



OILFIELD RESEARCH LABORATORIES

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

May 22, 1981

Thompson Oil & Gas, Ltd.
712 Denver Center Building
1776 Lincoln Street
Denver, Colorado 80200

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Hess Lease, Well No. 9, located in Section 28, T-25S, R-19E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on May 15, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Denver, Colorado

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LOG

Name Thompson Oil & Gas, Ltd. Lease Hess Well No. 9

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
864.0 - 866.6	Brown sandstone.
866.6 - 871.4	Brown and gray laminated sandstone and shale.
871.4 - 873.8	Brown sandstone.
873.8 - 875.3	Brown and gray laminated sandstone and shale.
875.3 - 875.7	Brown sandstone.
875.7 - 880.5	Brown and gray laminated sandstone and shale.
880.5 - 883.3	Gray sandy shale.
883.3 - 884.6	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. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	864.5	17.8	64	18	82	884	46.
2	865.5	16.7	38	42	80	492	14.
3	866.4	19.1	67	14	81	993	43.
4	867.5	9.2	38	42	80	271	Imp.
5	868.5	11.8	26	51	77	238	Imp.
6	869.5	12.6	47	38	85	459	0.43
7	870.4	17.7	66	27	93	906	2.8
8	871.5	19.9	59	11	70	911	56.
9	872.5	19.1	73	4	77	1082	54.
10	873.5	16.0	84	14	98	1043	21.
11	874.3	17.8	72	15	87	994	2.4
12	875.5	19.7	73	15	88	1116	10.
13	876.5	17.0	71	22	93	936	4.2