

VANCE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

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 AIR (MD)	MAXIMUM %O DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
526	4720.0-21.0	3.9	*	13.8	26.0	29.2	2.65	DOL,SL/ANHY, DOL,SL/F
539	4721.0-22.0	26.	7.4	15.2	20.7	38.5	2.64	DOL,SL/ANHY, DOL,FOSS,SL/F
535	4722.0-23.0	33.	25.	15.0	17.7	39.4	2.64	DOL,SL/ANHY, FOSS, DOL,SL/F
530	4723.0-24.0	33.	20.	14.9	12.5	51.4	2.63	DOL,SL/ANHY, SHR, DOL,FOSS, STY
531	4724.0-25.0	4.3	*	8.9	16.7	42.6	2.65	DOL,ANHY,DOL,FOSS
CORE NO. 13 4725.0-4785.0 CUT 60' REC 60'								
533	4725.0-26.0	9.2	8.5	14.2	22.2	32.7	2.82	DOL,FOSS,SL/V
534	4726.0-27.0	56.	34.	13.6	15.1	40.1	2.61	DOL,SL/F,SL/V,FOSS
535	4727.0-28.0	57.	36.	12.5	12.8	41.9	2.78	DOL,FOSS,SL/V,SL/F
536	4728.0-29.0	133.	24.	9.5	16.9	60.0	2.65	DOL,VANHY,FOSS,SL/F
537	4729.0-30.0	132.	16.	11.4	19.3	24.1	2.65	DOL,VANHY,FOSS,SL/V
538	4730.0-31.0	13.	5.4	10.5	15.1	23.0	2.81	DOL,SHV,STY,SL/V,FOSS
539	4731.0-32.0	13.	2.4	9.4	12.6	56.2	2.79	DOL,STY,SL/F,SL/V
540	4732.0-33.0	22.	4.2	13.2	15.3	38.0	3.64	DOL,SL/VANHY,SL/F
541	4733.0-34.0	12.	12.	12.4	29.1	30.1	2.61	DOL,SL/F,SL/V
542	4734.0-35.0	34.	29.	14.6	24.5	32.9	2.82	DOL,SL/F,SL/V,FOSS
543	4735.0-36.0	4.8	2.9	11.1	16.0	29.6	2.82	DOL,SL/F,SL/V
544	4736.0-37.0	26.	16.	13.6	22.4	34.1	2.62	DOL,SL/F,SL/V,STY
545	4737.0-38.0	7.6	6.4	9.3	33.3	39.4	2.64	DOL,SL/VANHY,SL/F,SL/V,STY
546	4738.0-39.0	7.4	3.8	8.5	17.6	55.2	2.67	DGL,VANHY,FOSS,SL/V,SL/F,STY
547	4739.0-40.0	29.	28.	10.7	16.6	24.2	2.65	DOL,SL/VANHY,SL/V,SL/F,STY
548	4740.0-41.0	19.	45.	9.0	25.5	54.8	2.83	DOL,SL/VANHY,SL/V,SL/F,STY
549	4741.0-42.0	24.	19.	8.6	19.7	52.5	2.85	DOL,SL/VANHY,SL/F,SL/V,STY
550	4742.0-43.0	26.	22.	8.6	17.4	36.2	2.64	DOL,SL/VANHY,SL/V,SL/F,STY
551	4743.0-44.0	8.6	52.	13.9	14.6	39.8	2.84	DOL,SL/VANHY,SL/V,SL/F,STY,FOSS
552	4744.0-45.0	12.	8.6	8.7	22.3	29.1	2.87	DOL,SL/VANHY,SL/V,SL/F,FOSS,STY
553	4745.0-46.0	4.4	35.	14.2	15.6	41.6	2.64	DOL,SL/VANHY,SL/V,SL/F,FOSS,STY
554	4746.0-47.0	17.	7.0	10.3	24.8	33.8	2.87	DOL,SL/VANHY,SL/V,SL/F,FOSS,STY

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