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

November 12, 1980

Ted King Drilling Company
114 South Depot
Cherryvale, Kansas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Welch Lease, Well No. 5, located in Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 14, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/tem

5 c to Cherryvale, Kansas

T35S R15E Sec 14
Welsh

OILFIELD RESEARCH LABORATORIES

LOG

Name Ted L. King Drilling Co. Lease Welch Well No. 5

Depth Interval, Feet	Description
	WAYSIDE SAND
471.0 - 476.4	Light brown calcareous sandstone.
476.4 - 478.2	Light brown and gray calcareous shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Ted King Drilling Co **Lease** Welch **Well No.** 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	471.5	18.4	26	60	86	371	44.
2	472.5	18.2	32	57	89	452	10.
3	473.5	16.1	30	57	87	375	31.
4	474.5	18.8	43	46	89	627	21.
5	475.5	16.1	24	67	91	300	19.
6	476.5	13.6	17	80	97	179	0.51
7	477.5	17.0	14	79	93	185	1.6