

OILFIELD RESEARCH LABORATORIES

813 EAST SIXTH
OKMULGEE, OKLAHOMA
PHONE: 4444

- REGISTERED ENGINEERS -

Chanute, Kansas

536 N. HIGHLAND
CHANUTE, KANSAS
PHONE: 728

March 17, 1961

Mr. Gordon Willis
319 West Seventh
Chanute, Kansas

Dear Sir:

Attached hereto are the results of tests run on the Cable Tool core taken from the Moon "B" Lease, Well No. 3, Allen County, Kansas, and submitted to our laboratory on March 11, 1961.

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

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

BRP:db

5 c.

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LOG

Company Gordon Willis Lease Moon "B" Well No. 3

Depth Interval, Description
Feet

732.0 - 733.5 - Shale.

733.5 - 735.2 - Hard brown sandstone.

735.2 - 738.0 - Soft laminated sandstone and shale.

738.0 - 744.5 - Brown slightly micaceous sandstone.

744.5 - 746.5 - Dark laminated shaley sandstone.

746.5 - 750.3 - Soft shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Gordon Willis Lease Moon "B" Well No. 3

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	734.1	11.4	44	14	58	389	0.71	1.1	1.1	428	0.78
2	735.1	20.2	44	25	69	689	60.	0.6	1.7	313	36.00
3	738.1	16.0	47	34	81	583	105.	0.6	2.3	350	63.00
4	739.1	20.3	53	25	78	835	58.	1.0	3.3	835	58.00
5	740.1	20.5	43	35	78	684	60.	1.0	4.3	684	60.00
6	741.1	17.5	49	37	86	665	99.	1.0	5.3	665	99.00
7	742.1	21.4	52	36	88	864	106.	1.0	6.3	864	106.00
8	743.1	21.1	52	31	83	851	110.	1.0	7.3	851	110.00
9	744.1	22.0	66	21	87	1,126	16.	0.9	8.2	1,012	14.40

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III - B

Company Gordon Willis Lease Moon "B" Well No. 3

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
733.5 - 744.5	8.2	66.8	547.18

Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbl./Acre
733.5 - 744.5	8.2	18.9	50.1	28.4	733	6,002