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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LH-1648	

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			8. Farm or Lease Name		
2. Name of Operator			9. Well No.		
BelNorth Petroleum Corporation			2		
3. Address of Operator			10. Field and Pool, or Wildcat Area Assoc.		
One Petroleum Center, Building Six 3300 N. "A", Suite 201, Midland TX 79705			Chaves, S. E. (On Gas Area Assoc.)		
4. Location of Well			12. County		
UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>2310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>12-S</u> RGE. <u>31-E</u> NMPM			Chaves		
19. Proposed Depth			19A. Formation		20. Rotary or C.T.
3500'			Queen		Rotary
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	21B. Drilling Contractor		22. Approx. Date Work will start
4438' GL		Blanket	Unknown		08-01-85

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24	400	250	Surface
7-7/8	4-1/2	10.5	3500	750	Surface

- Estimated formation tops: Anhydrite 1405'; Salt 1500'; B/Salt 2090'; Queen 2950'.
- Anticipated production: Oil
- BOP Program: 2 BOP 3000#: 1 pipe ram; 1 blind ram. Tested upon installation and operated daily.
- Mud Program: 0-400' - fresh water native mud; 400-2800' - cut brine; 2800-3500' - salt gel. MW 9.2-9.8.
- Logging Program: GR/CNL/LDT from TD to surface; DLL/MSFL from TD to base of surface casing.
- Anticipated Starting Date: 08-01-85.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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 L.W. Helms, Jr. Title Senior Drilling Engineer Date 07-12-85

(This space for State Use)

ORIGINAL FILED BY NEW MEXICO OIL CONSERVATION COMMISSIONAPPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JUL 26 1985