



OILFIELD RESEARCH LABORATORIES

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

January 24, 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. 2, Labette County, Kansas, and submitted to our laboratory on January 21, 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/tem
5 c to Cherryvale, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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GENERAL INFORMATION & SUMMARY

Company Co-Kan Oil & Gas, Inc. Lease Myers Well No. 2

Location -

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

Elevation, Feet	
Name of Sand	Bartlesville
Top of Core	607.0
Bottom of Core	620.0
Top of Sand	607.8
Bottom of Sand (Tested)	612.6
Total Feet of Permeable Sand	4.8

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 10	2.5	2.5
13 & Above	2.3	4.8

Average Permeability Millidarcys	10.9
Average Percent Porosity	19.8
Average Percent Oil Saturation	43.9
Average Percent Water Saturation	34.7
Average Oil Content, Bbls./A. Ft.	666.
Total Oil Content, Bbls./Acre	3,198.

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LOGName Co-Kan Oil & Gas, Inc. Lease Myers Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
607.0 - 607.8	Hard gray sandy shale.
607.8 - 609.0	Brown sandstone.
609.0 - 609.7	Brown slightly shaly sandstone.
609.7 - 610.8	Dark brown slightly carbonaceous sandstone.
610.8 - 612.0	Black slightly shaly carbonaceous sandstone.
612.0 - 612.6	Black shaly carbonaceous sandstone.
612.6 - 620.0	Gray carbonaceous shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Co-Kan Oil & Gas, Incorporated Lease Myers 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	608.5	22.0	29	33	62	495	13.	1.2	1.2	594	15.60
2	609.5	19.4	35	40	75	527	5.0	0.7	1.9	369	3.50
3	610.5	20.2	46	36	82	721	21.	1.1	3.0	793	23.10
4	611.5	19.5	59	30	89	893	8.3	1.2	4.2	1072	9.96
5	612.5	15.9	50	39	89	617	0.48	0.6	4.8	370	0.29

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Co-Kan Oil & Gas, Incorporated	Lease	Myers	Well No.		
				2		
	Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
	607.8 - 612.6	4.8	10.9	52.45		
	Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
	607.8 - 612.6	4.8	43.9	34.7	666	3,198