

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

MURON DRILLING COMPANY, INC.

3. ADDRESS OF OPERATOR

715 FARMERS UNION BUILDING, DENVER 3, COLORADO

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

At surface 800 FEET FROM THE SOUTH LINE AND 825 FEET FROM THE

WEST LINE.

At proposed prod. zone

SAME AS ABOVE.

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

30 MILES SOUTH OF BLOOMFIELD, NEW MEXICO.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

800 FT.

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

5000 FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2440 FT.

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

ROTARY TOOLS

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

6501 FT. - UNGRADED GROUND LEVEL

22. APPROX. DATE WORK WILL START*

JANUARY 25, 1964

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	100 FT.	80 BAGS
7 7/8"	4 1/2"	9.50	2440 FT.	150 BAGS

WE PROPOSE TO DRILL A PICTURED CLIFFS WELL - ANTICIPATED TOTAL DEPTH 2440 FT.

ROTARY TOOLS WILL BE USED TO MUD DRILL WELL FROM SURFACE TO TOTAL DEPTH.

WELL WILL BE SAND FRACED TO STIMULATE PRODUCTION.

1", 1.70# NON-UPSET TUBING WILL BE LANDED AT APPROXIMATELY 2350 FT. MARK.

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

R. N. PHILLIPS

TITLE

DRILLING SUPERINTENDENT

DATE

JANUARY 10, 1964

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

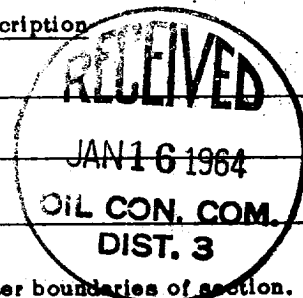
Section A.

Date January 10, 1964

Operator HURON DRILLING COMPANY Lease None
 Well No. 3 Unit Letter M Section 9 Township 26 NORTH Range 8 WEST NMPM
 Located 800 Feet From the SOUTH Line, 825 Feet From the WEST Line
 County SAN JUAN G. L. Elevation 6501.0 Dedicated Acreage 100 Acres
 Name of Producing Formation Pictured Cliffs Pool Ball and Pictured Cliffs

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes XX No _____
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes _____ No _____. If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

OwnerLand Description



Section B.

Note: All distances must be from outer boundaries of section.

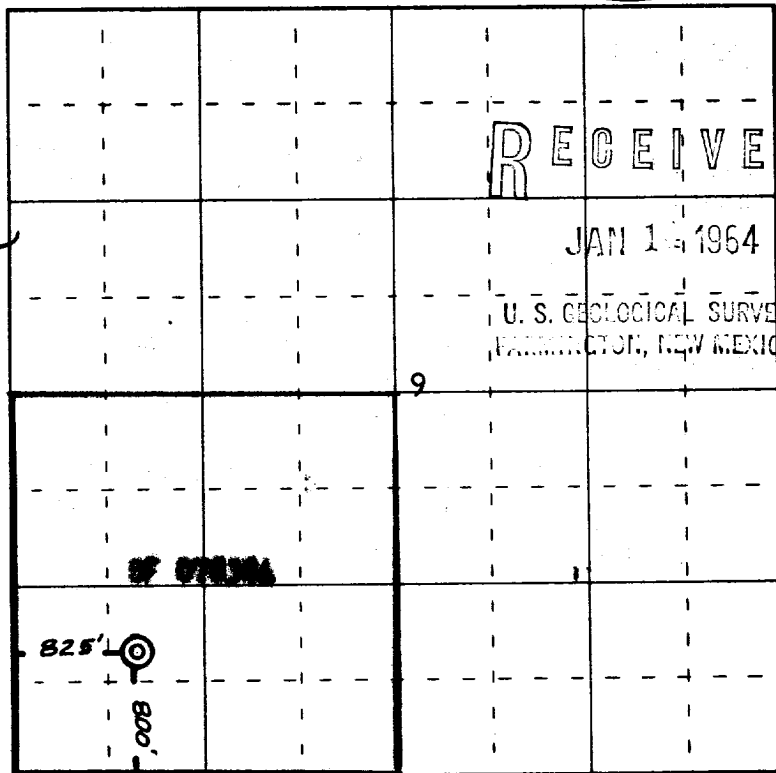
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

HURON DRILLING COMPANY, INC.
 (Operator)

R. N. PHILLIPS
 (Representative)

713 FARMERS UNION BLDG.
 (Address)

DENVER 3, COLORADO



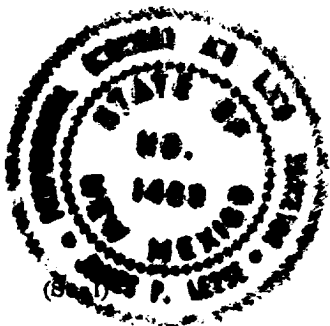
0 330 660 990 1320 1650 1980 2310 2640 2000 1600 1000 500 0

Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Date Surveyed 6 January 1964

James P. Leese
 Registered Professional Engineer and/or Land Surveyor
 James P. Leese, N. Mex. Reg. No. 1463
 San Juan Engineering Company



Farmington, New Mexico