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

August 18, 1978

David R. Victorino
1219 Cadiz
Simi Valley, California 93065

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the John Eastburn Lease, Well No. 1, Anderson County, Kansas, and submitted to our laboratory on August 14, 1978.

These core samples were sampled by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman

Benjamin R. Pearman

BRP:cb
5 c to Simi Valley, California

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GENERAL INFORMATION & SUMMARY

Company David R. Victorino Lease John Eastburn Well No. 1

Location 1150' FEL & 950' FSL SE¼

Section 27 Twp. 21S Rge. 21E County Anderson State Kansas

Name of Sand	Squirrel
Top of Core (Received)	557.5
Bottom of Core (Received)	621.5
Top of Sand (Received)	577.5
Bottom of Sand (Received)	621.5
Total Feet of Permeable Sand	28.0
Total Feet of Floodable Sand	

Distribution of Permeable Sand:

Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 5	8.0	8.0
5 - 10	5.0	13.0
10 - 20	6.0	19.0
20 - 30	5.0	24.0
30 & Above	4.0	28.0

Average Permeability Millidarcys	15.3
Average Percent Porosity	18.9
Average Percent Oil Saturation	28.2
Average Percent Water Saturation	40.4
Average Oil Content, Bbls./A. Ft.	413.
Total Oil Content, Bbls./Acre	11,562.
Average Percent Oil Recovery by Laboratory Flooding Tests	
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.	
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre	
Total Calculated Oil Recovery, Bbls./Acre	
Packer Setting, Feet	
Viscosity, Centipoises @	
A. P. I. Gravity, degrees @ 60 °F	
Elevation, Feet	

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- LOG -

Company David R. Victorino Lease John Eastburn Well No. 1

Depth Interval, Feet	Description of Samples Only
577.5 - 590.5	Grayish light brown shaly sandstone.
590.5 - 591.5	Grayish light brown slightly shaly sandstone.
591.5 - 596.5	Brown laminated shaly sandstone.
599.5 - 603.5	Brown shaly sandstone.
603.5 - 605.5	Brown slightly shaly sandstone.
605.5 - 607.5	Brown shaly sandstone.
607.5 - 608.5	Brown slightly shaly sandstone.
608.5 - 609.5	Brown shaly sandstone.
609.5 - 610.5	Brown slightly shaly sandstone.
610.5 - 611.5	Brown shaly sandstone.
611.5 - 621.5	Brown slightly shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company David R. Victorino Lease John Eastburn Well No. 1

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	591.0	18.0	3	15	18	42	2.1	1.0	1.0	42	2.10
2	592.0	21.5	17	14	31	284	9.3	1.0	2.0	284	9.30
3	593.0	21.3	18	33	51	297	17.	1.0	3.0	297	17.00
4	594.0	20.8	20	33	53	323	7.6	1.0	4.0	323	7.60
5	595.0	19.8	21	29	50	323	3.1	1.0	5.0	323	3.10
6	596.0	20.7	16	32	48	257	0.67	1.0	6.0	257	0.67
7	600.0	18.5	30	48	78	431	7.4	1.0	7.0	431	7.40
8	601.0	17.4	23	53	76	311	0.27	1.0	8.0	311	0.27
9	602.0	17.7	30	51	81	412	5.8	1.0	9.0	412	5.80
10	603.0	19.9	23	46	69	355	3.9	1.0	10.0	355	3.90
11	604.0	20.8	32	38	70	516	11.	1.0	11.0	516	11.00
12	605.0	21.8	29	43	72	491	23.	1.0	12.0	491	23.00
13	606.0	18.0	21	56	77	293	1.9	1.0	13.0	293	1.90
14	607.0	16.9	29	54	83	380	5.0	1.0	14.0	380	5.00
15	608.0	18.4	37	45	82	528	15.	1.0	15.0	528	15.00
16	609.0	17.9	30	45	75	417	3.6	1.0	16.0	417	3.60
17	610.0	18.4	30	42	72	428	14.	1.0	17.0	428	14.00
18	611.0	18.1	33	40	73	463	3.8	1.0	18.0	463	3.80
19	612.0	15.8	25	64	89	306	13.	1.0	19.0	306	13.00
20	613.0	19.4	36	35	71	542	23.	1.0	20.0	542	23.00
21	614.0	19.3	41	32	73	614	20.	1.0	21.0	614	20.00
22	615.0	15.5	16	73	89	193	20.	1.0	22.0	193	20.00
23	616.0	16.9	32	37	69	420	27.	1.0	23.0	420	27.00
24	617.0	14.7	39	44	83	445	19.	1.0	24.0	445	19.00
25	618.0	20.0	40	27	67	621	79.	1.0	25.0	621	79.00
26	619.0	20.7	37	32	69	594	30.	1.0	26.0	594	30.00
27	620.0	20.5	42	31	73	668	31.	1.0	27.0	668	31.00
28	621.0	19.6	40	40	80	608	31.	1.0	28.0	608	31.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company David R. Victorino Lease John Eastburn Well No. 1

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
590.5 - 596.5	6.0	6.6	39.77
599.5 - 611.5	12.0	7.9	94.67
611.5 - 621.5	10.0	29.3	293.00
590.5 - 621.5	28.0	15.3	427.44

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
590.5 - 596.5	6.0	20.4	15.8	26.0	254	1,526
599.5 - 611.5	12.0	18.7	28.9	46.8	419	5,025
611.5 - 621.5	10.0	18.2	34.8	41.5	501	5,011
590.5 - 621.5	28.0	18.9	28.2	40.4	413	11,562