



OILFIELD RESEARCH LABORATORIES

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

December 6, 1982

Gates Rubber Company, Inc.
999 Michigan
Iola, Kansas 66749

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Gates Lease, Well No. 2, located 2310' East of the West Line and 1111' South of the North Line in Section 2, T-25S, R-19E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 2, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

1 c to Iola, Kansas
4 c to Vic Cook Systems
115½ E. Main, Chanute, Kansas

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LOGCompany Gates Rubber Company, Inc. Lease Gates Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SANDSTONE</u>
878.0 - 885.0	Light brown sandstone.
885.0 - 886.0	Grayish light brown shaly sandstone.
886.0 - 896.0	Light brown sandstone.
896.0 - 898.0	No core.
898.0 - 904.1	Light brown sandstone.
904.1 - 911.3	Brown sandstone.
911.3 - 914.0	Light brown sandstone.
914.0 - 916.3	Brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Gates Rubber Company, Inc. Lease Gates Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	878.3	25.0	9	54	63	175	346.
2	879.8	26.7	3	56	59	62	764.
3	880.9	26.8	10	50	60	208	728.
4	881.8	25.7	7	54	61	140	955.
5	883.4	23.4	6	51	57	109	527.
6	884.8	18.2	6	67	73	85	52.
7	886.4	17.6	10	68	78	137	42.
8	888.4	24.8	9	53	62	173	679.
9	889.1	22.0	13	62	75	222	371.
10	891.1	24.3	15	52	67	283	556.
11	892.1	19.5	6	60	66	91	101.
12	893.7	23.5	8	52	60	146	664.
13	895.3	22.4	11	50	61	191	399.
14	898.9	22.2	8	57	65	138	556.
15	899.7	22.5	7	55	62	122	296.
16	902.3	24.7	13	46	59	249	556.
17	903.3	22.4	20	42	62	348	599.
18	904.4	20.9	44	32	76	713	346.
19	905.5	20.6	49	24	73	783	399.
20	906.3	19.0	47	36	83	693	145.
21	907.2	23.6	37	32	69	677	873.
22	908.3	25.0	42	34	76	815	1131.
23	910.5	24.2	39	35	74	732	588.
24	911.7	22.1	29	36	65	497	611.
25	912.5	23.3	34	32	66	615	527.
26	913.4	22.7	26	35	61	458	611.
27	914.5	23.2	52	33	85	936	424.
28	915.7	23.5	63	21	84	1149	415.
29	916.2	22.4	66	22	88	1147	314.