

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PHILLIPS PETROLEUM CO. DATE : 5-6-79
E. VACUUM GRAYBURG S.A. UNIT # 3229-005 FORMATION : GRAYBURG

FILE NO : 3202-11118
ANALYSTS : NEFF

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	FOR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
92	4257.0-58.0	<0.1	*	6.3	4.3	81.3	2.81	DOL, ANHY, SDY, STY
93	4258.0-59.0	<0.1	<0.1	5.4	17.8	67.4	2.77	DOL, ANHY, SDY, STY
94	4259.0-60.0	<0.1	<0.1	5.2	21.7	42.2	2.78	DOL, ANHY, SDY, STY
95	4260.0-61.0	<0.1	<0.1	5.2	23.8	48.0	2.79	DOL, ANHY, SDY, SL/F, STY
96	4261.0-62.0	<0.1	<0.1	3.8	34.0	53.5	2.86	DOL, ANHY, F, STY
97	4262.0-63.0	300.	0.6	8.8	32.3	16.6	2.85	DOL, ANHY, SL/F, PP, STY
98	4263.0-64.0	9.4	3.9	11.0	22.9	12.7	2.86	DOL, ANHY, PP, STY
99	4264.0-65.0	0.1	*	9.0	29.7	20.8	2.78	DOL, ANHY, F, SDY
100	4265.0-66.0	<0.1	<0.1	4.1	29.0	61.3	2.86	DOL, ANHY, F, STY
101	4266.0-67.0	3.2	<0.1	2.8	15.9	66.4	2.85	DOL, ANHY, SH LAM, SL/F, STY
102	4267.0-68.0	0.3	<0.1	1.8	28.6	50.0	2.86	DOL, ANHY, SH LAM, DNS
103	4270.0-71.0	<0.1	<0.1	1.4	16.1	61.3	2.82	DOL, ANHY, SL/F, STY
104	4271.0-72.0	131.	0.2	3.5	12.1	60.3	2.84	DOL, ANHY, SL/F, SL/V, STY
105	4272.0-73.0	10.4	0.2	4.1	21.2	53.8	2.86	DOL, ANHY, SL/F, STY
106	4273.0-74.0	0.6	0.2	7.0	21.9	29.7	2.75	DOL, ANHY, SDY
107	4274.0-75.0	<0.1	<0.1	9.7	18.9	21.3	2.79	DOL, ANHY, SDY, STY
(CORE NO. 5 4275.0-4335.0 CUT 60' REC 60'								
108	4275.0-76.0	<0.1	<0.1	6.2	6.2	29.2	2.87	DOL, SH LAM, SL/V, SL/F, STY
109	4276.0-77.0	<0.1	<0.1	4.4	6.8	44.1	2.84	DOL, F, STY
110	4277.0-78.0	0.2	0.1	2.6	15.2	51.5	2.85	DOL, SH LAM, V/F, STY
111	4278.0-79.0	0.1	<0.1	2.9	39.3	28.6	2.86	DOL, V/F, STY
112	4279.0-80.0	0.2	0.1	5.5	31.4	37.1	2.83	DOL, V/F, SL/V, STY
113	4280.0-81.0	<0.1	<0.1	5.6	15.1	50.0	2.81	DOL, SL/F, SDY, STY
114	4281.0-82.0	<0.1	<0.1	6.4	10.3	71.8	2.80	DOL, SDY, STY
115	4282.0-83.0	0.2	<0.1	9.6	11.2	22.4	2.79	DOL, SDY, STY
116	4283.0-84.0	4.0	<0.1	10.0	5.7	27.7	2.76	DOL, ANHY, SDY, STY
117	4284.0-85.0	0.2	0.1	8.3	8.3	29.6	2.76	DOL, SDY, SH LAM, STY

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