

N. M. O. C. C. COPY SUBMIT IN TRIPLICATE\*  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYCopy & 5 17  
Form approved.  
Budget Bureau No. 42-R1425.

30-015-20954

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input 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"/>			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 101 North Marienfeld, 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 Section 33 At proposed prod. zone			9. WELL NO. 7		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 Miles N.E. of Carlsbad, New Mexico			10. FIELD AND POOL, OR WILDCAT Burton Flat - Morrow		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dclg. unit line, if any) 660'			11. SEC., T., R., M., OR BLS. AND SURVEY OR AREA Sec. 33, T-20S, R-28E		
16. NO. OF ACRES IN LEASE 80			12. COUNTY OR PARISH Eddy		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3000'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Will furnish later			22. APPROX. DATE WORK WILL START* 9/5/73		

## 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#	600'	750 Sx.
12 1/4"	9 5/8"	36#	3,000'	1250 Sx.

Drill 17 1/2" hole to 600'; Set 13 3/8" 48# Csg. &amp; cement to surface.

Drill 12 1/4" hole to 3,000'; Set 9 5/8" Csg. 36# &amp; cement to surface.

Drill 8 3/4" hole to 11,600' &amp; log.

If production is indicated, set 5 1/2" Csg. &amp; cement.

Perforate &amp; treat if necessary.

BOP Series 1500 double hydraulic w/ Series 900 annular preventer.

RECEIVED  
AUG 31 1973  
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 E.M. Scholl TITLE District Engineer DATE 8/30/73  
(This space for Federal or State office use)PERMIT NO. \_\_\_\_\_ APPROVAL DATE SEP 5 1973  
APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE SEP 5 1973  
CONDITIONS OF APPROVAL, IF ANY:THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.

\*See Instructions On Reverse Side