

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

Corinne Grace

3. ADDRESS OF OPERATOR

P.O. Box 1418, Carlsbad, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface1980 FEL, 660 FSL Sec. 14, T. 21 N., R. 3 W. N.M.P.M.  
At proposed prod. zone

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

Approx. 12 miles west of Cuba, New Mexico

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

2,000

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.

N.A.

19. PROPOSED DEPTH

7400

DAKOTA

20. ROTARY OR CABLE TOOLS

rotary

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

7207 7215 GR

23.

## PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/2       | 8-5/8          | 24              | 300           | circ. to surface   |
| 7 7/8        | 5 1/2          |                 | TD            | 150 sacks          |

Conductor casing (13-3/8) will be set by backhoe to a depth of ten feet.  
Hole will be finished by a rotary rig upon completion of the Divide No. 1  
well. Adequate blowout preventer will be furnished by contractor.

JAN 4 1974

U. S. GEOLOGICAL SURVEY  
BUTTE, MONT.

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 Geologist

DATE Dec. 29, 1973

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

FEB

TITLE

DATE

JUL 1974  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

Section 14 Township 21 North Range 3 West

For ~~MICHAEL P.~~ GRACE

NM-0510065

Diagram of location of drilling site in SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 14,  
Township 21 North, Range 3 West, N.M.P.M.

LOCATION: TAYLOR RANCH No. 1

ELDER COMPANY

By Edward Ross Elder

EDWARD ROSS ELDER

New Mexico Registered Land

Surveyor No. 4690

