

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM 0560289

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Burton Flat Deep Unit

8. FARM OR LEASE NAME

Burton Flat Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Burton Flat - Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 3, T-21S, R-27E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

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

3. ADDRESS OF OPERATOR

101 North Marienfeld, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 700' FSL & 1980' FWL Section 3

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

1/19/73

15. DATE SPUDDED

1/23/73

16. DATE T.D. REACHED

3/18/73

17. DATE COMPL. (Ready to prod.)

4/16/73

18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*

D.F. Elev. 3223'

19. ELEV. CASINGHEAD

3210'

20. TOTAL DEPTH, MD & TVD

11,546'

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

11,472

22. IF MULTIPLE COMPL.,
HOW MANY* Two

Morrow & Strawn

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0 - 11,546

CABLE TOOLS

0

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

Strawn - 10,208 - 10,250

Morrow - 11,244 - 11,438

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Neutron - Density, Dual Ind. - Laterlog, Microlog & Dipmeter

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#	602'	17 1/2"	750 Sx. Cmt to surface	None
9 5/8	36#	2854'	12 1/2"	1250 Sx. Cmt to surface	"
7"	26#	11,546'	8 3/4"	460 Sx.	"

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	10,805'	10,800'
					2 3/8"	9987'	9980'

31. PERFORATION RECORD (Interval, size and number)

Morrow 11,244-252; 11,302-310; 11,312-316;
11,320; 11,324-338; 11,432-438; 2
shots/Ft.Strawn 10,208-220; 10,232-238; 10,242-250;
2 shots/Ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,208-10,250	3000 Gals. 15% acid & 7500 Gals. MS Acid.

33.* Strawn

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/10/73		Flowing					Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/16/73	4	5/64-12/64	→	12	---	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
2797 - 1618	0	→	72	1,120	0	62°		

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

Vented - Well shut in awaiting gas pipeline

TEST WITNESSED BY

J. E. Guthrie

35. LIST OF ATTACHMENTS

Drill Stem test and Logs. (Logs were mailed 4/3/73)

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

SIGNED

TITLE

District Engineer

DATE

4/19/73

33.* Morrow

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/26/73		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/16/73	4	10/64-17.5/64	→	0	--	0	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3612 - 2575	0	→	0	4,600	0	---	

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

Vented - Well shut in awaiting gas pipeline

TEST WITNESSED BY

J. E. Guthrie

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

TITLE

District Engineer

DATE

4/19/73

*(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.
	TOP	836		
Undiff. Permian	Surface	836		Anhydrite, dolomite, sand & shale.
Capitan Reef	836	2830		Dolomite
Delaware Sd	2830	5101		Sand & shale
Bone Springs	5101	8740		Limestone, sand and shale.
Wolfcamp	8740	10,064		Limestone and shale
Strawn	10,064	10,521		Limestone and shale
Atoka	10,521	11,000		Limestone and shale
L. Morrow	11,000	11,439		Sand, shale, limestone
Miss. (Barnett)	11,439	11,546		Shale
		T.D.		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Capitan Reef	836	
Delaware	2830	
Bone Spring	5101	
3rd Bone Springs	8436	
Wolfcamp	8740	
Strawn	10,064	
Atoka	10,521	
Lower Morrow	11,000	
Barnett	11,439	