



OILFIELD RESEARCH LABORATORIES

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

March 26, 1981

W R Oil Company
P.O. Box 814
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Fussman Lease, Well No. 9, located 1490' from the South Line and 1450' from the West Line in Section 33, T-25S, R-18E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on March 17, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

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5 c to Chanute, Kansas

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LOGName W R Oil Company Lease Fussman Well No. 9

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>BARTLESVILLE SAND</u>	
825.0 - 826.0	Gray and light brown laminated slightly calcareous shale and sandstone.
826.0 - 829.4	Brown slightly calcareous sandstone with fine partings.
829.4 - 830.0	Gray and light brown slightly calcareous laminated shale and sandstone.
830.0 - 831.8	Brown sandstone slightly calcareous with fine shale partings..
831.8 - 833.2	Grayish light brown slightly calcareous shaly sandstone.
833.2 - 836.6	Brown slightly calcareous sandstone.
836.6 - 839.8	Gray shale.
839.8 - 843.1	Light brown slightly calcareous sandstone with fine shale partings.
843.1 - 845.0	Gray slightly calcareous shaly sandstone.
845.0 - 848.4	Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company W R Oil Company Lease Fussman Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	825.5	12.6	29	48	77	283	Imp.
2	826.5	17.3	44	30	74	591	13.
3	827.4	22.9	30	16	46	533	149.
4	828.5	21.2	51	16	67	839	49.
5	829.6	15.1	39	41	80	457	2.4
6	830.6	18.8	41	27	68	598	19.
7	831.5	19.8	48	25	73	737	35.
8	832.6	13.1	31	48	79	315	1.0
9	833.5	19.7	37	29	66	566	42.
10	834.4	18.2	42	39	81	593	13.
11	835.5	21.3	42	22	64	694	68.
12	836.5	21.5	24	29	53	400	121.
13	840.4	22.4	47	23	70	817	44.
14	841.5	20.0	60	31	91	931	16.
15	842.5	23.0	66	11	77	1178	14.
16	843.5	24.4	82	13	95	1552	3.1
17	844.6	15.9	86	10	96	1061	0.30