

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM 9027	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amerada Hess Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Attn: Drilling Services P. O. Box 2040, Tulsa, Oklahoma 74102			8. FARM OR LEASE NAME Federal 17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FSL, 1650' FEL  At proposed prod. zone As Above			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 21 miles SE of Hagerman, New Mexico			10. FIELD AND POOL, OR WILDCAT Little Lucky Lake	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 990'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA sec 17, T15S, R30E	
16. NO. OF ACRES IN LEASE 640			12. COUNTY OR PARISH Chaves	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4029.9' GR			22. APPROX. DATE WORK WILL START* Oct. 20, 1984	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½	13-3/8	48	500	550 sx Circulate
12½	8-5/8	24	2800'	1000 sx Circulate
7-7/8	5½	17	11300'	1025 sx Top to 2900'

Attached are the following exhibits explaining the proposed operation:

- A) Survey Plat
- B) Topo map indicating wells and access roads within 1 mile Radius of proposed location.
- B-1) Surface use program
- B-2) Drilling program
- C) Production Facilities plat
- D) Rig Layout plat
- E) Choke Manifold Diagram
- F) Accumulator Diagram
- G&H) BOP Diagram

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 J. R. Wilson J. R. Wilson TITLE Supervisor Drlg. Admin. Serv. DATE 10-17-84  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY S/PHH Kirk TITLE Area Manager DATE 10-22-84

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.