

ONE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PHILLIPS PETROLEUM CO.
E. VACUUM GRAVURG S.A. UNIT #3229-005 FORMATION : GRAYBURG

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FULL DIAMETER ANALYSIS

SAMPLE NUMBER	DEPTH	PERM. TO AIR (MD) MAXIMUM	90 DEG	FOR. Hg	FLUID SATS. OIL	WTR	GRAIN DEN	DESCRIPTION
5 (40	4174.8-82.0	<0.1	<0.1	1.5	0.0	92.9	2.86	DOL, SL/ANHY, DNS
5 (41	4182.0-83.0	<0.1	<0.1	2.8	29.3	65.2	2.83	DOL
42	4184.0-85.0	0.2	<0.1	1.9	14.1	70.3	2.86	DOL, ANHY, SL/SHY, DNS
43	4186.0-87.0	0.5	<0.1	3.3	8.7	62.5	2.74	DOL, SL/F
44	4187.0-88.0	<0.1	<0.1	3.3	23.1	49.1	2.75	DOL, SL/SDY
45	4188.0-89.0	0.3	<0.1	4.0	19.1	55.3	2.74	DOL, SL/SDY
46	4189.0-90.0	<0.1	<0.1	4.6	21.3	55.1	2.74	DOL, SL/SDY
47	4190.0-91.0	0.1	<0.1	4.2	27.0	60.1	2.74	DOL, SL/SDY
48	4191.0-92.0	0.2	<0.1	3.8	28.3	60.5	2.75	DOL, SL/SDY
49	4192.0-93.0	<0.1	<0.1	4.6	11.4	77.5	2.74	SD, SL/SDY
50	4193.0-94.0	0.9	<0.1	4.3	21.3	68.9	2.78	DOL, SL/SDY
51	4194.0-95.0	<0.1	<0.1	4.1	17.8	69.1	2.75	DOL, SL/SDY
52	4195.0-96.0	<0.1	<0.1	3.5	23.6	72.1	2.81	DOL, SL/SDY
53	4196.0-97.0	<0.1	<0.1	3.0	31.0	62.1	2.82	DOL, ANHY, SL/SDY
54	4197.0-12.0	0.1	<0.1	1.6	25.2	60.7	2.90	DOL, ANHY, SL/SHY, DNS
55	4213.0-14.0	<0.1	<0.1	1.9	27.8	56.7	2.88	DOL, ANHY
56	4214.0-15.0	0.3	0.1	1.5	17.5	77.7	2.86	DOL, ANHY, SL/F
CORE NO. 4 4215.0-4275.0 CUT 60' REC 60'								
57	4215.0-17.0	0.6	<0.1	1.0	13.3	60.0	2.88	DOL, ANHY, DNS
58	4218.0-19.0	<0.1	<0.1	3.3	10.8	70.3	2.85	DOL, ANHY, SL/F, STY
59	4219.0-20.0	<0.1	<0.1	3.8	16.1	58.1	2.84	DOL, ANHY, STY
60	4220.0-21.0	<0.1	<0.1	3.6	14.0	64.0	2.78	DOL, ANHY, SL/F, STY
61	4221.0-22.0	<0.1	<0.1	3.8	1.5	60.0	2.78	DOL, ANHY, STY, STY
62	4222.0-23.0	<0.1	<0.1	4.1	16.4	59.7	2.78	DOL, ANHY, STY, STY

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