



OILFIELD RESEARCH LABORATORIES

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

June 23, 1967

Noble L. Beck
1637 South Estelle
Wichita, Kansas

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core taken from the Elsheimer Lease, Well No. 3, Montgomery County, Kansas, and submitted to our laboratory on June 21, 1967.

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

Carl L. Pate

CLP:rf

7 c.

3-35-14E

Elsheimer 3

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Noble L. Beck Lease Elsheimer Well No. 3

Location SW NW

Section 3 Twp. 35S Rge. 14E County Montgomery State Kansas

Name of Sand	Bartlesville
Top of Core	1360.0
Bottom of Core	1368.0
Top of Sand (Cored)	1360.0
Bottom of Sand	1367.6
Total Feet of Permeable Sand	7.6
Total Feet of Floodable Sand	

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
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0 - 3	4.4	4.4
3 & above	3.2	7.6

Average Permeability Millidarcys	4.2
Average Percent Porosity	15.5
Average Percent Oil Saturation	27.7
Average Percent Water Saturation	49.3
Average Oil Content, Bbls./A. Ft.	335.
Total Oil Content, Bbls./Acre	2,544.
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 Noble L. Beck Lease Elsheimer Well No. 3

Depth Interval, Description
Feet _____

1360.0 - 1364.8 - Brown fine grained sandstone.

1364.8 - 1367.6 - Brown, laminated, shaly sandstone.

1367.6 - 1368.0 - Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Noble L. Beck Lease Elsheimer Well No. 3

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	1360.5	13.3	23	59	82	237	8.1	1.0	1.0	237	8.10
2	1361.5	16.8	30	45	75	390	1.9	1.0	2.0	390	1.90
3	1362.5	16.9	35	43	78	459	11.	1.0	3.0	459	11.00
4	1363.5	15.4	23	50	73	275	3.5	1.0	4.0	275	3.50
5	1364.5	15.5	30	46	76	360	1.7	0.8	4.8	288	1.36
6	1365.5	14.8	24	53	77	276	3.3	1.2	6.0	331	3.96
7	1366.5	15.6	29	49	78	351	1.8	1.0	7.0	351	1.80
8	1367.5	15.8	29	47	76	355	0.58	0.6	7.6	213	0.35
								Total	-----	2,544	