

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. USA-NM-12693		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----		
2. NAME OF OPERATOR Celeste C. Grynberg			7. UNIT AGREEMENT NAME -----		
3. ADDRESS OF OPERATOR 5000 S. Quebec, Suite 500, Denver, CO 80237			8. FARM OR LEASE NAME BALIFF FEDERAL		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 330' FSL, 2310" FEL At proposed prod. zone			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 Miles South of Elida, New Mexico			10. FIELD AND ZONE TOMAHAWK, SAN ANDRES		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC.17, T7S-R32E, NMPM		
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH ROOSEVELT		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE NEW MEXICO		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. ---			19. PROPOSED DEPTH 4400'		
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* 7/1/84		
22. ELEVATIONS (Show whether DF, RT, GR, etc.) GR			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#	4400'	250 sxs

--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 and Production Coord. DATE 6/11/84  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY C. Warner Meyer, Acting TITLE \_\_\_\_\_ DATE 6-18-84  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JUN 19 1984

C.C.O.  
HOBBS OFFICE