

## Line Log

Line Name: OEP04-03-01-039

Start Of Line: 25/11/2004 08:42:39

Shotpoint	Log Time	Message
1001	25/11/2004 08:42:44	LINE START - OEP04-03-01-039 shot 1001 time 11-25-2004 8:42:39.794819
1002	25/11/2004 08:42:45	SOL String pressures 1:1721.0 PSI 2:1669.8 PSI 3:1569.2 PSI
	25/11/2004 08:42:45	Volume source 1 3040 cu in (ideal volume 3040)
	25/11/2004 08:42:45	Pressure Errors: String_1 PT_1 1721.0PSI, String_2 PT_1 1669.8PSI, String_3 PT_1 1569.2PSI
	25/11/2004 08:42:45	stats - updateShotpoint: Duplicate shotpoint or stats slow, one shotpoint dropped
	25/11/2004 08:42:45	stats - fireSQL: ... ERROR: Cannot insert a duplicate key into unique index shotpoint_key
	25/11/2004 08:42:45	stats - fireSQL: insert into shotpoint (number, line_id, stime)values(1002, 8478, '11-25-2004 8:42:44.471806')
1003	25/11/2004 08:42:49	Sensor amplitude change error String_2: Gun - Cluster_2-Gun_4
	25/11/2004 08:42:50	Pressure Errors: String_1 PT_1 1698.8PSI, String_2 PT_1 1641.0PSI, String_3 PT_1 1558.7PSI
1004	25/11/2004 08:42:54	Pressure Errors: String_1 PT_1 1686.7PSI, String_2 PT_1 1628.2PSI, String_3 PT_1 1543.5PSI
1005	25/11/2004 08:42:59	Pressure Errors: String_1 PT_1 1689.5PSI, String_2 PT_1 1633.2PSI, String_3 PT_1 1531.3PSI
1006	25/11/2004 08:43:03	Pressure Errors: String_1 PT_1 1691.2PSI, String_2 PT_1 1638.2PSI, String_3 PT_1 1539.7PSI
1007	25/11/2004 08:43:08	Pressure Errors: String_1 PT_1 1670.0PSI, String_2 PT_1 1614.7PSI, String_3 PT_1 1513.7PSI
1008	25/11/2004 08:43:13	Pressure Errors: String_1 PT_1 1658.3PSI, String_2 PT_1 1603.2PSI, String_3 PT_1 1500.3PSI
1009	25/11/2004 08:43:18	Pressure Errors: String_1 PT_1 1660.7PSI, String_2 PT_1 1606.5PSI, String_3 PT_1 1508.0PSI
1010	25/11/2004 08:43:23	Pressure Errors: String_1 PT_1 1653.3PSI, String_2 PT_1 1600.7PSI, String_3 PT_1 1501.5PSI
1011	25/11/2004 08:43:27	Pressure Errors: String_1 PT_1 1642.7PSI, String_2 PT_1 1588.7PSI, String_3 PT_1 1488.8PSI
1012	25/11/2004 08:43:32	Pressure Errors: String_1 PT_1 1632.3PSI, String_2 PT_1 1576.7PSI, String_3 PT_1 1478.0PSI
1013	25/11/2004 08:43:37	Pressure Errors: String_1 PT_1 1636.0PSI, String_2 PT_1 1584.2PSI, String_3 PT_1 1488.3PSI
1014	25/11/2004 08:43:41	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:43:41	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:43:41	Volume source 1 changed from 3040 to 2900 cu in (ideal volume 3040) 95.4%
	25/11/2004 08:43:42	Pressure Errors: String_1 PT_1 1618.2PSI, String_2 PT_1 1563.5PSI, String_3 PT_1 1463.7PSI
1015	25/11/2004 08:43:46	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:43:46	Volume source 1 changed from 2900 to 2940 cu in (ideal volume 3040) 96.7%
	25/11/2004 08:43:46	Pressure Errors: String_1 PT_1 1607.8PSI, String_2 PT_1 1552.5PSI, String_3 PT_1 1451.0PSI

## Line Log: OEP04-03-01-039 (continued)

Shotpoint	Log Time	Message
1016	25/11/2004 08:43:51	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:43:51	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:43:51	Volume source 1 changed from 2940 to 2900 cu in (ideal volume 3040) 95.4%
	25/11/2004 08:43:51	Pressure Errors: String_1 PT_1 1610.3PSI, String_2 PT_1 1557.0PSI, String_3 PT_1 1458.7PSI
1017	25/11/2004 08:43:55	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:43:55	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:43:56	Pressure Errors: String_1 PT_1 1615.0PSI, String_2 PT_1 1565.5PSI, String_3 PT_1 1470.8PSI
1018	25/11/2004 08:44:00	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:00	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:01	Pressure Errors: String_1 PT_1 1599.7PSI, String_2 PT_1 1547.5PSI, String_3 PT_1 1447.8PSI
1019	25/11/2004 08:44:05	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:05	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:06	Pressure Errors: String_1 PT_1 1590.8PSI, String_2 PT_1 1538.5PSI, String_3 PT_1 1436.7PSI
1020	25/11/2004 08:44:09	Sensor amplitude change error String_1: Gun - Cluster_2-Gun_4
	25/11/2004 08:44:09	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:09	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:10	Pressure Errors: String_1 PT_1 1595.2PSI, String_2 PT_1 1543.3PSI, String_3 PT_1 1447.2PSI
1021	25/11/2004 08:44:14	Sensor amplitude change error String_2: Gun - Cluster_6-Gun_8
	25/11/2004 08:44:14	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:14	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:15	Pressure Errors: String_1 PT_1 1578.3PSI, String_2 PT_1 1524.3PSI, String_3 PT_1 1425.8PSI
1022	25/11/2004 08:44:19	Sensor amplitude change error String_2: Guns - Cluster_2-Gun_3, Cluster_3-Gun_5
	25/11/2004 08:44:19	Sensor amplitude change error String_1: Gun - Cluster_4-Gun_7
	25/11/2004 08:44:19	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:19	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:20	Pressure Errors: String_1 PT_1 1569.3PSI, String_2 PT_1 1515.5PSI, String_3 PT_1 1415.0PSI
1023	25/11/2004 08:44:24	Sensor amplitude change error String_1: Gun - Cluster_6-Gun_9
	25/11/2004 08:44:24	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:24	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:24	Pressure Errors: String_1 PT_1 1574.0PSI, String_2 PT_1 1521.5PSI, String_3 PT_1 1425.3PSI
1024	25/11/2004 08:44:28	Sensor amplitude change error String_2: Gun - Cluster_5-Gun_7
	25/11/2004 08:44:28	Sensor amplitude change error String_1: Gun - Cluster_5-Gun_8
	25/11/2004 08:44:28	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:28	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:29	Pressure Errors: String_1 PT_1 1570.0PSI, String_2 PT_1 1519.8PSI, String_3 PT_1 1437.0PSI
1025	25/11/2004 08:44:33	Sensor amplitude change error String_1: Gun - Cluster_3-Gun_5

## Line Log: OEP04-03-01-039 (continued)

Shotpoint	Log Time	Message
	25/11/2004 08:44:33	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:33	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:33	String_3 Cluster_1 Gun_1 (250 cu in) fired 1.4 mS late.
	25/11/2004 08:44:34	Pressure Errors: String_1 PT_1 1562.3PSI, String_2 PT_1 1510.7PSI, String_3 PT_1 1416.7PSI
1026	25/11/2004 08:44:38	Sensor amplitude change error String_1: Gun - Cluster_2-Gun_3
	25/11/2004 08:44:38	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:38	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:38	Pressure Errors: String_1 PT_1 1555.0PSI, String_2 PT_1 1500.3PSI, String_3 PT_1 1403.3PSI
1027	25/11/2004 08:44:42	Sensor amplitude change error String_2: Gun - Cluster_4-Gun_6
	25/11/2004 08:44:42	Sensor amplitude change error String_1: Gun - Cluster_1-Gun_1
	25/11/2004 08:44:42	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:42	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:43	Pressure Errors: String_1 PT_1 1560.7PSI, String_2 PT_1 1509.5PSI, String_3 PT_1 1415.2PSI
1028	25/11/2004 08:44:47	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:47	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:49	Pressure Errors: String_1 PT_1 1546.2PSI, String_2 PT_1 1493.3PSI, String_3 PT_1 1395.0PSI
1029	25/11/2004 08:44:52	Sensor amplitude change error String_2: Gun - Cluster_2-Gun_4
	25/11/2004 08:44:52	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:52	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:52	Pressure Errors: String_1 PT_1 1539.0PSI, String_2 PT_1 1486.0PSI, String_3 PT_1 1386.2PSI
1030	25/11/2004 08:44:57	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:44:57	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:44:57	Pressure Errors: String_1 PT_1 1544.5PSI, String_2 PT_1 1492.5PSI, String_3 PT_1 1396.2PSI
1031	25/11/2004 08:45:01	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:01	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:02	Pressure Errors: String_1 PT_1 1538.5PSI, String_2 PT_1 1490.7PSI, String_3 PT_1 1394.7PSI
1032	25/11/2004 08:45:06	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:06	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:06	Pressure Errors: String_1 PT_1 1531.2PSI, String_2 PT_1 1482.5PSI, String_3 PT_1 1385.0PSI
1033	25/11/2004 08:45:11	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:11	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:11	Pressure Errors: String_1 PT_1 1527.5PSI, String_2 PT_1 1474.7PSI, String_3 PT_1 1377.7PSI
1034	25/11/2004 08:45:15	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:15	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:16	Pressure Errors: String_1 PT_1 1532.8PSI, String_2 PT_1 1485.2PSI, String_3 PT_1 1391.3PSI

## Line Log: OEP04-03-01-039 (continued)

Shotpoint	Log Time	Message
1035	25/11/2004 08:45:18	Operator command, GUN String_3 Cluster_3 Gun_6 Disable
	25/11/2004 08:45:20	Operator command, GUN String_3 Cluster_3 Gun_6 Enable
	25/11/2004 08:45:20	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:20	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:21	Pressure Errors: String_1 PT_1 1519.0PSI, String_2 PT_1 1470.2PSI, String_3 PT_1 1373.0PSI
1036	25/11/2004 08:45:25	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:25	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:25	Pressure Errors: String_1 PT_1 1512.7PSI, String_2 PT_1 1463.7PSI, String_3 PT_1 1370.3PSI
1037	25/11/2004 08:45:29	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:29	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:30	Pressure Errors: String_1 PT_1 1517.3PSI, String_2 PT_1 1470.7PSI, String_3 PT_1 1383.0PSI
1038	25/11/2004 08:45:34	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:34	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:35	Pressure Errors: String_1 PT_1 1505.3PSI, String_2 PT_1 1455.8PSI, String_3 PT_1 1366.5PSI
1039	25/11/2004 08:45:39	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:39	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:39	Pressure Errors: String_1 PT_1 1499.3PSI, String_2 PT_1 1450.2PSI, String_3 PT_1 1352.0PSI
1040	25/11/2004 08:45:44	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:44	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:44	Pressure Errors: String_1 PT_1 1505.3PSI, String_2 PT_1 1457.0PSI, String_3 PT_1 1359.7PSI
1041	25/11/2004 08:45:48	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:48	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:49	Pressure Errors: String_1 PT_1 1504.0PSI, String_2 PT_1 1457.8PSI, String_3 PT_1 1357.3PSI
1042	25/11/2004 08:45:53	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:53	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:54	Pressure Errors: String_1 PT_1 1497.0PSI, String_2 PT_1 1449.8PSI, String_3 PT_1 1347.7PSI
1043	25/11/2004 08:45:58	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:45:58	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:45:58	Pressure Errors: String_1 PT_1 1489.8PSI, String_2 PT_1 1442.7PSI, String_3 PT_1 1341.2PSI
1044	25/11/2004 08:46:03	String_3 Cluster_6 Gun_9 ( 40 cu in) failed to detect fire.
	25/11/2004 08:46:03	String_3 Cluster_3 Gun_6 (100 cu in) failed to detect fire.
	25/11/2004 08:46:04	Operator command, All GUNs Disable
	25/11/2004 08:46:04	Pressure Errors: String_1 PT_1 1494.5PSI, String_2 PT_1 1449.3PSI, String_3 PT_1 1351.5PSI
1045	25/11/2004 08:46:08	Volume source 1 changed from 2900 to 0 cu in (ideal volume 3040) 0.0%
1049	25/11/2004 08:46:39	END OF LINE OEP04-03-01-039 shot 1049 time 11-25-2004 8:46:28.245806

Line Log: OEP04-03-01-039 (continued)

Shotpoint	Log Time	Message
	25/11/2004 08:46:39	EOL String pressures 1:1664.2 PSI 2:1623.7 PSI 3:1606.2 PSI
		Totalshots on line = 48 Shots with one or more errors 902 (1879.2%)
		Shots with missfires 60 (125.0%)
		Shots with bad timing 1 (2.1%)
		Shots with gun pressure errors 902 (1879.2%)