CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PRELIMINARY REPORT

CORE ANALYSIS REPORT

FOR

AMOCO PRODUCTION COMPANY

BREEDING F-1
KINSLER
MORTON, KANSAS

All Chase

34-31-45W
15-129-20511

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

AMOCO PRODUCTION COMPANY
BREEDING F-1
KINSLER
MORTON, KANSAS

DATE : 3-MAR-82
FORMATION : CHASE
DRLG. FLUID: WATER BASE MUD
LOCATION : SEC 34-31S-40W

FILE NO : 3804-6288
ANALYSTS : D.F.
ELEVATION: 3291 GR

FULL DIAMETER ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION	
	2167.0-78.0								NO ANALYSIS--SHALE	
1	2178.0-79.0	0.65	0.60	0.25	7.7	0.0	95.1	2.72	SS, GY VFG DOL SHY	
2	2179.0-80.0	0.31	0.16	0.02	8.7	0.0	87.9	2.75	SS, GY VFG DOL	
3	2180.0-81.0	0.57	0.44	4.85	15.6	0.0	66.4	2.72	SS, GY VFG DOL	
4	2181.0-82.0	0.60	0.56	4.77	14.7	0.0	65.0	2.72	SS, GY VFG DOL	
5	2182.0-83.0	0.63	0.58	4.46	15.1	0.0	57.8	2.71	SS, GY VFG DOL	
6	2183.0-84.0	11.	*	13.	17.4	0.0	61.8	2.71	SS, GY VFG DOL	V&HF
7	2184.0-85.0	0.48	0.35	0.54	16.3	0.0	84.3	2.73	SS, GY VFG DOL	
8	2185.0-86.0	2.47	*	2.39	14.2	0.0	66.3	2.74	SS, GY VFG DOL	
9	2186.0-87.0	2.36	*	0.14	16.1	0.0	41.6	2.73	SS, GY VFG DOL	
10	2187.0-88.0	0.10	0.05	0.33	13.9	0.0	55.0	2.68	SS, GY VFG SL/DOL	
11	2188.0-89.0	9.30	0.70	0.10	15.3	0.0	84.3	2.76	SS, GY VFG V/DOL SL/SHY	HF
12	2189.0-90.0	0.11	*	0.13	10.3	0.0	87.8	2.76	SS, GY VFG V/DOL SL/SHY	
13	2190.0-91.0	19.	*	3.22	9.8	0.0	93.2	2.77	SS, GY VFG V/DOL SLTY	HF
14	2191.0-92.0	0.63	0.59	0.97	5.7	0.0	91.0	2.72	SS, GY VFG DOL	
15	2192.0-93.0	7.56	*	0.05	11.5	0.0	91.2	2.74	SS, GY VFG DOL	
16	2193.0-94.0	0.13	0.09	0.11	7.0	0.0	65.8	2.73	SS, GY VFG DOL	
17	2194.0-95.0	0.60	0.60	3.66	10.5	0.0	91.5	2.73	SS, DKGY VFG DOL	
18	2195.0-96.0	0.62	0.57	0.06	6.1	0.0	81.0	2.72	LS, GY SUC ANHY	HF
19	2196.0-97.0	0.37	0.10	0.04	5.6	0.0	82.8	2.68	LS, GY SUC	
20	2197.0-98.0	0.13	0.13	0.11	2.3	0.0	81.9	2.68	LS, GY SUC	
21	2198.0-99.0	0.06	*	0.04	5.8	0.0	64.1	2.73	LS, GY SUC	
22	2199.0-00.0	0.46	0.38	0.09	2.0	0.0	92.4	2.62	LS, GY SUC V/SHY	
23	2200.0-01.0	0.60	0.60	0.94	4.6	0.0	84.3	2.57	SS, GY VFG SHY SLTY	
24	2201.0-02.0	0.64	0.56	0.37	3.4	0.0	87.8	2.59	SS, GY VFG SHY SLTY	
25	2202.0-03.0	0.78	0.78	0.23	3.1	0.0	89.6	2.58	SS, GY VFG SHY SLTY	
26	2203.0-04.0	0.20	0.12	0.02	2.4	0.0	87.0	2.64	SS, GY VFG	
27	2204.0-05.0	0.19	0.14	0.02	2.1	0.0	77.3	2.61	LS, GY SUC V/SHY	

AMOCO PRODUCTION COMPANY
BREEDING F-1

DATE : 3-MAR-82
FORMATION : CHASE

FILE NO : 3804-6288
ANALYSTS : D.F.

FULL DIAMETER ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION	
8	2205.0-06.0	0.56	0.16	0.17	3.2	0.0	92.1	2.66	LS, GY SUC SHY	HF
29	2206.0-07.0	0.13	*	0.07	8.9	0.0	73.9	2.72	LS, GY SUC	
30	2207.0-08.0	0.13	0.13	0.02	7.7	0.0	47.5	2.71	LS, GY SUC	
31	2208.0-09.0	0.64	*	0.91	11.8	0.0	50.2	2.73	LS, GY SUC	
32	2209.0-10.0	1.07	*	0.52	12.5	0.0	98.5	2.72	LS, GY SUC	HF
33	2210.0-11.0	0.12	0.08	0.28	13.0	0.0	41.9	2.72	LS, GY SUC FOSS	
34	2211.0-12.0	0.17	0.13	1.02	13.4	0.0	46.9	2.72	LS, GY SUC FOSS	
35	2212.0-13.0	0.08	0.08	0.05	10.7	0.0	50.1	2.72	LS, GY SUC FOSS	
36	2213.0-14.0	0.13	0.09	0.11	12.5	0.0	41.9	2.74	LS, GY SUC FOSS	
37	2214.0-15.0	0.11	0.11	0.25	12.4	0.0	40.7	2.74	LS, GY SUC FOSS	
38	2215.0-16.0	0.11	0.11	0.25	10.3	0.0	48.4	2.76	LS, GY SUC	
39	2216.0-17.0	0.10	0.10	0.11	9.1	0.0	51.3	2.73	LS, GY SUC	
40	2217.0-18.0	0.12	0.08	0.42	8.2	0.0	89.2	2.72	LS, GY SUC	
	2218.0-40.0								NO ANALYSIS--SHALE	
41	2240.0-41.0	0.32	0.27	0.51	15.1	0.0	83.5	2.70	SS, RD VFG DOL	
42	2241.0-42.0	0.99	0.94	21.	22.4	0.0	65.8	2.69	SS, RD VFG DOL	
43	2242.0-43.0	0.91	0.85	25.	21.8	0.0	76.2	2.72	SS, RD VFG DOL	
44	2243.0-44.0	0.94	0.88	4.42	20.5	0.0	82.3	2.72	SS, RD VFG DOL	
45	2244.0-45.0	1209.	81.	604.	24.9	0.0	73.6	2.70	SS, RD VFG DOL	V&HF
46	2245.0-46.0	0.99	0.78	37.	21.7	0.0	67.6	2.71	SS, RD VFG DOL	
47	2246.0-47.0	0.81	0.76	13.	20.9	0.0	92.8	2.71	SS, RD VFG DOL	
48	2247.0-48.0	0.78	0.78	63.	24.0	0.0	67.3	2.69	SS, RD VFG DOL	
49	2248.0-49.0	0.85	0.80	25.	23.9	0.0	62.1	2.69	SS, RD VFG DOL	
50	2249.0-50.0	0.84	0.79	23.	20.0	0.0	73.2	2.72	SS, RD VFG DOL	
51	2250.0-51.0	0.78	0.73	3.11	16.8	0.0	79.2	2.74	SS, RD VFG DOL	
52	2251.0-52.0	9.03	*	28.	21.2	0.0	79.6	2.67	SS, GY F-VFG SL/DOL	
53	2252.0-53.0	6.33	*	4.98	19.0	0.0	30.6	2.68	SS, GY F-VFG SL/DOL	
54	2253.0-54.0	11.	*	9.34	19.2	0.0	61.3	2.69	SS, GY F-VFG SL/DOL	
55	2254.0-55.0	2.96	*	1.17	12.6	0.0	51.7	2.70	SS, GY F-VFG LMY	
56	2255.0-56.0	0.20	0.10	0.09	10.8	0.0	87.5	2.73	LS, GY XLN FOSS	

AMOCO PRODUCTION COMPANY
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SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
84	2311.0-12.0	0.56	0.30	0.13	7.3	0.0	71.5	2.73	LS, GY XLN SDY
85	2312.0-13.0	3.24	0.69	0.15	5.5	0.0	78.9	2.69	LS, GY XLN FOSS SHY SLTY HF
86	2313.0-14.0	1.21	0.78	0.09	11.3	0.0	58.8	2.73	LS, GY SUC
87	2314.0-15.0	1.04	0.56	0.31	8.0	0.0	39.6	2.81	LS, GY XLN ANHY FOSS
88	2315.0-16.0	0.88	0.65	0.08	9.6	0.0	51.4	2.80	LS, GY SUC ANHY
89	2316.0-17.0	1.08	0.65	0.04	9.9	0.0	37.7	2.79	LS, GY SUC ANHY
90	2317.0-18.0	1.41	0.77	0.76	9.2	0.0	66.2	2.77	LS, GY SUC ANHY
91	2318.0-19.0	1.15	0.64	<0.01	17.2	0.0	78.7	2.76	LS, GY SUC ANHY FOSS
92	2319.0-20.0	0.96	0.82	0.14	9.5	1.5	88.1	2.74	LS, GY SUC FOSS SLTY
93	2320.0-21.0	0.04	*	0.03	8.1	1.8	84.8	2.74	LS, GY SUC ANHY FOSS SLTY
94	2321.0-22.0	0.04	*	0.04	7.3	0.9	86.6	2.73	LS, GY SUC FOSS SLTY
95	2322.0-23.0	0.99	0.86	0.07	6.3	0.0	84.4	2.74	LS, GY SUC ANHY FOSS SLTY
96	2323.0-24.0	1.18	0.68	0.07	12.1	0.0	18.1	2.75	LS, GY SUC ANHY FOSS SLTY
97	2324.0-25.0	0.56	0.21	0.07	7.5	0.0	88.5	2.74	LS, GY SUC ANHY FOSS SLTY
98	2325.0-26.0	0.43	0.30	0.13	6.6	0.0	51.9	2.71	LS, GY SUC ANHY FOSS SLTY
99	2326.0-27.0	1.06	0.13	0.16	2.5	0.0	69.6	2.61	SLTST, GY CHTY
0	2327.0-28.0	2.48	0.55	0.36	14.2	0.0	74.8	2.72	SLTST, GY LMY
101	2328.0-29.0	0.76	0.38	0.04	7.4	0.0	49.7	2.66	SLTST, GY
102	2329.0-30.0	9.14	6.92	0.13	13.5	0.0	91.3	2.74	SLTST, GY LMY HF
103	2330.0-31.0	0.51	0.38	0.02	8.1	0.0	91.3	2.64	SLTST, RD
104	2331.0-32.0	1.43	0.61	0.17	17.0	0.0	82.7	2.71	SLTST, RD LMY
105	2332.0-33.0	7.73	2.47	14.	20.9	0.0	70.4	2.69	SLTST, RD LMY V&HF
106	2333.0-34.0	3.10	0.57	49.	20.2	0.0	72.1	2.71	SLTST, RD LMY VF
107	2334.0-35.0	0.33	0.09	0.04	13.9	0.0	93.7	2.73	SLTST, RD LMY
108	2335.0-36.0	6.02	3.01	0.60	12.7	0.0	99.4	2.71	SLTST, RD DOL HF
109	2336.0-37.0	0.50	0.17	0.05	7.1	0.0	64.7	2.61	SLTST, RD DOL
110	2337.0-38.0	2.73	1.78	5.38	20.9	0.0	79.8	2.71	SLTST, RD DOL
111	2338.0-39.0	0.35	0.22	0.02	13.7	0.0	84.2	2.75	SLTST, RD DOL
112	2339.0-40.0	0.73	0.52	0.02	13.8	0.0	73.2	2.77	SLTST, RD DOL
113	2340.0-41.0	0.99	0.69	0.48	17.3	0.0	88.5	2.71	SLTST, RD DOL

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SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION	
14	2341.0-42.0	4.96	*	3.57	14.3	0.0	99.3	2.77	SLTST, RD DOL	V&HF
	2342.0-46.0								NO ANALYSIS--SHALE	
115	2346.0-47.0	0.85	0.21	0.02	13.6	0.0	94.4	2.78	SLTST, RD DOL	
116	2347.0-48.0	4.50	0.53	0.10	7.0	0.0	77.2	2.52	SLTST, RD CARB	HF
	2348.0-62.0								NO ANALYSIS--SHALE	
117	2362.0-63.0	0.40	0.35	0.26	10.2	0.0	89.8	2.74	LS, GY FOSS	
118	2363.0-64.0	0.66	0.66	0.55	10.2	0.0	66.5	2.74	LS, GY FOSS	
119	2364.0-65.0	0.54	0.44	0.19	11.1	0.0	78.4	2.73	LS, GY FOSS	
120	2365.0-66.0	0.43	0.38	0.24	10.8	0.0	82.0	2.73	LS, GY FOSS	
121	2366.0-67.0	0.24	0.24	0.10	8.5	0.0	85.5	2.71	LS, GY FOSS	
122	2367.0-68.0	0.33	0.29	0.12	9.5	0.0	75.5	2.74	LS, GY FOSS	
123	2368.0-69.0	0.46	0.41	0.36	11.3	0.0	77.3	2.75	LS, GY FOSS SL/DOL	
124	2369.0-70.0	4.38	0.43	0.02	8.3	0.0	88.5	2.68	LS, GY FOSS SLTY	
	2370.0-72.0								NO ANALYSIS--SHALE	
125	2372.0-73.0	0.82	0.73	0.53	12.1	0.0	57.8	2.74	LS, GY FOSS	
126	2373.0-74.0	0.64	0.50	0.51	13.3	0.0	65.2	2.73	LS, GY FOSS	
7	2374.0-75.0	0.40	0.36	0.04	11.2	0.0	96.4	2.73	LS, GY FOSS	
128	2375.0-76.0	0.62	0.62	0.33	12.4	0.0	78.7	2.72	LS, GY SUC	
129	2376.0-77.0	1.37	1.28	1.34	14.6	0.0	71.1	2.73	LS, GY FOSS	
130	2377.0-78.0	1.17	1.02	2.67	13.6	0.0	68.5	2.75	LS, GY FOSS	
131	2378.0-79.0	1.02	0.87	0.58	12.5	0.0	61.1	2.74	LS, GY FOSS	
132	2379.0-80.0	0.96	0.92	0.69	13.6	0.0	72.5	2.74	LS, GY FOSS	
133	2380.0-81.0	0.42	0.37	0.18	10.3	0.0	61.9	2.71	LS, GY FOSS	
134	2381.0-82.0	1.04	0.61	0.42	10.1	0.0	67.8	2.67	LS, GY FOSS SLTY	
135	2382.0-83.0	1.32	1.18	0.89	12.5	0.0	61.1	2.70	LS, GY FOSS SLTY	
136	2383.0-84.0	0.65	0.50	0.32	7.2	0.0	84.7	2.64	LS, GY FOSS SLTY CARB	
137	2384.0-85.0	0.86	0.86	0.43	7.0	0.0	86.0	2.63	LS, GY FOSS SLTY CARB	
138	2385.0-86.0	0.92	0.88	0.17	12.6	0.0	85.2	2.72	LS, GY SUC	
139	2386.0-87.0	0.04	0.04	0.02	10.7	0.0	81.3	2.72	LS, GY SUC	
140	2387.0-88.0	0.52	0.47	0.34	11.8	0.0	82.4	2.72	LS, GY SUC	

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7	2256.0-57.0	0.25	0.10	0.08	8.7	0.0	75.8	2.73	LS, GY XLN FOSS
58	2257.0-58.0	0.43	0.24	0.02	4.7	0.0	82.3	2.68	LS, GY XLN FOSS SHY
59	2258.0-59.0	1.08	0.65	0.02	6.6	0.0	75.8	2.71	LS, GY XLN FOSS
60	2259.0-60.0	0.68	0.26	0.02	4.6	0.0	80.8	2.71	LS, GY XLN FOSS
61	2260.0-61.0	0.04	*	0.03	7.9	0.0	83.9	2.68	LS, GY XLN FOSS SHY
62	2261.0-62.0	0.15	0.07	0.04	7.4	0.0	78.8	2.69	LS, GY XLN FOSS SHY
63	2262.0-63.0	0.02	0.01	0.02	3.3	0.0	88.1	2.69	LS, GY XLN FOSS SHY
	2263.0-64.0								NO ANALYSIS--SHALE
64	2264.0-65.0	0.01	0.01	0.02	1.9	0.0	81.4	2.67	LS, GY XLN FOSS SHY
65	2265.0-66.0	0.48	0.11	0.02	4.1	0.0	82.7	2.63	LS, GY XLN FOSS V/SHY GYP
66	2266.0-67.0	0.10	0.02	0.02	4.4	0.0	75.5	2.65	LS, GY XLN FOSS V/SHY
67	2267.0-68.0	0.04	0.02	0.04	4.3	0.0	79.8	2.64	LS, GY XLN V/SHY
68	2268.0-69.0	0.44	0.04	0.02	7.9	0.0	91.7	2.66	LS, GY SUC SHY
69	2269.0-70.0	0.02	0.01	0.02	7.9	0.0	87.7	2.70	LS, GY SUC
70	2270.0-71.0	0.04	0.01	0.02	10.1	0.0	76.4	2.75	LS, GY SUC
71	2271.0-72.0	0.04	0.03	0.02	10.3	0.0	28.0	2.75	LS, GY SUC
72	2272.0-73.0	0.09	0.03	0.02	10.0	0.0	25.3	2.73	LS, GY SUC
73	2273.0-74.0	0.02	0.01	0.02	8.7	0.0	38.1	2.73	LS, GY SUC
74	2274.0-75.0	0.02	0.02	0.04	6.6	0.0	41.0	2.70	LS, GY SUC
75	2275.0-76.0	0.04	0.02	0.02	14.6	0.0	63.7	2.76	LS, GY SUC
76	2276.0-77.0	0.02	0.02	0.02	8.7	0.0	62.1	2.65	SS, GY VFG
77	2277.0-78.0	0.07	0.05	5.38	16.9	0.0	43.3	2.70	SS, GY F-VFG DOL
78	2278.0-79.0	0.07	0.06	0.56	16.0	0.0	38.1	2.71	SS, GY F-VFG DOL
79	2279.0-80.0	0.09	0.06	0.96	17.4	0.0	50.2	2.71	SS, RD F-VFG DOL
80	2280.0-81.0	0.07	*	0.24	16.0	0.0	89.7	2.70	SS, RD F-VFG DOL
	2281.0-90.0								NO ANALYSIS--SHALE
81	2290.0-91.0	3.68	3.24	0.04	9.5	0.0	92.3	2.73	SLTST, RD FERR HF
	2291.0-09.0								NO ANALYSIS--SHALE
82	2309.0-10.0	0.37	*	0.05	11.9	0.0	71.4	2.70	SLTST, GY LMY
83	2310.0-11.0	0.61	0.35	0.04	4.0	0.0	66.7	2.66	SS, GY VFG

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SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION	
1	2388.0-89.0	0.70	0.65	0.32	11.8	0.0	79.4	2.72	LS, GY SUC	
142	2389.0-90.0	0.73	0.68	0.58	11.8	0.0	79.6	2.73	LS, GY SUC	
143	2390.0-91.0	1.70	0.50	0.02	11.3	0.0	67.3	2.73	LS, GY SUC	
144	2391.0-92.0	0.17	0.12	0.02	10.6	0.0	73.4	2.72	LS, GY SUC	
145	2392.0-93.0	0.04	0.02	0.02	15.0	0.0	82.6	2.72	LS, GY SUC SLTY	
146	2393.0-94.0	0.05	0.05	0.02	5.9	0.0	97.7	2.73	LS, GY SLTY	
147	2394.0-95.0	0.18	0.05	0.02	4.9	0.0	52.0	2.72	LS, GY SLTY	
148	2395.0-96.0	0.10	0.05	0.02	3.2	0.0	89.8	2.70	LS, GY SLTY	
149	2396.0-97.0	1.16	1.01	0.02	6.2	0.0	83.4	2.75	LS, GY SLTY	HF
150	2397.0-98.0	0.10	*	0.11	7.4	0.0	80.5	2.73	LS, GY SLTY	
151	2398.0-99.0	0.10	*	0.07	7.8	0.0	88.6	2.73	LS, GY SLTY	
152	2399.0-00.0	0.11	*	0.10	5.7	0.0	36.3	2.69	SLTST, GY LMY	
153	2400.0-01.0	0.20	0.15	0.06	3.0	0.0	36.7	2.66	SLTST, GY LMY	
154	2401.0-02.0	0.12	*	0.10	5.8	0.0	37.8	2.72	LS, GY SLTY	
	2402.0-07.0								NO ANALYSIS--SHALE	
155	2407.0-08.0	0.12	*	0.09	7.2	0.0	86.0	2.70	LS, GY SUC SLTY	
6	2408.0-09.0	0.11	0.03	0.12	8.9	0.0	83.7	2.71	LS, GY SUC SLTY	
157	2409.0-10.0	0.12	0.08	0.02	7.4	0.0	90.0	2.71	LS, GY SUC SLTY	
158	2410.0-11.0	0.04	0.03	0.02	2.1	0.0	85.4	2.64	SLTST, GY LMY	
159	2411.0-12.0	0.25	0.19	0.02	10.0	0.0	78.1	2.69	SLTST, GY V/LMY	
160	2412.0-13.0	1.43	1.24	0.33	14.3	0.0	56.7	2.71	SLTST, GY DOL	
161	2413.0-14.0	1.01	0.95	0.42	14.7	0.0	22.5	2.71	SLTST, GY DOL	
162	2414.0-15.0	0.04	*	0.04	12.9	0.0	54.0	2.71	SLTST, GY DOL	
163	2415.0-16.0	0.99	0.93	0.22	14.6	0.0	46.0	2.73	SS, GY VFG-SLT DOL	
164	2416.0-17.0	0.35	0.30	0.04	11.7	0.0	58.9	2.67	SS, GY VFG-SLT DOL	
165	2417.0-18.0	0.31	0.15	0.07	13.0	0.0	70.6	2.70	SS, GY VFG-SLT DOL	
166	2418.0-19.0	0.47	0.28	0.02	11.0	0.0	72.4	2.66	SS, GY VFG-SLT DOL	
167	2419.0-20.0	1.36	0.68	0.41	13.1	0.0	78.7	2.71	SS, GY VFG-SLT DOL	
168	2420.0-21.0	0.10	0.05	0.02	7.5	0.0	83.1	2.63	SS, GY VFG-SLT DOL	
169	2421.0-22.0	0.15	0.13	0.05	9.2	0.0	85.4	2.68	SLTST, GY DOL SHY	

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

AMOCO PRODUCTION COMPANY
BREEDING F-1

DATE : 3-MAR-82
FORMATION : CHASE

FILE NO : 3804-6288
ANALYSTS : D.F.

FULL DIAMETER ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	VERTICAL	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
	2422.0-41.0								NO ANALYSIS--SHALE
170	2441.0-42.0	0.03	0.02	0.02	1.6	0.0	97.5	2.66	SLTST, GY SL/DOL SHY
171	2442.0-43.0	0.08	*	0.11	5.7	0.0	96.8	2.75	SLTST, RD FOSS SL/DOL
172	2443.0-44.0	0.05	0.04	0.08	5.1	0.0	95.2	2.75	LS, GY FOSS SL/DOL
173	2444.0-45.0	0.23	0.14	0.17	6.8	0.0	97.3	2.74	LS, GY FOSS SL/DOL
174	2445.0-46.0	0.14	0.09	0.02	5.5	0.0	94.8	2.77	LS, GY FOSS SL/DOL
175	2446.0-47.0	0.10	0.06	0.02	7.3	0.0	96.7	2.75	LS, GY FOSS SL/DOL
176	2447.0-48.0	0.11	*	0.12	6.0	0.0	99.0	2.72	LS, GY FOSS SLTY
177	2448.0-49.0	0.08	0.06	0.02	4.9	0.0	97.4	2.72	LS, GY FOSS SLTY
178	2449.0-50.0	0.10	0.06	0.02	4.9	0.0	97.7	2.73	LS, GY FOSS SLTY
179	2450.0-51.0	0.06	0.05	0.02	4.2	0.0	80.1	2.70	LS, GY FOSS SLTY
180	2451.0-52.0	0.05	0.02	0.02	3.7	0.0	82.5	2.69	LS, GY FOSS SLTY
181	2452.0-53.0	0.10	*	0.08	5.1	0.0	91.4	2.72	LS, GY FOSS SLTY
182	2453.0-54.0	0.04	0.01	0.02	4.6	0.0	89.5	2.72	LS, GY FOSS SLTY
183	2454.0-55.0	0.10	0.03	<0.01	5.1	0.0	84.7	2.73	LS, GY FOSS SLTY
184	2455.0-56.0	0.12	*	0.11	5.6	0.0	71.9	2.72	LS, GY FOSS SLTY
185	2456.0-57.0	0.12	0.06	0.02	5.7	0.0	74.1	2.76	LS, GY FOSS SL/ANHY
186	2457.0-58.0	0.16	0.06	0.02	5.7	0.0	72.1	2.72	LS, GY FOSS SLTY
187	2458.0-59.0	45.	*	1.21	10.7	0.0	90.6	2.71	LS, GY FOSS SLTY V&HF
188	2459.0-60.0	0.11	*	0.10	9.3	0.0	83.3	2.70	SLTST, BRN LMY
189	2460.0-61.0	0.10	*	0.11	9.3	0.0	84.2	2.70	SLTST, BRN LMY
	2461.0-67.0								NO ANALYSIS--SILTSTONE, SHALE

* SAMPLE NOT SUITABLE FOR FULL DIAMETER ANALYSIS