

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK XXX DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> <input type="checkbox"/> PLUG BACK		5. LEASE DESIGNATION AND SERIAL NO. NM-13541	
2. NAME OF OPERATOR ESTORIL PRODUCING CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 11th FLOOR, VAUGHN BUILDING, MIDLAND, TEXAS 79701		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL AND 330' FEL OF SECTION 15 At proposed prod. zone		8. FARM OR LEASE NAME BELCO FEDERAL	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 AIR MILES SOUTHWEST OF EUNICE, NEW MEXICO		9. WELL NO. 23	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		10. FIELD AND POOL, OR WILDCAT WILDCAT	
16. NO. OF ACRES IN LEASE 400		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 15, T. 23 S., R. 34 E.	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1650'		12. COUNTY OR PARISH LEA	
18. PROPOSED DEPTH 8000'		13. STATE NEW MEXICO	
19. ELEVATIONS (Show whether DF, RT, GR, etc.) 3416 GR		20. ROTARY OR CABLE TOOLS ROTARY	
21. APPROX. DATE WORK WILL START* UPON APPROVAL			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	*12-3/4"	40#	370'	325 SACKS. CEMENT CIRCULATED
11"	8-5/8"	32#	5200'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	15.5# & 17#	8000'	500 SACKS

* THIS CASING RUN AND CEMENTED WHEN WELL WAS ORIGINALLY DRILLED.

PLANS ARE TO DRILL OUT PLUGS AND DEEPEN FROM PRESENT TOTAL DEPTH OF 5493 FEET TO APPROXIMATELY 8000 FEET AND ATTEMPT COMPLETION IN THE DELAWARE FORMATION. PRODUCING ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

THIS WELL ORIGINALLY DRILLED BY JAMES H. SNOWDEN ET AL, AS WELL NO. 1 O.R. HALL, TO TOTAL DEPTH OF 5493 FEET DURING PERIOD 1-5-54 TO 2-6-54 AND SUBSEQUENTLY PLUGGED AND ABANDONED.

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

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.

SIGNED Arthur R. Brown Agent for
ESTORIL PRODUCING CORP. DATE JUNE 25, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL IF ANY:

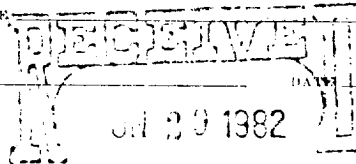
APPROVED

(Orig. Sgd.) GEORGE H. STEWART

JUL 1 1982

JAMES A. CULHAM
DISTRICT SUPERVISOR

APPROVAL DATE



OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

2-24-86 - A/E applied - cancelled notice to re-enter 5/5/86 E