

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-22384  
039 21384  
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: 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

1750' FNL, 1750' 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 drg. unit line, if any)

NA

16. NO. OF ACRES IN LEASE

2217.7

17. NO. OF ACRES ASSIGNED

TO THIS WELL 80

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. 7320' G.L.

22. APPROX. DATE WORK WILL START\*

5-1-77

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. 8 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. J. Porter

TITLE

Admin. Asst. Drlg. Serv.

DATE

March 23, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

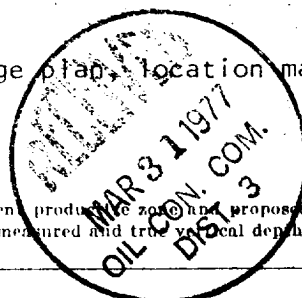
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Ok



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.

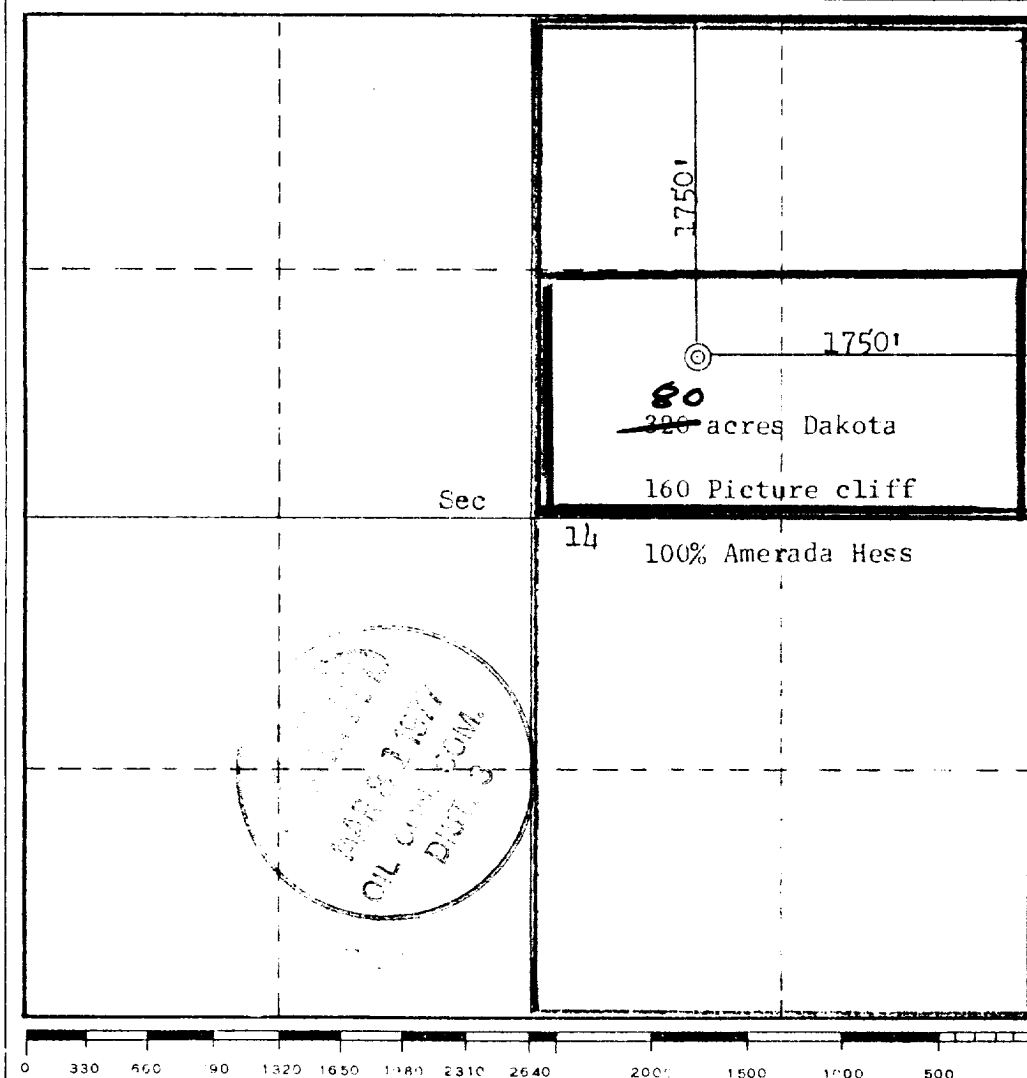
Operator <b>Amerada Hess Corporation</b>			Lease <b>Jicarilla Apache I</b>		Well No. <b>B5</b>
Unit Letter <b>G</b>	Section <b>14</b>	Township <b>23N</b>	Range <b>3W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1750</b> feet from the <b>North</b> line and <b>1750</b> feet from the <b>East</b> line					
Ground Level Elev. <b>7307</b>	Producing Formation <del>Basin Dakota</del> <b>Chaco</b> <b>Picture Cliff</b>			Dedicated Acreage: <b>see below</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 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 9, 1977**

Registered Professional Engineer and/or Land Surveyor  
*Fred B. Keir Jr.*

Certificate No.  
**3950**