CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

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

DATE : 5-6-79
FORMATION : GRAYBURG

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ANALYSTS : NEFF

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	POR. He	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
555	4747.0-48.0	25.	22.	14.3	21.5	38.5	2.87	DOL,SL/ANHY,FOSS,SL/V
556	4748.0-49.0	11.	7.8	7.7	22.3	30.0	2.87	DOL,SL/ANHY,SL/V,STY,FOSS
557	4749.0-50.0	8.1	7.9	9.6	22.3	30.8	2.86	DOL,SL/ANHY,FOSS,SL/F,STY,SL/V
558	4750.0-51.0	64.	60.	15.4	26.5	29.1	2.86	DOL,SL/ANHY,FOSS
559	4751.0-52.0	12.	6.8	9.5	29.8	24.8	2.89	DOL,SL/ANHY,SL/F,SL/V,STY,FOSS
560	4752.0-53.0	12.	6.7	7.6	16.5	32.9	2.89	DOL,SL/ANHY,FOSS,SL/V,SL/F
561	4753.0-54.0	10.	9.9	10.1	20.4	29.6	2.87	DOL,SL/ANHY,SL/F,SL/V,STY
562	4754.0-55.0	21.	16.	11.6	24.2	29.7	2.87	DOL,SL/ANHY,SL/F,SL/V
563	4755.0-56.0	14.	13.	11.6	28.1	26.4	2.86	DOL,SL/ANHY,SL/F
564	4756.0-57.0	13.	11.	10.3	19.7	35.2	2.85	DOL,SL/ANHY,SL/F,SL/V
565	4757.0-58.0	3.1	2.9	8.2	26.3	31.6	2.83	DOL,SL/ANHY,V,SL/F
566	4758.0-59.0	7.6	6.8	9.9	20.5	31.5	2.86	DOL,ANHY,V,F,STY
567	4759.0-60.0	2.9	2.8	9.5	15.3	25.4	2.87	DOL,SL/ANHY,V,SL/F,STY
568	4760.0-61.0	1.5	1.0	4.7	10.1	30.4	2.86	DOL,SL/ANHY,V,STY
569	4761.0-62.0	7.0	22.	9.8	14.6	22.2	2.85	DOL,SL/ANHY,V
570	4762.0-63.0	6.4	5.8	5.1	14.3	24.6	2.85	DOL,SL/ANHY,V,SL/F
571	4763.0-64.0	5.1	5.0	3.0	20.2	22.6	2.86	DOL,SL/ANHY,SL/V
572	4764.0-65.0	7.9	6.7	9.6	16.5	31.5	2.85	DOL,SL/ANHY,STY,SL/V,SL/F
3	4765.0-66.0	4.4	1.9	6.1	19.9	28.4	2.87	DOL,ANHY,V,SL/F,STY
574	4766.0-67.0	3.9	1.0	5.3	3.9	30.8	2.87	DOL,SL/ANHY,F,PP
575	4767.0-68.0	8.1	7.6	9.6	20.0	33.0	2.83	DOL,SL/ANHY,STY,SL/F,SL/V
576	4768.0-69.0	19.	7.4	10.8	19.4	30.9	2.85	DOL,ANHY,STY,SL/F
577	4769.0-70.0	5.0	1.9	7.6	17.3	30.9	2.86	DOL,SL/ANHY,F,SL/V,STY
578	4770.0-71.0	13.	11.	10.4	19.6	31.4	2.87	DOL,ANHY,STY,SL/F,SL/V
579	4771.0-72.0	26.	16.	12.6	22.9	31.2	2.87	DOL,SL/ANHY,SL/F,STY,PP
580	4772.0-73.0	28.	22.	12.2	29.4	25.0	2.86	DOL,SL/ANHY,SL/V,STY,SL/F
581	4773.0-74.0	7.8	4.6	8.7	22.6	25.5	2.85	DOL,SL/ANHY,STY,SL/V
582	4774.0-75.0	7.3	*	10.5	20.2	35.0	2.86	DOL,SL/ANHY,SL/F,STY
583	4775.0-76.0	3.3	*	11.6	25.0	26.4	2.86	DOL,ANHY
584	4776.0-77.0	1.2	*	7.7	25.9	29.6	2.88	DOL,SL/ANHY,STY

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