

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

P. O. Box 2040, Tulsa, OK 74102

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

At surface

1650' FWL &amp; 990' FSL

At proposed prod. zone

Same as above

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

Est. 15 miles WSW 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

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

NA

## 16. NO. OF ACRES IN LEASE

2569.32

## 19. PROPOSED DEPTH

6900'

## 17. NO. OF ACRES ASSIGNED

TO THIS WELL W/323,18B. Dakota 320, Pictured Cliff 16

## 20. ROTARY OR CABLE TOOLS

Rotary

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

Gr. 6736'

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

May 15, 1976

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8	32.3#	350'±	253 sx & circ
8 3/4"	5 1/2	15.5#	6900'±	750 sx (est. top at Surf)

Plan to drill a 12 1/4" hole from surface to 350', set and cement 9 5/8" new casing at 350' with 250 sx cement (circ cement), WOC and drill an 8 3/4" hole to the Mancos shale and a 7 7/8" hole to the proposed TD of 6900' 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 6900'± with 750 sx cement. No cores or drill stem tests are anticipated.

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

Attachments: Blowout equipment program, 12 point 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

*J. L. McLean*

Acting

TITLE Supv Tech/Drlg Adm Serv

DATE April 29, 1976

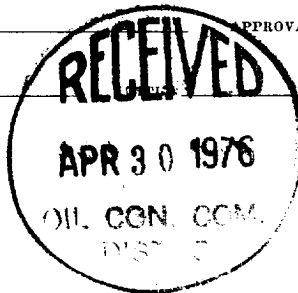
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*ok*

APR 29 1976

U.S. GEOLOGICAL SURVEY

**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.

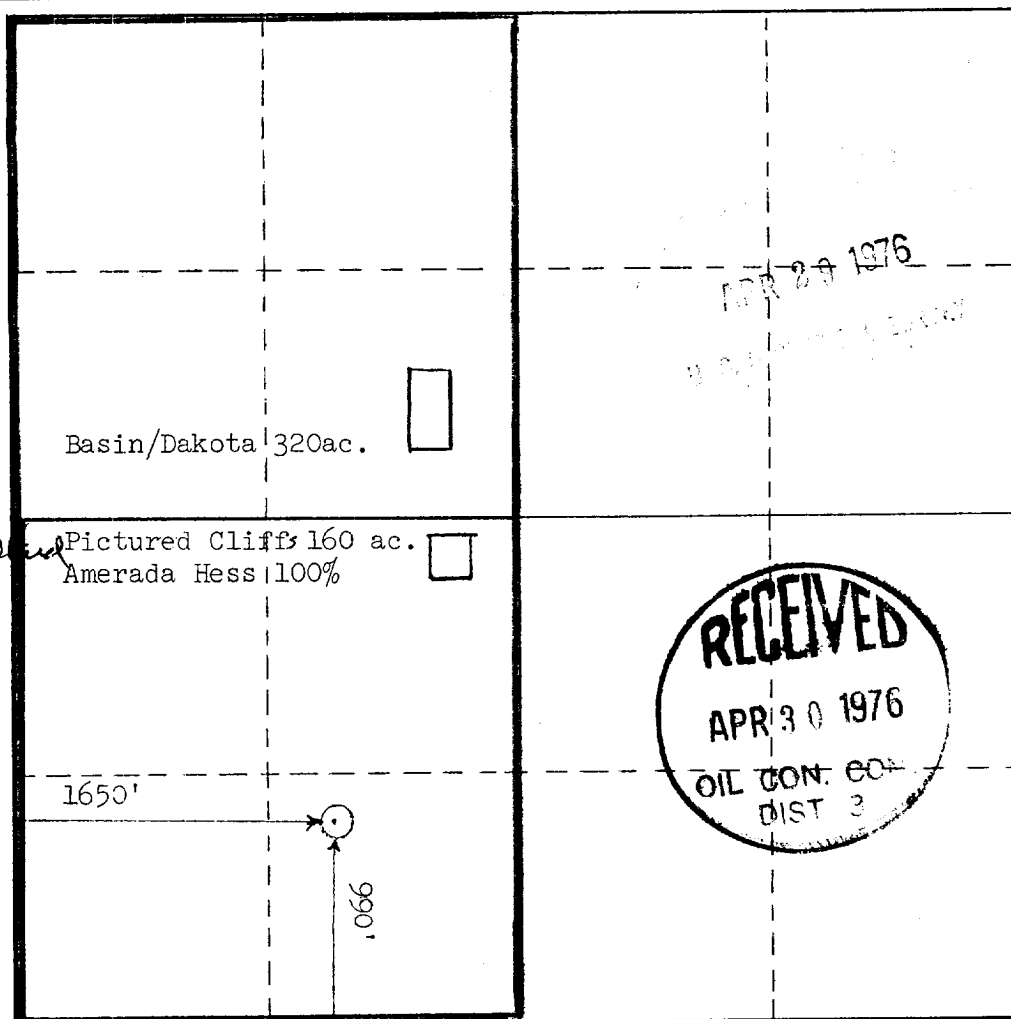
Operator <b>Amerada Hess Corporation</b>			Lease <b>Jicarilla Apache "D"</b>		Well No. <b>2</b>
Unit Letter <b>N</b>	Section <b>2</b>	Township <b>23N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>West</b> line and <b>990</b> feet from the <b>South</b> line					
Ground Level Elev. <b>6736'</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota/Pictured Cliffs</b>		Dedicated Acreage: <b>323.18</b> <del>320.6</del> <b>160.80</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 NA

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

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.

*J. R. Wilson*  
Name

J. R. Wilson

Acting  
Supv. Tech/Drlg Adm. serv.

Company  
Amerada Hess Corporation

Date  
April 26, 1976

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

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.