

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

M.E.

Monsanto Company

RECEIVED

3. ADDRESS OF OPERATOR

101 North Marlenfeld, Midland Texas 79701

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

At surface

660' FEL 3630' FSL

At proposed prod. zone

MAY 12 1970

O. C. C.
ARTESIA, OFFICE

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

9 miles NW Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

LSE line 660'

16. NO. OF ACRES IN LEASE

405.43

17. NO. OF ACRES ASSIGNED
TO THIS WELL

405.43

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

11,500

20. ROTARY CABLE TOOLS

Rotary

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

Estimate 3210' GR

22. APPROX. DATE WORK WILL START*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13 3/8"	48#	350'	Cement to surface
12 1/4"	9 5/8"	36#	3500'	Cement to surface
8 3/4"	7"	23,26,29 #	10,200'	350 sx
6"	4 1/2"	13.5#	10,100-11,500	150 sx

Drill 17" hole to 350". set and cement 13 3/8" to surface. Drill 12 1/4" hole to 3500', set and cement 9 5/8" to surface. Drill 8 3/4" hole to 10,200', set and cement 7" with 350 sx. Drill 6" hole to 11,500', log, set and cement 4 1/2" w/150 sx. Drill stem test all shows of oil or gas. The hole will be drilled with air, water, & mud. BOP: Ser 1500 dbl. hyd.

RECEIVED

MAY 4 - 1970

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

(5) NM-A 0560012, NM 036222-A, NM-0491036-A, NM-045422-A, NM-040409

Non Standard Production Unit approved
by NMOC Ad. Order N.S.P. 830

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

TITLE District Engineer

DATE 5-1-70

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS VALID FOR OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES AUG 11 1970
See Instructions On Reverse SideCEMENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, notations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.