

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYForm approved.  
Budget Bureau No. 42-R1425.

## 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

Celeste C. Grynberg

## 3. ADDRESS OF OPERATOR

5000 S. Quebec, Suite 500, Denver, CO 80237

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

At surface

990' FNL, 2310' FEL

At proposed prod. zone

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

17 Miles south of Elida, New Mexico

## 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

160

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

4400'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

GR

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

7/1/84

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	1700'	600 SXS
7 7/8"	4 1/2"	9.5#	4499'	250 SXS <i>To base of salt</i>

--Drill 12 1/4" hole to 1700'. Set 8 5/8" casing. Cement to surface. W.O.C. 18 hrs.  
Nipple up, pressure test B.O.P. to 1000# for 30 mins. Check B.O.P. and rams daily.

--Drill 7 7/8" hole to 4400'. Run DST's and logs as warranted.

--If productive potential indicated, run 4 1/2" casing and cement with 250 sxs.

--Perforate and stimulate as necessary.

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

Chris C. Pennels

TITLE Drilling &amp; Production COORD.

DATE

6/11/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

6-26-84

CONDITIONS OF APPROVAL, IF ANY: