

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21382

5. LEASE DESIGNATION AND SERIAL NO.

Jic 167

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

J. Apache "I"

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Picture Cliff *ext*Dakota *ext*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 11, T23N, R3W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

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

890' FSL, 890' FWL

At proposed prod. zone

Same

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

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

NA

16. NO. OF ACRES IN LEASE

2217.7

19. PROPOSED DEPTH

7800'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

Dakota ~~320~~ Picture Cliff 160

20. ROTARY OR CABLE TOOL

Rotary

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

Est. 7205' G.L.

22. APPROX. DATE WORK WILL START*

4-15-77

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.

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. 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:

*OK**ST*

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.

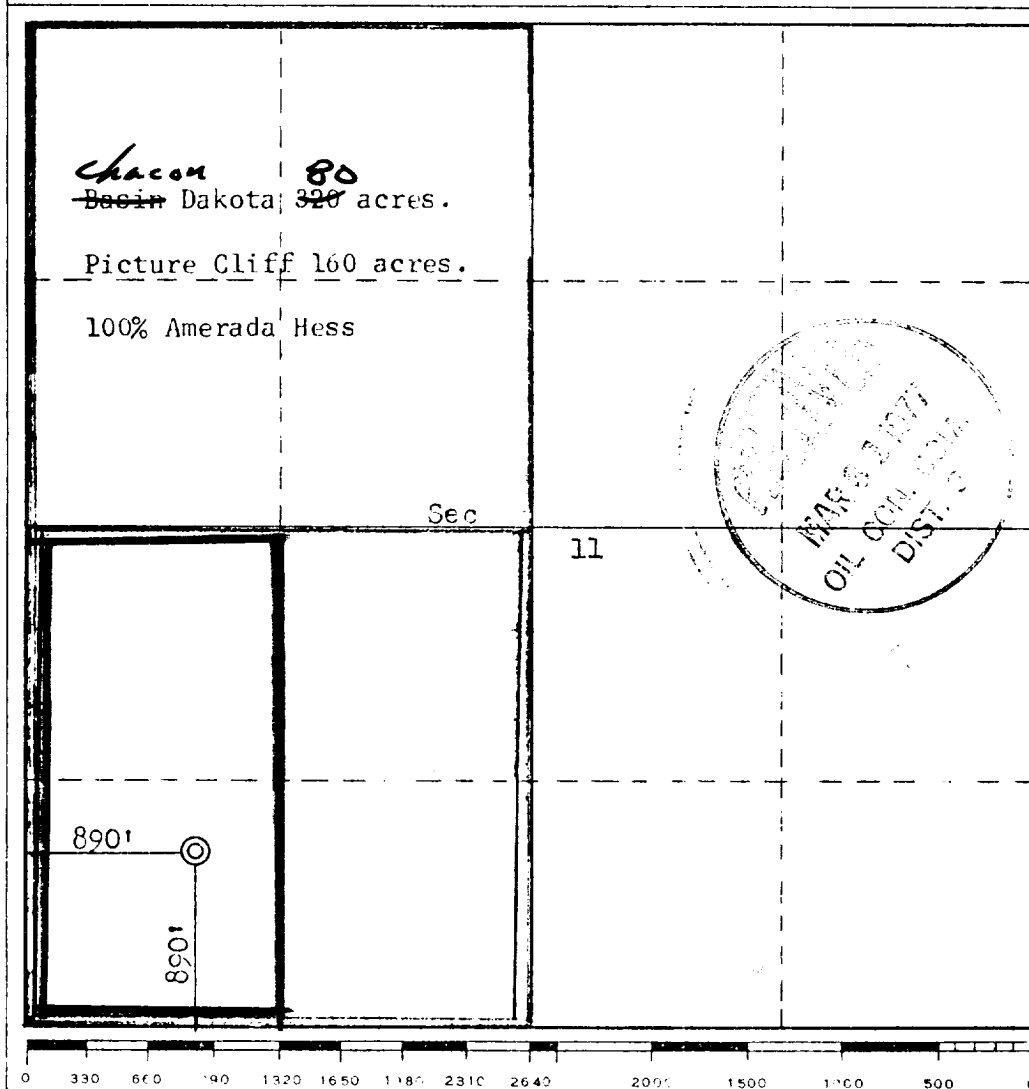
| | | | | | |
|--|---|------------------------|------------------------------------|--|----------------------|
| Operator Amerada Hess Corporation | | | Lease Jicarilla Apache I | | Well No. 4 |
| Unit Letter M | Section 11 | Township 23N | Range 3W | County Rio Arriba | |
| Actual Footage Location of Well: 890' feet from the South line and 890' feet from the West line | | | | | |
| Ground Level Elev. 7196 | Producing Formation Chacon Basin Dakota Picture Cliff | | | Dedicated Acreage: See below 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 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