

OILFIELD RESEARCH LABORATORIES

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

May 12, 1980

We-Kan Resources, Incorporated
Rural Route 3
Garnett, Kansas 66032

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the Katzer Lease, Well No. 1, Anderson County, Kansas, and submitted to our laboratory on April 29, 1980.

The core samples were sealed in plastic bags by a representative of the client. In examining this core it is assumed that each sample represents one foot of core,

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Garnett, Kansas

- REGISTERED ENGINEERS -

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

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company We-Kan Resources, Inc. Lease Katzer Well No. 1
 Location 1100' N & 220' W. NE $\frac{1}{4}$
 Section 27 Twp. 20S Rge. 21E County Anderson State Kansas

Elevation, Feet	
Name of Sand	Squirrel
Top of Core	608.0
Bottom of Core	617.0
Top of Sand	608.0
Bottom of Sand	617.0
Total Feet of Permeable Sand	8.0

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 6	2.0	2.0
10 - 16	4.0	6.0
16 & Above	2.0	8.0

Average Permeability Millidarcys	11.9
Average Percent Porosity	18.2
Average Percent Oil Saturation	26.7
Average Percent Water Saturation	56.9
Average Oil Content, Bbls./A. Ft.	385.
Total Oil Content, Bbls./Acre	3,467.

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LOG

Name We-Kan Resources, Inc. Lease Katzer Well No. 1

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
608.0 - 609.0	Brown and gray laminated sandstone and shale.
609.0 - 611.0	Brown shaly sandstone.
611.0 - 612.0	Brown slightly shaly sandstone.
612.0 - 613.0	Brown sandstone.
613.0 - 617.0	Brown slightly calcareous sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company We-Kan Resources, Incorporated Lease Katzer 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	608.5	15.9	12	87	99	148	Imp.	1.0	1.0	148	0.00
2	609.5	15.1	15	80	95	176	0.23	1.0	2.0	176	0.23
3	610.5	16.2	20	71	91	251	5.6	1.0	3.0	251	5.60
4	611.5	20.8	28	43	71	452	12.	1.0	4.0	452	12.00
5	612.5	20.4	35	46	81	554	20.	1.0	5.0	554	20.00
6	613.5	21.2	31	45	76	510	13.	1.0	6.0	510	13.00
7	614.5	19.0	35	46	81	516	19.	1.0	7.0	516	19.00
8	615.5	15.5	35	50	85	421	11.	1.0	8.0	421	11.00
9	616.5	19.5	29	44	73	439	14.	1.0	9.0	439	14.00

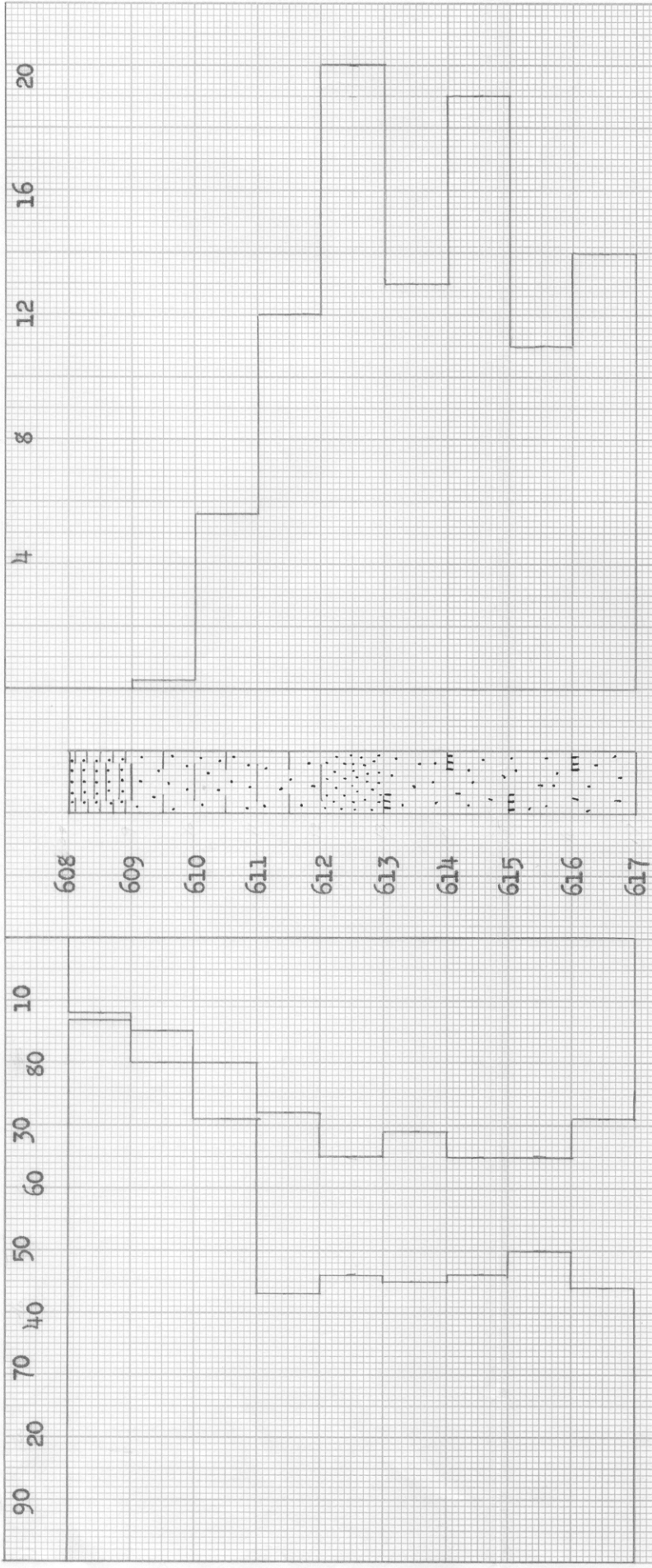
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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	We-Kan Resources, Incorporated	Lease	Katzner	Well No.	1
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Porosity	Average Water Saturation
608.0 - 617.0	8.0	11.9	94.83	26.7	56.9
Depth Interval, Feet	Feet of Core Analyzed	Average Porosity	Average Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbl./Acre
608.0 - 617.0	9.0	18.2	26.7	385	3,467

WATER SAT., PERCENT ——— PERMEABILITY, IN MILLIDARCYS
OIL SAT., PERCENT <——>



KEY:

- SANDSTONE
- CALCAREOUS SANDSTONE
- SHALY SANDSTONE
- LAMINATED SANDSTONE AND SHALE

WE - KAN RESOURCES, INC.

KATZER LEASE

WELL NO. 1

ANDERSON COUNTY, KANSAS

DEPTH INTERVAL, FEET

AVERAGE PERCENT OIL SATURATION

AVERAGE PERCENT WATER SATURATION

AVERAGE PERMEABILITY, MILLIDARCYS

WE - KAN RESOURCES, INC.

KATZER LEASE

WELL NO. 1

ANDERSON COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCY
608.0 - 617.0	9.0	18.2	26.7	56.9	11.9

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CHANUTE, KANSAS
MAY, 1980. HR