

FILLIPS PETROLEUM CO.
E. VACUUM GRAYBURG S.A. UNIT 3229-005
E. VACUUM GRAYBURG SAN ANDRES FIELD
DEA COUNTY, NEW MEXICO

DATE : 5-6-79
FORMATION : GRAYBURG
DRILL. FLUID: SALT BASE MUD
LOCATION : 1110' FSL & 1290' FWL, SEC. 32, T-17-S, R-35-E, SUR
FILE NO : 3202-11118
ANALYSTS : NEFF
ELEVATION: 3965' GL

FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
413	4605.0-06.0	2.6	2.0	10.8	17.4	29.9	2.87	DOL,SL/F,STY
414	4606.0-07.0	2.9	2.8	10.3	26.1	27.5	2.87	DOL,SL/F,STY
415	4607.0-08.0	3.6	3.2	9.5	28.6	25.2	2.86	DOL,V/F,STY
416	4608.0-09.0	13.	11.	13.5	30.2	28.5	2.89	DOL,ANNHY,PP,STY
417	4609.0-10.0	4.0	*	17.4	16.1	46.9	2.84	DOL,ANNHY,V/F
418	4610.0-11.0	9.0	8.6	17.4	26.6	33.2	2.87	DOL,ANNHY,PP,STY
419	4611.0-12.0	4.5	4.1	14.9	28.1	32.7	2.86	DOL,ANNHY,V/F,STY
420	4612.0-13.0	6.8	5.6	14.9	17.8	40.6	2.87	DOL,ANNHY,V/F,STY
421	4613.0-14.0	4.9	2.4	11.5	29.7	27.6	2.90	DOL,ANNHY,V/F,PP
422	4614.0-15.0	9.8	7.6	13.5	31.6	28.0	2.89	DOL,ANNHY,SL/F
423	4615.0-16.0	133.	27.	14.5	29.7	26.2	2.87	DOL,ANNHY,V/F,PP
424	4616.0-17.0	1.5	*	13.3	20.1	37.1	2.83	DOL,ANNHY,SH LAM,V/F,SL/V,STY
425	4617.0-18.0	20.	10.	13.9	39.7	40.7	2.84	DOL,V/F,STY
426	4618.0-19.0	7.8	7.2	19.2	33.1	27.2	2.89	DOL,ANNHY,SL/F
427	4619.0-20.0	11.	9.3	17.5	29.1	31.3	2.85	DOL,ANNHY,SL/F
428	4620.0-21.0	27.	24.	17.5	24.5	27.8	2.85	DOL,ANNHY,V/F,STY
429	4621.0-22.0	6.4	8	17.2	33.5	19.0	2.85	DOL,ANNHY,V/F
430	4622.0-23.0	8.4	*	17.0	25.5	27.2	2.84	DOL,ANNHY,V/F
431	4623.0-24.0	3.4	*	16.0	19.5	33.9	2.82	DOL,ANNHY,V/F
432	4624.0-25.0	36.	19.	15.5	27.6	27.6	2.87	DOL,ANNHY,V/F
433	4625.0-26.0	28.	5.1	14.4	16.7	38.4	2.83	DOL,ANNHY,V/F
434	4626.0-27.0	5.6	5.5	15.9	22.9	36.3	2.84	DOL,ANNHY,DOL,FOSS
435	4627.0-28.0	13.	12.	16.2	30.5	25.7	2.87	DOL,PP
436	4628.0-29.0	18.	16.	14.4	29.8	25.1	2.84	DOL
437	4629.0-30.0	18.	17.	12.5	25.9	25.4	2.86	DOL,STY,SL/V
438	4630.0-31.0	32.	26.	13.3	23.3	25.9	2.88	DOL,STY,SL/V
439	4631.0-32.0	4.9	4.5	8.7	33.9	24.5	2.89	DOL,SL/ANNHY,SL/V,F
440	4632.0-33.0	4.3	2.4	6.6	12.3	50.5	2.85	DOL,SL/ANNHY,STY,V/F

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