

SUBMIT IN TRIPLI  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.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

660' FNL AND 660' FEL OF SECTION 18

At proposed prod. zone

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

13 AIR MILES SOUTH-SOUTHEAST OF ARTESIA, NEW MEXICO

## 15. DISTANCE FROM PROPOSED\*

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

660'

## 16. NO. OF ACRES IN LEASE

637.39

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

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

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## 19. PROPOSED DEPTH

10,200

## 20. ROTARY OR CABLE TOOLS

ROTARY

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

3271.2

## 22. APPROX. DATE WORK WILL START\*

UPON APPROVAL

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
27-1/2"	20"	CONDUCTOR CSG.	30'	TO FILL TO BOTTOM OF CELLAR
17-1/2"	13-3/8"	48# H-40	300'	SUFFICIENT TO CIRCULATE
12-1/4"	8-5/8"	24# K-55	2200'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	17# K-55&N-80	10,200	500 SACKS

PRODUCING ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA  
BOP SKETCH  
SURFACE USE AND OPERATIONS PLAN

GAS IS NOT DEDICATED.

NSL- Case 7523 3-31-82

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

Arthur R. Brown

TITLE

Agent for  
ROBERT N. ENFIELD

DATE NOVEMBER 23, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) GEORGE H. STEWART

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY

FOR

JAMES A. GILLHAM  
DISTRICT SUPERVISOR

\*See Instructions On Reverse Side

## 5. LEASE DESIGNATION AND SERIAL NO.

NM-A-32594

## 6. IF INDIAN, ALLOTTEE OR T

RECEIVED

## 7. UNIT AGREEMENT NAME

APR 14 1982

## 8. FARM OR LEASE NAME

FEDERAL 18 O. C. D.

## 9. WELL NO.

ARTESIA, OFFICE

1

## 10. FIELD AND POOL, OR WILDCAT

X UNDESIGNATED MORROW

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

SEC. 18, T. 19 S., R. 27 E.

## 12. COUNTY OR PARISH

EDDY

## 13. STATE

NEW MEXICO

Posted ID-1  
API + NL Book  
4-16-82