

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. 30-043-20324 NM 2407 Jic 414		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
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 "L"		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 800' FSL, 800' FEL At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Est. 26 miles North Cuba, New Mexico			10. FIELD AND POOL, OR WILDCAT Bakken Picture Cliff ext Graneros Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) NA			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T23N, R3W		
16. NO. OF ACRES IN LEASE 960			12. COUNTY OR PARISH Sandoval		
17. NO. OF ACRES ASSIGNED TO THIS WELL Dakota 300 - Picture Cliff 160			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA			19. PROPOSED DEPTH 7,100'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* May 15, 1978		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 7285' GR			23. PROPOSED CASING AND CEMENTING PROGRAM		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32#	300'	250 sx.
7 7/8"	5 1/2"	15.5# & 17#	7,000'	600 sx.

Plan to drill from surface to 300'. Run, set & cement 9 5/8" casing. WOC and drill out from under 9 5/8" to the Mancos Shale to proposed TD 7,100' or sufficient depth to test the Dakota gas sand. Log well and if productive, complete as a dual gas well with 5 1/2" casing set at TD and cement. 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 35-40 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. D. Porter TITLE Supv. Drlg. Admin. Serv. DATE 4-17-78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ok Enah TITLE _____ DATE APR 19 1978

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C. 20508

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

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

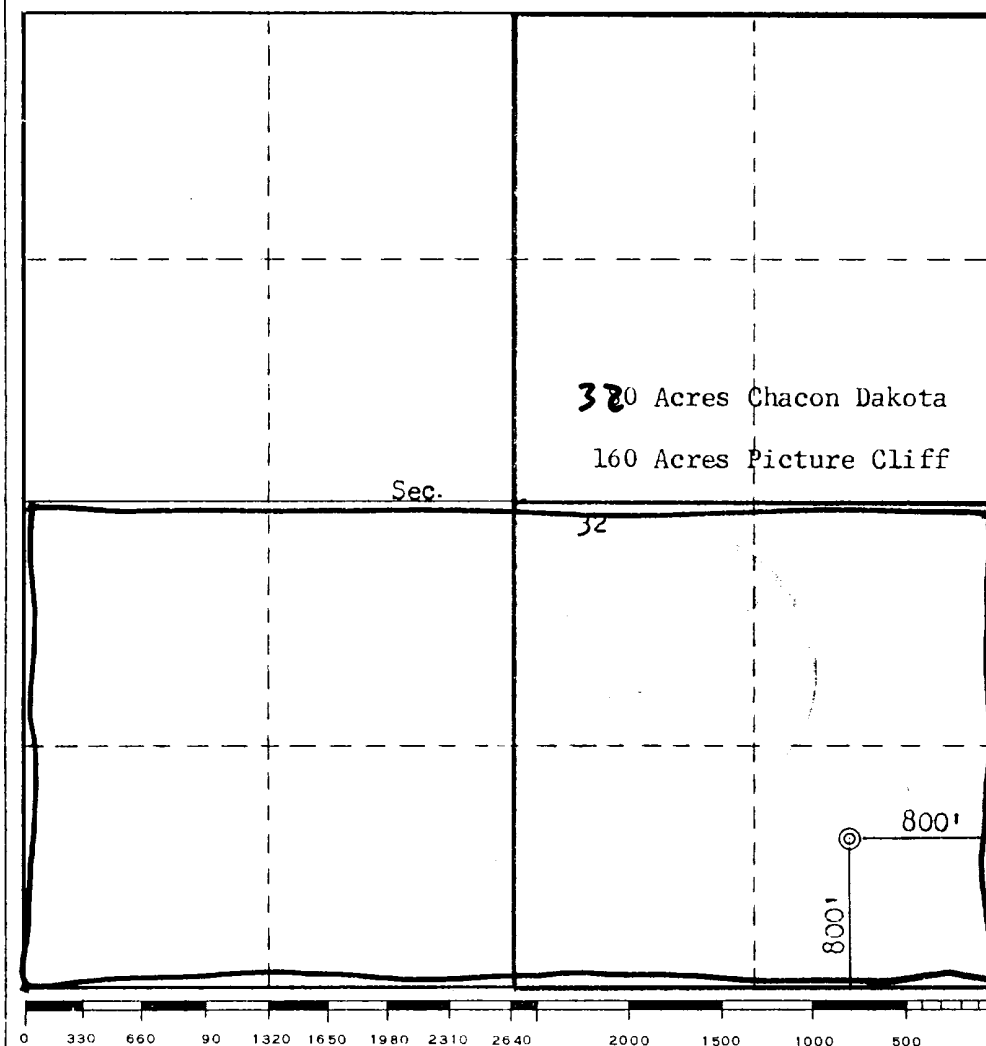
Operator Amerada Hess Corporation			Lease Jicarilla Apache L			Well No. 1
Unit Letter P	Section 32	Township 23N	Range 3W	County Sandoval		
Actual Postage Location of Well: 800 feet from the South line and 800 feet from the East line						
Ground Level Elev. 7285		Chacon Dakota Picture Cliff		Chacon Dakota Picture Cliff		Dedicated Acreage: 380 Acres See Below

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 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

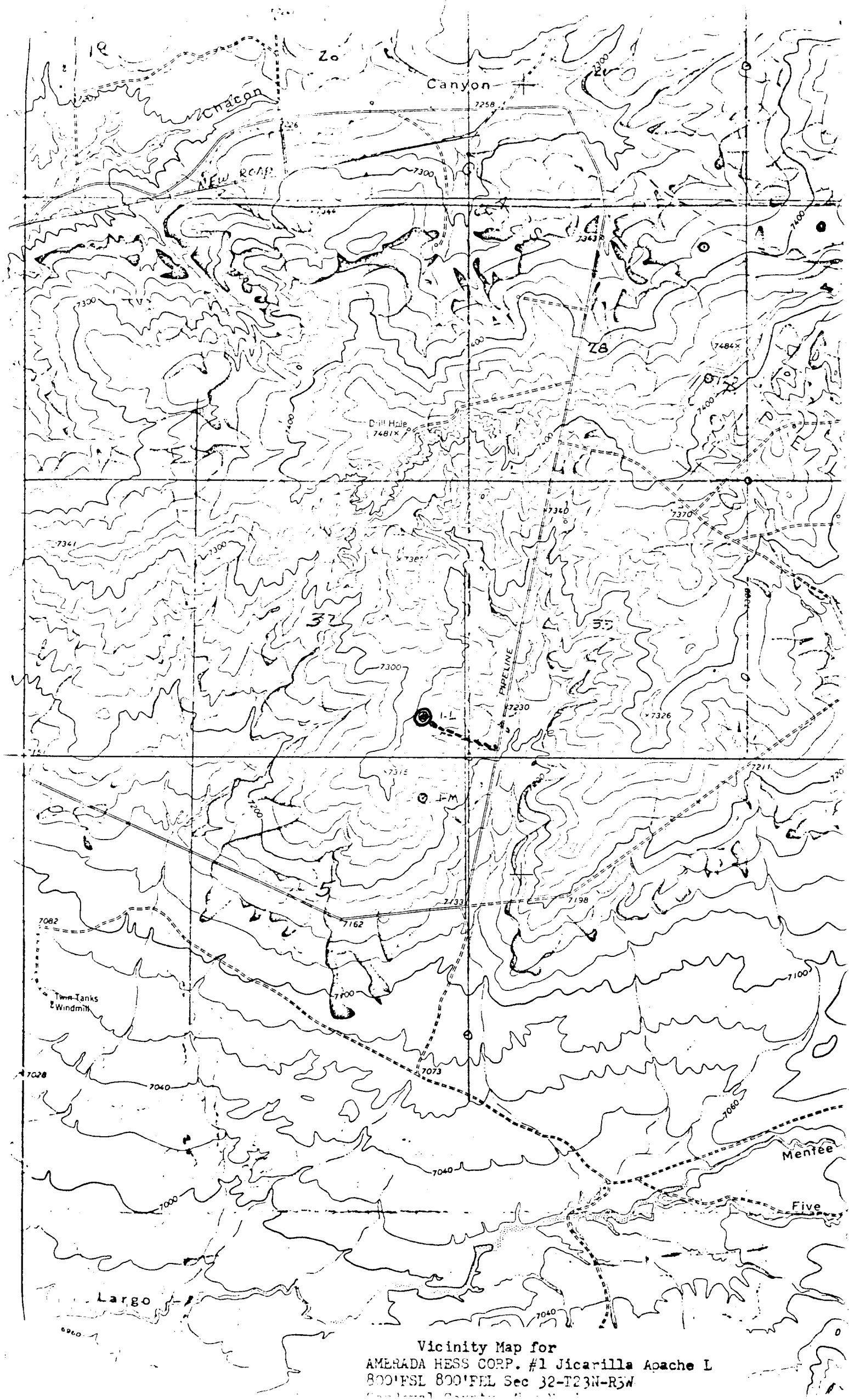
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

H. O. Porter

Name
H. O. Porter
Position
Supv. Drlg. Admin. Svcs.
Company
Amerada Hess Corporation
Date
April 15, 1978

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 **April 4, 1978**
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.
Certificate No. **3950**



Vicinity Map for
AMERADA HESS CORP. #1 Jicarilla Apache L
800'PSL 800'FEL Sec 32-T23N-R5W