

OILFIELD RESEARCH LABORATORIES

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

December 21, 1981

R. W. Warner
Box 769
Buffalo, Missouri 65627

Gentlemen:

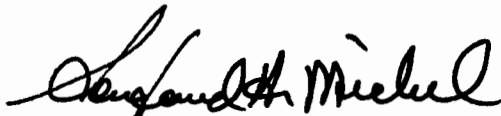
Attached hereto are the results of tests run on the rotary core taken from the Greer Lease, Well No. 11-W, located 165' from the South Line and 700' from the East Line, of the Southeast $\frac{1}{4}$, of the Northwest $\frac{1}{4}$, in Section 1, T-33S, R-14E, in Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on December 18, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/pdc

3 c to Buffalo, Missouri

1 c to Independence, Kansas

1 c to Coffeyville, Kansas

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LOGName R. W. Warner Lease Greer Well No. 11-W

<u>Depth Interval, Feet</u>	<u>Description</u>
1160.0 - 1160.9	Gray shale.
1160.9 - 1163.8	Grayish brown shaly sandstone.
1163.8 - 1164.3	Gray shale.
1164.3 - 1165.4	Grayish brown shaly sandstone.
1165.4 - 1166.3	Brown sandstone.
1166.3 - 1167.3	Grayish brown slightly shaly sandstone.
1167.3 - 1172.0	Brown sandstone.
1172.0 - 1173.3	Grayish brown shaly sandstone.
1173.3 - 1174.7	Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company R. W. Warner Lease Greer Well No. 11-W

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1161.6	16.1	41	44	85	512	1.0
2	1162.4	16.6	40	44	84	515	0.80
3	1163.5	15.2	41	44	85	484	1.8
4	1164.4	13.1	23	36	59	234	1.6
5	1165.6	18.7	40	35	75	580	34.
6	1166.5	16.4	47	32	79	598	7.5
7	1167.4	18.2	67	30	97	946	17.
8	1168.2	16.7	52	24	76	674	16.
9	1169.6	18.2	47	32	79	664	39.
10	1170.5	19.4	48	22	70	722	28.
11	1171.3	18.4	50	25	75	714	27.
12	1172.3	18.8	56	22	78	817	6.1