi. 45" FP 2759 psi w/fair blow & died in 28". 120" 2nd SIP, 2759 psi. 15" 3rd FP, 2759 psi w/no blow. 60" FSIP, 2759 psi. Had NGTS. Smplr. 2400 cc Sulphur H₂O, no press. & no show of oil or gas.

Det #3 (7-7-69): 8013' to 8151' - 10" preflow press. 157 psi. 60" ISIP, 388 psi. 60" FP, 298 psi. 180" FSIP, 491 psi. I&FHP, 3704 psi. Rec. 95' sl. OCM. Smplr. 20 cc mud - smplr. plugged - 40 psi - No gas or oil show - Res. 1.5 @ 92°.

Det #4 (7-8-79): 7778' to 7840'. Could not get pkrs. to set - pulled tools & went in w/bit - had trouble cleaning hole.

Det #5 (7-9-69): Pkrs. failed - pulled test tools & cond. hole.

Det #6 (7-10-69): 7753' to 7850' - Rec. 300' drlg. mud (2.2 Bbls.), no oil or gas in mud. Smplr. 1266 cc mud, 2/10 cu ft. gas, 100 psi. 10" preflow press., 69 psi. 60" ISIP, 1831 psi. 60" 2nd FP, 121 psi. 120" 2nd SIP, 815 psi. 60" 3rd FP, 134 psi. 180" FSIP, 880 psi. BHT 148°.

RECEIVED

AUG 7 - 1969

U. S. G.
ARTESIA, OFFICE

RECEIVED

AUG-5 1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO