



OILFIELD RESEARCH LABORATORIES

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

November 17, 1980

Richey Oil Company
Box 876
Tyler, Texas 75710

Gentlemen:

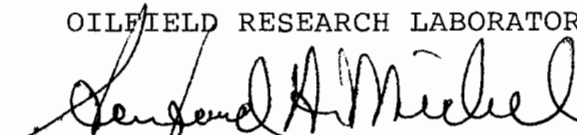
Attached hereto are the results of tests run on the rotary core taken from the Freidline "B" Lease, Well No. R-3, located 180' East of the West Line and 260' North of the South line in Section 17, T-28S, R-17E, Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 7, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/tem

5 c to Tyler, Texas

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Name Richey Oil Company Lease Freidline "B" Well No. R-3

<u>Depth Interval</u> <u>Feet</u>	<u>Description</u>
	BARTLESVILLE SAND
989.0 - 992.2	Dark brown sandstone.
992.2 - 996.3	Light brown and gray laminated sandstone and shale.
996.3 - 996.9	Brown sandstone.
996.9 - 997.6	Brown shaly sandstone.
997.6 - 999.2	Brown sandstone.
999.2 - 1005.3	Brown shaly sandstone.
1005.3 - 1006.0	Brown sandstone.
1006.0 - 1006.3	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Richey Oil Company Lease Freidline "B" Well No. R-3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	989.5	18.0	41	58	99	573	78.
2	990.5	17.6	41	50	91	560	121.
3	991.5	20.0	31	60	91	481	103.
4	992.5	7.3	8	86	94	45	0.20
5	993.5	7.0	14	76	90	76	Imp.
6	994.5	8.2	5	88	93	32	Imp.
7	995.5	17.3	33	57	90	443	1.8
8	996.5	19.2	31	49	80	462	27.
9	997.5	17.8	41	43	84	566	8.3
10	998.5	18.5	35	38	73	502	12.
11	999.5	16.2	46	42	88	578	1.7
12	1000.5	15.3	21	58	79	249	0.54
13	1001.5	18.3	41	43	84	582	2.5
14	1002.5	17.4	38	40	78	513	8.3
15	1003.5	16.9	45	39	84	590	4.9
16	1004.5	18.3	39	39	78	554	7.2
17	1005.5	13.3	36	25	61	372	17.