

Form 3160-3
(December 1990)

N.M. OIL CONS. CO. OPER. OGRID NO. 19466
P.O. BOX 1980
HOBBS, NEW MEXICO
UNIT
DEPARTMENT
BUREAU OF
APPLICATION FOR PERMIT

PROPERTY NO. 4031
POOL CODE 96042
EFF. DATE 1/24/95
API NO. 3D-025-32829

IF STATE
tions on
le)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Robert N. Enfield

3. ADDRESS AND TELEPHONE NO.

P. O. Box 2431, Santa Fe, New Mexico 87501 (505) 988-2863

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

At surface

1010' FNL & 790' FWL of Sec. 31

At proposed prod. zone

990' FNL & 790' FWL of Sec. 31

Unit D

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

11 miles south-southeast of Maljamar, N.M.

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

2470.16

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

4400'

19. PROPOSED DEPTH

14,600'

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

3727' GR

22. APPROX. DATE WORK WILL START*

1/15/95

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17.5"	H-40 13.375"	48	375'	375 sks (Circulate)
12.25"	K-55 9.625"	36	3500'	1000 sks. (Circulate)
8.75	S-95 5.5"	17-20	14,600'	2050 sks. (2-stage) (tie back 600' above uppermost fluid bearing horizon)

Operator proposes to Drill to the Devonian formation to test for possible commercial production of oil and gas. If productive, 5.5" casing will be set and cemented to total depth. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal and State Regulations and according to good engineering practice. Specific programs according to Onshore Oil & Gas Order #1 are outlined in the following attachments:

- 1.) Well location and Acreage Dedication Plat
- 2.) Drilling Program Exhibits Nos. 1 & 1A - Blowout Preventers
- 3.) Surface Use and Operating Plan
Exhibit #2 - Existing Roads
Exhibit #2A - Planned Access Roads
Exhibit #3 - One Mile Radius Map with Lease Boundary
Exhibit #3A - Well Status Within One Mile Radius
Exhibit #4 - Drilling Rig Layout
Exhibit #5 - Production Facilities Layout

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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

C. Thane Akins
C. Thane Akins

TITLE Agent

DATE 11/21/94

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to compensation thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(ORIG. SGD.) RICHARD L. MANUS

TITLE

AREA MANAGER

DATE

1-18-95

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States or to any matter within its jurisdiction.

5. LEASE DESIGNATION AND SERIAL NO.

LC-069276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO.

Hudson Federal "31"

9. API WELL NO.

2

10. FIELD AND POOL OR WILDCAT

Undesignated S. Corbin

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

Sec. 31, T-18-S, R-33-E

12. COUNTY OR PARISH

13. STATE

Lea

NM

**SUBJECT TO
LIKE APPROVAL
BY STATE**

**APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED**