

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-21073

5. LEASE DESIGNATION AND SERIAL NO.

NM 0501759

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

AVALON HILLS

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Burton Flat - Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 7, T-21S, R-27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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

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

At surface

660' FSL & 1980' FWL Section 7

At proposed prod. zone

JAN 14 1974

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

5 miles N.E. of Carlsbad, New Mexico

O. C. C.
ARTESIA, OFFICE

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

697

17. NO. OF ACRES ASSIGNED
TO THIS WELL

314

18. DISTANCE FROM PROPOSED LOCATION*

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

None

19. PROPOSED DEPTH

11,600'

20. ROTARY OR CABLE TOOLS

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

Will furnish later

22. APPROX. DATE WORK WILL START*

2/25/74

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"	47#	3000'	1250 Sx.

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

Drill 12 1/4" hole to 3000'; Set 9 5/8" Csg 47# & cement to surface.

Drill 8 1/2" hole to 11,600' & log.

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

Perforate & treat if necessary.

BOP Series 1500 Double Hydraulic w/ Series 900 annular preventer.

RECEIVED

JAN - 8 1974

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 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

1/4/74

(This space for Federal or State office use)

APPROVED

APPROVED BY

R. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS VALID FOR 3 MONTHS.
EXPIRES APR 11 1974SUBJECT TO ATTACHED DEEP WELL CONTROL
REQUIREMENTS DATED JUN 22 1973

TITLED

Subject to CA
prior to production

*See Instructions On Reverse Side

DECLARED WATER BASIN
DECLARED WATER BASINPATENT BEHIND THE
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.