

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-22922

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. Jic 040
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR Amerada Hess Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2040, Tulsa, OK 74102		8. FARM OR LEASE NAME Jic. Apache D
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FNL & 1050' FEL At proposed prod. zone		9. WELL NO. 3
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 11 miles NE Counselor		10. FIELD AND POOL OR WILDCAT Pictured Cliffs
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA A Sec. 1, T23N-R5W
16. NO. OF ACRES IN LEASE 1603.4		12. COUNTY OR PARISH Rio Arriba
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		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
19. PROPOSED DEPTH 2550		22. APPROX. DATE WORK WILL START* March 15, 1982
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6785 GR		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	300'	150 sx circulating to surface
7-5/8"	5-1/2"	14#	2400'	500 sx

Proceedures: Set 8-5/8" surface pipe @300'± drill to TD w/low water loss mud. Run electric logs, set 5-1/2" production casing above Pictured Cluff zone and cement 5-1/2" casing w/enough cement to bring cement top above the OJO Alamo formation. Drill out 5-1/2" casing and complete well in Pictured Cliff formation.

Exhibit Attached:

- A. Location and Elevation Plat
- B. Access Road Topo Map
- C. Multi Point Requirement for APD
- D. 10 Point Compliance Program
- E. Plat Showing Existing Wells
- F. Rig Layout
- G. BOP Diagram



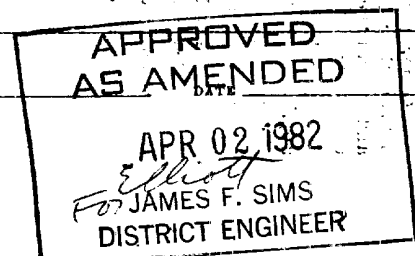
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED J. R. Wilson J. R. Wilson TITLE Supv. Drlg. Admin. Serv. DATE 2-24-82
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



THREE

All distances must be from the outer boundaries of the Section.

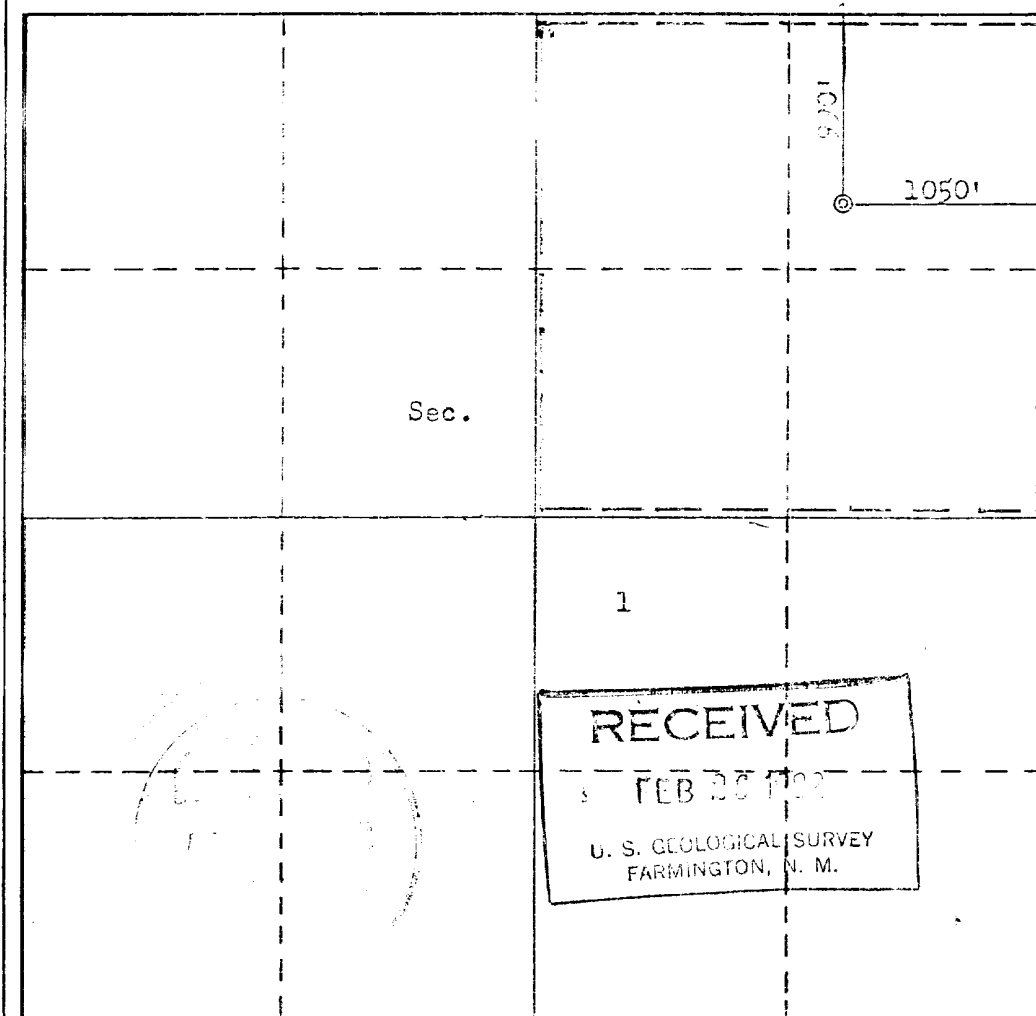
Operator AMERADA HESS CORPORATION		Lease JICARILLA APACHE "D"		Well No. 3
Unit Letter A	Section 1	Township 23N	Range 5W	County Rio Arriba
Actual Footage Location of Well: 990 feet from the North line and 1050 feet from the East line				
Ground Level Elev. 6785	Producing Formation Pictured Cliff	Pool Ballard	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

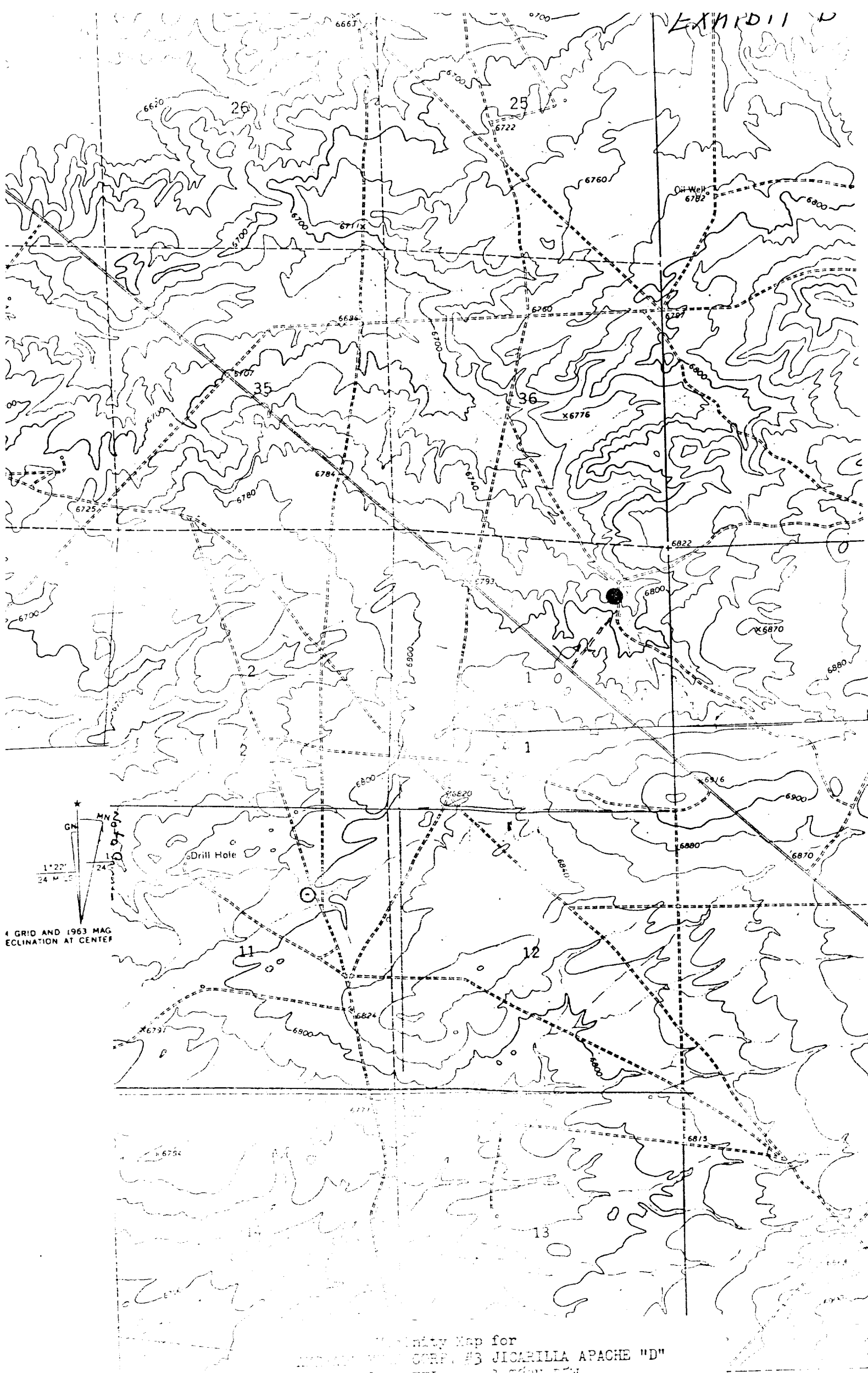
Name **H. F. Lambert**
Position **Drilling Supervisor**
Company **Amerada Hess Corp.**
Date **2-21-82**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **February 1982**
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.

Certificate No.
3950

EXHIBIT D



1°22' 24" MN
GN
1 GRID AND 1963 MAG
ECLINATION AT CENTER

Locality Map for
MILITARY CORP. #3 JICARILLA APACHE "D"
ZONED 12-UTM 100, 1-T23N-R5W
JICARILLA COUNTY, NEW MEXICO