



OILFIELD RESEARCH LABORATORIES

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

October 25, 1979

North Slope Properties, Ltd.
c/o Don Thompson
212 North Holiday Lane
Iola, Kansas 66749

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the McIntyre Lease, Well No. 20, Allen County, Kansas, and submitted to our laboratory on October 23, 1979.

These core samples were sampled and sealed in plastic bags by a representative of the client. In examining this core, it is assumed that each sample represents one foot of core.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

BRP:km
5 c to Iola, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOG

Company North Slope Properties, Ltd. Lease McIntyre Well No. 20

<u>Depth Interval, Feet</u>	<u>Description</u>
885.0 - 888.0	Light brown shaly sandstone.
888.0 - 890.0	Reported by client as shale.
890.0 - 891.0	Brown slightly shaly sandstone.
891.0 - 892.0	Reported by client as shale.
892.0 - 895.0	Brown sandstone.
895.0 - 896.0	Light brown shaly sandstone.
896.0 - 897.0	Brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company North Slope Properties, Ltd.

Lease McIntyre

Well No. 20

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	885.5	15.2	52	39	91	613	12.	1.0	613	12.00	
2	886.5	10.6	38	58	96	313	3.2	1.0	313	3.20	
3	887.5	15.1	49	46	95	574	3.1	1.0	574	3.10	
4	890.5	17.7	41	36	77	563	15.	1.0	563	15.00	
5	892.5	18.2	50	36	86	706	19.	1.0	706	19.00	
6	893.5	19.3	54	33	87	809	41.	1.0	809	41.00	
7	894.5	17.0	41	48	89	541	43.	1.0	541	43.00	
8	895.5	17.1	25	60	85	332	1.8	1.0	332	1.80	
9	896.5	19.7	31	53	84	474	29.	1.0	474	29.00	

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company North Slope Properties, Ltd. Lease McIntyre Well No. 20

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Percent Oil Saturation	Average Percent Water Saturation	Total Oil Content Bbls./Acre
885.0 - 897.0	9.0	18.6	167.10	16.7	42.3	547
885.0 - 897.0	9.0			16.7	45.4	4,925