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RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
city of Carlsbad notified
JUN - 7 1978
O. C. C.
ARTESIA, OFFICE

30-015-22576
 Form C-101
 Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Autry	
2. Name of Operator BELCO PETROLEUM CORPORATION		9. Well No. 1	
3. Address of Operator 10,000 Old Katy Road - Suite 100, Houston, Texas 77055		10. Field and Pool, or Wildcat Carlsbad, S. Cherry Canyon	
4. Location of Well UNIT LETTER E LOCATED 2310 FEET FROM THE north LINE AND 990 FEET FROM THE west LINE OF SEC. 20 TWP. 22-S RGE. 27-E NMPM		12. County Eddy	
19. Proposed Depth 3600'		19A. Formation Delaware	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3136.4 Gr	
21A. Kind & Status Plug. Bond Permanent		21B. Drilling Contractor not known this date	
22. Approx. Date Work will start			

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	400'	200	surface
7-7/8"	5-1/2"	15.5#	3400'	700	1000'

BOP 10" 900 ASC pipe rams & 1 set blind rams

Tests: 8-5/8" to 1000#; 5-1/2" to 1000.

Note: See attached Letter Application to Drill within The City of Carlsbad as evidence of notification to the incorporation, in accordance with Rule 102 (b).

APPROVAL VALID
 FOR 90 DAYS UNLESS
 DRILLING COMMENCED,
 EXPIRES 9-13-78

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed *R. J. King* Title **Administrative Geologist** Date **6/5/78**

(This space for State Use)

APPROVED BY *W. A. Gressett* TITLE **SUPERVISOR, DISTRICT II** DATE **JUN 13 1978**

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
 surface behind 8 7/8" casing
 Notify N.M.O.C.C. in sufficient
 time to witness cementing
2 1/2"