

OILFIELD RESEARCH LABORATORIES

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

February 15, 1979

Bounty Petroleum
9117 Southwest 72nd Avenue
Miami, Florida 33156

Gentlemen:

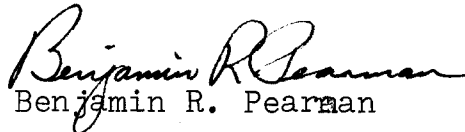
Enclosed herewith are the results of tests run on the rotary core samples taken from the McConnell Lease, Well No. A-2, Montgomery County, Kansas, and submitted to our laboratory on February 13, 1979.

The core was sampled and sealed in plastic bags by a representative of the client. In examining this core, it is assumed that each sample represents one foot of core.

Your business is greatly appreciated.

Very truly yours,

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Benjamin R. Pearman

SAM:km
3 c to Miami, Florida
1 c to Wichita, Kansas
1 c to Independence, Kansas

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GENERAL INFORMATION & SUMMARY

Company Bounty Petroleum Lease McConnell Well No. A-2

Location SE SW SE

Section 17 Twp. 34S Rge. 15E County Montgomery State Kansas

Name of Sand	Bartlesville
Top of Core	1155.5
Bottom of Core	1179.5
Top of Sand	1155.5
Bottom of Sand	1179.5
Total Feet of Permeable Sand	24.0
Total Feet of Floodable Sand	-

Distribution of Permeable Sand:
Permeability Range
Millidarcys

	Feet	Cum. Ft.
0 - 50	11.0	11.0
50 - 100	8.0	19.0
100 - 200	5.0	24.0

Average Permeability Millidarcys	63.5
Average Percent Porosity	17.7
Average Percent Oil Saturation	20.4
Average Percent Water Saturation	54.3
Average Oil Content, Bbls./A. Ft.	280.
Total Oil Content, Bbls./Acre	6,710.
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 Bounty Petroleum Lease McConnell Well No. A-2

<u>Depth Interval, Feet</u>	<u>Description</u>
1155.5 - 1164.5	Light brown and gray sandstone.
1164.5 - 1174.5	Brown sandstone.
1174.5 - 1179.5	Gray sandstone.

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RESULTS OF PERMEABILITY TESTS
TABLE I

Company Bounty Petroleum Lease McConnell Well No. A-2

Vertical

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.
			Ft.	Cum. Ft.	
1	1156.0	9.1			
2	1157.0	1.3			
3	1158.0	3.7			
4	1159.0	14.			
5	1160.0	5.9			
6	1161.0	5.8			
7	1162.0	15.			
8	1163.0	75.			
9	1164.0	28.			
10	1165.0	60.			
11	1166.0	96.			
12	1167.0	97.			
13	1168.0	64.			
14	1169.0	73.			
15	1170.0	31.			
16	1171.0	92.			
17	1172.0	151.			
18	1173.0	63.			
19	1174.0	30.			
20	1175.0	3.0			
21	1176.0	20.			
22	1177.0	76.			
23	1178.0	44.			
24	1179.0	3.9			

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Bounty Petroleum Lease McConnell Well No. A-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.	Chm. Ft.		
1	1156.0	16.8	20	48	68	261	13.	1.0		261	13.00
2	1157.0	17.6	19	47	66	259	10.	1.0		259	10.00
3	1158.0	16.6	22	48	70	283	17.	1.0		283	17.00
4	1159.0	15.5	23	53	76	277	31.	1.0		277	31.00
5	1160.0	17.5	22	51	73	299	23.	1.0		299	23.00
6	1161.0	19.2	18	55	73	268	12.	1.0		268	12.00
7	1162.0	18.1	20	49	69	281	26.	1.0		281	26.00
8	1163.0	17.1	23	47	70	305	89.	1.0		305	89.00
9	1164.0	17.0	26	54	80	343	35.	1.0		343	35.00
10	1165.0	18.6	32	42	74	462	101.	1.0		462	101.00
11	1166.0	17.5	23	51	74	312	130.	1.0		312	130.00
12	1167.0	17.8	24	51	75	331	94.	1.0		331	94.00
13	1168.0	17.4	28	51	79	378	86.	1.0		378	86.00
14	1169.0	17.9	23	52	75	319	84.	1.0		319	84.00
15	1170.0	17.8	26	47	73	359	68.	1.0		359	68.00
16	1171.0	17.9	23	53	76	319	108.	1.0		319	108.00
17	1172.0	18.5	26	45	71	373	169.	1.0		373	169.00
18	1173.0	16.9	20	51	71	262	100.	1.0		262	100.00
19	1174.0	18.3	18	49	67	256	78.	1.0		256	78.00
20	1175.0	16.1	7	71	78	87	13.	1.0		87	13.00
21	1176.0	19.0	21	46	67	310	92.	1.0		310	92.00
22	1177.0	17.6	15	64	79	205	68.	1.0		205	68.00
23	1178.0	17.7	3	90	93	41	38.	1.0		41	38.00
24	1179.0	19.3	8	88	96	120	39.	1.0		120	39.00

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Bounty Petroleum	Lease	McConnell	Well No.	A-2		
	Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.			
	1155.5 - 1164.5	9.0	28.4	256.00			
	1164.5 - 1174.5	10.0	101.8	1018.00			
	1174.5 - 1179.5	5.0	50.0	250.00			
	1155.5 - 1179.5	24.0	63.5	1524.00			
	Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
	1155.5 - 1164.5	9.0	17.3	21.4	50.2	286	2,576
	1164.5 - 1174.5	10.0	17.9	24.3	49.2	337	3,371
	1174.5 - 1179.5	5.0	17.9	10.8	71.8	153	763
	1155.5 - 1179.5	24.0	17.7	20.4	54.3	280	6,710