OILFIELD RESEARCH LABORATORIES
536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

July 10, 1979

We-Kan Resources, Inc.
Rt. 3
Garnett, Kansas 66032

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the Babcock Lease, Well No. 2, Anderson County, Kansas, and submitted to our laboratory on July 6, 1979.

These core samples were sampled by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman

Benjamin R. Pearman

BRP:km
5 c to Garnett, Kansas

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GENERAL INFORMATION & SUMMARY

Company We-Kan Resources, Inc. Lease Babcock Well No. 2

Location NW SE SE

Section 9 Twp. 22S Rge. 19E County Anderson State Kansas

Name of Sand	Squirrel
Top of Core	846.0
Bottom of Core	865.0
Top of Sand	846.0
Bottom of Sand	865.0
Total Feet of Permeable Sand	16.0
Total Feet of Floodable Sand	

Distribution of Permeable Sand:

Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 2	8.0	8.0
2 - 4	4.0	12.0
4 - 8	1.0	13.0
8 & Above	3.0	16.0

Average Permeability Millidarcys	3.9
Average Percent Porosity	15.6
Average Percent Oil Saturation	36.2
Average Percent Water Saturation	45.9
Average Oil Content, Bbls./A. Ft.	446.
Total Oil Content, Bbls./Acre	8,020.
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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LOG

Company We-Kan Resources, Inc. Lease Babcock Well No. 2

Depth Interval, Feet	Description
846.0 - 847.0	Light brown and gray finely laminated sandstone and shale.
847.0 - 848.0	Brown slightly laminated shaly sandstone.
848.0 - 849.0	Brown slightly shaly sandstone.
849.0 - 850.0	Gray and light brown laminated very shaly sandstone.
850.0 - 851.0	Brown slightly laminated shaly sandstone.
851.0 - 853.0	Brown and gray laminated sandstone and shale.
853.0 - 854.0	Brown shaly sandstone.
854.0 - 855.0	Gray sandy shale.
856.0 - 858.0	Brown shaly sandstone.
858.0 - 859.0	Dark brown sandstone.
859.0 - 860.0	Gray laminated sandy shale.
860.0 - 861.0	Dark brown shaly sandstone.
861.0 - 862.0	Dark brown sandstone.
862.0 - 863.0	Brown and gray finely laminated shaly sandstone.
863.0 - 864.0	Dark brown slightly shaly sandstone.
864.0 - 865.0	Brown and gray very laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company We-Kan Resources, Inc. **Lease** Babcock **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	Total			Ft.	Cum. Ft.		
1	846.5	15.0	27	54	81	314	0.55	1.0	1.0	314	0.55
2	847.5	14.7	30	49	79	342	2.4	1.0	2.0	342	2.40
3	848.5	18.3	23	42	65	327	7.5	1.0	3.0	327	7.50
4	849.5	14.2	35	50	85	386	0.95	1.0	4.0	386	0.95
5	850.5	13.0	32	63	95	323	3.2	1.0	5.0	323	3.20
6	851.5	13.7	26	60	86	285	1.1	1.0	6.0	285	1.10
7	852.5	14.0	39	52	91	424	0.19	1.0	7.0	424	0.19
8	853.5	15.2	45	38	83	531	2.3	1.0	8.0	531	2.30
9	854.5	14.3	41	48	89	455	Imp.	1.0	9.0	455	0.00
10	856.5	19.8	48	46	94	737	2.6	1.0	10.0	737	2.60
11	857.5	15.5	30	54	84	361	1.3	1.0	11.0	361	1.30
12	858.5	18.6	44	29	73	635	14.	1.0	12.0	635	14.00
13	859.5	14.0	28	60	88	304	Imp.	1.0	13.0	304	0.00
14	860.5	14.0	23	58	81	250	1.4	1.0	14.0	250	1.40
15	861.5	17.7	46	25	71	632	15.	1.0	15.0	632	15.00
16	862.5	15.3	39	44	83	463	0.52	1.0	16.0	463	0.52
17	863.5	18.9	49	21	70	719	8.5	1.0	17.0	719	8.50
18	864.5	14.6	47	32	79	532	0.61	1.0	18.0	532	0.61

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company We-Kan Resources, Inc. Lease Babcock Well No. 2

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
846.0 - 853.0	7.0	2.3	15.89
853.0 - 865.0	9.0	5.1	46.23
846.0 - 865.0	16.0	3.9	62.12

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 Bbls./Acre
846.0 - 853.0	7.0	14.7	30.3	52.9	344	2,401
853.0 - 865.0	11.0	16.2	40.0	41.5	511	5,619
846.0 - 865.0	18.0	15.6	36.2	45.9	446	8,020