

OILFIELD RESEARCH LABORATORIES

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

February 4, 1980

Co-Kan Oil & Gas, Inc.
115 West Main Street
Cherryvale, Kansas 67335

Gentlemen:

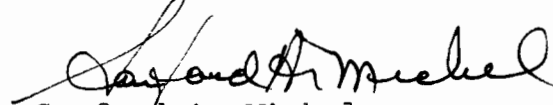
Enclosed herewith are the results of tests run on the rotary core taken from the Myers Lease, Well No. 3, Labette County, Kansas, and submitted to our laboratory on January 24, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas
5 c to Cherryvale, Kansas

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GENERAL INFORMATION & SUMMARY

Company Co-Kan Oil & Gas, Inc. Lease Myers Well No. 3

Location -

Section 9 Twp. 33S Rge. 18E County Labette State Kansas

Elevation, Feet	
Name of Sand	Bartlesville
Top of Core	601.0
Bottom of Core	622.6
Top of Sand	601.0
Bottom of Sand	622.6
Total Feet of Permeable Sand	16.6

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 1	8.7	8.7
1 - 2	4.9	13.6
2 & Above	3.0	16.6

Average Permeability Millidarcys	1.3
Average Percent Porosity	14.3
Average Percent Oil Saturation	24.0
Average Percent Water Saturation	56.4
Average Oil Content, Bbls./A. Ft.	282.
Total Oil Content, Bbls./Acre	5,929.

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LOGName Co-Kan Oil & Gas Inc. Lease Myers Well No. 3

<u>Depth Interval, Feet</u>	<u>Description</u>
601.0 - 601.7	Brown and gray laminated sandstone and shale.
601.7 - 606.1	Light brown shaly sandstone.
606.1 - 609.6	Dark slightly carbonaceous shaly sandstone.
609.6 - 609.8	Gray sandy shale.
609.8 - 610.2	Light brown shaly sandstone.
610.2 - 611.3	Dark, slightly carbonaceous shaly sandstone.
611.3 - 612.0	Gray shaly sandstone.
612.0 - 619.0	Dark slightly carbonaceous shaly sandstone.
619.0 - 622.6	Gray laminated shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Co-Kan Oil & Gas, Inc.

Lease Myers

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 ind.
			Oil	Water			Ft.	Cam. Ft.		
1	601.5	15.7	39	44	475	0.28	0.7	333	0.20	
2	602.5	4.9	20	71	76	Imp.	1.3	99	0.00	
3	603.5	5.5	14	84	60	Imp.	1.0	60	0.00	
4	604.5	6.9	12	55	64	Imp.	1.0	64	0.00	
5	605.5	5.9	22	56	101	Imp.	1.1	111	0.00	
6	606.5	16.2	32	48	402	1.1	0.9	362	0.99	
7	607.5	17.3	40	42	537	1.3	1.0	537	1.30	
8	608.5	17.4	36	43	486	0.84	1.0	486	0.84	
9	609.5	16.2	29	53	365	0.54	0.6	219	0.32	
10	610.5	17.9	36	44	500	0.56	1.1	550	0.62	
11	611.5	13.8	3	79	32	0.60	0.7	22	0.42	
12	612.5	17.2	23	56	307	0.56	1.0	307	0.56	
13	613.5	15.6	16	63	194	2.1	1.0	194	2.10	
14	614.5	16.3	20	51	253	1.9	1.0	253	1.90	
15	615.5	17.5	32	54	434	0.57	1.0	434	0.57	
16	616.5	16.7	26	49	337	1.3	1.0	337	1.30	
17	617.5	17.0	27	46	356	0.76	1.0	356	0.76	
18	618.5	15.0	14	68	163	2.5	1.0	163	2.50	
19	619.5	18.0	41	36	573	3.9	1.0	573	3.90	
20	620.5	16.3	26	53	329	1.4	1.0	329	1.40	
21	621.5	16.2	5	81	63	0.95	1.0	63	0.95	
22	622.5	16.5	10	66	128	0.69	0.6	77	0.41	

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Myers	Well No.				
Co-Kan Oil & Gas, Inc.			3				
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
601.0 - 622.6	16.6	1.3	21.04				
601.0 - 622.6	21.0			24.0	56.4	282	5,929
				14.3			