

# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

November 17, 1980

Dale Carpenter  
Rural Route #1  
Box 84  
Redfield, Kansas 66769

Gentlemen:

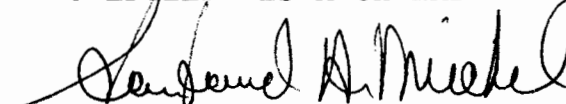
Attached hereto are the results of tests run on the rotary core taken from the Carpenter Lease, Well No. 3, Bourbon County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 7, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

  
Sanford A. Michel

SAM/tem

5 c to Redfield, Kansas

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Name Dale Carpenter Lease Carpenter Well No. 3

<u>Depth Interval, Feet</u>	<u>Description</u>
	PERU SAND
136.0 - 137.4	Brown and gray laminated slightly calcareous sandstone and shale.
137.4 - 138.0	Brown shaly slightly calcareous sandstone.
138.0 - 139.2	Brown and gray laminated sandstone and shale.

**Oilfield Research Laboratories**

**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Dale Carpenter Lease Carpenter Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	136.5	15.6	36	62	98	436	4.7
2	137.5	10.0	7	84	91	54	0.65
3	138.5	16.7	31	67	98	402	1.1