

OILFIELD RESEARCH LABORATORIES

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

June 24, 1981

Rogers & Williams
4155 East Jewell Avenue
Suite 1001
Denver, Colorado 80222

Gentlemen:

Attached hereto are the results of tests run on the rotary core samples taken from the Harrold Lease, Well No. 7, located in the Southwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ in Section 19, T-33S, R-12E, in Chautauqua County, Kansas.

The core samples were sealed in plastic bags by a representative of the client and were submitted to our laboratory on June 19, 1981. It is assumed that each core sample represents one foot of core.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Denver, Colorado

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Name Rogers & Williams Lease Harrold Well No. 7

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

1024.0 - 1034.0	Grayish light brown slightly calcareous shaly sandstone.
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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Rogers & Williams Lease Harrold Well No. 7

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1024.5	18.7	22	54	76	319	1.0
2	1025.5	18.3	29	60	89	412	1.0
3	1026.5	18.2	34	61	95	480	7.3
4	1027.5	13.9	44	52	96	474	0.23
5	1028.5	17.6	31	50	81	423	0.52
6	1029.5	21.4	22	46	68	365	8.2
7	1030.5	17.8	24	50	74	331	7.3
8	1031.5	16.7	40	48	88	518	Imp.
9	1032.5	13.5	17	38	55	178	0.30
10	1033.5	14.7	35	57	92	399	Imp.