



OILFIELD RESEARCH LABORATORIES

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

September 2, 1981

Fairfield Operating Company
Box 707
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Rice Lease, Well No. FN-5-32, located in Section 32, T-26S, R-20E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on August 28, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

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LOGName Fairfield Operating Company Lease Rice Well No. FN-5-32

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>TUCKER SAND</u>
820.0 - 828.1	Light brown sandstone.
828.1 - 831.0	Grayish light brown very shaly sandstone.
831.0 - 832.6	Grayish light brown shaly sandstone.
832.6 - 835.7	Brown sandstone.
835.7 - 838.0	Brown sandstone with fine coal partings.
838.0 - 841.8	Brown sandstone.
841.8 - 842.5	Gray shaly sandstone.
842.5 - 843.3	Brown sandstone.
843.3 - 845.5	Light brown sandstone.
845.5 - 846.1	Gray shale.
846.1 - 847.8	Light brown sandstone.
847.8 - 849.7	Grayish brown sandstone.
849.7 - 850.8	Grayish brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Fairfield Operating Co Lease Rice Well No. FN-5-32

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	820.5	25.8	13	62	75	260	764.
2	821.5	23.1	13	77	90	233	392.
3	822.5	17.9	10	81	91	139	207.
4	823.5	21.8	11	70	81	186	207.
5	824.6	26.2	13	59	72	264	664.
6	825.4	18.5	6	81	87	86	130.
7	826.5	23.9	7	52	59	130	109.
8	827.3	21.3	8	63	71	132	179.
9	828.3	11.0	14	80	94	120	Imp.
10	831.5	4.0	15	78	93	47	Imp.
11	832.4	13.0	38	58	96	383	2.0
12	833.5	22.3	22	47	69	381	199.
13	834.5	21.0	20	42	62	326	296.
14	835.5	21.2	29	45	74	477	493.
15	836.3	20.8	30	39	69	484	200.
16	837.3	21.3	42	31	73	694	145.
17	838.5	20.6	37	35	72	591	203.
18	839.5	23.5	39	25	64	711	849.
19	840.5	23.3	42	28	70	759	728.
20	841.5	19.9	35	30	65	540	340.
21	842.7	23.0	27	40	67	482	764.
22	843.5	22.4	33	47	80	574	389.
23	844.5	22.4	26	44	70	452	84.
24	845.3	18.9	21	52	73	308	183.
25	846.3	19.0	16	56	72	236	97.
26	847.6	20.0	21	41	62	326	141.
27	848.3	19.5	24	44	68	363	11.
28	849.3	18.4	27	33	60	385	11.
29	850.5	15.7	32	43	75	390	2.1