

API# 15-075-20068-00

11/14/73.

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FORMATION: COUNCIL GROVE
DRLG. FLUID: WATER BASE MUD
ELEVATION: **
LOCATION: SEC 13-26S-39W

DATE: 11-5-73
FILE NO: 3402-7908
ENGR: BOYLE

STANUP GAS UNIT NO. 2

PANOMA FIELD

HAMILTON COUNTY, KANSAS

SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD.		POROSITY PER CENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAX.	90		OIL	WATER		
1	2760.00-61.00	255	<0.1	6.4			2.72	LM VF
2	2761.00-62.00	43	<0.1	5.5			2.74	LM VF
3	2762.00-63.00	<0.1	<0.1	5.8			2.70	LM VF
4	2763.00-64.00	.1	<0.1	5.9			2.74	LM VF
5	2764.00-65.00	<0.1	<0.1	4.9			2.73	LM VF
6	2765.00-66.00	<0.1	<0.1	4.3			2.69	LM VF
7	2766.00-67.00	7.3	4.0	5.3			2.71	LM SHY ANH VF +
8	2767.00-68.00	*	<0.1	3.8			2.72	LM SHY VF
9	2768.00-69.00	*	1.5	6.7			2.78	LM SHY VF
10	2769.00-70.00	*	44	4.7			2.72	LM SHY VF
11	2770.00-71.00	<0.1	<0.1	4.3			2.70	LM
12	2771.00-72.00	<0.1	<0.1	4.3			2.70	LM
13	2772.00-73.00	.3	.3	5.3			2.72	LM SHY
14	2773.00-74.00	1.6	<0.1	3.7			2.69	LM S/SHY +
15	2774.00-75.00	<0.1	<0.1	3.5			2.67	LM S/SHY
16	2775.00-76.00	<0.1	<0.1	4.6			2.67	LM S/SHY VF
17	2776.00-77.00	*	<0.1	8.7			2.75	SLT SHY S/LMY VF
18	2777.00-78.00	76	69	9.8			2.76	SLT SHY S/LMY +
19	2778.00-79.00	10	4.6	8.3			2.74	SLT SHY S/LMY +
20	2779.00-80.00	8.7	4.2	7.8			2.72	SLT SHY S/LMY/ANH +
21	2780.00-81.00	110	16	7.4			2.78	SLT SHY S/LMY ANH +
22	2781.00-82.00	2.0	1.2	6.8			2.75	SLT SHY ANH +
23	2782.00-83.00	.1	<0.1	12.1			2.75	SD SLTY S/ANH
24	2783.00-84.00	.1	.1	12.6			2.72	SD SLTY S/ANH
25	2784.00-85.00	.3	.3	13.9			2.71	SD V/SLTY
26	2785.00-86.00	2.3	1.9	17.7			2.71	SD SLTY VF +
27	2786.00-87.00	2.0	1.9	18.4			2.71	SD SLTY
28	2787.00-88.00	1.9	1.6	17.4			2.72	SD SLTY +
29	2788.00-89.00	1.2	1.1	15.6			2.74	SD SLTY S/ANH
30	2789.00-90.00	.7	.6	15.0			2.74	SD SLTY S/ANH

CORE LABORATORIES, INC.
OKLAHOMA CITY, OKLAHOMA

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AMOCO PRODUCTION COMPANY
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FORMATION: COUNCIL GROVE
FIELD: PANOMA FIELD

DATE: 11-5-73
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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD. MAX.	90	POROSITY PER CENT	FLUID SATS. OIL WATER	GRAIN DEN.	DESCRIPTION
31	2790.00-91.00	*	<0.1	15.2		2.73	SD SLTY S/ANH VF
32	2791.00-92.00	.9	.9	16.1		2.70	SD SLTY S/ANH S/LMY
33	2792.00-93.00	32	.5	9.9		2.68	SLT S/SHY +
34	2793.00-94.00	236	222	13.3		2.75	SLT SHY S/LMY +
35	2794.00-95.00	40	11	10.8		2.74	SLT SHY ANH LMY +
36	2795.00-96.00	.8	.5	6.0		2.70	SLT SHY ANH LMY
37	2796.00-97.00	.3	<0.1	8.5		2.65	SLT SHY LMY S/ANH +
38	2797.00-98.00	77	72	9.6		2.66	SLT SHY S/LMY +
39	2798.00-99.00	116	106	13.3		2.74	SLT SHY S/LMY +
40	2799.00- 0.	12	7.9	11.4		2.77	SLT SHY LMY S/ANH +
41	2800.00- 1.00	69	62	14.1		2.76	SLT SHY S/LMY +
42	2801.00- 2.00	6.4	2.6	6.0		2.76	LM S/SHY SLTY +
43	2802.00- 3.00	<0.1	<0.1	7.0		2.75	LM S/ANH
44	2803.00- 4.00	<0.1	<0.1	6.1		2.71	LM
45	2804.00- 5.00	5.0	3.7	3.3		2.72	LM SHY VF +
2805.00-08.00		LOST CORE					
46	2808.00- 9.00	63	45	8.9		2.75	LM SHY S/ANH +
47	2809.00-10.00	37	29	8.6		2.75	LM SHY +
48	2810.00-11.00	46	41	10.1		2.75	LM V/SHY +
49	2811.00-12.00	.2	.1	2.6		2.70	LM SHY +
50	2812.00-13.00	.3	.1	2.8		2.71	LM S/SHY +
51	2813.00-14.00	18	5.1	5.4		2.74	LM SHY ANH +
52	2814.00-15.00	.1	<0.1	7.6		2.70	LM S/SHY
53	2815.00-16.00	.4	.3	10.1		2.72	LM S/DOL
54	2816.00-17.00	.1	.1	12.2		2.75	LM DOL
55	2817.00-18.00	1.1	.9	16.1		2.74	LM DOL
56	2818.00-19.00	13	2.4	4.9		2.72	LM S/SHY VF +
57	2819.00-20.00	44	38	5.8		2.71	LM SHY +
58	2820.00-21.00	11	<0.1	2.6		2.67	LM S/SHY S/CHT VF
59	2821.00-22.00	2.0	.6	3.7		2.70	LM S/SHY VF +

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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD.		POROSITY PER CENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAX.	90		OIL	WATER		
60	2822.00-23.00	145	121	12.6			2.73	LM V/SHY +
61	2823.00-24.00	102	96	8.5			2.73	LM SHY S/ANH +
62	2824.00-25.00	<0.1	<0.1	2.4			2.65	LM S/SHY CHT
63	2825.00-26.00	<0.1	<0.1	2.3			2.64	L S/SHY CHT
64	2826.00-27.00	3.3	1.6	2.9			2.67	LM S/SHY S/CHT VF +
65	2827.00-28.00	<0.1	<0.1	3.0			2.74	LM S/SHY
66	2828.00-29.00	.8	<0.1	2.8			2.68	LM SHY +
67	2829.00-30.00	<0.1	<0.1	2.4			2.67	LM S/SHY
68	2830.00-31.00	<0.1	<0.1	3.2			2.64	SD LMY S/SHY
69	2831.00-32.00	.1	.1	6.4			2.68	SLT SHY LMY ANH
70	2832.00-33.00	<0.1	<0.1	8.9			2.68	SLT S/SHY S/LMY
71	2833.00-34.00	<0.1	<0.1	8.4			2.67	SLT S/SHY S/LMY
72	2834.00-35.00	*	.3	9.6			2.69	SLT SHY
73	2835.00-36.00	*	<0.1	14.5			2.71	SLT SHY
74	2836.00-37.00	*	<0.1	16.5			2.76	SLT SHY +
75	2837.00-38.00	363	278	14.0			2.74	SLT V/SHY +
76	2838.00-39.00	235	220	9.7			2.73	SLT SHY S/ANH +
77	2839.00-40.00	53	25	8.0			2.75	SLT SHY +
78	2840.00-41.00	.3	.3	11.8			2.63	SD SLTY
79	2841.00-42.00	9.5	8.3	19.3			2.68	SD SLTY VF
80	2842.00-43.00	4.9	4.5	17.5			2.69	SD SLTY S/DOL S/ANH
81	2843.00-44.00	2570	8.7	17.9			2.69	SD SLTY VF
82	2844.00-45.00	*	3.9	18.8			2.69	SD SLTY VF
83	2845.00-46.00	*	.2	12.2			2.68	SD SLTY LMY VF
84	2846.00-47.00	1.7	1.5	9.0			2.67	SD SLTY LMY VF
85	2847.00-48.00	<0.1	<0.1	7.3			2.65	SD LMY
86	2848.00-49.00	<0.1	<0.1	6.2			2.64	SD LMY
87	2849.00-50.00	253	188	10.7			2.70	SLT SHY LMY ANH+
88	2850.00-51.00	13	7.8	4.8			2.66	SLT SHY LMY +
89	2851.00-52.00	7.5	<0.1	5.0			2.66	SLT SHY LMY +
90	2852.00-53.00	298	263	9.9			2.69	SLT SHY LMY +
91	2853.00-54.00	312	189	12.1			2.73	SLT SHY LMY S/ANH +

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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD.		POROSITY PER CENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAX.	90		OIL	WATER		
92	2854.00-55.00	15	15	10.9			2.70	SLT SHY LMY ANH +
93	2855.00-56.00	<0.1	<0.1	2.7			2.68	SD SLTY V/LMY ANH
94	2856.00-57.00	<0.1	<0.1	3.1			2.67	SD SLTY LMY
95	2857.00-58.00	.1	.1	4.4			2.67	SD SLTY
96	2858.00-59.00	7.6	7.1	6.9			2.69	SD SLTY LMY S/ANH +
97	2859.00-60.00	12	11	12.4			2.67	SD SHY LMY DOL ANH +
98	2860.00-61.00	7.3	2.8	11.9			2.67	SD SLTY LMY VF
99	2861.00-62.00	1769	4.9	14.8			2.68	SD SLTY S/LMY VF
100	2862.00-63.00	1.8	1.8	12.8			2.69	SD SLTY DOL
101	2863.00-64.00	.5	.5	11.5			2.69	SD SLTY LMY
2864.00-67.00		LOST CORE						
102	2867.00-68.00	<0.1	<0.1	5.1			2.73	LM S/SHY
103	2868.00-69.00	182	<0.1	5.8			2.67	SD SHY LMY VF
104	2869.00-70.00	<0.1	<0.1	4.0			2.68	SD SHY LMY
105	2870.00-71.00	.1	.1	3.5			2.71	LM SDY
106	2871.00-72.00	<0.1	<0.1	2.8			2.72	LM SDY
107	2872.00-73.00	.2	.1	1.8			2.72	LM VF
108	2873.00-74.00	<0.1	<0.1	2.6			2.69	LM VF
109	2874.00-75.00	9.3	6.1	3.7			2.71	LM S/SHY +
110	2875.00-76.00	.2	<0.1	2.4			2.69	LM VF
111	2876.00-77.00	<0.1	<0.1	3.7			2.68	LM S/SHY
112	2877.00-78.00	1.9	.7	4.4			2.67	LM SDY SHY +
113	2878.00-79.00	<0.1	<0.1	3.2			2.64	SLT S/SHY LMY
114	2879.00-80.00	<0.1	<0.1	3.5			2.65	SLT SHY LMY
115	2880.00-81.00	<0.1	<0.1	3.2			2.66	SLT LMY
116	2881.00-82.00	<0.1	<0.1	3.4			2.66	SLT LMY
117	2882.00-83.00	.6	.4	2.7			2.63	SLT SHY S/LMY +
118	2883.00-84.00	*	<0.1	6.0			2.64	SLT SHY LMY
119	2884.00-85.00	*	<0.1	8.6			2.65	SLT SHY
120	2885.00-86.00	564	519	11.4			2.68	SLT SHY +

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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD. MAX.	90	POROSITY PER CENT	FLUID SATS. OIL WATER	GRAIN DEN.	DESCRIPTION
121	2886.00-87.00	*	<0.1	8.2		2.71	SLT SHY LMY
122	2887.00-88.00	58	35	4.2		2.69	SLT SHY LMY +
123	2888.00-89.00	<0.1	<0.1	2.9		2.66	SLT LMY
124	2889.00-90.00	<0.1	<0.1	3.4		2.66	SLT LMY
125	2890.00-91.00	.2	<0.1	4.6		2.68	SLT SHY LMY
126	2891.00-92.00	50	37	5.8		2.66	SLT SHY LMY +
127	2892.00-93.00	313	306	8.8		2.70	SLT SHY LMY +
128	2893.00-94.00	<0.1	<0.1	.7		2.74	LM S/ANH
129	2894.00-95.00	<0.1	<0.1	1.4		2.71	LM S/ANH VF
130	2895.00-96.00	<0.1	<0.1	2.2		2.69	LM STY
131	2896.00-97.00	<0.1	<0.1	4.6		2.68	LM SHY S/SDY
132	2897.00-98.00	.2	<0.1	3.8		2.67	LM SHY S/SDY VF
133	2898.00-99.00	<0.1	<0.1	4.2		2.66	LM S/SHY VF
134	2899.00- 0.	5.7	1.7	5.5		2.66	SLT LMY S/SHY/ANH +
135	2900.00- 1.00	<0.1	<0.1	5.3		2.64	SLT LMY
136	2901.00- 2.00	<0.1	<0.1	5.2		2.64	SLT LMY
137	2902.00- 3.00	<0.1	<0.1	5.1		2.64	SLT LMY
138	2903.00- 4.00	23	15	6.7		2.65	SLT SHY LMY S/ANH +
139	2904.00- 5.00	<0.1	<0.1	5.8		2.64	SD SLTY LMY S/ANH
140	2905.00- 6.00	.1	<0.1	6.1		2.67	SD SLTY LMY S/ANH
141	2906.00- 7.00	<0.1	<0.1	6.4		2.66	SD SLTY LMY
142	2907.00- 8.00	<0.1	<0.1	5.6		2.65	SD SLTY LMY
143	2908.00- 9.00	<0.1	<0.1	5.9		2.64	SLT SHY S/LMY S/ANH
144	2909.00-10.00	28	21	2.5		2.64	SLT SHY +
145	2910.00-11.00	14	.4	7.2		2.64	SLT LMY S/SHY S/ANH
146	2911.00-12.00	<0.1	<0.1	5.3		2.66	SLT LMY
147	2912.00-13.00	<0.1	<0.1	5.1		2.65	SLT LMY
148	2913.00-14.00	.2	.2	5.1		2.66	SLT S/SHY S/LMY +
149	2914.00-15.00	3.3	2.5	1.8		2.64	SLT SHY LMY +
150	2915.00-16.00	50	44	5.0		2.65	SLT SHY LMY +
151	2916.00-17.00	<0.1	<0.1	1.9		2.68	LM S/SHY
152	2917.00-18.00	1676	<0.1	2.7		2.69	LM VF

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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD.		POROSITY PER CENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAX.	90		OIL	WATER		
153	2918.00-19.00	32	.3	2.7			2.70	LM VF
154	2919.00-20.00	<0.1	<0.1	5.9			2.77	DOL SHY S/SLTY/ANH
155	2920.00-21.00	.1	<0.1	9.2			2.66	SD SLTY LMY
156	2921.00-22.00	.3	.3	15.5			2.74	SD SLTY
157	2922.00-23.00	.1	.1	11.8			2.72	SD SLTY
158	2923.00-24.00	25	16	8.1			2.65	SLT SHY S/LMY +
159	2924.00-25.00	1.8	<0.1	7.3			2.64	SLT LMY +
	2925.00-26.00	LOST CORE						
160	2926.00-27.00	3.6	3.5	16.8			2.70	SD SLTY
161	2927.00-28.00	3.1	3.1	16.4			2.68	SD SLTY
162	2928.00-29.00	1.6	1.6	15.1			2.66	SD SLTY
163	2929.00-30.00	1.2	.9	14.5			2.70	SD SLTY
164	2930.00-31.00	.9	.9	15.5			2.74	SD SLTY
165	2931.00-32.00	.2	.2	11.8			2.67	SD SLTY
166	2932.00-33.00	<0.1	<0.1	8.8			2.67	SLT SHY
167	2933.00-34.00	160	72	11.4			2.70	SLT SHY +
168	2934.00-35.00	290	201	10.1			2.72	SLT SHY LMY S/ANH +
169	2935.00-36.00	<0.1	<0.1	2.7			2.72	LM
170	2936.00-37.00	<0.1	<0.1	2.8			2.68	LM STY
171	2937.00-38.00	2.2	.2	9.6			2.73	SLT SHY LMY S/ANH +
172	2938.00-39.00	102	81	12.5			2.72	SLT SHY S/LMY +
173	2939.00-40.00	262	136	12.6			2.73	SLT SHY S/ANH +
174	2940.00-41.00	303	292	10.2			2.71	SLT +
175	2941.00-42.00	1.4	.9	8.8			2.71	SLT SHY LMY S/ANH +
176	2942.00-43.00	166	154	10.8			2.77	SLT SHY LMY +
177	2943.00-44.00	100	91	12.8			2.78	SLT SHY LMY +
178	2944.00-45.00	<0.1	<0.1	4.2			2.80	LM DOL
179	2945.00-46.00	<0.1	<0.1	5.6			2.78	LM DOL
180	2946.00-47.00	.1	<0.1	6.5			2.73	LM DOL
181	2947.00-48.00	2.0	1.9	3.1			2.83	DOL S/ANH

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SAMPLE NO.	DEPTH INTERVAL FEET	PERMEABILITY - MD.		POROSITY PER CENT	FLUID SATS.		GRAIN DEN.	DESCRIPTION
		MAX.	90		OIL	WATER		
182	2948.00-49.00	3.6	3.6	14.6			2.81	DOL S/ANH
183	2949.00-50.00	2.5	2.2	16.6			2.76	DOL
184	2950.00-51.00	3.7	3.3	17.6			2.76	DOL S/LMY
185	2951.00-52.00	4.2	4.0	17.3			2.76	DOL S/ANH
186	2952.00-53.00	5.6	5.6	14.4			2.83	DOL S/LMY ANH
187	2953.00-54.00	.7	.6	9.6			2.83	DOL ANH
188	2954.00-55.00	1.7	1.6	15.9			2.73	LM S/ANH
189	2955.00-56.00	2.3	2.2	17.7			2.73	LM
190	2956.00-57.00	14	2.9	15.5			2.76	LM DOL ANH VF
191	2957.00-58.00	.3	.3	10.7			2.75	LM DOL
192	2958.00-59.00	<0.1	<0.1	7.1			2.72	LM S/DOL
193	2959.00-60.00	<0.1	<0.1	7.0			2.72	LM S/DOL
194	2960.00-61.00	*	<0.1	11.5			2.72	SLT SHY LMY
195	2961.00-62.00	*	<0.1	13.0			2.75	SLT SHY LMY
196	2962.00-63.00	280	237	9.7			2.70	SLT SHY LMY S/ANH +
197	2963.00-64.00	178	52	7.4			2.69	SLT SHY LMY S/ANH +
198	2964.00-65.00	80	72	5.5			2.66	SLT SHY LMY S/ANH +
199	2965.00-66.00	73	66	6.9			2.64	SLT SHY LMY S/ANH +
200	2966.00-67.00	*	<0.1	10.6			2.73	SLT SHY S/LMY
201	2967.00-68.00	*	<0.1	9.5			2.70	SLT SHY S/LMY
202	2968.00-69.00	*	<0.1	9.6			2.71	SLT SHY S/LMY
203	2969.00-70.00	97	3.5	5.6			2.68	SLT SHY LMY ANH +
204	2970.00-71.00	137	37	6.4			2.68	SLT SHY LMY ANH +
205	2971.00-72.00	164	153	8.0			2.66	SLT SHY LMY +
206	2972.00-73.00	*	<0.1	10.9			2.69	SLT SHY LMY
207	2973.00-74.00	4.0	1.7	8.0			2.68	SLT SHY S/LMY +
208	2974.00-75.00	227	197	8.5			2.68	SLT SHY LMY +
209	2975.00-76.00	142	111	7.3			2.70	SLT SHY LMY +
210	2976.00-77.00	1.2	.2	6.0			2.68	SLT SHY LMY +
211	2977.00-78.00	.4	.3	6.4			2.69	SLT SHY LMY +

* DENOTES PLUG PERMEABILITY

+ DENOTES SOLID SAMPLES EXHIBITING FISSURES OR CRACKS

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

January 25, 1974

Amoco Production Company
Box 432
Liberal, Kansas 67901

Attention: Mr. Tom Bowman

Subject: Electrical Resistivities
Council Grove Field
Haskell County, Kansas
Our File Number: SCAL-73266

Gentlemen:

Presented in this report are the results of electrical resistivity measurements performed on samples from the subject field. The samples used for this study are identified as to well and depth interval on page one and lithologically described on page two.

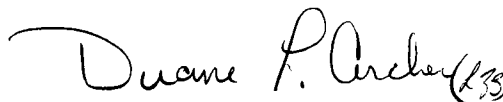
The formation factors and resistivity indices calculated from the electrical resistivity measurements appear normal for the clayey type formation used for this study. Both the formation factors and resistivity indices correlate favorably with their respective parameters.

The plug-size samples received in our laboratory were cleaned and dried. Air permeabilities (corrected for Klinkenberg effect) and porosities were measured. The samples were saturated with a simulated formation brine. Electrical resistivities of the brine and the saturated samples were measured. The samples were then partially desaturated and resistivities measured at various equilibrium saturations.

We appreciate this opportunity to be of service.

Very truly yours,

Core Laboratories, Inc.

A handwritten signature in dark ink, reading "Duane L. Archer" with a stylized flourish at the end.

Duane L. Archer, Manager
Special Core Analysis

DLA:LGB:vs
4 cc. - Addressee

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Petroleum Reservoir Engineering
DALLAS, TEXAS

Page 1 of 5
File SCAL-73266

Company Amoco Production Company
Number of Wells one
Field Council Grove

Formation _____
County Haskell
State Kansas

Identification of Samples

<u>Sample Number</u>	<u>Company</u>	<u>Well</u>	<u>Depth, Feet</u>
1	Amoco Production Company	Finnup Gas Unit No. 2	2841-42- A B
2			2786-87- A
3			2785-86- A
4			2791-92- A
5			2840-41- B
6			2862-63- B
7			2788-89- A
8			2784-85- A
9			2860-61- B
10			2844-45- B

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Page 2 of 5

File SCAL-73266

Lithological Description

<u>Sample Number</u>	<u>Description</u>
1	Sd, gry, v/fn grn, clayey*, mod indurated, frac
2	Sd, red, v/fn grn, v/sl/calc, v/sl/clayey*, mod indurated, w/small crystal pocket
3	Sd, red, v/fn grn, v/sl/clayey*, mod indurated, w/crystal pockets
4	Sd, gry, v/fn grn, clayey*, mod indurated, w/stk of red sd
5	Sd, red, v/fn grn, calc, sl/clayey*, mod indurated, w/small crystal pocket
6	Sd, reddish tan, v/fn grn, v/calc, sl/clayey*, well indurated, w/red sd pockets
7	Sd, red, v/fn grn, v/sl/calc, sl/clayey*, well indurated
8	Sd, red, v/fn grn, calc, clayey*, well indurated, w/crystal pockets
9	Sd, red, v/fn grn, v/calc, v/sl/clayey*, well indurated
10	Sd, reddish tan, v/fn grn, v/calc, sl/clayey*, well indurated, w/red stks

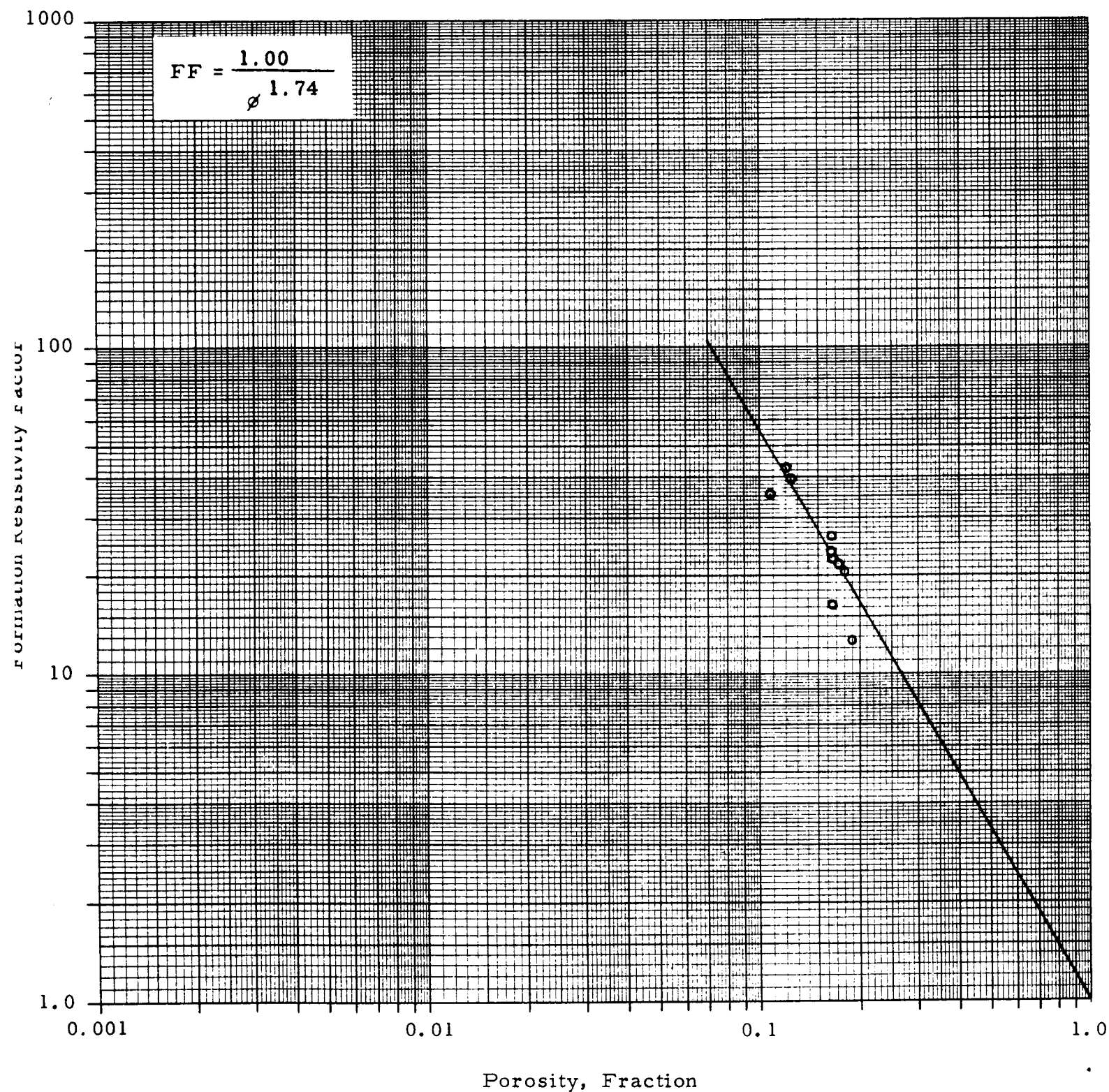
*Swelling clay as indicated by benzidine dye.

Formation Factor and Resistivity Index Data

Resistivity of Saturating Brine, Ohm-Meters: 0.056 @ 75°F.

<u>Sample Number</u>	<u>Porosity, Per Cent</u>	<u>Permeability, Md.</u>	<u>Formation Factor</u>	<u>Brine Saturation, Per Cent Pore Space</u>	<u>Resistivity Index</u>
1	19.0	5.5	12.8	100.0	
				90.2	1.22
				69.3	2.01
				54.5	3.31
2	18.1	1.6	20.5	100.0	
				96.0	1.15
				75.0	1.48
				49.6	3.05
3	17.3	2.5	21.8	100.0	
				81.2	1.40
				56.8	2.20
4	16.8	0.51	22.6	100.0	
				99.1	1.08
				65.1	2.00
5	16.8	0.06	16.2	100.0	
				78.7	1.65
6	16.6	12	26.7	100.0	
				73.4	1.49
				45.9	3.92
				33.6	6.50
				29.3	8.54
7	16.5	0.38	23.8	100.0	
				99.1	1.03
				67.3	2.12
8	12.6	0.06	39.6	100.0	
				89.8	1.21
9	12.1	3.2	42.6	100.0	
				67.5	1.94
				55.0	2.58
				42.4	4.37
10	10.9	0.11	35.2	100.0	
				74.7	1.82

Company Amoco Production Company Formation _____
Well Finnup Gas Unit No. 2 County Haskell
Field Council Grove State Kansas



Company Amoco Production Company Formation _____
Well Finnup Gas Unit No. 2 County Haskell
Field Council Grove State Kansas

