

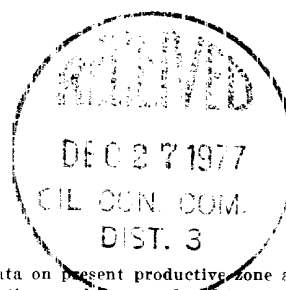
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM 14924		
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
3. ADDRESS OF OPERATOR 501 AIRPORT DRIVE, FARMINGTON, NM 87401			7. UNIT AGREEMENT NAME Valencia Canyon Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' ENL x 1650' FEL, Section 36, T-28-N, R-4-W At proposed prod. zone Same			8. FARM OR LEASE NAME		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 11 miles SE of Gobernador			9. WELL NO. 20		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 990'		16. NO. OF ACRES IN LEASE 640	10. FIELD AND POOL, OR WILDCAT Choza Mesa-Pictured Cliffs		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2200'		19. PROPOSED DEPTH 4300'	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 NE/4 Sec. 36 T-28-N, R-4-W		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7205' est. RL		20. ROTARY OR CABLE TOOLS Rotary		12. COUNTY OR PARISH 13. STATE Rio Arriba NM	
23. PROPOSED CASING AND CEMENTING PROGRAM			22. APPROX. DATE WORK WILL START* As soon as well permitted		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.3	300'	250 sx
7-7/8"	4-1/2"	10.50	4300'	1220 sx

The above well is being drilled to further develop the Choza Mesa-Pictured Cliffs Field. The well will be drilled with a low solids non-dispersed mud system. Completion design will be based on open hole logs. This acreage is not dedicated. Additional information required by MTL-6 for the application to drill and a Multi-Point Surface Use Plan are attached.



18. 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 Area Engineer DATE 12/19/77
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____ DATE DEC 21 1977
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated under all types of lands and leases for appropriate action by either the Bureau or a State agency, or both. It is to be completed by the applicant, and the completed form, together with the required fee, should be submitted to the Bureau or the State agency, or both, as indicated on the form. The number of copies to be submitted is indicated on the form. The number of copies to be submitted to the Bureau or the State agency, or both, as indicated on the form, should 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.