



OILFIELD RESEARCH LABORATORIES

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

700 NORTH MISSION - OKMULGEE, OKLAHOMA - PHONE SK6-4444

Chanute, Kansas

August 31, 1965

Fred E. Wood & Associates
Suite 204, 200 Sixteenth Street
Denver, Colorado

Gentlemen:

Attached hereto are the results of tests run on the Stray formation Cable Tool core taken from the Cline Lease, Well No. 86-LWP, Wilson County, Kansas, and submitted to our laboratory on August 28, 1965.

This core was sampled and the samples sealed in jars by a representative of the client.

The enclosed coregraph presents the data for both the Bartlesville and Stray cores.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

4 c. - Denver, Colorado
1 c. - A.W. Bailey

Cline 86-LWP

-LOG-

Company Fred E. Wood & Associates Lease Cline Well No. 86-LWPDepth Interval, Description
Feet _____

954.4 - 957.7 - Laminated sandstone and shale.

957.7 - 960.9 - Light brown, laminated, shaly sandstone.

960.9 - 962.7 - Dark, carbonaceous, shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

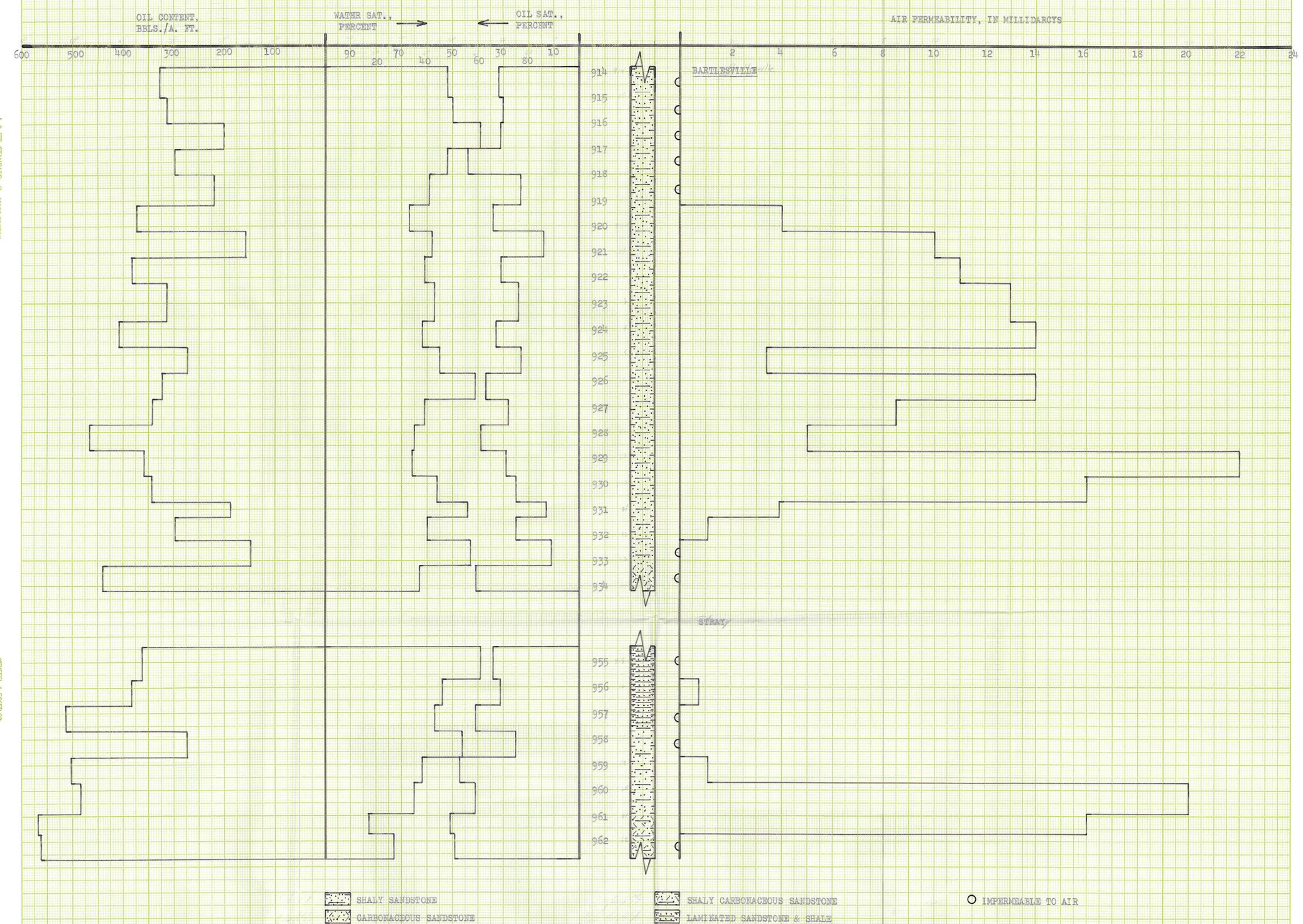
TABLE 1-B

Company Fred E. Wood & Associates Lease Cline Well No. 86-LWP

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.		
21	955.0	13.7	34	61	95	361	Imp.	1.3	1.3	469	0.00
22	956.2	15.9	31	46	77	382	0.77	1.0	2.3	382	0.77
23	957.2	16.2	41	43	84	514	Imp.	1.0	3.3	514	0.00
24	958.2	14.1	25	54	79	273	Imp.	1.0	4.3	273	0.00
25	959.2	13.8	47	38	85	503	1.1	1.0	5.3	503	1.10
26	960.2	15.2	41	35	76	484	20.	1.2	6.5	580	24.00
27	961.2	14.4	51	17	68	569	16.	0.8	7.3	455	12.80
28	962.2	14.8	49	27	76	561	Imp.	1.0	8.3	561	0.00
								Total	-----	3,737	

K&E STANDARDS
MILLIMETERS
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SHALY SANDSTONE
 SHALY CARBONACEOUS SANDSTONE
 ○ IMPERMEABLE TO AIR
 CARBONACEOUS SANDSTONE
 LAMINATED SANDSTONE & SHALE

FRED E. WOOD & ASSOCIATES

CLINE LEASE WELL NO. #6-LWP
WILSON COUNTY, KANSAS

	DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY, PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVG. OIL CONTENT BLS./A. FT.	TOTAL OIL CONTENT BLS./ACRE	AVG. AIR PERMEABILITY, MILLIDARCY
BARTLESVILLE	913.8 - 919.2	5.4	11.3	31.6	49.1	272	1,466	0.0
	919.2 - 934.2	15.0	15.5	27.4	42.5	324	4,869	10.1
	913.8 - 934.2	20.4	14.5	28.6	44.2	310	6,335	10.1
STRAY	954.4 - 962.7	8.3	14.7	38.4	41.4	450	3,737	9.7

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CHANUTE, KANSAS
AUGUST, 1965

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