

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

1330 Midland NBT, Midland, Texas 79701

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

At surface

990' FNL &amp; 1980' FEL Section 31

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7 Miles NE of Carlsbad, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if any)

330'

## 16. NO. OF ACRES IN LEASE

420

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

None

## 19. PROPOSED DEPTH

9500

## 20. ROTARY OR CABLE TOOLS

Well Service Unit

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

3218 Gr.

## 22. APPROX. DATE WORK WILL START\*

7/13/78

## 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"	54.5	500'	915 Sx. Circulated
12 1/4"	9 5/8"	36	2021	1260 Sx. Circulated
8 3/4"	5 1/2"	17	10,710	1100 Sx.

This well is presently completed in the Morrow Gas Pool.  
Cumulative production is 1866 MCF and well will no longer flow.

We propose to set a CIBP above the Morrow Zone at 10,536 with approximately 40' cement on top, perforate the Strawn at 9189-91, 9330-34, 9340-46, 9377-86 and 9946-9500, 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

TITLE

ACTING DISTRICT ENGINEER

DATE

JUL 18 1978

CONDITIONS OF APPROVAL, IF ANY: