

API #30-047-20017

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## NEW MEXICO OIL CONSERVATION COMMISSION

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Bustamante	
DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		9. Well No. 2	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		10. Field and Pool, or Wildcat Wildcat	
2. Name of Operator Core Laboratories, Inc.		12. County San Miguel	
3. Address of Operator Box 47547, Dallas, Texas 75247			
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>2000</u> FEET FROM THE <u>South</u> LINE AND <u>2000</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>27</u> TWP. <u>12N</u> RGE. <u>12E</u> NMPM			
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.

APPROVAL BY 90 DAYS  
4/26/79  
UNLESS DRILLING UNDERWAY

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 Carl Ulvog 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