



OILFIELD RESEARCH LABORATORIES

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

November 2, 1979

Alco Drilling Company, Inc.
Rural Route 3
Iola, Kansas 66749

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the Menzie Lease, Well No.8, Allen County, Kansas, and submitted to our laboratory on October 23, 1979.

The samples were sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

BRP/tem
4 c to Iola, Kansas

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LOG

Name Alco Drilling Company, Inc Lease Menzie Well No. 8

<u>Depth Interval, Feet</u>	<u>Description</u>
899.0 - 901.0	Dark brown sandstone.
901.0 - 903.0	Brown slightly shaly sandstone.
903.0 - 906.0	Light brown shaly sandstone.
906.0 - 907.0	Dark brown slightly shaly sandstone.
907.0 - 908.0	Dark brown sandstone.
908.0 - 909.0	Light brown shaly sandstone.
909.0 - 910.0	Dark brown slightly shaly sandstone.
910.0 - 911.0	Dark brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Alco Drilling Company, Inc. Lease Menzie Well No. 8

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	899.5	22.3	36	33	69	623	247.	1.0	1.0	623	247.00
2	900.5	19.8	54	18	72	838	160.	1.0	2.0	838	160.00
3	901.5	16.9	48	30	78	629	39.	1.0	3.0	629	39.00
4	902.5	17.4	38	33	71	513	14.	1.0	4.0	513	14.00
5	903.5	15.0	29	45	74	338	2.1	1.0	5.0	338	2.10
6	904.5	14.8	35	36	71	402	0.47	1.0	6.0	402	0.47
7	905.5	14.7	28	48	76	319	3.8	1.0	7.0	319	3.80
8	906.5	14.8	32	46	78	367	7.1	1.0	8.0	367	7.10
9	907.5	18.3	46	26	72	653	133.	1.0	9.0	653	133.00
10	908.5	14.2	35	46	81	386	1.0	1.0	10.0	386	1.00
11	909.5	18.3	53	15	68	752	7.8	1.0	11.0	752	7.80
12	910.5	19.6	60	13	73	912	167.	1.0	12.0	912	167.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Well No.	8
Alco Drilling Company, Inc.	Menzie		
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
899.0 - 911.0	12.0	65.2	782.27
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation
899.0 - 911.0	12.0	17.2	41.1
		Average Percent Porosity	Average Oil Content Bbl./A. Ft.
899.0 - 911.0	12.0	32.4	561
			Total Oil Content Bbls./Acre
			6,732