



OILFIELD RESEARCH LABORATORIES

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

July 17, 1967

Paul House
502 South Chestnut
North Platte, Nebraska 69101

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core taken from the Perry Lease, Well No. 1, Bourbon County, Kansas, and submitted to our laboratory on July 13, 1967.

This core was sampled after being received in the laboratory. The well was drilled in virgin territory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:rf

10 c.

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GENERAL INFORMATION & SUMMARY

Company	Paul House	Lease	Perry	Well No.	1
Location	NE/4				
Section	35	Twp.	23S	Rge.	21E
				County	Bourbon
				State	Kansas
Name of Formation	-				Mississippi
Top of Core	-				590.0
Bottom of Core	-				602.0
Top of Lime	-				590.0
Bottom of Lime	-				600.3
Total Feet of Permeable Lime	-				8.6
Total Feet of Floodable Sand	-				
Distribution of Permeable Lime:					
	Permeability Range Millidarcys	Feet	Cum. Ft.		
	0 - 10	4.0	4.0		
	10 - 40	3.6	7.6		
	40 & above	1.0	8.6		
Average Permeability Millidarcys	-				19.5
Average Percent Porosity	-				19.7
Average Percent Oil Saturation	-				44.3
Average Percent Water Saturation	-				44.2
Average Oil Content, Bbls./A. Ft.	-				640.
Total Oil Content, Bbls./Acre	-				6,591.
Average Percent Oil Recovery by Laboratory Flooding Tests	-				
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.	-				
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre	-				
Total Calculated Oil Recovery, Bbls./Acre	-				
Packer Setting, Feet	-				
Viscosity, Centipoises @	-				
A. P. I. Gravity, degrees @ 60 °F	-				
Elevation, Feet	-				

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Company Paul House Lease Perry Well No. 1

Depth Interval, Description
Feet

590.0 - 597.2 - Hard, brown dolomite with a vertical fracture from
592.5 to 593.0.

597.2 - 600.3 - Hard, brown limestone.

600.3 - 602.0 - Hard, gray limestone.

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TABLE 1-B

Company			Paul House			Lease			Perry			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	590.1	22.8	43	55	98	761	6.0	0.6	0.6	457	3.60						
2	591.1	25.7	40	46	86	798	38.	1.0	1.6	798	38.00						
3	592.1	13.1	50	46	96	508	3.0	1.0	2.6	508	3.00						
4	593.1	28.6	37	48	85	821	62.	1.0	3.6	821	62.00						
5	594.1	26.5	52	48	100	1,069	20.	1.0	4.6	1,069	20.00						
6	595.1	21.9	25	70	95	425	3.8	1.0	5.6	425	3.80						
7	596.1	25.9	24	64	88	482	24.	1.0	6.6	482	24.00						
8	597.1	20.4	59	30	89	934	16.	0.6	7.2	560	9.60						
9	598.1	14.9	47	31	78	544	2.4	1.4	8.6	762	3.36						
10	599.1	8.8	61	24	85	417	Imp.	1.7	10.3	709	0.00						
Total								-----		6,591							