

N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instr. is on
reverse S. ...)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

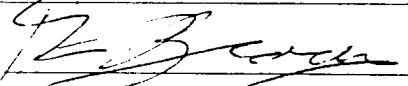
1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. NM 18307
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Monsanto Oil Company		7. UNIT AGREEMENT NAME Antebellum Unit
3. ADDRESS OF OPERATOR 1300 One First City Center, Midland, Texas 79701		8. FARM OR LEASE NAME Antebellum Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FNL & 1980 FEL At proposed prod. zone		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 25 miles WNW of Jal, New Mexico		10. FIELD AND POOL, OR WILDCAT Bell Lake (Bone Springs)
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990 FNL	16. NO. OF ACRES IN LEASE 480	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 29, R-23 S, R-34 E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA	19. PROPOSED DEPTH PBDT 9050	12. COUNTY OR PARISH Lea
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 3514, KB 3533	20. ROTARY OR CABLE TOOLS pulling unit	13. STATE New Mexico
22. APPROX. DATE WORK WILL START* 8/8/83		

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26	20	94	625	1000 sxs; cmtd to surface
17 1/2	13 3/8	72	5260	4700 sxs; cmtd to surface
12 1/4	9 5/8	53.5	12225	2200 sxs; top of cement 4500'
8 1/2	7 (liner)	35	14224	765 sxs (Temp survey)

- 1) Pull out of hole with tubing & seal assembly.
- 2) Run in hole with blanking plug & set in Model D Packer at 12,200'.
- 3) Run in hole with tubing and circulate with 9.5 ppg brine, then spot 25 sxs cement plug at 12,200', 50 sxs at 10,500', and 50 sxs plug at 9050'. Pull out of hole with tubing.
- 4) Run in hole with decentralized casing gun and perf Bone Springs at 8672 to 8803.
- 5) Run in hole with tubing and packer.
- 6) Acidize well with 7500 gals 15% acid.
- 7) Flow and swab back load.

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 Regional Production Manager		DATE 7/14/83
(This space for Federal or State Approval)				
APPROVED				
PERMIT NO. _____		APPROVAL DATE _____		
APPROVED BY 		TITLE _____		
CONDITIONS OF APPROVAL, IF ANY: _____		DATE _____		

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, locations 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.

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