



OILFIELD RESEARCH LABORATORIES

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

August 29, 1980

Mildred Oil Company
Rural Route # 2
Colony, Kansas 66015

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Stockebrand Lease, Well No. 5, located 1320' West of the East Line and 165' North of the South Line in the NE $\frac{1}{4}$ of Section 20, T-24S, R-16E, Woodson County, Kansas and submitted to our laboratory on August 26, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/ks

2 c to Colony, Kansas
2 c to Newton, Kansas
1 c to Perry Brigham, Iola, Kansas

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LOGName Mildred Oil Company Lease Stockebrand Well No. 5

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>SQUIRREL SAND</u>
984.0 - 987.2	Brown slightly shaly sandstone.
987.2 - 988.1	Brown slightly calcareous sandstone.
988.1 - 988.9	Brown slightly calcareous slightly shaly sandstone.
988.9 - 993.3	Brown slightly calcareous sandstone.
993.3 - 994.0	Brown slightly calcareous slightly shaly sandstone.
994.0 - 997.3	Brown slightly calcareous sandstone.
997.3 - 997.7	Brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Mildred Oil Company Lease Stockebrand Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	984.5	16.3	44	44	88	556	5.2
2	985.5	16.8	33	52	85	430	6.0
3	986.5	16.5	44	47	91	563	8.5
4	987.5	17.6	44	43	87	601	14.
5	988.5	18.7	35	47	82	508	9.6
6	989.5	18.2	37	41	78	522	11.
7	990.5	17.3	42	38	80	564	10.
8	991.5	16.6	58	33	91	747	14.
9	992.5	18.7	44	38	82	638	19.
10	993.5	15.9	49	36	85	604	9.4
11	994.5	18.3	55	29	84	781	11.
12	995.5	17.4	48	34	82	648	14.
13	996.5	17.4	49	32	81	661	12.
14	997.5	19.1	51	34	85	756	3.7