



# OILFIELD RESEARCH LABORATORIES

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

September 14, 1967

Dr. W. E. Walsh & Robert Dyer  
Box 8  
Mortons Gap, Kentucky

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the Shaw Lease, Well No. 2, Bourbon County, Kansas and submitted to our laboratory on September 9, 1967.

This core was sampled and the samples sealed in cans by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

A handwritten signature in cursive script, appearing to read "Carl L. Pate". The signature is written in dark ink and is positioned above the printed name.

Carl L. Pate

CLP:bjo

6 c. - Mortons Gap, Kentucky



OILFIELD RESEARCH LABORATORIES

- LOG -

Company Dr. W.E. Walsh & Robert Dyer Lease Shaw Well No. 2

Depth Interval, Description  
Feet

268.0 - 270.0 - Gray sandy shale.  
270.0 - 271.2 - Brownish gray shaly sandstone.  
271.2 - 273.5 - Brown shaly sandstone.  
273.5 - 274.7 - Gray sandy shale.  
274.7 - 275.2 - Hard brown sandstone.  
275.2 - 276.0 - Dark shale  
276.0 - 277.1 - Dark sandstone.  
277.1 - 277.3 - Coal.  
277.3 - 283.0 - Shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Dr. W. E. Walsh & Robert Dyer Lease Shaw Well No. 2

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			Ft.	Cum. Ft.		
1	270.1	10.9	17.	80	144	Imp.	0.6	0.6	86	0.00
2	271.1	12.1	24.	69	226	1.8	0.6	1.2	136	1.08
3	272.1	17.1	36.	52	477	1.6	1.4	2.6	668	2.24
4	273.1	17.2	29.	52	387	0.83	0.9	3.5	348	0.75
5	274.1	11.3	39.	52	342	0.28	1.2	4.7	410	0.34
6	275.1	15.6	43.	40	520	9.9	0.6	5.3	312	5.94
7	276.1	19.3	59.	9	883	424.	1.1	6.4	971	466.25
							Total	- - -	2,931	