



OILFIELD RESEARCH LABORATORIES

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

May 23, 1979

Brunson-Spines, Inc.
615 4th Financial Center
Wichita, Kansas 67202

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the Born Lease, Well No. 2, Coffey County, Kansas, and submitted to our laboratory on May 17, 1979.

These core samples were 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
Benjamin R. Pearman

SAM:cgb

10 c to Wichita, Kansas

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- LOG -

Company Brunson-Spines, Inc. Lease Born Well No. 2

<u>Depth Interval, Feet</u>	<u>Description</u>
1505.0 - 1509.0	Light brown sandstone.
1509.0 - 1511.0	Light brown slightly shaly sandstone.
1511.0 - 1512.0	Light brown sandstone.
1512.0 - 1515.0	Light brown laminated shaly sandstone.
1515.0 - 1518.0	Light brown sandstone.
1518.0 - 1519.0	Gray laminated shaly sandstone.
1519.0 - 1524.0	Light brown sandstone.
1524.0 - 1525.0	Gray sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company Brunson-Spines, Inc. Lease Born Well No. 2

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	1505.5	17.7	10	79	89	137	12.	1.0	1.0	137	12.00
2	1506.5	23.1	25	45	70	448	58.	1.0	2.0	448	58.00
3	1507.5	19.0	27	68	95	398	147.	1.0	3.0	398	147.00
4	1508.5	23.2	30	47	77	540	253.	1.0	4.0	540	253.00
5	1509.5	18.5	5	87	92	72	4.	1.0	5.0	72	4.70
6	1510.5	18.7	15	68	83	218	3.4	1.0	6.0	218	3.40
7	1511.5	22.9	28	46	74	497	158.	1.0	7.0	497	158.00
8	1512.5	13.1	3	60	63	31	1.1	1.0	8.0	31	1.10
9	1513.5	19.7	23	53	76	352	9.3	1.0	9.0	352	9.30
10	1514.5	13.9	7	81	88	76	0.17	1.0	10.0	76	0.17
11	1515.5	21.4	22	56	78	365	107.	1.0	11.0	365	107.00
12	1516.5	20.1	25	62	87	390	195.	1.0	12.0	390	195.00
13	1517.5	22.0	25	56	81	427	84.	1.0	13.0	427	84.00
14	1518.5	14.5	5	92	95	56	Imp.	1.0	14.0	56	0.00
15	1519.5	21.7	21	59	80	354	39.	1.0	15.0	354	39.00
16	1520.5	20.8	8	79	87	129	22.	1.0	16.0	129	22.00
17	1521.5	21.1	20	64	84	327	18.	1.0	17.0	327	18.00
18	1522.5	23.0	20	58	78	357	108.	1.0	18.0	357	108.00
19	1523.5	21.3	22	60	82	364	87.	1.0	19.0	364	87.00
20	1524.5	21.3	5	90	95	83	39.	1.0	20.0	83	39.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Born	Well No.			
Brunson-Spines, Inc.			2			
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.			
1505.0 - 1515.0	10.0	64.7	646.67			
1515.0 - 1525.0	9.0	77.7	699.00			
1505.0 - 1525.0	19.0	70.8	1345.67			
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
1505.0 - 1515.0	10.0	19.0	17.3	63.4	277	2,769
1515.0 - 1525.0	10.0	20.7	17.3	67.6	285	2,852
1505.0 - 1525.0	20.0	19.9	17.3	65.5	281	5,621