

Core Laboratory, Inc.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PHILLIPS PETROLEUM CO.
E. VACUUM GRAYBURG S.A. UNIT 3229-C05

DATE : 5-6-79
FORMATION : GRAYBURG

FILE NO : 3202-1111S
ANALYSTS : NEFF

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	FOR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
585	4777.0-78.0	2.5	1.0	7.6	15.6	33.0	2.86	DOL,SL/ANHY,SL/F,PP
586	4778.0-79.0	2.6	1.9	7.7	21.2	29.7	2.86	DOL,SL/ANHY,SL/F,PP
587	4779.0-80.0	1.0	0.8	6.3	23.9	26.9	2.87	DOL,SL/ANHY,STY,SL/F,PP
588	4780.0-81.0	2.5	1.9	9.5	23.3	29.9	2.88	DOL,SL/ANHY,STY,PP
589	4781.0-82.0	1.1	4.2	7.7	23.0	28.6	2.87	DOL,SL/ANHY,STY,SL/F,PP
590	4782.0-83.0	1.8	1.4	6.4	23.7	25.0	2.87	DOL,SL/ANHY,PP,STY
591	4783.0-84.0	5.9	15.	11.0	24.0	23.7	2.87	DOL,SL/ANHY,SL/F,STY,PP
592	4784.0-85.0	4.4	*	7.6	26.7	24.8	2.86	DOL,ANHY,PP,STY

CORE NO. 14 4785.0-4845.0 CUT 60' REC 60'

593	4785.0-86.0	1.3	2.3	7.6	4.8	37.9	2.84	DOL,SL/ANHY,SHR,SL/F,SL/V
594	4786.0-87.0	1.7	1.6	2.3	11.1	55.6	2.84	DOL,SL/ANHY,STY,F
595	4787.0-88.0	2.0	12.	10.6	22.2	27.8	2.86	DOL,SL/ANHY,SL/F,SL/V
596	4788.0-89.0	7.5	7.1	8.3	23.1	29.9	2.85	DOL,SL/ANHY,STY,SL/F
597	4789.0-90.0	17.	11.	8.1	16.3	31.6	2.87	DOL,SL/ANHY,PP,STY
598	4790.0-91.0	28.	23.	11.2	18.9	31.8	2.87	DOL,SL/ANHY,SL/V,SL/F
599	4791.0-92.0	4.5	3.9	5.9	11.5	41.0	2.88	DOL,SL/ANHY,STY,SL/V
600	4792.0-93.0	11.	2.0	6.9	15.4	39.4	2.87	DOL,SL/ANHY,V/F,SL/V
601	4793.0-94.0	4.0	1.7	5.7	15.2	31.9	2.88	DOL,SL/ANHY,PP,STY
602	4794.0-95.0	6.9	5.9	6.3	15.9	33.3	2.88	DOL,SL/ANHY,PP,STY,SL/F
603	4795.0-96.0	6.2	5.6	7.1	20.7	28.6	2.87	DOL,SL/ANHY,PP,STY
604	4796.0-97.0	16.	15.	8.9	14.8	35.1	2.87	DOL,SL/ANHY,SL/V,SL/F,STY
605	4797.0-98.0	21.	16.	9.3	20.9	29.5	2.86	DOL,SL/ANHY,STY,SL/V
606	4798.0-99.0	15.	12.	8.5	22.8	28.6	2.88	DOL,SL/ANHY,STY,SL/V
607	4799.0-00.0	14.	13.	11.7	20.9	30.9	2.86	DOL,ANHY,SL/V
608	4800.0-01.0	3.9	3.3	9.3	12.9	26.7	2.88	DOL,SL/ANHY,V
609	4801.0-02.0	2.7	2.3	8.7	13.9	26.4	2.87	DOL,SL/ANHY,SL/F,V,FOSS
610	4802.0-03.0	3.9	3.6	10.1	9.8	26.1	2.85	DOL,SL/ANHY,FOSS,V
611	4803.0-04.0	19.	17.	13.4	9.9	34.4	2.83	DOL,SL/ANHY,FOSS,V

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