



OILFIELD RESEARCH LABORATORIES

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

July 21, 1982

Richey Oil Company
Box 876
Tyler, Texas 76710

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the W. D. Reece Lease, Well No. R-3, located 210' from the South Line and 350' from the West Line, in Section 20, T-28S, R-17E, of Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted on July 19, 1982 and July 21, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/dlb

5 c to Tyler, Texas

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LOGName Richey Oil Company Lease W. D. Reece Well No. R-3

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
905.0 - 905.2	Gray sandy shale.
905.2 - 906.0	Brown slightly shaly sandstone.
906.0 - 907.0	Brown shaly sandstone containing a vertical fracture.
907.0 - 908.0	Brown sandstone containing a vertical fracture.
908.0 - 909.0	Brown slightly shaly sandstone.
909.0 - 909.9	Brown sandstone.
909.9 - 911.3	Grayish brown very shaly sandstone.
911.3 - 914.3	Grayish brown shaly sandstone containing a vertical fracture.
914.3 - 915.5	Grayish brown very shaly sandstone.
915.5 - 920.0	No core.
920.0 - 928.8	Grayish brown very shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Richey Oil Company Lease W. D. Reece Well No. R-3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	905.3	17.0	15	40	55	198	6.4
2	906.8	17.7	43	38	81	591	2.9
3	907.4	22.2	39	28	67	672	21.
4	908.5	19.3	42	35	77	629	7.2
5	909.4	19.7	42	32	74	642	10.
6	910.6	18.3	46	31	77	653	0.40
7	911.6	16.2	42	47	89	528	1.0
8	912.4	16.3	47	35	82	594	1.7
9	913.3	16.3	39	49	88	493	2.5
10	914.5	16.4	48	38	86	611	0.17
11	915.4	15.1	44	50	94	515	Imp.
12	920.4	18.3	53	25	78	752	0.22
13	921.5	18.3	48	32	80	682	0.34
14	922.5	20.5	60	27	87	954	Imp.
15	923.4	17.4	40	31	71	540	Imp.
16	924.4	19.3	45	32	77	674	Imp.
17	925.5	20.3	50	25	75	787	Imp.
18	926.6	16.9	28	44	72	367	0.27
19	927.5	15.9	30	48	78	370	0.20
20	928.5	17.5	38	37	75	516	Imp.