



OILFIELD RESEARCH LABORATORIES

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

November 20, 1981

Boyer Oil Company
Box 35
Iola, Kansas 66749

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Regier-Setter Lease, Well No. 13, located 1795' East of the West Line and 2805' South of the North Line, in Section 33, T-25S, R-19E, in Allen County, Kansas.

The core was sampled by a representative of the client and submitted to our laboratory on November 17, 1981. The first 6 samples from the depths of 831.0 to 837.0, were unbagged and out of the hole 4 to 5 days before being submitted to our laboratory by the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Iola, Ks.

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LOGName Boyer Oil Company Lease Regier-Setter Well No. 13

<u>Depth Interval, Feet</u>	<u>Description</u>
	BARTLESVILLE SAND
831.0 - 832.0	Brown sandstone with shale partings.
832.0 - 834.0	Grayish brown shaly sandstone.
834.0 - 838.3	Brown sandstone.
838.3 - 839.5	Grayish brown shaly sandstone.
839.5 - 844.2	Brown sandstone.
844.2 - 845.3	Grayish brown shaly sandstone.
845.3 - 849.0	Brown sandstone.
849.0 - 849.8	Grayish brown slightly shaly sandstone.
849.8 - 851.0	Grayish brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Boyer Oil, Inc. Lease Regier-Setter Well No. 13

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			BARTLESVILLE SAND				
1	831.7	16.2	39	19	58	490	11.
2	832.4	15.4	36	28	64	430	6.8
3	833.5	14.4	44	33	77	492	2.8
4	834.4	16.6	40	31	71	515	25.
5	835.5	17.4	37	28	65	500	28.
6	836.6	18.2	50	16	66	706	68.
7	837.5	20.0	46	29	75	714	67.
8	838.4	15.2	45	45	90	531	3.7
9	839.6	19.3	48	36	84	719	44.
10	840.6	16.2	41	50	91	515	14.
11	841.5	19.5	59	29	88	893	96.
12	842.6	20.7	57	24	81	915	141.
13	843.7	19.0	48	33	81	708	99.
14	844.4	14.3	44	45	89	488	1.4
15	845.4	18.8	42	37	79	613	49.
16	846.3	18.6	43	38	81	621	43.
17	847.4	17.1	40	39	79	531	49.
18	848.4	15.5	42	50	92	505	31.
19	849.4	15.3	49	44	93	582	9.4
20	850.6	16.9	42	47	89	551	1.4