

OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

July 29, 1980

Thompson Oil & Gas, Ltd.
712 Denver Center
Denver, Colorado 80200

Gentlemen:

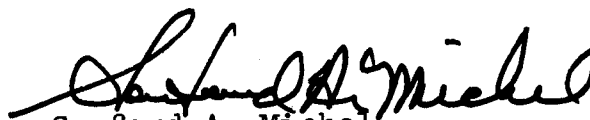
Attached hereto are the results of tests run on the rotary core taken from the Hess Lease, Well No. 7, located in Section 28, T-25S, R-19E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on July 23, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas
5 c to Denver, Colorado

LOGName Thompson Oil & Gas, Ltd. Lease Hess Well No. 7

<u>Depth Interval, Feet</u>	<u>Description</u>
835.0 - 837.2	Grayish light brown sandy shale.
837.2 - 838.0	Grayish brown very shaly sandstone.
838.0 - 840.9	Gray sandy shale.
840.9 - 843.3	Brown and gray laminated sandstone and shale.
843.3 - 846.0	Brown slightly calcareous sandstone.
846.0 - 847.6	Brown and gray laminated slightly calcareous sandstone and shale.
847.6 - 850.6	Dark brown slightly calcareous sandstone.
850.6 - 852.2	Brown and gray laminated sandstone and shale.
852.2 - 853.5	Brown sandstone.
853.5 - 855.5	Brown and gray laminated sandstone and shale.
855.5 - 856.0	Core not received.
856.0 - 859.3	Dark brown slightly calcareous sandstone.
859.3 - 861.2	Brown shaly sandstone.
861.2 - 862.0	Brown and gray laminated sandstone and shale.
862.0 - 864.3	Gray sandy shale.
864.3 - 865.0	Brown shaly sandstone.
865.0 - 868.0	Dark brown sandstone.
868.0 - 870.0	Brown and gray laminated sandstone and shale.
870.0 - 871.3	Dark brown sandstone.
871.3 - 871.8	Brown shaly sandstone.
871.8 - 873.8	Grayish brown sandy shale.
873.8 - 877.0	Brown and gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Thompson Oil & Gas, Ltd. Lease Hess Well No. 7

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	843.7	22.3	34	22	56	588	62.
2	845.8	21.9	38	18	56	646	145.
3	848.7	18.1	41	25	66	576	32.
4	851.5	18.1	44	25	69	618	5.8
5	855.1	19.0	45	21	66	663	15.
6	858.6	18.8	69	15	84	1006	46.
7	860.7	22.5	55	19	74	960	1.6
8	864.8	13.6	36	42	78	380	2.7
9	867.7	18.5	69	16	85	990	21.
10	870.4	20.6	66	18	84	1055	13.
11	875.4	17.6	37	50	87	505	Imp.