

OILFIELD RESEARCH LABORATORIES

700 NORTH MISSION
OKMULGEE, OKLAHOMA
PHONE: 4444

- REGISTERED ENGINEERS -

Chanute, Kansas

February 6, 1962

536 N. HIGHLAND
CHANUTE, KANSAS
PHONE: HE 1-2650

Red & Yellow Drilling Company
552 South 5th
Neodesha, Kansas

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core samples taken from the Walker Lease, Well No. 6, Montgomery County, Kansas, and submitted to our laboratory on February 2, 1962.

This core was sampled and the samples sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

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Company Red & Yellow Drilling Co. Lease Walker Well No. 6

Depth Interval, Description
Feet

778.0 - 780.0 - Light brown slightly shaley sandstone.

780.0 - 781.0 - Gray sandy shale.

781.0 - 785.0 - Light brown slightly shaley sandstone.

785.0 - 790.0 - Grayish light brown shaley sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Red & Yellow Drilling Co.

Lease Walker

Well No. 6

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	778.5	14.4	38	38	76	424	2.3	1.0	1.0	424	2.30
2	779.5	13.7	41	31	72	436	0.74	1.0	2.0	436	0.74
3	780.5	11.1	24	48	72	207	0.43	1.0	3.0	207	0.43
4	781.5	15.6	36	35	71	436	3.1	1.0	4.0	436	3.10
5	782.5	15.2	46	31	77	542	3.4	1.0	5.0	542	3.40
6	783.5	15.2	46	30	76	542	3.9	1.0	6.0	542	3.90
7	784.5	15.2	39	39	78	459	3.7	1.0	7.0	459	3.70
8	785.5	13.5	41	48	89	429	0.87	1.0	8.0	429	0.87
9	786.5	15.5	37	43	80	444	2.7	1.0	9.0	444	2.70
10	787.5	14.4	27	57	84	302	0.53	1.0	10.0	302	0.53
11	788.5	16.9	42	43	85	550	0.52	1.0	11.0	550	0.52
12	789.5	16.2	42	46	88	527	0.67	1.0	12.0	527	0.67
Total										5,298	

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Red & Yellow Drilling Co. Lease Walker Well No. 6

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
778.0 - 785.0	7.0	2.5	17.57
785.0 - 790.0	5.0	1.1	5.29
778.0 - 790.0	12.0	1.9	22.86

Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbbl./Acre
778.0 - 785.0	7.0	14.4	38.6	36.0	435	3,046
785.0 - 790.0	5.0	15.3	37.8	47.4	450	2,252
778.0 - 790.0	12.0	14.7	38.2	40.6	441	5,298