

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: Drlg Services

3. ADDRESS OF OPERATOR

P. O. Box 2040 Tulsa, Oklahoma, 74102

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

At surface 870' FSL, 790' FWL

At proposed prod. zone

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

5 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)

18. DISTANCE FROM PROPOSED LOCATION*

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

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

7155. Ground

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24# K-55	350±	175 sx Circulating to surface
7-7/8	5 1/2"	14# K-55	2944±	615 sx

Procedures: Set 8-5/8" surface pipe @ 350' Drill to TE w/low water loss mud. Run electric logs, set 5 1/2" production casing above pictured cliff zone and cement 5 1/2" casing w/enough cmt to bring cement top above the OJO Alamo formation. Drill out 5 1/2" casing and complete well in pictured cliff fformation,

Exhibits attached:

- A. Location and elevation plat
- B. Access Road topo map.
- C. Multi point requirement for APD
- D. 10 point Compliance Program
- E. Plat showing existing wells
- F. Rig Layout
- G. BOP Digram
- H. Archaeological Report.

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. R. Wilson J. R. Wilson TITLE Supervisor Drlg Admin Serv. DATE 11-1-82

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED
AS AMENDED

DATE DEC 08 1982

JAMES F. SIMS
DISTRICT ENGINEER

NMOC

30-039-23130
LEASE DESIGNATION AND SERIAL NO.

Jic 158

C. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache H Tract 1

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Blanco South PC

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 5, T23N, R2W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

16. NO. OF ACRES IN SECTION, N. M.

1280

19. PROPOSED DEPTH

3100

17. NO. OF ACRES ASSIGNED
TO THIS WELL

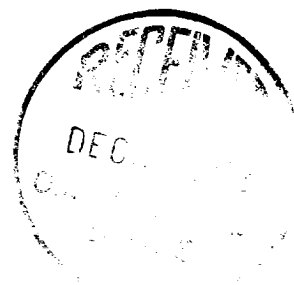
160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

Dec. 1, 1982



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Exhibit A 12/82

Form C-107
Revised 10-1-78

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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

Operator AMERADA HESS CORPORATION			Lease JICARILLA APACHE TRACT #1 "H"		Well No. 4
Unit Letter M	Section 5	Township 23N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 870 feet from the South line and 790 feet from the West line					
Ground Level Elev. 7155	Producing Formation Pictured Cliff		Pool Blanco South		Dedicated Acreage: 160 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 _____

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

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.

Sec.		5	
790'		870'	

CERTIFICATION

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

Name **J.R. Wilson**
Position **Supervisor Drlg. Admin. Serv.**

Company **Amerada Hess Corporation**

Date **10-20-82**

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 **September 15, 1982**
Registered Professional Engineer and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **1050**

