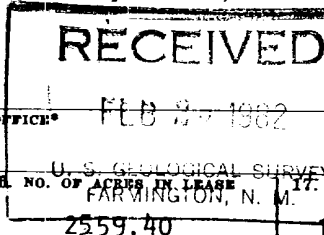


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30 039 22928

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. Jic 149
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
2. NAME OF OPERATOR AMERADA HESS COPRORATION		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 2040, Tulsa, OK 74102		8. FARM OR LEASE NAME Jicarilla Apache F
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1770' FSL 1770' FWL 1550' 1610' H.T.K. At proposed prod. zone		9. WELL NO. 15
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 14 miles NE Counselor, New Mexico		10. WILD OR DOMESTIC OR WILDCAT Pictured Cliff
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 Sec. 18, T25N-R5W
16. NO. OF ACRES IN LEASE FARMINGTON, N. M. 2559.40		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 2700		22. APPROX. DATE WORK WILL START* March 5, 1982
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 6502		



23.

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#	2570	500 sx

Procedures: 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 Cliff 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

TITLE

Super Drlg Admin Sec

DATE

2-23-82

(This space for Federal or State office use)

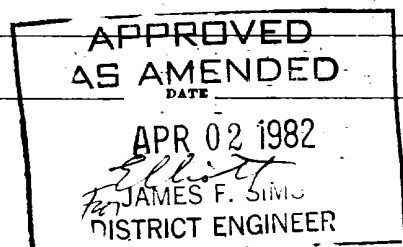
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



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

Exhibit A

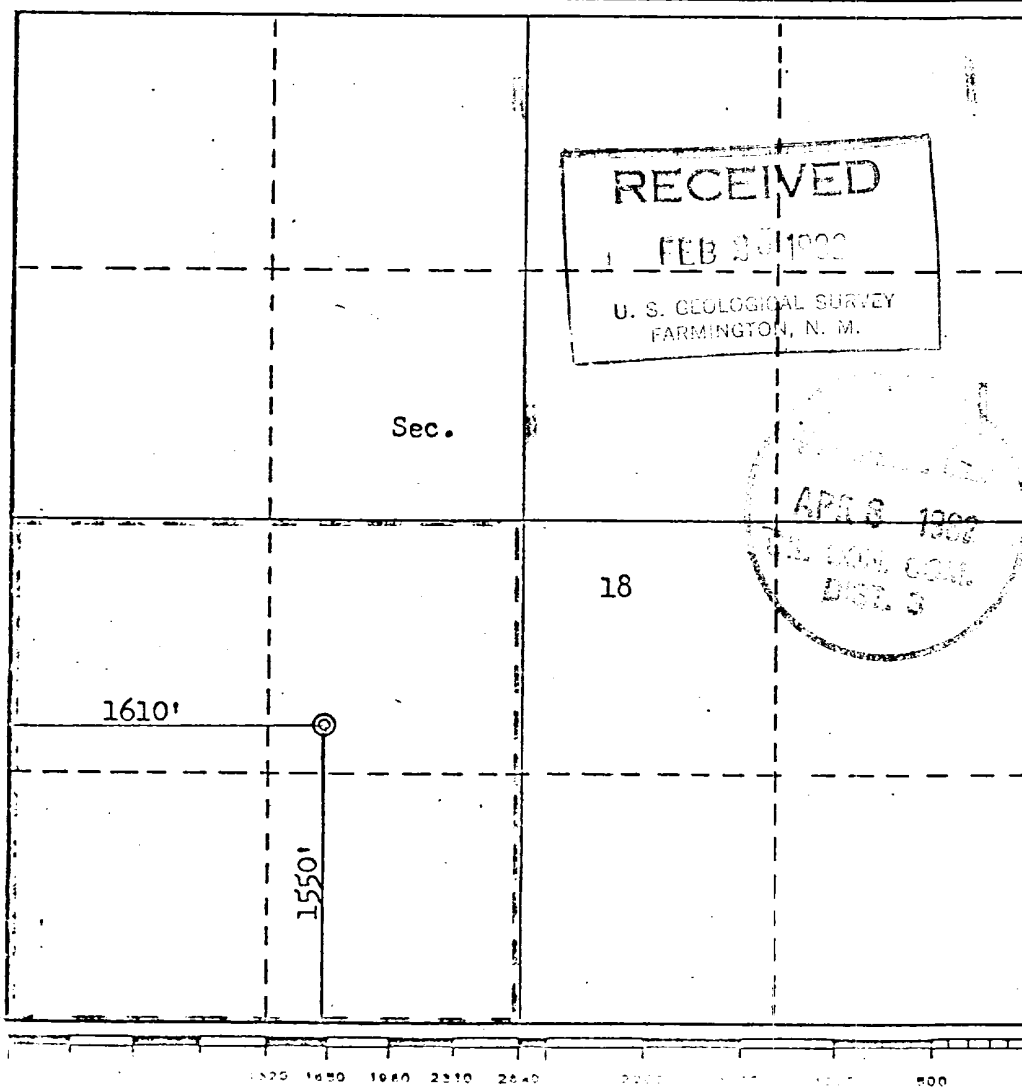
Operator AMERADA HESS CORPORATION			Lease JICARILLA APACHE "F"		Well No. 15
Unit Letter K	Section 18	Township 25N	Range 5W	County Rio Arriba	
Actual Footage Location of Well: 1550 feet from the South line and 1610 feet from the West line					
Ground Level Elev. 6512	Producing Formation Pictured Cliff		Pool Bance	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.



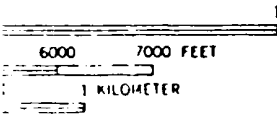
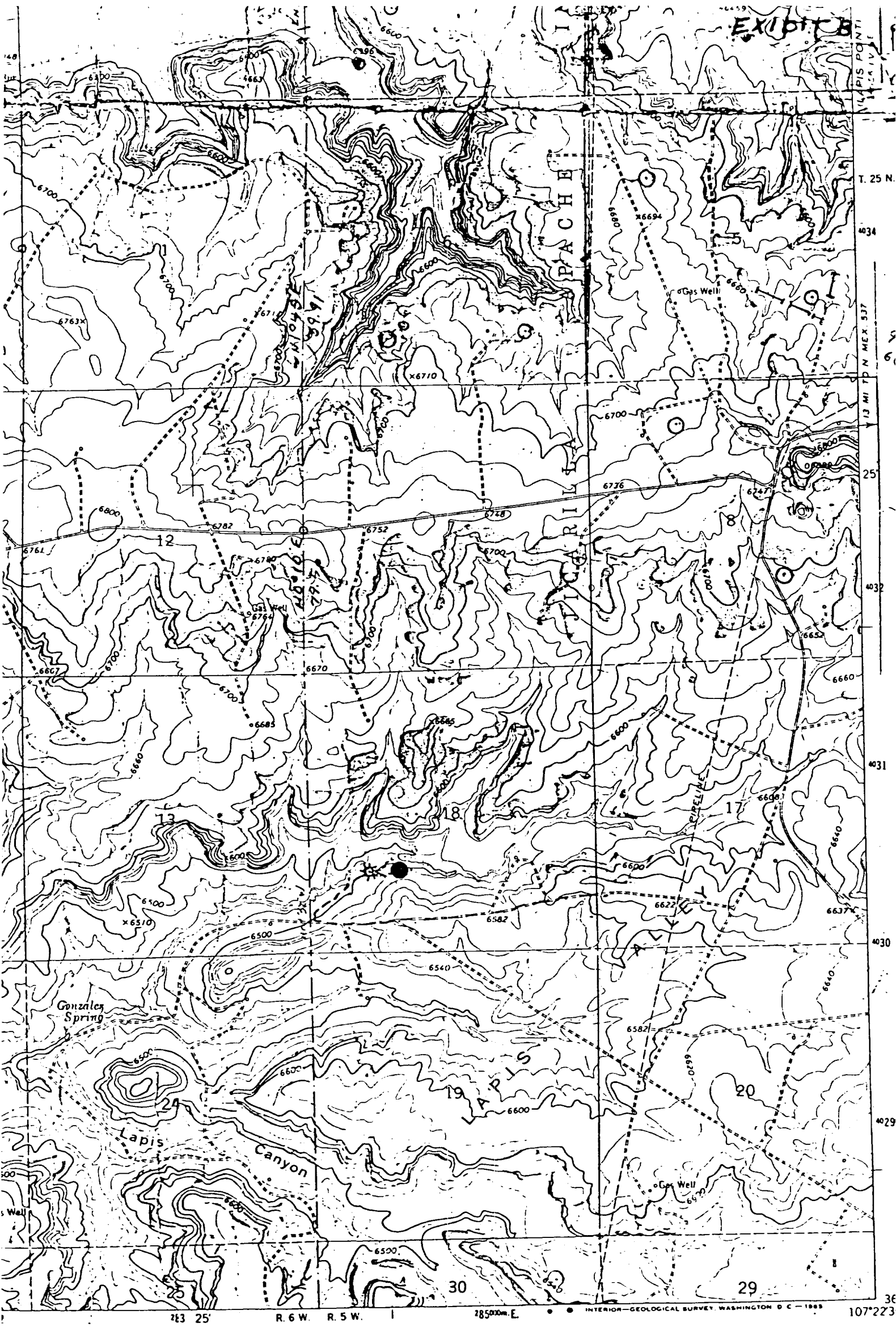
CERTIFICATION

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

Name
M. F. Lambert
Position
Drilling Supervisor
Company
Amerada Hess Corp
Date
2-24-82

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 23 1982
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3950



Vicinity Map for
AMERADA HESS CORP. #15 JICARILLA APACHE "F"
1550'FSL 1610'FWL Sec. 18-T25N-R5W
RIO ARRIJA COUNTY, NEW MEXICO

ROAD CLASSIFICATION
Unimproved dirt