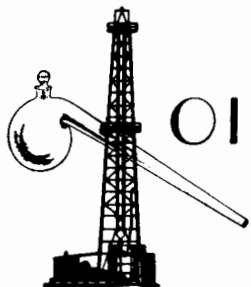


25-16-21E

OILFIELD RESEARCH LABORATORIES

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

February 3, 1966



John J. Robertson
Box 873
Shawnee, Oklahoma

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core taken from the Boehm Lease, Well No. 5, Miami County, Kansas, and submitted to our laboratory on January 29, 1966.

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

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

A handwritten signature in cursive script, which appears to read "Carl L. Pate". The signature is written in black ink and is positioned above the printed name.

Carl L. Pate

CLP:rf

5 c.

OILFIELD RESEARCH LABORATORIES

LOGCompany John J. Robertson Lease Boehm Well No. 5Depth Interval, Description
Feet

650.0 - 654.0 - Brown, fine grained sandstone.

654.0 - 656.0 - Light brown, slightly shaly sandstone.

656.0 - 657.0 - Brownish gray, shaly, slightly calcareous sandstone.

657.0 - 664.0 - Brown, fine grained sandstone.

664.0 - 665.0 - Gray, laminated, sandy shale.

665.0 - 666.0 - Light brown, fine grained sandstone.

666.0 - 680.0 - Brown, fine grained sandstone.

680.0 - 681.0 - Dark, fine grained, carbonaceous sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION TESTS

TABLE II

Company John J. Robertson Lease Boehm Well No. 5

Sat. No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls./A. Ft.	Feet of Core		Total Oil Content Bbls./Acre
			Oil	Water	Total		Ft.	Cum. Ft.	
1	650.5	19.1	38	27	65	564	1.0	1.0	564
2	651.5	19.9	40	35	75	618	1.0	2.0	618
3	652.5	19.4	40	38	78	602	1.0	3.0	602
4	653.5	19.0	51	35	86	752	1.0	4.0	752
5	654.5	18.1	36	36	72	506	1.0	5.0	506
6	655.5	16.0	40	50	90	497	1.0	6.0	497
7	656.5	8.1	39	48	87	245	1.0	7.0	245
8	657.5	19.1	31	38	69	460	1.0	8.0	460
9	658.5	19.4	51	38	89	768	1.0	9.0	768
10	659.5	22.1	46	33	79	789	1.0	10.0	789
11	660.5	19.8	49	34	83	753	1.0	11.0	753
12	661.5	20.9	47	32	79	763	1.0	12.0	763
13	662.5	20.2	42	37	79	658	1.0	13.0	658
14	663.5	22.3	42	40	82	726	1.0	14.0	726
15	664.5	14.8	18	67	85	207	1.0	15.0	207
16	665.5	18.2	20	51	71	282	1.0	16.0	282
17	666.5	17.6	38	43	81	519	1.0	17.0	519
18	667.5	21.8	50	34	84	846	1.0	18.0	846
19	668.5	20.0	45	40	85	698	1.0	19.0	698
20	669.5	22.6	37	40	75	649	1.0	20.0	649
21	670.5	21.0	32	39	71	521	1.0	21.0	521
22	671.5	21.2	43	43	86	708	1.0	22.0	708
23	672.5	24.3	42	38	80	792	1.0	23.0	792
24	673.5	19.9	43	45	88	664	1.0	24.0	664

Oilfield Research Laboratories

RESULTS OF SATURATION TESTS

TABLE II

Company John J. Robertson Lease Boehm Well No. 5

Sat. No.	Depth, Feet	Effective Porosity Percent	Percent Saturation		Oil Content Bbls./A. Ft.	Feet of Core		Total Oil Content Bbls./Acre
			Oil	Water		Total	Ft.	
25	674.5	20.2	28	45	439	1.0	25.0	439
26	675.5	22.7	47	33	828	1.0	26.0	828
27	676.5	22.7	42	39	740	1.0	27.0	740
28	677.5	21.7	35	41	589	1.0	28.0	589
29	678.5	22.3	42	35	727	1.0	29.0	727
30	679.5	22.5	47	32	821	1.0	30.0	821
31	680.5	20.3	47	31	741	1.0	31.0	741
Total-----								19,472

Oilfield Research Laboratories

SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company John J. Robertson Lease Boehm Well No. 5

Permeability
Capacity
Ft. x Md.

Average
Permeability,
Millidarcys

Feet of Core
Analyzed

Depth Interval,
Feet

Total Oil
Content
Bbl./Acre

Average
Oil Content
Bbl./A. Ft.

Average
Percent Water
Saturation

Average
Percent Oil
Saturation

Average
Percent
Porosity

Feet of Core
Analyzed

Depth Interval,
Feet

650.0 - 666.0	16.0	18.6	39.4	39.9	574.	9,190
666.0 - 681.0	15.0	21.4	41.9	38.5	686	10,282
650.0 - 681.0	31.0	19.9	40.3	39.3	628	19,472