



OILFIELD RESEARCH LABORATORIES

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

March 3, 1981

Kansas Crude Company
P. O. Box 34
Piqua, Kansas 66761

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Cummings B Lease, Well No. 28, located in the Northeast $\frac{1}{4}$ in Section 18, T-25S, R-16E, in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on February 20, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Piqua, Kansas

LOGName Kansas Crude Company Lease Cummings B Well No. 28

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
966.0 - 966.4	Grayish light brown shaly sandstone.
966.4 - 971.2	Brown sandstone.
971.2 - 971.5	Gray sandy shale.
971.5 - 972.2	Brown and gray laminated sandstone and shale.
972.2 - 974.2	Grayish brown shaly sandstone.
974.2 - 974.6	Brown shaly sandstone.
974.6 - 975.1	Brown and gray laminated sandstone and shale.
975.1 - 976.0	Brown sandstone.
976.0 - 977.3	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Kansas Crude Co. Lease Cummings B Well No. 28

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	966.5	17.9	80	11	91	1111	56.
2	967.4	20.5	65	7	72	1034	49.
3	968.5	23.6	59	17	76	1080	68.
4	969.5	21.4	62	11	73	1029	52.
5	970.5	22.2	59	11	70	1016	71.
6	971.7	20.8	47	25	72	758	21.
7	974.4	12.8	73	10	83	725	2.5
8	975.5	21.9	82	6	88	1393	40.
9	976.5	19.9	88	3	91	1359	5.3