

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

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

890' FNL, 1750' FEL

At proposed prod. zone

Same

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

Est. 18 miles West 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

1920

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

7000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL320 Basin Dakota
160 Ballard Picture Cliff

20. ROTARY OR CABLE TOOLS

Rotary

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

6608 G.L.

22. APPROX. DATE WORK WILL START*

7-15-77

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' ±	250 Sx. (circ.)
8 3/4"	5 1/2"	15.5#	7000' ±	750 Sx.

Plan to drill 12 1/4" hole from surface to 350'. Set and cement 9 5/8" new casing at 350' with 250 sx. cement (circ.), W.O.C. and drill 8 3/4" hole to the Maucas shale and 7 7/8" hole to proposed TD of 7,000' or a sufficient depth to test Dakota Gas Zone. Log well and if productive, complete as a gas well, with 5 1/2" OD 15.5# new casing and cement at 7000' ± with 750 sx. cmt. No cores or DST is anticipated.

Mud program is to use Low Vis. and Low Water loss mud out from under surf. csg. to TD w/viscosity 60-70 for logging.

Attachments: Blowout equipment program, 12 pt. surface usage plan, location maps, plats and drlg. rig layout plan.

Gas is dedicated
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. Porter

TITLE Admin. Assist. Drlg. Svcs.

DATE 7-8-77

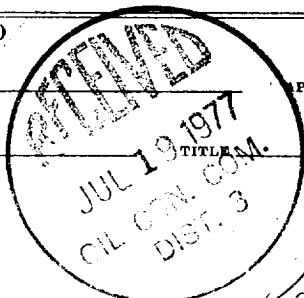
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Chief*State*

JUL 18 1977