

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 0526982
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR MONSANTO COMPANY		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 1330 Midland NBT, Midland, Texas 79701		8. FARM OR LEASE NAME PECOS
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FWL & 3300' FSL Section 5 At proposed prod. zone		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles NW Carlsbad, N.M.		10. FIELD AND POOL, OR WILDCAT AVALON STRAWN
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T-21S, R-26E
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 9522
20. ROTARY OR CABLE TOOLS Well Service Unit		21. APPROX. DATE WORK WILL START* Upon approval
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 3205' GR.		

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'	600 Sx. Circulated
12 1/4"	9 5/8"	36	2030'	1000 Sx. Circulated
8 3/4"	5 1/2"	20 & 17#	10,875'	800 Sx. Top Cmt 8700'

This well is presently completed in the Avalon Morrow Gas Pool. Cumulative production is 380 MMCF and the well will no longer flow.

We propose to set a cast iron bridge plug above the Morrow Zone at 9,440' with approximately 38' cement on top and perforate Strawn 9513-22, treat and test.

6" ser. 1500 shaffer blow out preventer will be installed.

RECEIVED
JUN 30 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.

SIGNED [Signature] TITLE Regional Prod. Mgr. DATE 6/28/78
(This space for Federal or State office use)

PERMIT [Signature] APPROVAL DATE JUN 30 1978
APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER
CONDITIONS OF APPROVAL, IF ANY: