



OILFIELD RESEARCH LABORATORIES

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

August 19, 1967

Sanders-Thoureen, Inc.
P.O. Box 260
Lake Worth, Florida

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the Inge Lease, Well No. 0-97, Elk County, Kansas, and submitted to our laboratory on August 18, 1967.

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

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

2 c. - Lake Worth, Florida
2 c. - Chicago, Illinois
2 c. - Bartlesville, Okla.

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-LOG-

Company Sanders-Thoureen, Inc. Lease Inge Well No. 0-97

Depth Interval, Description
Feet

671.0 - 672.8 - Gray, laminated, sandy shale.

672.8 - 675.0 - Grayish light brown, shaly, slightly calcareous sandstone.

675.0 - 678.8 - Brown, shaly, slightly calcareous sandstone.

678.8 - 687.3 - Brown, slightly calcareous sandstone.

687.3 - 693.6 - Light brown, slightly calcareous sandstone.

693.6 - 694.7 - Light brown, slightly calcareous, slightly carbonaceous sandstone.

694.7 - 695.9 - Gray, sandy shale.

695.9 - 696.2 - Coal

696.2 - 698.0 - Gray, laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Sanders-Thoureen, Inc. Lease Inge Well No. 0-97

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	673.1	20.5	11	83	94	175	13.	0.8	0.8	140	10.40
2	674.1	22.0	12	60	72	204	19.	1.4	2.2	286	26.60
3	675.1	24.8	35	44	79	673	23.	0.6	2.8	404	13.80
4	676.1	21.8	28	47	75	473	9.3	1.0	3.8	473	9.30
5	677.1	23.6	36	43	79	659	7.8	1.0	4.8	659	7.80
6	678.1	21.1	28	46	74	458	4.6	1.2	6.0	550	5.52
7	679.1	22.0	40	44	84	682	14.	0.8	6.8	546	11.20
8	680.1	25.4	43	37	80	847	31.	1.0	7.8	847	31.00
9	681.1	25.3	41	35	76	804	30.	1.0	8.8	804	30.00
10	682.1	24.8	37	34	71	712	147.	1.0	9.8	712	147.00
11	683.1	16.9	56	41	97	733	94.	1.0	10.8	733	94.00
12	684.1	22.8	36	36	72	636	81.	1.0	11.8	636	81.00
13	685.1	20.4	38	41	79	601	68.	1.0	12.8	601	68.00
14	686.1	18.8	31	48	79	452	104.	1.0	13.8	452	104.00
15	687.1	16.8	36	46	82	469	73.	0.6	14.4	281	43.80
16	688.1	21.4	27	46	73	448	88.	1.2	15.6	537	105.60
17	689.1	21.8	14	62	76	236	132.	1.0	16.6	236	182.00
18	690.1	25.0	9	79	88	174	253.	1.0	17.6	174	253.00
19	691.1	21.1	10	81	91	164	154.	1.0	18.6	164	154.00
20	692.1	24.0	11	76	87	206	220.	1.0	19.6	206	220.00
21	693.1	23.9	13	74	87	241	238.	1.0	20.6	241	238.00
22	694.1	26.0	26	47	73	525	133.	1.1	21.7	577	146.30
Total								-----		10,259	

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Sanders-Thoureen, Inc.	Lease	Inge	Well No.	0-97
Depth Interval, Feet	Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity, Ft. x Md.	Total Oil Content, Bbls./Acre
Depth Interval, Feet	Feet of Core Analyzed	Average Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content, Bbl./A. Ft.
672.8 - 675.0	2.2	21.4	11.6	68.4	194
675.0 - 687.3	12.2	21.9	37.2	41.5	630
687.3 - 694.7	7.3	23.3	16.2	65.5	292
672.8 - 694.7	21.7	22.4	27.5	52.3	472
					10,259