



OILFIELD RESEARCH LABORATORIES

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

September 3, 1981

Richey Oil & Gas
Box 876
Tyler, Texas 75710

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Hultine Lease, Well No. R-2-B, located in Section 8, T-28S, R-17E, in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on September 1, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Tyler, Texas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOGName Richey Oil & Gas Lease Hultine Well No. R-2-B

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
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VILAS SAND

873.0 - 880.6	Brown sandstone.
880.6 - 881.8	Brown sandstone with shale partings.
881.8 - 882.9	Brown sandstone.
882.9 - 883.2	Brown sandstone with fine shale partings.
883.2 - 896.1	Brown sandstone.
896.1 - 900.6	Grayish brown sandstone.
900.6 - 904.7	Grayish black slightly carbonaceous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Richey Oil & Gas Lease Hultine Well No. R-2-B

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	873.5	19.6	40	41	81	608	23.
2	874.6	22.0	37	36	73	632	84.
3	875.6	22.2	33	33	66	568	191.
4	876.7	22.9	42	29	71	746	184.
5	877.5	21.7	53	31	84	892	82.
6	878.6	25.5	41	26	67	811	532.
7	879.5	25.1	54	13	67	1052	643.
8	880.5	20.5	34	43	77	541	481.
9	881.7	17.7	29	49	78	398	9.5
10	882.4	21.0	34	40	74	554	60.
11	883.4	23.4	25	36	61	454	184.
12	884.5	21.6	30	41	73	536	93.
13	885.5	20.0	41	37	78	636	43.
14	886.6	22.1	38	26	64	652	184.
15	887.7	21.8	43	27	70	727	118.
16	888.6	17.5	43	37	80	584	20.
17	889.6	23.1	36	36	72	645	156.
18	890.6	22.5	43	38	81	751	82.
19	891.6	23.1	41	32	73	735	94.
20	892.6	24.2	34	38	72	638	142.
21	893.7	22.4	43	47	90	747	68.
22	894.7	15.6	22	56	78	266	17.
23	895.7	21.2	31	42	73	510	21.
24	896.5	25.3	23	45	68	451	144.
25	897.5	23.5	21	40	61	383	277.
26	898.6	22.7	13	63	76	229	88.
27	899.5	22.9	24	50	74	426	114.
28	900.4	23.7	23	53	76	423	319.
29	901.5	24.8	12	66	78	231	384.
30	902.4	24.0	13	69	82	242	314.
31	903.4	21.9	19	66	85	323	50.
32	904.5	20.6	21	47	68	336	24.