

OILFIELD RESEARCH LABORATORIES

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- REGISTERED ENGINEERS -

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Chanute, Kansas

January 24, 1961

Lindsay Drilling Company
1305 South Highland
Chanute, Kansas

Gentlemen:

Attached hereto are the results of tests run on the Cable Tool core taken from the Monty Erbe Lease, Well No. 1-C, Wilson County, Kansas, and submitted to our laboratory by Mr. Jim Lindsay on December 18, 1960.

This core was sampled and the samples were sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Carl L. Pate

CLP:db

5 c.

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Lindsay Drilling Co. Lease Monty Erbe Well No. 1-C

Location NW SW SE

Section 30 Twp. 29S Rge. 17E County Wilson State Kansas

Name of Sand	Bartlesville
Top of Core	865.9
Bottom of Core	877.2
Top of Sand	863.4
Bottom of Sand	877.2
Total Feet of Permeable Sand	-
Total Feet of Floodable Sand	-

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

Average Permeability Millidarcys	-
Average Percent Porosity	18.1
Average Percent Oil Saturation	36.3
Average Percent Water Saturation	47.3
Average Oil Content, Bbls./A. Ft.	483.
Total Oil Content, Bbls./Acre	5,454.
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 Lindsay Drilling Co. Lease Monty Erbe Well No. 1-C

Depth Interval, Description
Feet

865.9 - 869.4 - Brown sandstone.

869.4 - 870.6 - Soft sandy shale.

870.6 - 877.2 - Brown shaley sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Lindsay Drilling Co. Lease Monty Erbe Well No. 1-C

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	866.0	16.8	41	32	73	534		0.6	0.6	320	
2	867.0	16.1	54	34	88	674		1.0	1.6	674	
3	868.0	17.4	44	29	73	594		1.0	2.6	594	
4	869.0	17.8	42	32	74	580		0.9	3.5	522	
5	870.0	31.1	11	85	96	265		1.2	4.7	318	
6	871.0	17.3	52	29	81	698		0.9	5.6	628	
7	872.0	17.5	37	42	79	502		0.8	6.4	402	
8	872.7	16.4	41	45	86	522		0.8	7.2	418	
9	873.5	16.1	38	51	89	475		0.9	8.1	428	
10	874.5	16.0	29	55	84	360		1.0	9.1	360	
11	875.5	15.6	31	52	83	375		1.0	10.1	375	
12	876.5	15.9	28	53	81	346		1.2	11.3	415	