

OILFIELD RESEARCH LABORATORIES

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

April 16, 1981

Kanalta Resources, Ltd.
Box 112
Bronson, Kansas 66716

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Pancana-Weston Lease, Well No. 17, located in Woodson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on April 6, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Bronson, Kansas

Offield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Kanalta Resources, Ltd. Lease Pancana-Weston Well No. 17
 Location _____
 Section 13 Twp. 24S Rge. 15E County Woodson State Kansas

Elevation, Feet

Name of Sand.....

Upper Squirrel

Top of Core

1,085.0

Bottom of Core

1,100.0

Top of Sand

1,086.9

Bottom of Sand (Tested)

1,096.9

Total Feet of Permeable Sand

10.0

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
16 - 20	2.9	2.9
29 - 35	5.6	8.5
60 - 65	1.5	10.0

Average Permeability Millidarcys

31.4

Average Percent Porosity

17.9

Average Percent Oil Saturation

45.5

Average Percent Water Saturation

33.3

Average Oil Content, Bbls./A. Ft.

632.0

Total Oil Content, Bbls./Acre

6,320.0

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LOG

Name Kanalta Resources, Ltd. Lease Pancana-Weston Well No. 17

<u>Depth Interval, Feet</u>	<u>Description</u>
1085.0 - 1086.9	Hard gray limestone.
1086.9 - 1093.8	Brown sandstone.
1093.8 - 1095.4	Brown and gray laminated sandstone and shale.
1095.4 - 1100.0	Brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Kanalta Resources, Ltd. Lease Pancana-Weston Well No. 17

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	1087.2	17.9	54	22	76	750	16.	1.4	1.4	1050	22.40
2	1088.8	15.8	45	41	86	556	17.	1.5	2.9	834	25.50
3	1090.1	18.2	43	35	78	607	29.	1.5	4.4	911	43.50
4	1092.3	17.6	48	36	84	655	33.	1.5	5.9	983	49.50
5	1093.5	19.0	43	33	76	634	32.	1.0	6.9	634	32.00
6	1094.9	17.7	38	37	75	522	29.	1.6	8.5	835	46.40
7	1096.6	19.2	48	28	76	715	63.	1.5	10.0	1073	94.50

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SUMMARY OF PERMEABILITY & SATURATION TESTS

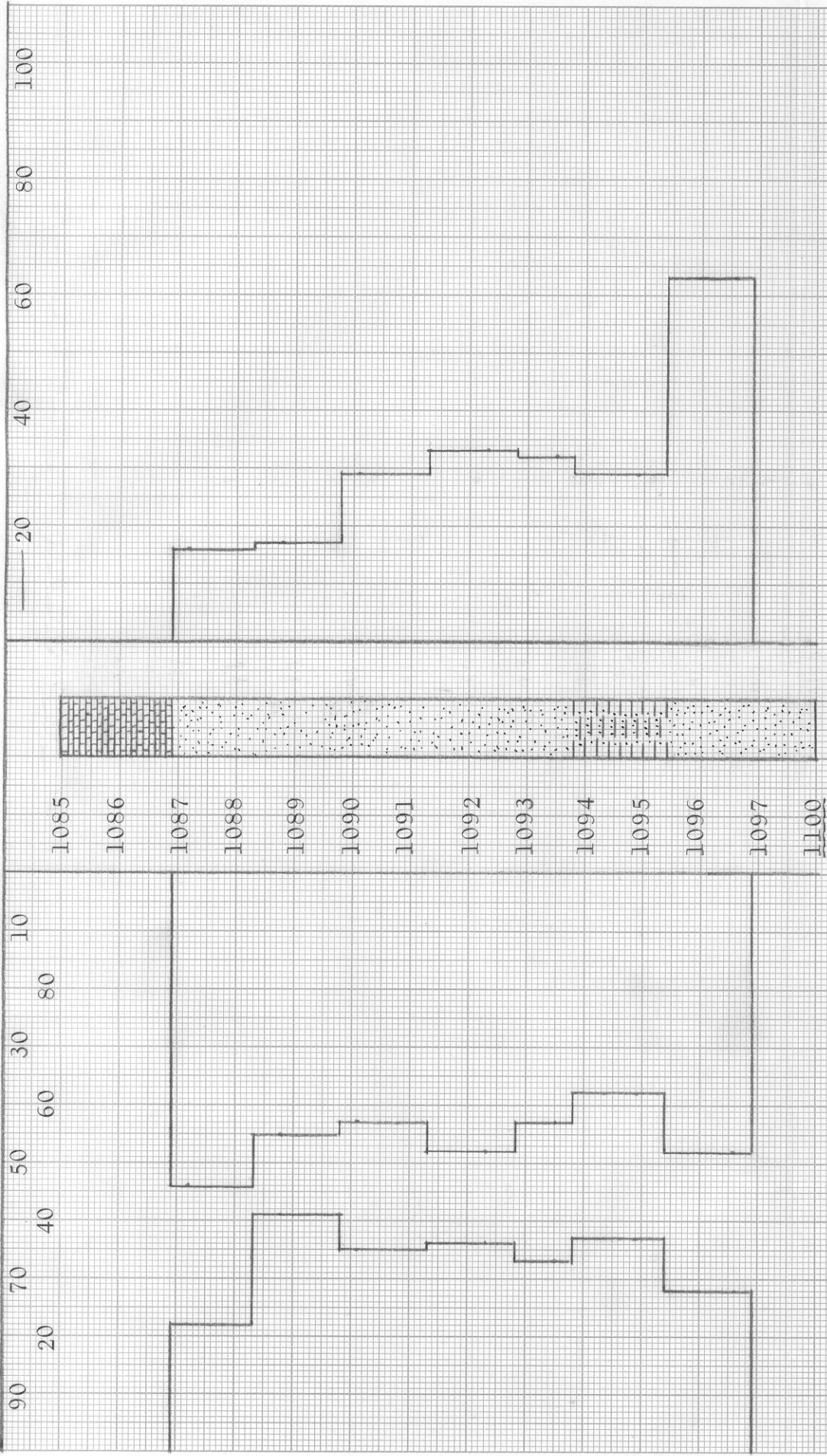
TABLE III

Company	Kanalta Resources, Ltd.	Lease	Pancana-Weston	Well No.	17
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Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
1,086.9 - 1,096.9	10.0	31.4	313.8

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
1,086.9 - 1,096.9	10.0	17.9	45.5	33.3	632	6,320

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



KEY:



LIMESTONE



SANDSTONE



LAMINATED SANDSTONE AND SHALE

KANALTA RESOURCES LIMITED

PANCANA-WESTON LEASE

WOODSON COUNTY, KANSAS

WELL NO. 17

KANALTA RESOURCES LIMITED

PANCANA-WESTON LEASE

WELL NO. 17

WOODSON COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE		AVG. OIL		AVG. WATER		AVERAGE	
		PERCENT		SATURATION		SATURATION		PERMEABILITY,	
		POROSITY		PERCENT		PERCENT		MILLIDARCS	
1,086.9 - 1,096.9	10.0	17.9		45.5		33.3		31.4	

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CHANUTE, KANSAS
APRIL, 1981

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