

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

Robert N. Enfield ✓

3. ADDRESS OF OPERATOR

P. O. Box 2431 Santa Fe, New Mexico 87501

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

At surface

1980 FNL & 660 FWL

T-23-S, R-27-E, Sec. 34, C.C.C.

At proposed prod. zone

Delaware

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

Three (3) miles Southwest of Loving, New Mexico

16. NO. OF ACRES IN LEASE

720

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

None

19. PROPOSED DEPTH

2,600

20. ROTARY OR CABLE TOOLS

Rotary

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

3185

22. APPROX. DATE WORK WILL START*

May 25, 1974

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#	200'	200 sx. circulated
6 3/4"	4 1/2"	9.5#	2,600'	200 sx.

Will use native mud and some gel.

B. O. P. Double Shaeffer 10" - 900 Series Hyd/6000#

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

TITLE Operator

DATE 5/10/74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

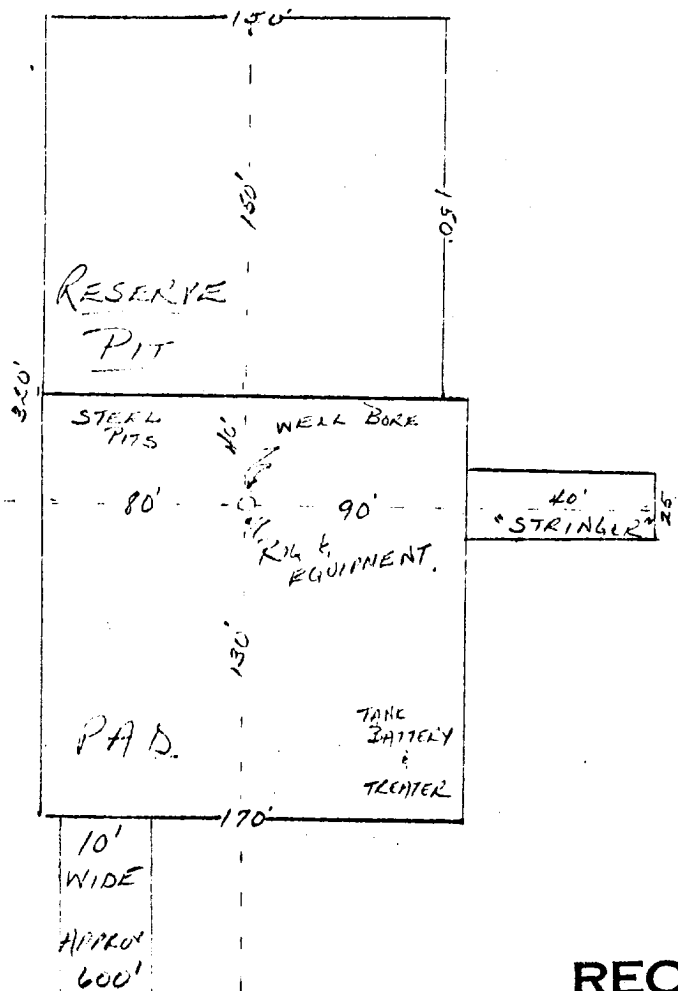
DISTRICT ENGINEER

DATE

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MAY 30 1974

O. C. C.
ARTESIA, OFFICE



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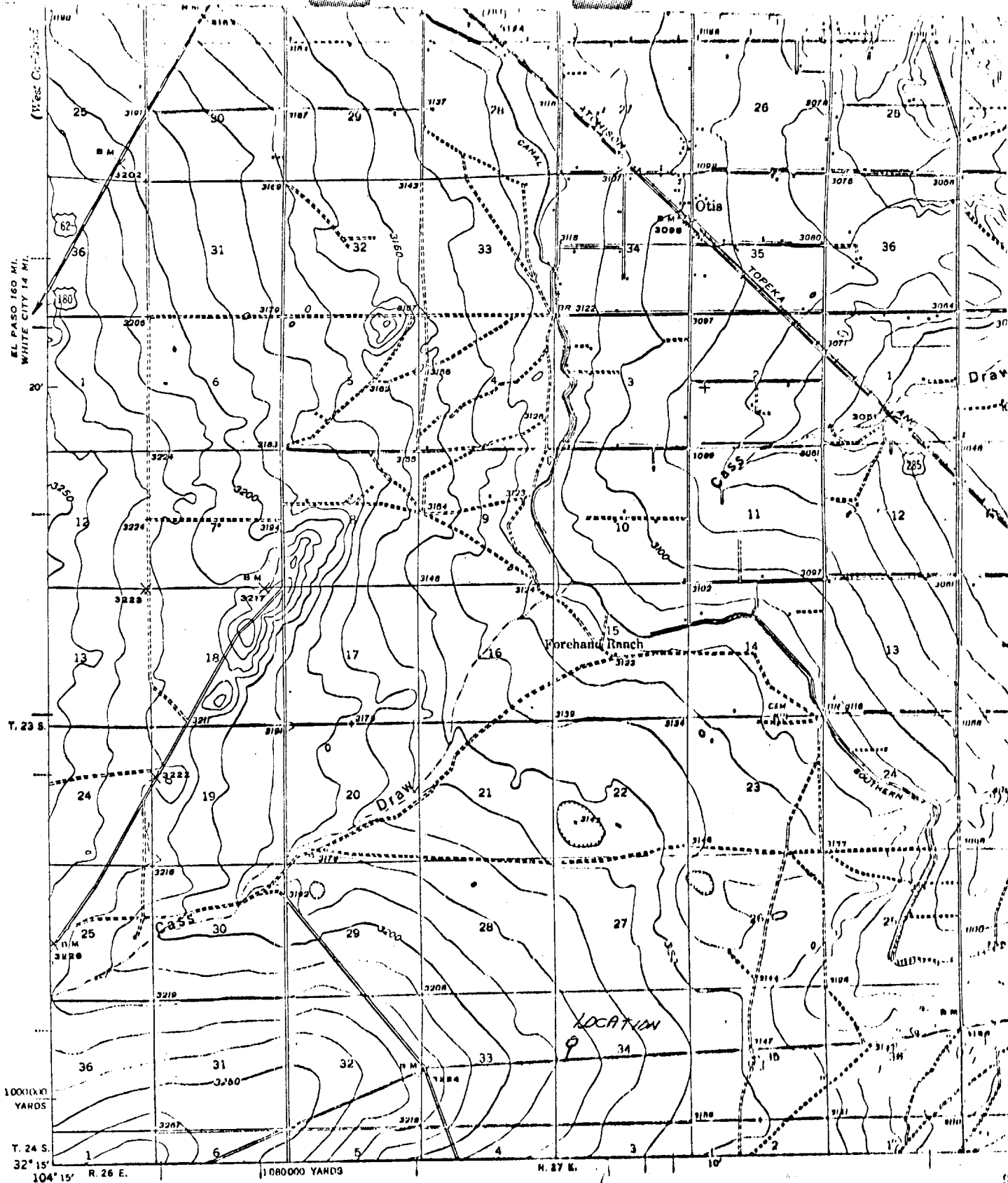
MAY 20 1974

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

ROBERT N. ENFIELD

Terra Federal #1

T-23-S R-27-E



Topography by Max J. Gloissner, T. T. Ranney,
M. C. McClellan, C. E. Walker, R. E. Isto,
R. E. Mann, N. B. Wright, and Pecos
River Survey

Surveyed in 1935 and 1939

Red dots indicate areas in which

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MAY 20 1944

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ARTESIA, NEW MEXICO

(Cartabod Caverna East)

TRUE NORTH
MAGNETIC NORTH

Development plan for surface use to accompany, "Applications to Drill Onshore Oil, Gas, or Geothermal Steam Wells on Public Domain and acquired Federal Lands:"

1. Existing roads. See attached topo and land plat.
2. Planned access roads. See attached topo and land plat.
3. Location of well. See attached land plat.
4. Lateral roads to wells locations. See attached land and topo plats.
5. Location of tank batteries and flowlines. Tank battery on edge of pad. Flow lines from well to tanks and pipeline.
6. Locations and types of water supply. Haul from nearest commercial source
7. Methods for handling waste disposal. Pits
8. Location of camps. None planned
9. Location of airstrips. None planned
10. Location layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc. See sketch.
11. Plans for restoration of the surface. In accordance with the regulations.
12. Any other information which the Approving Official considers essential to his assessment of the impact on the environment. It is difficult to imagine how anything we could do could hurt the environment at this location.

The affected Federal and State surface managing agencies shall have access to or, if feasible, may be provided with copies of such development plans.

Field representative responsible for compliance with the plan for surface use is:

Robert N. Enfield
Telephone: Office 505-988-2863
Home 505-982-0092

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WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes C-128
Effective 1-1-65

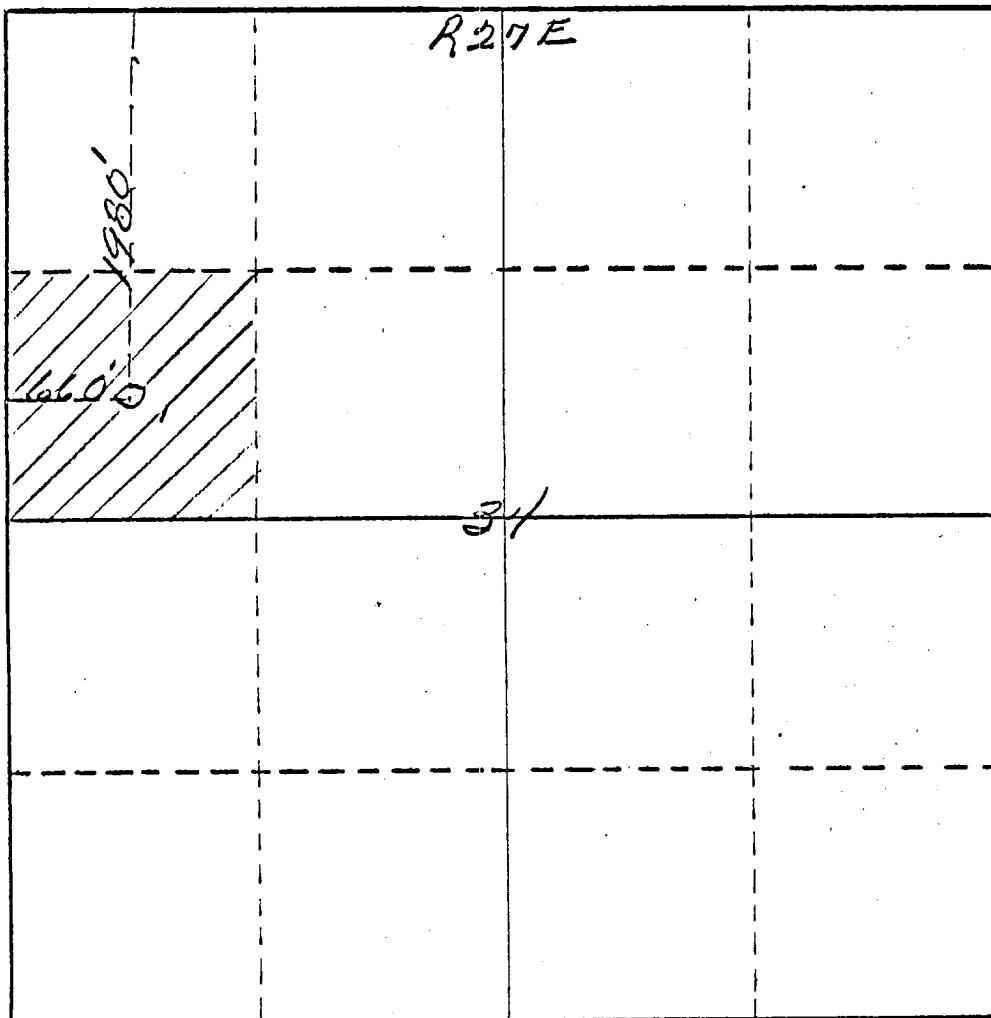
All distances must be from the outer boundaries of the Section.

Operator Robert N. Enfield			Lease Terra Federal		Well No. 1
Unit Letter E	Section 34	Township 23 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line					
Ground Level Elev. 3185	Producing Formation Delaware	Pool Wildcat	Dedicated Acreage: 40 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.



CERTIFICATION

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

Other Copy Signed

Name

Position

Operator

Company

Robert N. Enfield

Date

5-10-74

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MAY 20 1974
U.S. GEOLOGICAL SURVEY
ARIZONA
JAMES H. BROWN

Date Surveyed

May 7th 1974

Registered Professional Engineer
and/or Land Surveyor

James H. Brown
Certificate No. **542**