



OILFIELD RESEARCH LABORATORIES

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

April 23, 1982

Iona- Unruh
705 Cheyenne
Coffeyville, Kansas 67337

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Krusky-Monroe Lease, Well No. 5, located in Section 18, T-32S, R-13E, in Chautauqua County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories and was received in our laboratory on April 21, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/pdc

5 c to Coffeyville, Kansas

- REGISTERED ENGINEERS -

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

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LOGName Iona - Unruh Lease Krusky-Monroe Well No. 5

<u>Depth Interval, Feet</u>	<u>Description</u>
	Wiser Sand
1049.0 - 1051.0	Brown slightly shaly sandstone.
1051.0 - 1051.8	Light brown shaly sandstone.
1051.8 - 1053.0	Light brown sandstone.
1053.0 - 1053.8	Light brown slightly shaly sandstone.
1053.8 - 1054.7	Light brown shaly sandstone.
1054.7 - 1058.3	Light brown sandstone.
1058.3 - 1060.0	Light brown sandstone with scattered gray shale partings containing a vertical fracture.
1060.0 - 1062.0	Light brown sandstone containing a vertical fracture.
1062.0 - 1063.0	Grayish light brown shaly sandstone containing a vertical fracture.
1063.0 - 1064.6	Brown sandstone containing a vertical fracture.
1064.6 - 1068.3	Grayish brown shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Iona - Unruh Lease Krusky-Monroe Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1049.5	14.3	31	57	88	344	6.3
2	1050.5	15.2	27	62	89	318	6.8
3	1051.6	15.5	22	62	84	264	4.3
4	1052.4	14.4	32	52	84	358	11.
5	1053.5	16.0	26	61	87	323	6.4
6	1054.5	15.5	45	45	90	541	2.8
7	1055.5	15.1	54	26	80	633	13.
8	1056.6	19.0	31	47	78	457	14.
9	1057.6	17.0	25	61	86	330	13.
10	1058.6	16.7	18	55	73	233	13.
11	1059.7	19.2	20	56	76	298	28.
12	1060.6	18.1	26	52	78	365	18.
13	1061.5	17.4	19	68	87	256	21.
14	1062.5	16.5	11	70	81	141	5.2
15	1063.5	17.3	28	50	78	376	11.
16	1064.4	17.8	16	62	78	221	23.
17	1065.4	14.0	29	57	86	315	3.7
18	1066.5	15.4	20	67	87	239	4.9
19	1067.4	15.5	16	71	87	192	2.8