

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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: Drilling Services

3. ADDRESS OF OPERATOR

Box 2040, Tulsa, Oklahoma 74102

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

At surface

990' FSL, 790' FEL

At proposed prod. zone

Dakota

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

Est. 7 miles SW of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

NA

16. NO. OF ACRES IN LEASE

2217.7

17. NO. OF ACRES ASSIGNED
TO THIS WELL

Dakota 320, Picture Cliff 160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

7800'

20. ROTARY OR CABLE TOOLS

Rotary

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

Est. 7220' G.L.

22. APPROX. DATE WORK WILL START*

5-15-77

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	32.75#	350 +/-	250 sx. & circ.
9 7/8 & 7 7/8	7" X 5 1/2"	23#, 15.5#, 17#	7800'	750 sx. Est. top of surface

Plan to drill a 15" hole from surface to 250', set and cement 10 3/4" new casing at 350' with 250 sx. cement (circ. cement), WOC and drill a 9 7/8" hole to the Mancos shale and a 7 7/8" hole to proposed TD of 7,800' or a sufficient depth to test the Dakota gas sand, log well and if productive, complete as a dual gas well with 5 1/2" OD, 15.5# new casing and cement at 7,800' +/- with 750 sx. cement.

No cores or drill stem tests are anticipated.

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

Attachments: Blowout 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

TITLE Admin. Asst. Drlg. Serv.

DATE March 23, 1977

(This space for Federal or State office use)

PERMIT NO.

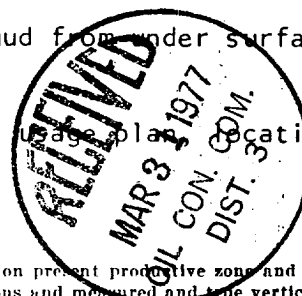
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*alcal**ST*

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-55

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

Operator Amerada Hess Corporation			Lease Jicarilla Apache I		Well No. 6
Unit Letter P	Section 11	Township 23N	Range 3W	County Rio Arriba	

Actual Footage Location of Well:

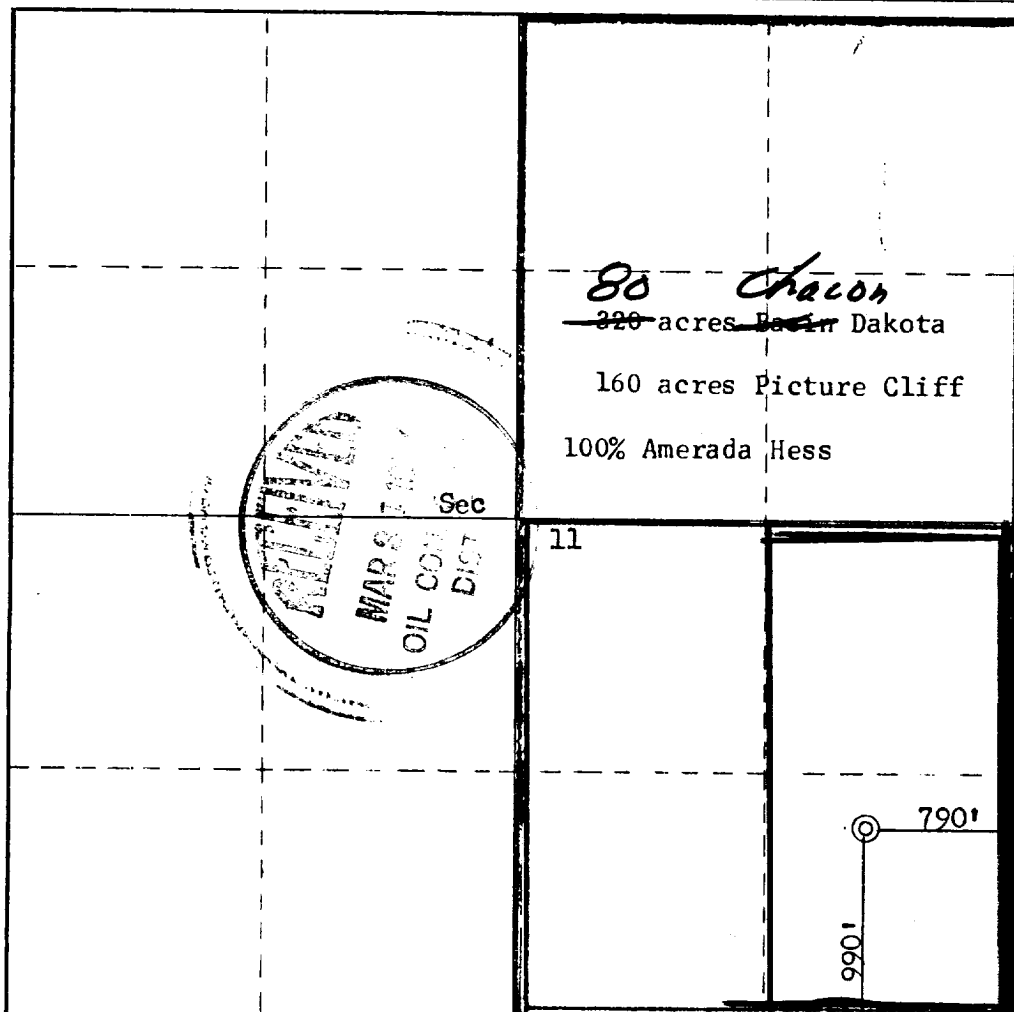
990	feet from the South	line and 790	feet from the East	line
Ground Level Elev. 7236	Production Formation Basin Dakota Picture Cliff		Pool Chacon	Dedicated Acreage: see below Acres

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 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
Admin. Assist, Drlg. Svcs.
Company
Amerada Hess Corp.
Date
February 9, 1977

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 4, 1977
Registered Professional Engineer and/or Land Surveyor
Fred B. Kerr Jr.
Certificate No.
3950