

PHILLIPS PETROLEUM CO.
E. VACUUM GRAYBURG S.A. UNIT #3229-005

DATE : 5-6-79
FORMATION : GRAYBURG

FILE NO : 3202-11118
ANALYSTS : NEFF

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	FOR. Hg	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
285	4452.0-53.0	0.7	0.5	4.8	15.6	68.7	2.85	DOL, ANHY, V/F
286	4453.0-54.0	0.3	0.2	4.5	5.6	58.3	2.85	DOL, ANHY, V/F, STY
287	4454.0-55.0	0.2	<0.1	5.3	14.3	71.4	2.85	DOL, ANHY, F
288	4455.0-56.0	0.3	0.3	4.1	12.9	81.4	2.89	ANHY, DOL, DNS
289	4459.0-60.0	23.	21.	14.8	11.3	23.3	2.86	DOL, ANHY, SL/F, STY
290	4460.0-61.0	3.3	1.3	9.1	31.4	27.1	2.88	DOL, ANHY, V, FOSS
291	4461.0-62.0	12.	9.2	12.9	27.2	30.4	2.83	DOL, ANHY, FOSS
292	4462.0-63.0	3.8	2.4	9.5	26.5	31.3	2.87	DOL, ANHY, SL/F, V, STY
293	4463.0-64.0	60.	46.	14.3	24.8	29.7	2.86	DOL, ANHY, V, STY
294	4464.0-65.0	37.	29.	14.9	19.3	27.3	2.87	DOL, ANHY, SL/V, COL
295	4465.0-66.0	110.	62.	14.8	26.9	25.4	2.88	DOL, ANHY, SL/V, COL
296	4466.0-67.0	<0.1	<0.1	4.4	16.4	39.5	2.88	DOL, V, ANHY, SL/V
297	4467.0-68.0	7.3	4.1	12.8	34.7	34.7	2.83	DOL, ANHY, SL/V, COL, STY
298	4468.0-69.0	15.	13.	17.3	35.1	28.9	2.88	DOL, ANHY, DOL, PP, STY
299	4469.0-70.0	26.	23.	17.4	31.0	31.0	2.86	DOL, ANHY, F, PP, STY
300	4470.0-71.0	7.7	7.7	10.0	21.5	34.9	2.88	DOL, ANHY, SL/F, SL/V, STY
301	4471.0-72.0	6.7	6.5	12.9	12.2	30.4	2.89	DOL, ANHY, V, SL/F, FOSS, STY
302	4472.0-73.0	3.9	3.0	13.7	25.8	26.6	2.83	DOL, ANHY, SL/V, STY
303	4473.0-74.0	11.	8.9	14.5	26.6	26.5	2.86	DOL, ANHY, SL/V, STY
304	4474.0-75.0	21.	4.2	15.5	26.3	23.4	2.83	DOL, ANHY, V/F, V
305	4475.0-76.0	21.	17.	15.5	19.2	23.8	2.85	DOL, ANHY, V, STY
306	4476.0-77.0	76.	73.	13.9	20.8	35.8	2.89	DOL, ANHY, DOL, PP, STY
307	4477.0-78.0	14.	5.6	9.4	25.0	34.4	2.86	DOL, PP, DOL
308	4478.0-79.0	1.4	0.7	4.6	30.4	30.4	2.88	DOL, DOL, PP
309	4479.0-80.0	5.0	3.3	7.7	24.2	32.6	2.84	DOL, ANHY, SL/F, PP
310	4480.0-81.0	5.5	4.6	7.6	35.1	31.5	2.85	DOL, ANHY, SL/F, PP, STY
311	4481.0-82.0	1.4	*	10.9	31.3	26.3	2.85	DOL, ANHY, SL/V, F
312	4482.0-83.0	6.9	*	18.1	30.2	33.3	2.86	DOL, ANHY, F
313	4483.0-84.0	5.0	*	13.0	25.0	36.4	2.85	DOL, ANHY, F

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