

Petroleum Reservoir Engineering
DALLAS, TEXAS

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

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FORMATION : GRAYBURG

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FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO MAXIMUM	AIR (MD) 90 DEG	FOR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
118	4285.0-86.0	0.1	<0.1	6.2	10.6	37.6	2.79	DOL,SDY,SL/V,STY
119	4286.0-87.0	<0.1	<0.1	8.9	6.9	36.6	2.76	DOL,SDY,SL/F,STY
120	4287.0-88.0	0.8	<0.1	7.0	10.1	44.9	2.79	DOL,SDY,SL/V,STY
121	4288.0-89.0	<0.1	<0.1	6.6	12.3	38.4	2.83	DOL,SH LAM,STY
122	4289.0-90.0	0.2	0.1	5.4	20.6	36.5	2.86	DOL,SL/F,STY
123	4290.0-91.0	0.2	<0.1	4.9	20.6	44.1	2.86	DOL,SL/F,STY
124	4291.0-92.0	1.3	<0.1	5.0	37.5	52.1	2.87	DOL,V/F,STY
125	4292.0-93.0	0.4	0.2	3.9	25.7	65.7	2.85	DOL,SH LAM,SL/V,SL/F,STY
126	4293.0-94.0	0.3	<0.1	3.5	17.1	66.4	2.82	DOL,SH LAM,STY
127	4294.0-95.0	0.3	<0.1	2.9	14.1	78.1	2.82	DOL,SH LAM,STY
128	4295.0-96.0	0.6	0.2	4.6	9.6	79.8	2.82	DOL,SH LAM,SL/F,STY
129	4296.0-97.0	0.8	0.1	3.9	12.6	76.9	2.81	DOL,ANHY,SL/F,STY
130	4297.0-98.0	0.3	<0.1	3.8	11.0	79.8	2.86	DOL,ANHY,SH LAM,SL/F,STY
131	4298.0-99.0	0.3	<0.1	4.5	27.8	69.0	2.81	DOL,SL/F
132	4299.0-00.0	<0.1	<0.1	6.0	8.8	84.7	2.83	DOL,SL/V,SL/F,STY
133	4300.0-01.0	17.	0.1	3.1	16.7	69.4	2.85	DOL,V/F,STY
134	4301.0-02.0	0.1	<0.1	2.6	14.1	78.1	2.86	DOL,SL/V,SL/F,STY
135	4302.0-03.0	<0.1	<0.1	2.6	14.1	74.2	2.85	DOL,ANHY,STY
136	4303.0-04.0	0.3	<0.1	2.7	28.6	55.6	2.86	DOL,ANHY,SL/F,STY
137	4304.0-05.0	21.	21.	14.1	24.1	23.1	2.84	DOL,ANHY,DOOL,STY
138	4305.0-06.0	24.	19.	12.1	22.6	29.5	2.84	DOL,ANHY,DOOL
139	4306.0-07.0	32.	19.	12.8	24.2	39.6	2.86	DOL,ANHY,DOOL
140	4307.0-08.0	344.	*	15.2	20.9	29.7	2.84	DOL,DOOL
141	4308.0-09.0	107.	*	16.7	33.3	25.1	2.83	DOL,DOOL
142	4309.0-10.0	173.	*	16.9	31.7	34.2	2.82	DOL,DOOL
143	4310.0-11.0	68.	67.	15.5	43.3	20.7	2.88	DOL,DOOL
144	4311.0-12.0	14.	12.	8.8	22.0	16.8	2.89	DOL,DOOL
145	4312.0-13.0	1.3	1.5	6.8	27.3	36.9	2.85	DOL,DOOL
146	4313.0-14.0	0.1	0.1	5.1	25.2	56.1	2.85	DOL,ANHY
147	4314.0-15.0	<0.1	<0.1	6.9	12.6	45.5	2.81	DOL,ANHY

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