



OILFIELD RESEARCH LABORATORIES

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

December 20, 1982

Red Bear Oil
c/o Red Bear Drilling
525 East 86th Street
New York, New York 10028

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Wakefield Lease, Well No. 6, located in Section 26, T-22S, R-21E, Linn County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 16, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel
by B.L.

Sanford A. Michel

SAM/rmc

5 c to New York, New York

OILFIELD RESEARCH LABORATORIESLOGCompany Red Bear Oil Lease Wakefield Well No. 6

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>TUCKER SANDSTONE</u>
829.0 - 830.0	Grayish brown very shaly sandstone.
830.0 - 830.3	Dark gray sandy shale.
830.3 - 831.9	Dark brown sandstone.
831.9 - 832.5	Dark brown sandstone with scattered shale partings.
832.5 - 832.8	Grayish brown very shaly sandstone with shale partings.
832.8 - 836.7	Dark brown sandstone with scattered fine shale and micaceous partings.
836.7 - 838.2	Brownish black sandstone with scattered fine shale and micaceous partings.
838.2 - 838.8	Brownish black very shaly sandstone with scattered fine shale and micaceous partings.
838.8 - 840.6	Brownish black very shaly slightly carbonaceous sandstone with scattered fine shale and micaceous partings.
840.6 - 842.1	Light gray and dark gray laminated sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Red Bear Oil Lease Wakefield Well No. 6

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	829.5	11.8	26	70	96	238	Imp.
2	830.5	20.5	53	23	76	843	101.
3	831.6	22.9	40	25	65	711	557.
4	832.6	11.0	46	43	89	393	2.6
5	833.5	18.3	48	33	81	682	62.
6	834.5	20.0	53	23	76	822	105.
7	835.4	19.8	48	26	74	737	121.
8	836.5	19.0	55	29	84	811	49.
9	837.5	18.6	64	31	95	924	50.
10	838.6	15.5	24	54	78	289	2.8
11	839.5	19.3	60	14	74	898	3.1
12	840.5	18.8	45	27	72	656	2.8