

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See "in-
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revers. Ge)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. ☐

2. NAME OF OPERATOR

MONSANTO COMPANY

3. ADDRESS OF OPERATOR

1330 Midland NBT, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with instructions.)

At surface 1880' FNL & 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10/22/77

16. DATE T.D. REACHED

12/22/77

17. DATE COMPL. (Ready to produce)

1/13/78

20. TOTAL DEPTH, MD & TVD

11,038

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

10,825

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

10,038

CABLE TOOLS

-0-

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

10,654-10,782 Lower Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Laterolog; Proximity-Microlog-Caliper; Comp. Neutron; FOC Density

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	416	17 1/2"	To surface 600 Sx.	None
9 5/8"	36#	2400	12 1/4"	To surface 1385 Sx.	None
5 1/2"	17#	11,038	8 3/4"	Cmt 950 Sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2 7/8"	10332.70'	10,332.70'

31. PERFORATION RECORD (Interval, size and number)

10,776-10,782; 10-2" Hyper Dome
10,654-10,660; 16-2" Hyper Dome

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,654-10,782	2500 Gals. 7 1/2% MS

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1/13/78		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/13/78	14	24/64"	→	-0-	207.62	14	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
500	Pkr.	→	-0-	356	24	---	

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Drill Stem Tests

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

SIGNED

TITLE Regional Prod. Mgr.

DATE 4/24/78

*(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.)

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
L. Morrow Sd	10,394	10,835	DST 10,518-10,539; 30 Min 1st Flow 58-58#; 59 Min 1st SIP 792#; 60 Min 2nd Flow 464-53#; 119 Min 2nd SIP 2508#; 119 Min 3rd Flow 53#-58#; 241 Min 3rd SIP 3718#; Had GTS 390 Mins into the test @ TSTM; Rec 90' drlg mud; sample chamber recovery 2200 cc drilling mud. IHP 4914; FHP 4914; BHT 170°F DST 10,620-10,652; 29 Min 1st flow 1050-448#; 58 Min 1st SIP 3700#; 61 Min 2nd flow 296-557#; 117 Min 2nd SIP 3832#; 123 Min 3rd flow 526-817#; 251 Min 3rd SIP 4149#; Had GTS in 13 Mins @ 125 psig on 1/4" Choke; Rec 1175' formation wtr, 270' drlg mud; IHP 4956- FHP 4640#	Delaware Sd Bone Spring 1st Bone Spring 2nd Bone Spring 3rd Bone Spring Wolfcamp Penn Carbonate Strawn Atoka L. Morrow Sd Base L Mor Sd	2200 4308 5462 6076 7679 7952 8675 8928 9713 10,394 10,835	2200 4308 5462 6076 7679 7952 8675 8928 9713 10,394 10,835
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