

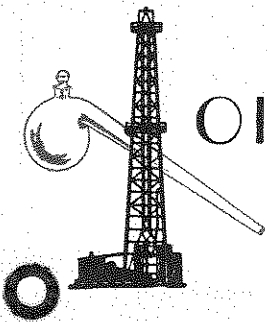
RAINBOW OIL, INC.

CORE ANALYSIS REPORT

MOORE LEASE

WELL NO. 4

NEOSHO COUNTY, KANSAS



OILFIELD RESEARCH LABORATORIES

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

February 27, 1975

Rainbow Oil, Inc.
Box 556
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core taken from the Moore Lease, Well No. 4, Neosho County, Kansas, and submitted to our laboratory on February 19, 1975.

This core was sampled by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Carl L. Pate

CLP:bl
5 c to Chanute, Kansas

OILFIELD RESEARCH LABORATORIES

-LOG-

Company Rainbow Oil, Inc. Lease Moore Well No. 4

<u>Depth Interval,</u>	<u>Description</u>
<u>Feet</u>	

747.0 - 750.8 - Light brown shaly sandstone.

750.8 - 752.3 - Brown slightly shaly sandstone.

752.3 - 752.6 - Light brown shaly sandstone.

752.6 - 753.6 - Brown slightly shaly sandstone.

753.6 - 757.8 - Gray sandy shale.

757.8 - 760.6 - Brown shaly sandstone.

760.6 - 764.6 - Grayish brown very shaly sandstone.

764.6 - 765.0 - Gray sandy shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Rainbow Oil, Inc.

Lease Moore

Well No. 4

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	747.5	16.8	25	58	83	326	1.7	1.0	1.0	326	1.70
2	748.5	16.6	29	63	92	373	2.3	1.0	2.0	373	2.30
3	749.5	16.2	19	64	83	239	1.8	1.0	3.0	239	1.80
4	750.5	19.6	20	60	80	305	1.2	0.8	3.8	244	0.96
5	751.5	16.1	27	61	88	338	12.	1.5	5.3	507	18.00
6	752.5	14.7	28	68	96	320	0.52	0.3	5.6	96	0.16
7	758.1	16.8	34	58	92	425	0.31	1.0	6.6	425	0.31
8	759.6	18.2	34	48	82	481	6.1	1.2	7.8	577	7.32
9	760.5	12.5	15	80	95	146	6.0	0.6	8.4	88	3.60
10	761.5	15.4	32	59	91	383	0.76	1.4	9.8	536	1.06
11	762.5	17.8	22	56	78	304	1.6	1.0	10.8	304	1.60
12	763.5	16.1	36	59	95	450	0.27	1.0	11.8	450	0.27
13	764.5	16.7	33	62	95	428	Imp.	0.6	12.4	256	0.00

Oilfield Research Laboratories

SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Rainbow Oil, Inc. Lease Moore Well No. 4

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
747.0 - 752.6	5.6	4.4	24.92
757.8 - 764.0	6.2	2.3	14.16
747.0 - 764.0	11.8	3.3	39.08

Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
747.0 - 752.6	5.6	16.7	24.6	61.7	319	1,785
757.8 - 764.6	6.8	16.4	30.4	58.7	397	2,636
747.0 - 764.6	12.4	16.6	27.8	59.8	357	4,421