

OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS - PHONE HE1-2650

April 3, 1967

W. T. Cline
Route 4, Box 51
Chanute, Kansas

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core taken from the Cline Lease, Well No. 1, Allen County, Kansas, and submitted to our laboratory on March 31, 1967.

This core was sampled after being received in the laboratory.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

5 c.

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company W. T. Cline Lease Cline Well No. 1

Location NW

Section 17 Twp. 26S Rge. 18E County Allen State Kansas

Name of Sand - - - - - Bartlesville

Top of Core - - - - - 820.0

Bottom of Core - - - - - 836.0

Top of Sand - - - - - (Tested) - - - - - 820.0

Bottom of Sand - - - - - 834.5

Total Feet of Permeable Sand - - - - - 10.3

Total Feet of Floodable Sand - - - - -

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 10

3.0

3.0

10 - 20

6.3

9.3

20 & above

1.0

10.3

Average Permeability Millidarcys - - - - - 11.2

Average Percent Porosity - - - - - 17.5

Average Percent Oil Saturation - - - - - 41.6

Average Percent Water Saturation - - - - - 38.2

Average Oil Content, Bbls./A. Ft. - - - - - 570.

Total Oil Content, Bbls./Acre - - - - - 5,863.

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 W. T. Cline Lease Cline Well No. 1Depth Interval, Description
Feet

820.0 - 829.0 - Brown sandstone.

829.0 - 833.0 - Core not received.

833.0 - 833.2 - Gray sandy shale.

833.2 - 834.5 - Brown, slightly shaly sandstone.

834.5 - 836.0 - Gray sandy shale.

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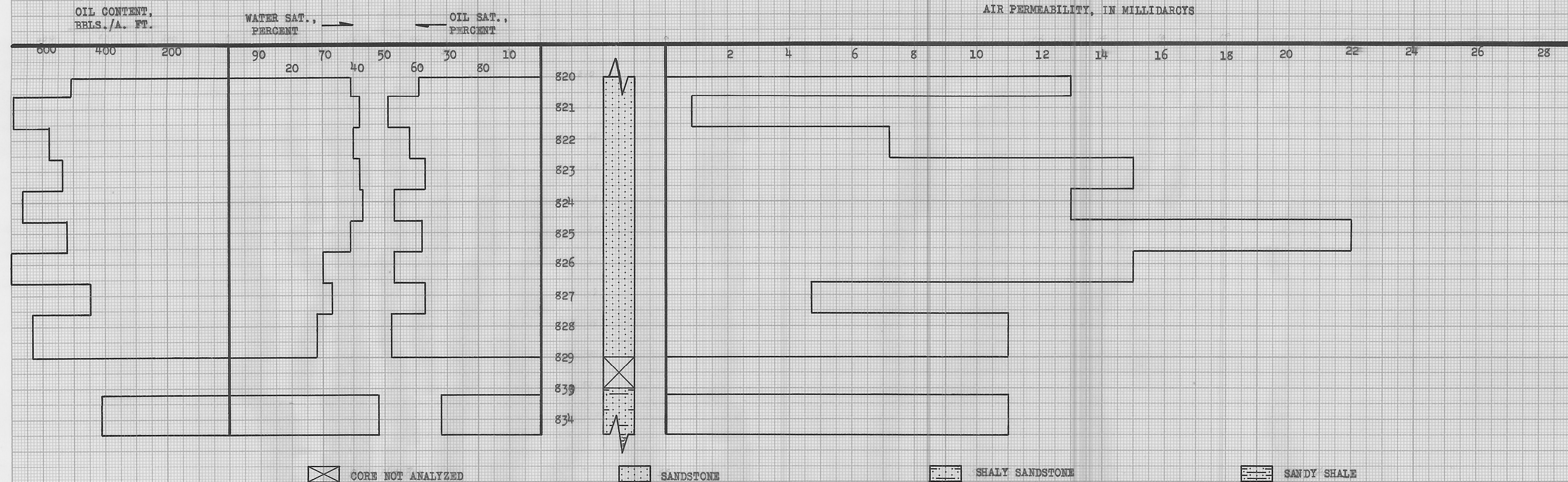
RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company W. T. Cline Lease Cline 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	820.1	16.8	39	39	78	509	13.	0.6	0.6	306	7.80
2	821.1	18.2	49	42	91	691	0.84	1.0	1.6	691	0.84
3	822.1	17.8	42	40	82	579	7.2	1.0	2.6	579	7.20
4	823.1	18.7	37	42	79	536	15.	1.0	3.6	536	15.00
5	824.1	18.2	47	43	90	663	13.	1.0	4.6	663	13.00
6	825.1	17.7	38	39	77	521	22.	1.0	5.6	521	22.00
7	826.1	19.2	47	30	77	700	15.	1.0	6.6	700	15.00
8	827.1	15.6	37	33	70	448	4.7	1.0	7.6	448	4.70
9	828.1	17.0	48	28	76	631	11.	1.4	9.0	884	15.40
10	834.3	16.6	32	48	80	411	11.	1.3	10.3	535	14.30
								Total	-----	5,863	

K+ S STANDARD 1/8" CROSS SECTION
MILLIMETER



W. T. CLINE

CLINE LEASE WELL NO. 1
ALLEN COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY, PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVG. OIL CONTENT BBLs./A. FT.	TOTAL OIL CONTENT BBLs./ACRE	AVG. AIR PERMEABILITY, MILLIDARCYS
820.0 - 834.5	10.3	17.5	41.6	38.2	570	5,863	11.2

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CHANUTE, KANSAS
APRIL, 1967