



OILFIELD RESEARCH LABORATORIES

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

August 13, 1980

Hillenburg Oil Company
P. O. Box 94
Bronson, Missouri 66716

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Humphrey Lease, Well No. 52 located in Section 36, Township 21S, Range 21E, Bourbon County, Kansas and submitted to our laboratory on July 31, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/ks

5 c to Bronson, Kansas

OILFIELD RESEARCH LABORATORIES

LOGName Hillenburg Oil Company Lease Humphrey Well No. 52

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>Bartlesville Sand</u>
675.0 - 676.2	Brown shaly sandstone.
676.2 - 676.9	Brown slightly calcareous sandstone.
676.9 - 678.7	Brown calcareous shaly sandstone.
678.7 - 679.8	Grayish light brown shaly calcareous sandstone.
679.8 - 682.8	Brown shaly slightly calcareous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Hillenburg Oil Company Lease Humphrey Well No. 52

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	675.5	17.6	47	50	97	642	3.8
2	676.4	12.1	56	42	98	526	11.
3	677.4	13.2	51	39	90	522	0.92
4	678.3	15.3	60	37	97	712	0.66
5	679.1	23.2	26	64	90	468	4.5
6	680.3	17.1	34	62	96	451	2.4
7	681.4	17.3	49	48	97	658	0.73
8	682.7	19.1	42	53	95	622	3.5