

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

RUTH ROSS

3. ADDRESS OF OPERATOR

P. O. Box 464 Santa Fe NM 87501

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

At surface

330' FSL 990' FWL

At proposed prod. zone

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

About 8 miles north of Crownpoint

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

330'

16. NO. OF ACRES IN LEASE

680? 360

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

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19. PROPOSED DEPTH

225'

20. ROTARY OR CABLE TOOLS

Combination air & cable tls.

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

6680

GR

22. APPROX. DATE WORK WILL START*

January 31, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 inch	7 inch	18#	30'	10 sx

This Menefe test is intended to explore the shallow Mesaverde sands which have had large numbers of oil shows in uranium drilling in the area.

We will be in the Mesaverde all the way from surface to TD.

Well control will be by full opening globe valve with oil saver.

Logging will be from cuttings.

If production is indicated, we propose to set 4.5 inch 8# casing to TD and circulate cement to ~~xx~~ surface.

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

Thomas D. Chace

TITLE

JAN 20 1981

DATE January 6, 1981

(This space for Federal or State office use)

PERMIT NO.

OIL CON. COM.

DIST. 3

APPROVED DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

ch 3

TITLE

NMOC

APPROVED
AS AMENDED
James F. Sims
JAN 19 1981JAMES F. SIMS
DISTRICT ENGINEER

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.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

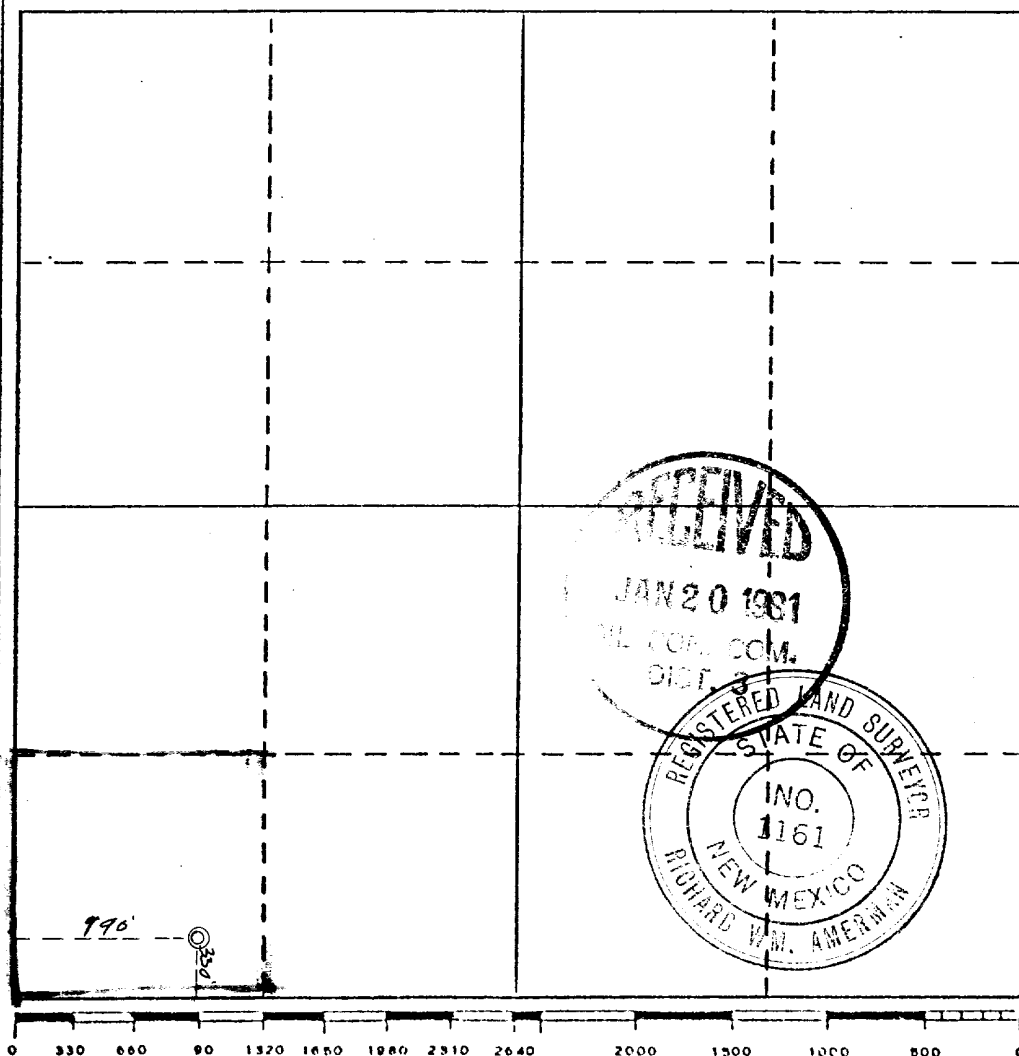
Operator RUTH ROSS		Lease (NM 13053) (Alma Lou)		Well No. 1-B
Unit Letter M	Section 5	Township 18 North	Range 12 West	County Mc Kinley
Actual Footage Location of Well: 330 feet from the South line and 990 feet from the West line				
Ground Level Elev. 6680 GR	Producing Formation MV	Pool WC	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

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

Name **Thomas D. Chice**Position **Ruth Ross**Company **Agent**Date **January 6, 1981**

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.

January 6, 1981Date Surveyed
Richard W. American
Registered Professional Engineer
and/or Land Surveyor

#1161

Certificate No.

SURFACE USE AND OPERATING PLAN

NM 13053

RUTH ROSS

Our operations plan is pretty simple because of the shallow nature of the drilling wherein a very small rig will be used--with air--no dozer, no mud pit, no road building. There will be practically no surface disturbance of any kind.

Other details of operations have been spelled out in the ADP.

SURFACE USE PLAN

EXISTING ROADS

This well is located just some 300 feet off of the good dirt road used by others for local travel. Since this road is maintained by others, we will not need to improve or maintain it.

~~Planned~~ PLANNED ACCESS ROAD

The closeness of the well to the above mentioned local road will eliminate the need for any road construction.

LOCATION OF EXISTING WELLS

There are numerous plugged boreholes in the area. Maps ~~of~~ are attached which show these.

THE LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

This lease has no presently existing facilities. We do not own or control any facilities in the area.

We will provide fences and other needed forms of protective measures to protect livestock and wildlife.

We will level and reseed disturbed areas no longer needed for operations after any construction is completed.

LOCATION AND TYPE OF WATER SUPPLY

This operation will not need water for drilling. The town of Crownpoint is close by, so we can secure any small water needs there. If production is secured and we find a substantial need for water, we agree to ask permission ~~2~~ before drilling water wells.

SOURCE OF CONSTRUCTION MATERIALS

Construction materials will be brought from commercial suppliers--there are no suitable sand, gravel or timber present in the area.

METHODS FOR HANDLING WASTE DISPOSAL

This hole will be drilled primarily with air. Cuttings will be buried and the small pit provided for any cable tool work will be properly leveled and reseeded when the rig moves out. Fencing will be provided for protection around pits while awaiting cleanup.

ANCILIARY FACILITIES

No camps or airstrip s will be required at this time.

WELL SITE LAYOUT

Plat attached.

We will not use much in the way of pits and they will not be lined.

PLANS FOR RESTORATION OF SURFACE

No ground disturbance will be done that will require appreciable backfilling.

Revegetation and rehabilitation will be accomplished according to BLM recommendations.

When rig is released, we will fence all pits until final cleanup.

OTHER INFORMATION

The topography is quite varied but has only gentle slopes.

The surface strata are the Mesaverde.

The other surface ~~use~~ activity is that of the BIA, who manages the surface. The grazing of sheep, presumably, is the only use.

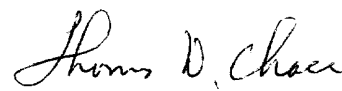
LESSEE'S OR OPERATORS'S REPRESENTATIVE

Thomas D. Chace P. O. Box 464 Santa Fe NM 87501 505 983 6751

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the prop osed drillsite and access route; that I am familiar with conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations prop osed herein will be performed by Thomas D. Chace and others and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

January 6, 1981


Thomas D. Chace
AGENT

NM 13053 T18N R12W

OPERATIONS LAYOUT RUTH ROSS #1-5 SEC 5

