

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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. 167		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache		
2. NAME OF OPERATOR Amerada Hess Corporation		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR Box 2040 - Tulsa, Oklahoma 74102		8. FARM OR LEASE NAME Jic. APACHE "I"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 950' FNL, 1520' FWL At proposed prod. zone		9. WELL NO. 8		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Est. 18-20 miles NE Lindrith, New Mexico		10. FIELD AND POOL OR WILDCAT S. Blanes Picture Cliff		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) N/A		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T23N, R3W		
16. NO. OF ACRES IN LEASE 2217.7		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL Picture Cliff 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 3200'		22. APPROX. DATE WORK WILL START* 10-15-79		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7160' GR				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8-5/8"	29#	300' +/-	350 Sx.
7-7/8"	4-1/2"	9.5#	3200' +/-	1000 Sx.

Plan to drill from surface to 300' +/- . Set and cement 8-5/8" csg. WOC and drill out from under 8-5/8" to proposed TD of 3200' ., or sufficient depth to test the Picture Cliff formation. Log well and if productive, complete as a gas well with 4 1/2" csg. set at TD and cemented. No cores or DST are anticipated.

Mud Program is to use low viscosity and low water loss mud from under surface casing to TD with viscosity 60-70 for logging.

Attachments: BOP equipment program, NTL-6, Surface usage plan, location maps, plats and drilling rig layout plan.

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 H.O. Porter H.O. Porter TITLE Supv. Drlg. Admin. Svcs. DATE Sept. 10, 1979

(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

oh Frank

\*See Instructions On Reverse Side

State

SEP 12 1979

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

All distances must be from the center line of the Section

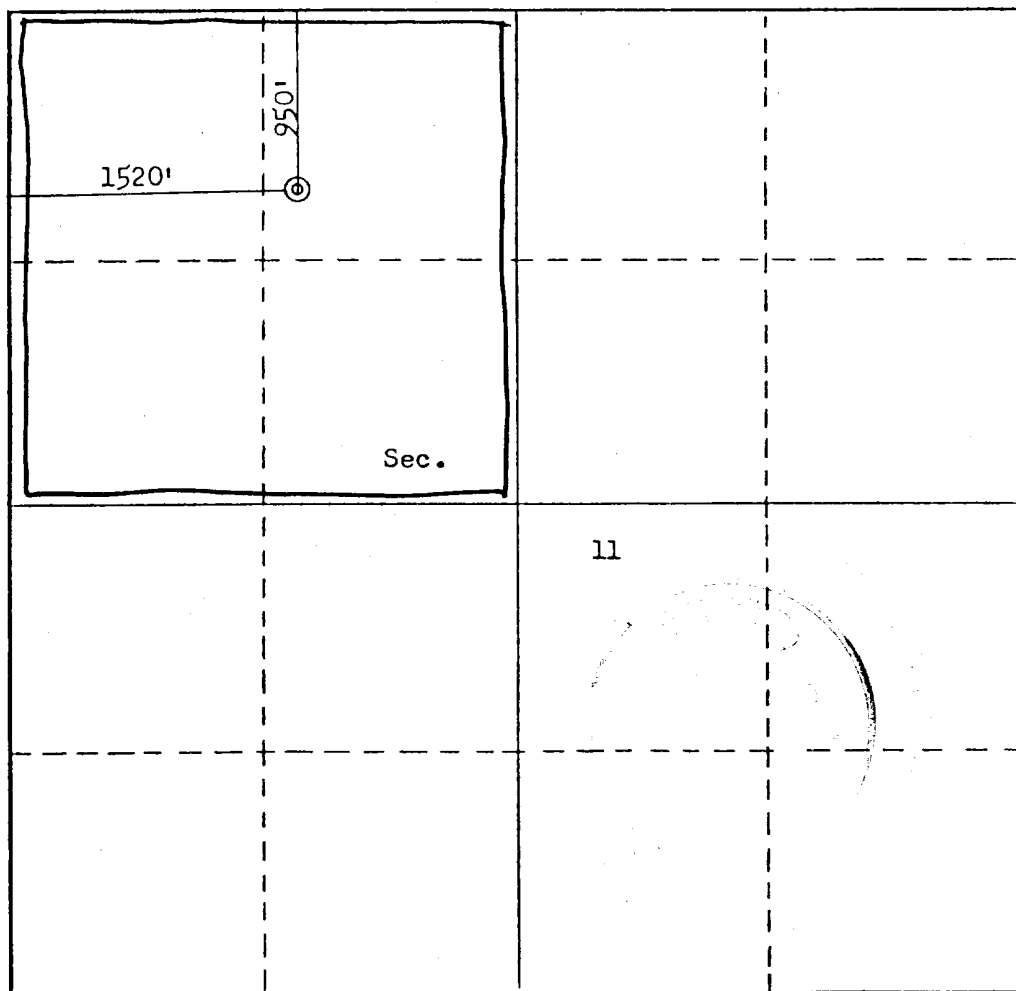
Operator <b>AMERADA HESS CORPORATION</b>			Lease <b>1979 JICARILLA #42 Apache I</b>		Well No. <b>8</b>
Unit Letter <b>C</b>	Section <b>11</b>	Township <b>23N</b>	Range <b>10E</b> County <b>Rio Arriba</b>		
Actual Footage Location of Well: <b>950</b> feet from the <b>North</b> line and <b>1520</b> feet from the <b>West</b> line					
Ground Level Elev. <b>7162</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>S. Blanco Picture Cliff</b>	Dedicated Acreage: <b>160</b> 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 N/A

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

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.

*H.O. Porter*  
H.O. Porter

Name

Supv. Drlg. Admin. Svcs.

Position

Amerada Hess Corporation

Company

September 10, 1979

Date

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

August 27, 1979

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr, Jr.*  
Fred B. Kerr, Jr.

Certificate No. **3950**  
B. KERR, JR.



