Form 9-331 C
(May 1963)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Form approved.
Budget Bureau No. 42-R1425.

c/sp

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 OIL COMPANY ✓

3. ADDRESS OF OPERATOR

1300 One First City Center, Midland, TX 79701

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

At surface   660' FSL & 1980' FWL

At proposed prod. zone

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

5 miles NE of Carlsbad, New Mexico

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

Wildcat – Wolfcamp

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

Sec. 7, T21S, R27E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
660'	697	314

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
None		

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

3200' KB

22. APPROX. DATE WORK WILL START*

May, 1985

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

Proposal to abandon Morrow formation and recomplete in Wolfcamp.
Existing Morrow perforations 11168' – 11354'
Set blanking plug in packer @ 10950'
Set CIBP @ 10000'. Cap w/35' cement.
Perforate Wolfcamp @ 9820'-9832'.
Acidize Wolfcamp w/1200 gallons 15% NEFE w/500 SCF/BBL N_2

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 _[signature]_   TITLE Regional Production Manager   DATE 4/24/85

(This space for Federal or State office use)

PERMIT NO. _____   APPROVAL DATE _____

Orig. Sgd. Charles G. Britton

APPROVED BY _____   TITLE _____   DATE 6-4-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side