

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

1a. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR  
MONSANTO COMPANY

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements\*)  
At surface 1980' FNL & 660' FWL Section 35  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
5 Miles NE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE  
ARTESIA, OFFICE 320

17. NO. OF ACRES ASSIGNED  
THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT. 2640

19. PROPOSED DEPTH  
11,600

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

22. APPROX. DATE WORK WILL START\*  
10/20/73

23. 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#	3000'	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 3000'; Set 9 5/8" 36# Csg. &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.

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 A. W. Wood TITLE District Production Mgr. DATE 9/6/73

(This space for Federal or State office use)

APPROVED

APPROVED BY  
CONDITION OF APPROVAL, IF ANY:A. L. BEEKMAN  
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES DEC 16 1973

APPROVAL DATE

TITLE

DATE

DECLARED WATER BASIN

\*See Instructions On Reversing THE  
CEMENT BASIN  
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING THERECEIVED  
SEP - 1 1973  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO