

OILFIELD RESEARCH LABORATORIES

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

May 28, 1981

William Ruehman
Box 8
Fall River, Kansas 67047

Gentlemen:


Attached hereto are the results of tests run on the rotary core taken from the Ruehman Lease, Well No. 1, located in Elk County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on May 26, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Fall River, Kansas

OILFIELD RESEARCH LABORATORIES

LOGName William Ruehman Lease Ruehman Well No. 1

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

521.0 - 525.8	Gray laminated sandstone and shale.
525.8 - 527.1	Light brown shaly sandstone.
527.1 - 527.8	Light brown and gray laminated sandstone and shale.
527.8 - 529.9	Grayish light brown sandstone.
529.9 - 530.8	Grayish light brown shaly sandstone.
530.8 - 545.2	Dark brown slightly calcareous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company William Ruehman Lease Ruehman Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	526.6	17.3	34	56	90	456	1.8
2	527.5	20.5	30	56	86	477	43.
3	528.6	18.6	26	33	59	375	60.
4	529.5	20.0	17	36	53	264	30.
5	530.5	20.5	49	21	70	779	7.4
6	531.7	22.4	56	9	65	973	62.
7	532.6	21.3	45	15	60	744	47.
8	534.6	21.5	34	16	50	567	60.
9	535.6	23.5	27	26	53	492	121.
10	536.5	21.3	5	56	61	83	44.
11	537.5	23.3	41	25	66	741	62.
12	538.5	23.2	33	34	67	594	90.
13	539.5	23.6	31	32	63	568	99.
14	540.5	22.7	15	27	42	264	96.
15	541.5	24.4	38	31	69	719	101.
16	542.4	23.4	36	30	66	654	188.
17	543.5	24.6	31	30	61	592	130.
18	544.5	21.4	23	25	48	382	153.