



OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

August 25, 1966

Baker & Williams
128 North Main
Greenville, Kentucky

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the Okla C. Dahlgren Lease, Well No. 1, Bourbon County, Kansas, and submitted to our laboratory on August 22, 1966.

This core was sampled and the samples sealed in plastic bags by a representative of Oilfield Research Laboratories. The well was drilled in virgin territory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

5 c. - Greenville, Kentucky
3 c. - E. R. Henderson

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Company Baker & Williams Lease Okla C. Dahlgren Well No. 1

Depth Interval, Feet	Description
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336.5 - 337.0	- Brown, laminated, shaly sandstone.
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337.0 - 338.0	- Brown, slightly calcareous sandstone.
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338.0 - 341.0	- Brown, laminated, shaly sandstone.
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341.0 - 346.0	- Light brown, slightly calcareous sandstone.
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346.0 - 348.0	- Dark carbonaceous sandstone.
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348.0 - 355.5	- Dark shale.
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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Baker & Williams Lease Okla C. Dahlgren Well No. 1

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	336.6	18.1	33	44	77	463	21.	0.5	0.5	232	10.50
2	337.5	20.6	36	49	85	575	169.	1.0	1.5	575	169.00
3	338.5	21.8	24	56	80	406	113.	1.0	2.5	406	113.00
4	339.5	21.2	20	61	81	329	110.	1.0	3.5	329	110.00
5	340.5	20.2	22	62	84	345	27.	1.0	4.5	345	27.00
6	341.5	21.4	12	63	75	199	109.	1.0	5.5	199	109.00
7	342.5	22.4	13	67	80	226	61.	1.0	6.5	226	61.00
8	343.5	19.4	18	68	86	271	62.	1.0	7.5	271	62.00
9	344.5	18.1	16	72	88	224	178.	1.0	8.5	224	178.00
10	345.5	17.1	15	69	84	199	244.	1.0	9.5	199	244.00
11	346.5	20.3	16	80	96	252	131.	1.0	10.5	252	131.00
								Total	-----	3,258	

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Well No.		
Baker & Williams	Okla C. Dahlgren	1		
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	
336.5 - 341.0	4.5	95.5	429.50	
341.0 - 347.0	6.0	131.0	785.00	
336.5 - 347.0	10.5	115.8	1,214.50	
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
336.5 - 341.0	4.5	26.4	419	1,887
341.0 - 347.0	6.0	15.0	229	1,371
336.5 - 347.0	10.5	19.9	310	3,258