



OILFIELD RESEARCH LABORATORIES

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

June 5, 1979

Allegro Investments, Inc.
P.O. Box 2337
Victoria, Texas 77901

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the French Lease, Well No. 5, Labette County, Kansas, and submitted to our laboratory on May 25, 1979.

This 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


Benjamin R. Pearman

BRP:km
5 c to Victoria, Texas

- REGISTERED ENGINEERS -

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

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LOG

Name Allegro Investments, Inc. Lease French Well No. 5

<u>Depth Interval, Feet</u>	<u>Description</u>
827.0 - 829.1	Light brown laminated shaly sandstone.
829.1 - 835.1	Brown laminated shaly sandstone.
835.1 - 835.4	Gray shale.
841.0 - 848.2	Brown sandstone.
848.2 - 849.0	Gray sandy shale.
849.0 - 850.5	Brown sandstone.
850.5 - 854.0	Gray sandy shale.
854.0 - 854.9	Gray and light brown laminated shale and sandstone.
854.9 - 857.3	Light brown sandstone.
857.3 - 857.5	Gray shale.
857.5 - 858.2	Brown sandstone.
858.2 - 858.7	Gray sandy shale.
858.7 - 860.4	Brown sandstone.
860.4 - 860.6	Gray shale.
860.6 - 861.5	Light brown shaly sandstone.
861.5 - 862.2	Brown sandstone.
862.2 - 862.4	Gray sandy shale.
862.4 - 863.4	Light brown laminated shaly sandstone.
863.4 - 864.5	Brown sandstone.
864.5 - 864.7	Gray sandy shale.
864.7 - 867.0	Light brown sandstone.
867.0 - 867.9	Brown sandstone.

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Depth Interval,
Feet

Description

867.9 - 868.4

Brown shaly sandstone.

868.4 - 868.6

Gray sandy shale.

868.6 - 869.1

Light brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Allegro Investments, Inc. Lease French Well No. 5

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation		Oil Content Bbbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water			Ft.	Cum. Ft.		
1	827.5	13.3	27	32	279	1.4	1.0	1.0	279	1.40
2	828.5	16.5	27	40	346	6.0	1.1	2.1	381	6.60
3	829.5	14.2	36	31	397	5.8	0.9	3.0	358	4.22
4	830.5	15.1	44	30	515	8.3	1.0	4.0	515	8.30
5	831.5	16.3	35	42	443	2.7	1.0	5.0	443	2.70
6	832.5	16.8	35	38	456	1.7	1.0	6.0	456	1.70
7	833.5	15.2	41	50	484	3.0	1.0	7.0	484	3.00
8	834.5	17.3	41	30	550	1.0	1.1	8.1	605	1.10
9	841.6	19.3	35	34	524	96.	1.0	9.1	524	96.00
10	842.5	20.3	44	33	693	89.	1.0	10.1	693	89.00
11	843.5	19.4	38	34	572	97.	1.0	11.1	572	97.00
12	844.5	19.1	37	36	548	110.	1.0	12.1	548	110.00
13	845.5	19.1	24	48	356	90.	1.0	13.1	356	90.00
14	846.5	19.0	27	52	398	92.	1.0	14.1	398	92.00
15	847.7	17.2	31	39	414	50.	1.2	15.3	496	60.00
16	849.5	18.6	29	42	419	105.	1.0	16.3	419	105.00
17	850.3	16.0	19	49	236	90.	0.5	16.8	118	45.00
18	855.5	18.8	12	46	175	26.	1.0	17.8	175	26.00
19	856.5	19.4	11	45	166	108.	1.4	19.2	232	151.20

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE 117

Company: Allegro Investments, Inc. Lease: French Well No. 5

Depth Interval, Feet	Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity, Ft. x Md.	Average Percent Porosity	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Formed Est. Bbl./A. Ft.
624.0 - 633.0	624.0 - 633.0	8.1	3.6	29.02	15.6	8.1	35.3	36.7	435	3,521
633.0 - 641.4	633.0 - 641.4	11.1	86.6	961.20	18.9	11.1	27.8	41.4	408	4,531
624.0 - 641.4	624.0 - 641.4	19.2	51.6	990.22	17.5	19.2	31.0	39.4	419	8,052