



OILFIELD RESEARCH LABORATORIES

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

December 23, 1980

L. F. Kepley
4226 Gold
Wichita, Kansas 67217

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Kepley Lease, Well No. 11, located in the Southeast $\frac{1}{4}$ in Section 2, T-28S, R-17E, Neosho County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 5, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Wichita, Kansas

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LOG

Name L. F. Kepley Lease Kepley Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
689.0 - 689.4	Grayish brown very shaly sandstone.
689.4 - 692.1	Brown slightly calcareous sandstone.
692.1 - 693.7	Brown and gray laminated slightly calcareous sandstone and shale.
693.7 - 694.6	Brown slightly calcareous sandstone.
694.6 - 695.4	Brown and gray laminated slightly calcareous sandstone and shale.
695.4 - 697.6	Dark brown calcareous sandstone.
697.6 - 698.3	Brown and gray laminated calcareous sandstone and shale.
698.3 - 699.2	Brown slightly calcareous slightly shaly sandstone.
699.2 - 705.0	Grayish brown calcareous shaly sandstone.
705.0 - 707.0	Gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company L. F. Kepley Lease Kepley Well No. 11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	689.5	14.6	36	36	72	408	41.
2	690.6	19.7	32	44	76	489	32.
3	691.4	17.6	49	25	74	669	47.
4	692.5	15.7	50	28	78	609	13.
5	693.5	17.4	59	38	97	796	13.
6	694.5	17.7	37	41	78	508	25.
7	695.5	17.7	46	30	76	632	42.
8	696.5	18.4	48	23	71	685	22.
9	697.5	18.8	44	29	73	642	26.
10	698.5	14.1	42	33	75	459	5.8
11	699.5	14.8	44	29	73	505	Imp.
12	700.6	15.1	46	31	77	539	Imp.
13	701.5	14.3	45	32	77	499	Imp.
14	702.7	14.4	56	24	80	626	0.22
15	703.6	16.3	70	19	89	885	Imp.
16	704.5	15.8	61	14	75	748	0.16