

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-039-23117  
5. LEASE DESIGNATION AND SERIAL NO.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Amerada Hess Corporation Attn Drlg Services

## 3. ADDRESS OF OPERATOR

P. O. Box 2040, Tulsa Okla 74102

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 1680' FNL 1850' FEL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

16 miles North of Counselor

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

## 16. NO. OF ACRES IN LEASE

2560

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

2900

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6611'

## 22. APPROX. DATE WORK WILL START\*

Dec 1, 1982

## 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#	350'±	175 sx Circulation to surface
7-7/8"	5 1/2"	14#	2725'	570 sx

Procedure: Set 8-5/8" surface pipe @ 350'± drill to TD w/low water loss mud. Run logs set 5 1/2" production casing above pictured cliff zone and cmt 5 1/2" csg w/enough cmt to bring cmt top above Ojo Alamo Formation. Drill out 5 1/2" casing and complete well in pictured cliff formation.

Exhibits attached:

- A. Location and Elevation Plat.
- B. Access road topo map
- C. Multi point requirements 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

Supervisor Drlg Admin Services

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

NMOCC

APPROVED  
AS AMENDED

NOV 09 1982

JAMES F. SIMS  
DISTRICT ENGINEER

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

Exhibit A 1 of 2

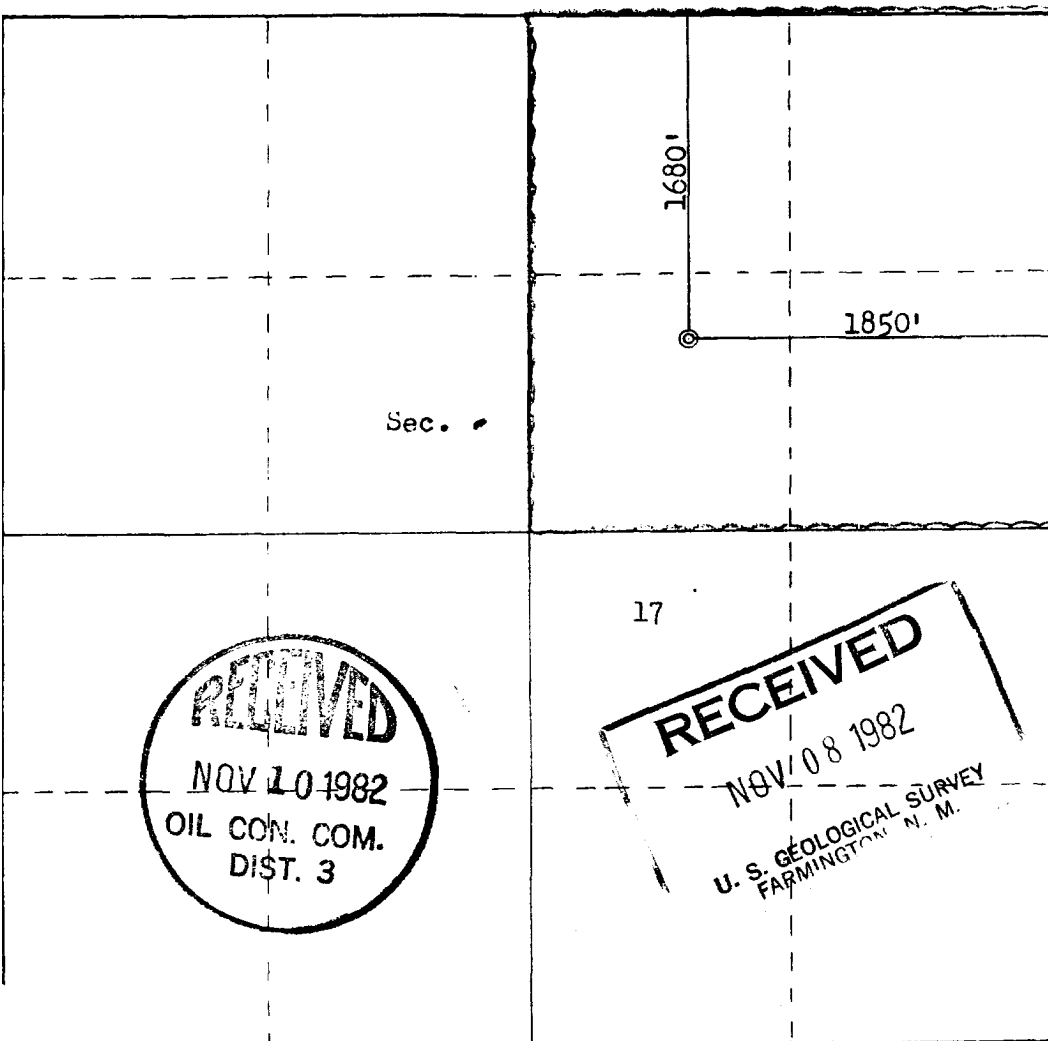
Operator <b>AMERADA HESS CORPORATION</b>			Lease <b>JICARILLA APACHE "F"</b>		Well No. <b>16</b>
Unit Letter <b>G</b>	Section <b>17</b>	Township <b>25N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1680</b> feet from the <b>North</b> line and <b>1850</b> feet from the <b>East</b> line					
Ground Level Elev. <b>6611</b>	Producing Formation <b>Pictured Cliff</b>		Pool <b>Blanco South</b>	Dedicated Acreage: <b>160</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.



Scale: 1"=1000'

CERTIFICATION

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

Name  
**J. R. Wilson**  
Position  
**Supervisor Drlg. Admin Serv.**  
Company  
**Amerada Hess Corp**  
Date  
**10-20-82**

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  
**September 15, 1982**  
Registered Professional Engineer and Land Surveyor  
**Fred B. Kerr Jr.**  
Certificate No.  
**3950**

Exhibit B

