

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		<input checked="" type="checkbox"/>
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Core Laboratories, Inc.

3. Address of Operator  
Box 47547, Dallas, Texas 75247

4. Location of Well UNIT LETTER K LOCATED 2000 FEET FROM THE South LINE  
AND 2000 FEET FROM THE West LINE OF SEC. 27 TWP. 12N RGE. 12E NMPM

7. Unit Agreement Name

8. Farm or Lease Name  
Bustamante

9. Well No.  
2

10. Field and Pool, or Wildcat  
Wildcat

12. County  
San Miguel

19. Proposed Depth  
3500

19A. Formation  
Pennsylvanian

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
6580 Gr. Level

21A. Kind & Status Plug. Bond  
Attached

21B. Drilling Contractor  
Four Corners Drlg. Co.

22. Approx. Date Work will start  
3-20-79

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	300	300	Circulate
9 7/8	7	20	3500	540 + 200	Circulate

We propose to drill a well to 3500 ft ± to test the Pennsylvanian formation. If commercially productive we will case as per above and proceed to complete; if dry, we will P. & A as per state of New Mexico requirements. Unusual pressures are not expected but a 10 inch 3000# B.O.P. will be used after setting surface to T.D.

APPROXIMATELY 90 DAYS  
4/26/79  
UNLESS OTHERWISE INDICATED

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

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 [Signature] Title Senior Supervising Engineer Date 2/2/79  
(This space for State Use)

APPROVED BY [Signature] TITLE Senior Petroleum Geologist DATE 2/15/79

CONDITIONS OF APPROVAL, IF ANY:  
COLLECT AND SUBMIT SAMPLES FOR  
NEW MEXICO OIL CONSERVATION COMMISSION  
AT AT LEAST THE FOLLOWING INTERVALS