

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0490463
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR MONSANTO COMPANY ✓		7. UNIT AGREEMENT NAME BURTON FLAT DEEP UNIT
3. ADDRESS OF OPERATOR 1330 Midland NBT, Midland, Texas 79701		8. FARM OR LEASE NAME BURTON FLAT UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FSL & 660' FEL of Section 33 At proposed prod. zone		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 Miles NE of Carlsbad, N.M.		10. FIELD AND POOL, OR WILDCAT Burton Flat - Wolfcamp
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 33, T-20S, R-28E
16. NO. OF ACRES IN LEASE 80		12. COUNTY OR PARISH EDDY
17. PROPOSED DEPTH 11,170		13. STATE NEW MEXICO
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'		17. NO. OF ACRES ASSIGNED TO THIS WELL 320
19. ROTARY OR CABLE TOOLS Well Service Unit		20. APPROX. DATE WORK WILL START* 5/25/78
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Gr. 3209		

22. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13 3/8	48	603	750 Sx. Circulated
12 1/4	9 5/8	36	2950	1250 Sx. Circulated
8 3/4	5 1/2	17	11,540	800 Sx.

This well is presently completed in the Morrow Gas Pool.
Cumulative production is 396,721 MCF & perforations have tightened; watered out.

We propose to set a cast iron bridge plug above the Morrow zone at 11,190' w/ 20' cement on top, perforate 9438-52, treat and test.

6" Ser. 1500 Shaffer blow out preventer will be installed.

RECEIVED
JUL 14 1978
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. E. Brown TITLE Regional Prod. Mgr. DATE 7/13/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 18 1978
APPROVED BY Albert R. Hall TITLE ACTING DISTRICT ENGINEER DATE JUL 18 1978
CONDITIONS OF APPROVAL, IF ANY: _____