Form 9-330
(Rev. 5-63)

N. M. O. C. C. COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instruction on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.: NM 0490463

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED
DEC - 6 1973

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

7. UNIT AGREEMENT NAME: Burton Flat Deep Unit

8. FARM OR LEASE NAME: Burton Flat Deep Unit

9. WELL NO.: 7

2. NAME OF OPERATOR: MONSANTO COMPANY

3. ADDRESS OF OPERATOR: 101 North Marienfeld, Midland, Texas 79701

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O. C. C.
ARTESIA, OFFICE
DEC 5 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

10. FIELD AND POOL, OR WILDCAT: Burton Flat - Morrow

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 1980' FNL & 660' FEL Section 33
At top prod. interval reported below
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 33, T-20S, R-28E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	9/5/73	Eddy	New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9/14/73	11/3/73	11/19/73	Gr. Level Elev. 3209	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
11,540	11,475		→	11,517	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Morrow 11,221-475

25. WAS DIRECTIONAL SURVEY MADE:

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray-Compensated Neutron-Density w/ Cal. Dual Ind. Laterolog & Micrlog

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
13 3/8	48	603	17½	750 Sx. Cmt to surface	None
9 5/8	36	2950	12¼	1250 Sx. Cmt to surface	None
5½	17	11,540	8 3/4	800 Sx. Cmt.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	11,057	11,057

31. PERFORATION RECORD (*Interval, size and number*)
11,221-225; 11,228-234; 11,238-248;
11,352-362; 11,468-475.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,221-475	4000 Gals. 7½% MS Acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
11/16/73	Flowing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/20/73	4	6/64-18/64		0	---	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2665-1702	0		0	CAOF 5408	0	

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
Vented while testing well; shut-in awaiting gas pipeline

TEST WITNESSED BY: J. E. Guthrie

35. LIST OF ATTACHMENTS
Logs mailed

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 12/4/73

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Undiff. Permian	Surface		Anhydrite, dolomite sands & shale
Capitan Reef	1,096	2,607	Dolomite
Delaware Sand	2,670	5,164	Sand & shale
Bone Spring	5,164	8,796	Limestone, sand & shale
Wolfcamp	8,796	10,162	Limestone & shale
Strawn	10,162	10,558	Limestone & shale
Atoka	10,558	11,044	Limestone & shale
Morrow	11,044	11,479	Sand, shale & limestone
Miss (Barnett)	11,479	11,540	Shale
		T.D.	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Capitan Reef	1,096	
Delaware	2,607	
Bone Spring	5,164	
Wolfcamp	8,796	
Strawn	10,162	
Atoka	10,558	
Lower Morrow	11,044	
Barnett	11,479	

*GPO 782-929