

## Line Log

Line Name: VMOL08-034-004  
 Start time: 12/03/2008 18:45:59

Client: Santos (2D Project SEBOA)  
 Contract: 6374

Shotpoint	Log Time	Message
1562	12/03/2008 18:45:58	: Start of line VMOL08-034-004 shot 1562
	12/03/2008 18:46:00	: Volume source 1 3040 cu in (ideal volume 3040) 100.0%
	12/03/2008 18:46:00	: SOL String pressures 1:2105.0 PSI 2:2054.0 PSI 3:2047.0 PSI
	12/03/2008 18:46:00	: First good shot 1562. Line 'VMOL08-034-004' time 3-12-2008 18:45:59.772819
	12/03/2008 18:46:00	: Atmospheric pressure transducer - 1016 mB
1561	12/03/2008 18:46:10	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1531	12/03/2008 18:50:57	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1505	12/03/2008 18:55:02	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1475	12/03/2008 18:59:45	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1430	12/03/2008 19:06:51	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1391	12/03/2008 19:12:54	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1321	12/03/2008 19:23:46	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1294	12/03/2008 19:27:58	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1266	12/03/2008 19:32:16	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1240	12/03/2008 19:36:17	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1185	12/03/2008 19:44:50	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1096	12/03/2008 19:58:46	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1070	12/03/2008 20:02:52	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1037	12/03/2008 20:08:00	: Sensor amplitude change error String_1: Cluster_5-Gun 8
1005	12/03/2008 20:13:00	: Sensor amplitude change error String_1: Cluster_5-Gun 8
970	12/03/2008 20:18:29	: Gun String_1:Cluster_6:Gun 9 (40 cu in) suspect autofire (sensor) 1.60s into shot
969	12/03/2008 20:18:37	: Volume source 1 changed from 3040 to 2000 cu in (ideal volume 3040) 65.8%
	12/03/2008 20:18:37	: Pressure Errors: String_1 PT 1 1252.0PSI
	12/03/2008 20:18:38	: String_1 Cluster_1 Gun 1 (250 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_1 Gun 1 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_1 Gun 2 (250 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_1 Gun 2 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_2 Gun 3 (150 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_2 Gun 3 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_3 Gun 5 (100 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_3 Gun 5 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_3 Gun 6 (100 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_3 Gun 6 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_4 Gun 7 (150 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_4 Gun 7 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: String_1 Cluster_6 Gun 9 ( 40 cu in) failed to detect fire.
	12/03/2008 20:18:38	: String_1 Cluster_6 Gun 9 Solenoid volts and current look OK.
	12/03/2008 20:18:38	: Sensor amplitude change error String_1: Cluster_5-Gun 8
	12/03/2008 20:18:38	: Sensor amplitude change errors String_2: Cluster_3-Gun 5, Cluster_4-Gun 6, Cluster_5-Gun 7, Cluster_6-Gun 8
	12/03/2008 20:18:38	: Multiple (6) Sensor Amplitude change errors String_3 - possible pressure change

## Line Log: VMOL08-034-004 (continued)

Shotpoint	Log Time	Message
	12/03/2008 20:18:38	: Operator Command SHOT DISABLE
	12/03/2008 20:19:40	: Operator command, All GUNs Disable
		Total shotpoints on line = 594. Shotpoints with errors of any type 1 (0.2%) Shotpoints with gun errors (not depth, pressure or autofire errors) 1 (0.2%)
		Shotpoints with misfires 1 (0.2%)
		Shotpoints with solenoid controller errors 1 (0.2%)
		Shotpoints with gun pressure errors 1 (0.2%)