

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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

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FORMATION : GRAYBURG

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ANALYSTS : NEFF

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	FOR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
612	4804.0-05.0	9.2	6.3	10.5	18.0	26.7	2.85	DOL, ANHY, STY, FOSS
613	4805.0-06.0	15.	13.	10.2	16.8	31.3	2.87	DOL, SL/ANHY, FOSS, SL/V, SL/F
614	4806.0-07.0	5.0	4.2	6.9	21.0	27.3	2.88	DOL, ANHY, FOSS, SL/V, STY
615	4807.0-08.0	8.6	7.2	8.0	15.5	35.6	2.87	DOL, SL/ANHY, FOSS, V
616	4808.0-09.0	6.6	5.5	7.9	14.4	31.5	2.86	DOL, ANHY, SL/V, SL/F, FOSS
617	4809.0-10.0	3.5	1.9	8.8	18.6	27.9	2.87	DOL, SL/ANHY, FOSS, SL/V
618	4810.0-11.0	4.8	3.2	8.5	17.4	29.6	2.88	DOL, SL/ANHY, FOSS, SL/V, SL/F
619	4811.0-12.0	0.6	0.5	5.4	15.9	31.7	2.88	DOL, SL/ANHY, FOSS, SL/V
620	4812.0-13.0	4.0	2.3	8.1	14.8	25.0	2.87	DOL, SL/ANHY, FOSS, SL/V
621	4813.0-14.0	10.	0.5	9.1	5.4	30.8	2.85	DOL, SL/ANHY, FOSS, V
622	4814.0-15.0	1.6	0.6	7.3	11.5	29.2	2.87	DOL, SL/ANHY, FOSS, V
623	4815.0-16.0	11.	0.4	6.1	11.6	33.3	2.85	DOL, SL/ANHY, FOSS, SL/F, SL/V
624	4816.0-17.0	12.	19.	7.2	18.5	29.8	2.83	DOL, SL/ANHY, FOSS, SL/V, STY
625	4817.0-18.0	4.9	3.8	6.0	19.8	32.9	2.87	DOL, SL/ANHY, PP
626	4818.0-19.0	7.9	6.2	7.9	15.7	34.6	2.88	DOL, ANHY, PP, STY
627	4819.0-20.0	5.0	3.1	7.3	21.3	30.6	2.86	DOL, SL/ANHY, PP, STY
628	4820.0-21.0	19.	5.2	6.3	14.2	33.1	2.86	DOL, SL/ANHY, PP
629	4821.0-22.0	15.	6.8	9.1	20.6	29.8	2.86	DOL, SL/ANHY, PP, STY
630	4822.0-23.0	16.	5.0	8.3	15.2	30.5	2.86	DOL, SL/ANHY, SHR, STY, PP
631	4823.0-24.0	2.5	2.1	6.0	13.6	32.0	2.87	DOL, SL/ANHY, STY
632	4824.0-25.0	0.8	0.6	4.5	12.5	35.7	2.87	DOL, ANHY, SHR, PP
633	4825.0-26.0	3.0	0.9	2.8	10.6	44.6	2.86	DOL, SL/ANHY, STY, F
634	4826.0-27.0	1.9	1.1	5.3	6.0	45.7	2.84	DOL, SL/ANHY, F, STY, PP
635	4827.0-28.0	2.5	2.4	6.3	13.6	38.8	2.82	DOL, V, V/F
636	4828.0-29.0	10.	10.	10.2	22.0	30.0	2.85	DOL, ANHY, PP
637	4829.0-30.0	13.	13.	9.6	6.7	41.3	2.84	DOL, SL/ANHY, STY, PP
638	4830.0-31.0	11.	11.	8.9	7.3	37.5	2.87	DOL, ANHY, STY, SL/V
639	4831.0-32.0	15.	13.	8.3	17.8	34.9	2.86	DOL, ANHY, STY, SL/F, FOSS, PP
640	4832.0-33.0	14.	13.	9.2	10.3	35.5	2.88	DOL, SL/ANHY, PP
641	4833.0-34.0	22.	21.	11.3	17.1	30.9	2.86	DOL, SL/ANHY, STY, PP

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