

FLOWPETROL S.A.		BHP JOB	
LO16-22 OFFICIAL NUMBER	LO16-22 SAVIA PERU NUMBER	LOBITOS - OFFSHORE AREA	
LO16-22 WELL FLUID LEVEL, 7380' WATER LEVEL, 7430' BK-1, 7529' MEMORY, 7537' STD VALVE, 7542' 5542' MOGOLL 5620' 7316' B.S. 7544' TD : 8002'	BLT GAS LIFT CURRENT INSTALLATION TYPE	FLOWING & STATIC GRADIENT BHP TEST	
	REMARKS:		
	Oil Production: 15 BOPD X 11 BWPD Cycle: 30' X 6' BK1 - Depth: 7529' Std. Valve Depth: 7542' <u>February 08th, 2011</u> 7:30 Arrived on location, LO16 platform 7:45 Safety meeting with all crew involved. 8:00 Move slickline unit to LO16 platform. 8:30 RIG Up BOP & Lubricator over LO16-22 well. 09:30 RIH 1 1/2" dead weight up to 7542' Standing Valve depth. 9:39 Activate memory gauges 2760 w/ battery PPS 8060C 10:05 RIH memory gauges with steps to find flowing fluid level. 0' - 7100' - 7200' - 7280' - 7330' - 7380' - 7430' - 7455' - 7480' - 7505' - 7537' 10:37 Hang up Memory Gauges at 7537', Record 2hr at flowing condition. Production total: 2.16 bls in 2hs. (4cycles of 30 x 6' aprox 0.5 Bls/ cycle) THP (2 3/8" tbg) = 25 psia - 60 psia. THP (1 1/4" tbg) = 480 psia - 880 psia. 12:37 Cut off Gas Lift Injection and production valve, continue logging for 3 hrs. THP (2 3/8" tbg) = 60 psia. THP (1 1/4" tbg) = 420 psia. 15:30 POOH Memory Gauges with steps as follow: 7537' - 7480' - 7430' - 7380' - 7330' - 7280' - 7230' - 7130' - 7030' - 6930' - 6830' - 6700' - 6500' - 6300' - 6000' - 0'. 16:20 Memory gauges on Surface. 16:26 Desactivate Memory. 17:00 RIG Down.		
	MEMORY GAUGES PROGRAMM 1.- 30 SEG/SAMPLES 6.5 HRS 780 SAMPLES MAX. CAPACITY: 500000 SAMPLES		
LECC			

SUMMARY OF BHP RESULTS : LO16-22

Date of Test	February 08th, 2011
Formation	Basal Salina < 7544' - 7316' > Mogollon < 5620' - 5542 >
Gauges Serial Number	2760
Gauges Depth	7537 MD ft 7079 VD ft

Memory Gauges @ 7537', Record at flowing Condition for 2 hr

THP	25 - 60 psia
THP	480 - 880 psia
Pwf min	125 psia
Temperature min:	114 ° F
Pwf max	141 psia
Temperature max:	114 ° F
Oil production:	15 BOPD
Water production:	11 BWPD
Cycle injection:	30' X 6'
Production during the test:	2 Bls
Production per cycle:	0,5 Bls/Cycle
Oil level:	7380
Oil Gradient:	0,298
Water level:	7430
Water Gradient:	0,424
Flowing Gradient:	0,020 psi/ft

Cut off Gas lift injection and Production valve, log for 3 hr

THP	60 psia
THP	420 psia
P St initial	140 psia
Temperature:	116 ° F
P St final	140 psia
Temperature:	116 ° F
Oil level:	7430 ft
Oil Gradient:	0,364 psi/ft
Static Gradient:	0,020 psi/ft

Fluid Level at Static Condition While POOH MG's
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MD (ft)	TVD (ft)	PRESSURE (psi)	GRADIENT (psi/ft)
0	0	72	-
6000	5663	87	0,0026
6300	5938	88	0,0036
6500	6123	88	0,0000
6700	6308	89	0,0054
6830	6427	89	0,0000
6930	6519	89	0,0000
7030	6610	89	0,0000
7130	6702	90	0,0109
7230	6795	90	0,0000
7280	6841	90	0,0000
7330	6887	90	0,0000
7380	6934	91	0,0213
7430	6980	104	0,2826
7480	7026	121	0,3696
7537	7079	140	0,3585

Fluid Level & Gradients

FLUID TYPE	MD (ft)	TVD (ft)	GRADIENT (psi/ft)
GAS	0	0	0,0026
OIL	7430	6980	0,3636
GAUGES	7537	7079	0,0198

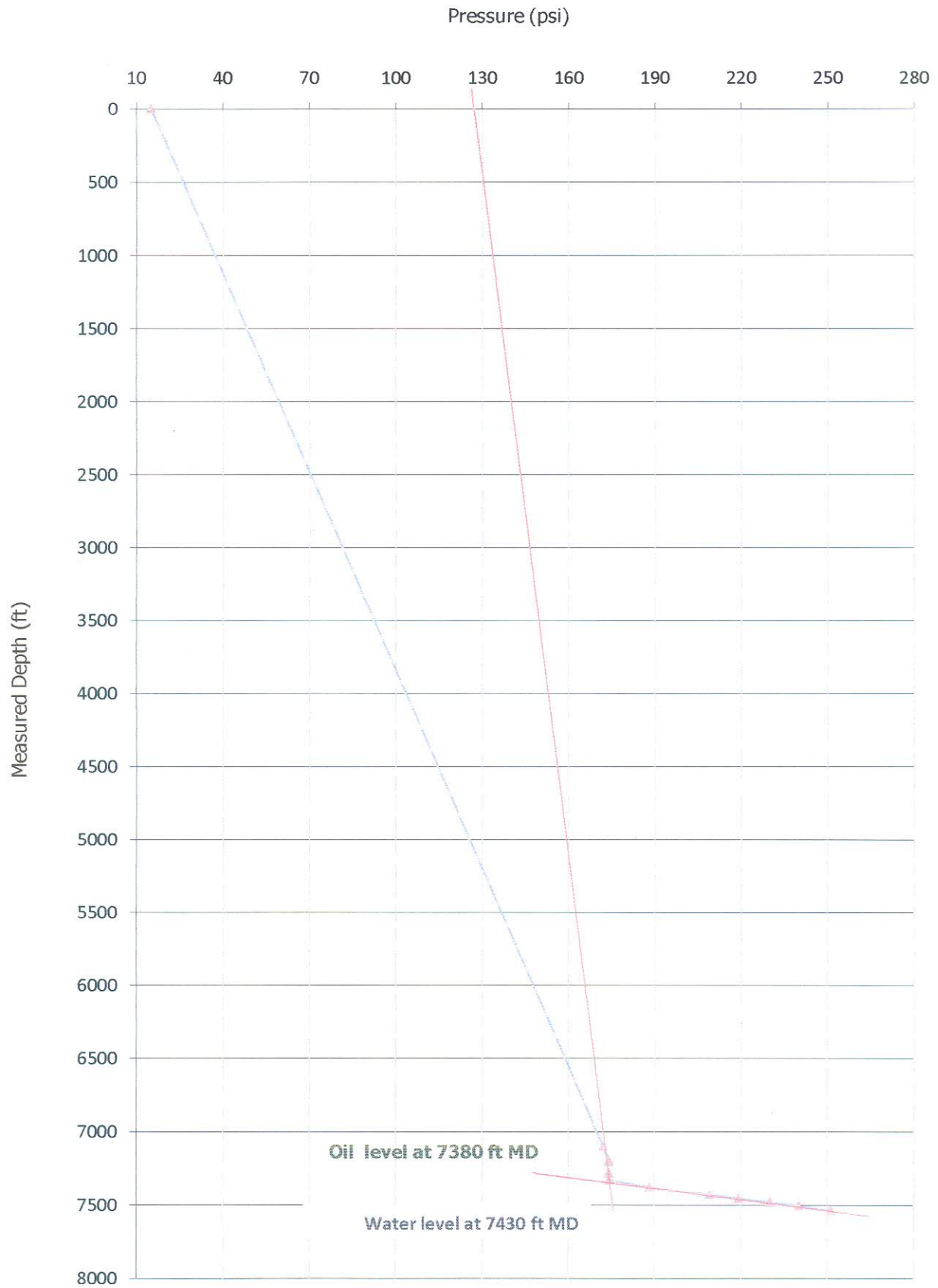
Fluid Level at Flowing Condition While RIH MG's
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MD (ft)	TVD (ft)	PRESSURE (psi)	GRADIENT (psi/ft)
0	0	15	-
7100	6675	172	0,0235
7200	6767	174	0,0217
7280	6841	174	0,0000
7330	6887	174	0,0000
7380	6934	188	0,2979
7430	6980	209	0,4565
7455	7003	219	0,4348
7480	7026	230	0,4783
7505	7049	240	0,4348
7537	7079	251	0,3667

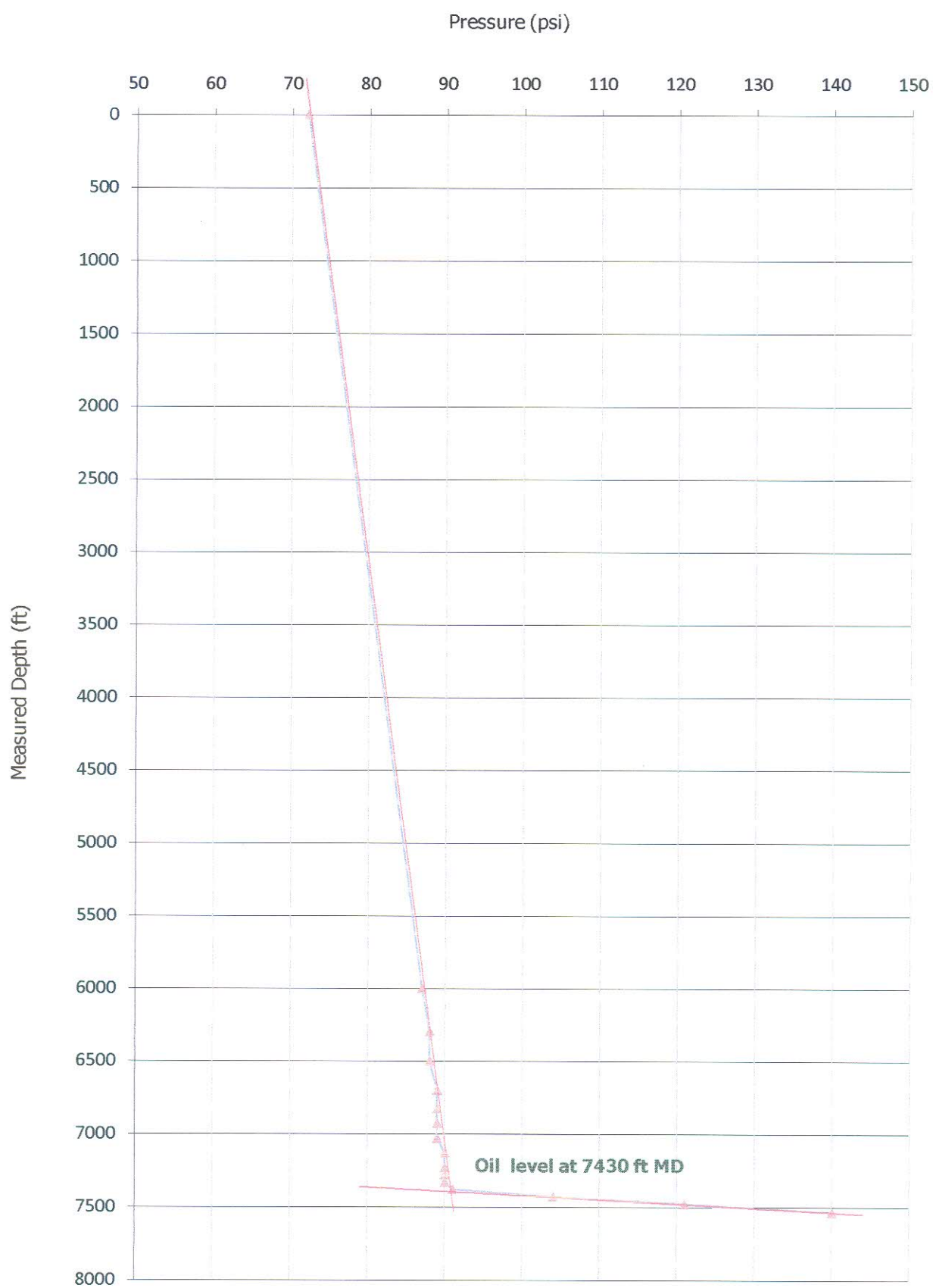
Fluid Level & Gradients

FLUID TYPE	MD (ft)	TVD (ft)	GRADIENT (psi/ft)
GAS	0	0	0,0231
OIL	7380	6934	0,2979
WATER	7430	6980	0,4242
GAUGES	7537	7079	0,0355

Flowing Pressure, LO16-22 Well

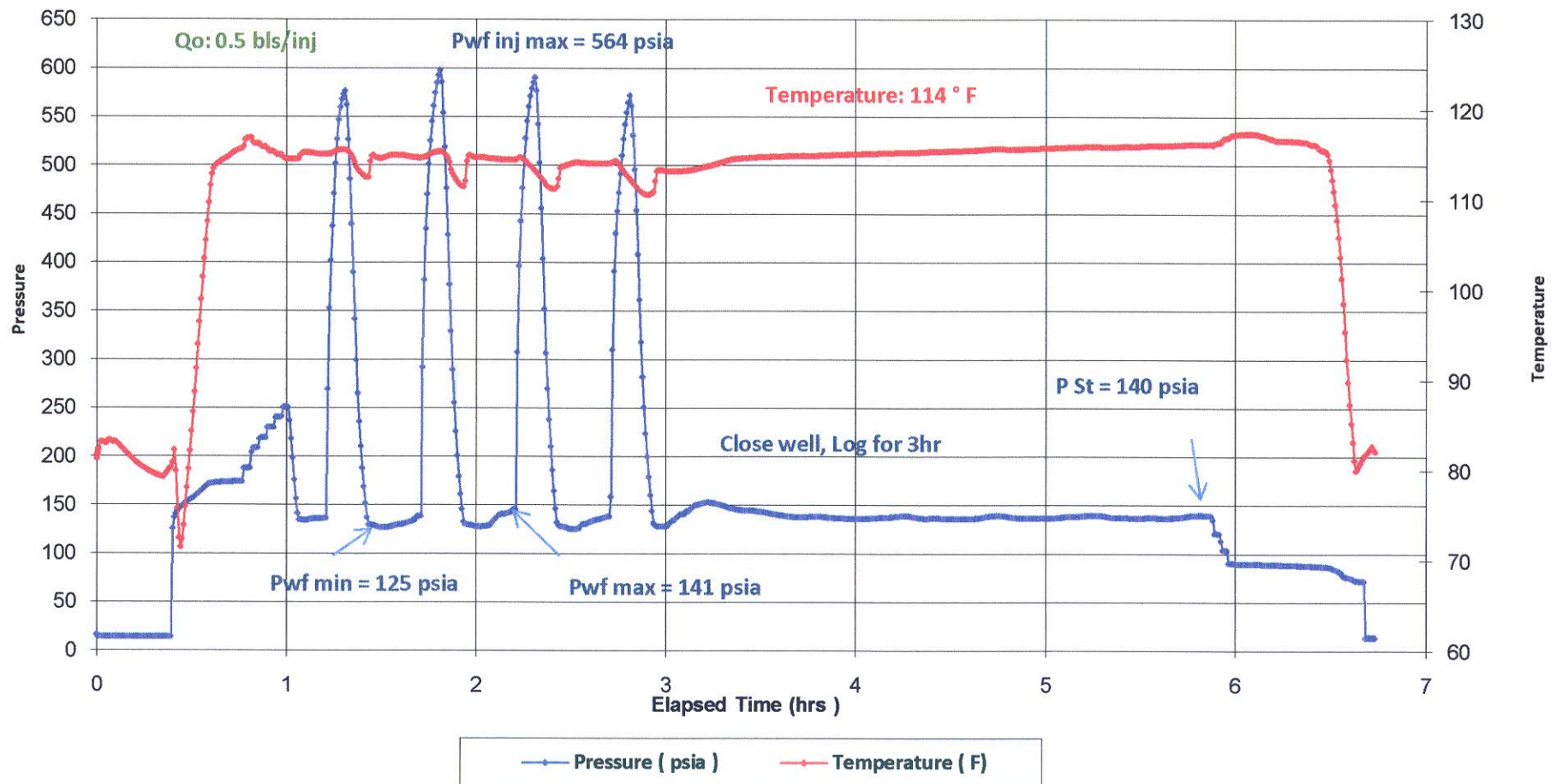


Static Pressure, LO16-22 Well



Flowing & Static Gradient BHP Test, LO16-22 Well.

Memory gauges at 7537 ft MD



Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 9:39	0,00028	16,623	81,272
08/02/2011 9:39	0,00056	16,562	81,45
08/02/2011 9:39	0,00083	16,478	81,483
08/02/2011 9:39	0,00167	16,125	81,577
08/02/2011 9:39	0,00194	16,04	81,583
08/02/2011 9:39	0,00222	15,97	81,624
08/02/2011 9:39	0,0025	15,934	81,66
08/02/2011 9:39	0,00278	15,866	81,668
08/02/2011 9:39	0,00306	15,823	81,716
08/02/2011 9:39	0,00333	15,793	81,747
08/02/2011 9:39	0,00361	15,761	81,768
08/02/2011 9:39	0,00389	15,723	81,805
08/02/2011 9:39	0,00417	15,712	81,848
08/02/2011 9:39	0,00444	15,68	81,879
08/02/2011 9:39	0,00472	14,891	81,948
08/02/2011 9:39	0,005	14,878	81,995
08/02/2011 9:39	0,00528	14,86	82,047
08/02/2011 9:39	0,00556	14,847	82,075
08/02/2011 9:39	0,00583	14,832	82,103
08/02/2011 9:39	0,00611	14,825	82,146
08/02/2011 9:39	0,00639	14,825	82,156
08/02/2011 9:39	0,00667	14,828	82,19
08/02/2011 9:39	0,00694	14,841	82,228
08/02/2011 9:39	0,00722	14,848	82,238
08/02/2011 9:39	0,0075	14,829	82,272
08/02/2011 9:39	0,00778	14,811	82,308
08/02/2011 9:39	0,00806	14,805	82,323
08/02/2011 9:39	0,00833	14,791	82,352
08/02/2011 9:39	0,00861	14,777	82,371
08/02/2011 9:39	0,00972	14,784	82,422
08/02/2011 9:40	0,01806	14,768	83,119
08/02/2011 9:40	0,02639	14,736	83,089
08/02/2011 9:41	0,03472	14,699	83,085
08/02/2011 9:41	0,04306	14,67	82,999
08/02/2011 9:42	0,05139	14,637	82,977
08/02/2011 9:42	0,05972	14,636	83,29
08/02/2011 9:43	0,06806	14,648	83,355
08/02/2011 9:43	0,07639	14,654	83,208
08/02/2011 9:44	0,08472	14,656	83,127
08/02/2011 9:44	0,09306	14,665	83,146
08/02/2011 9:45	0,10139	14,67	83,124
08/02/2011 9:45	0,10972	14,663	82,961
08/02/2011 9:46	0,11806	14,663	82,797
08/02/2011 9:46	0,12639	14,658	82,608
08/02/2011 9:47	0,13472	14,648	82,414
08/02/2011 9:47	0,14306	14,643	82,235
08/02/2011 9:48	0,15139	14,635	82,045
08/02/2011 9:48	0,15972	14,631	81,866
08/02/2011 9:49	0,16806	14,63	81,689
08/02/2011 9:49	0,17639	14,624	81,511
08/02/2011 9:50	0,18472	14,614	81,337
08/02/2011 9:50	0,19306	14,609	81,165
08/02/2011 9:51	0,20139	14,598	80,998
08/02/2011 9:51	0,20972	14,592	80,848
08/02/2011 9:52	0,21806	14,59	80,705
08/02/2011 9:52	0,22639	14,586	80,575
08/02/2011 9:53	0,23472	14,578	80,451
08/02/2011 9:53	0,24306	14,571	80,326
08/02/2011 9:54	0,25139	14,563	80,216
08/02/2011 9:54	0,25972	14,554	80,106
08/02/2011 9:55	0,26806	14,55	80,003
08/02/2011 9:55	0,27639	14,546	79,892
08/02/2011 9:56	0,28472	14,536	79,786
08/02/2011 9:56	0,29306	14,528	79,692
08/02/2011 9:57	0,30139	14,519	79,604

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 9:57	0,30972	14,514	79,517
08/02/2011 9:58	0,31806	14,507	79,438
08/02/2011 9:58	0,32639	14,502	79,361
08/02/2011 10:00	0,35139	14,491	79,232
08/02/2011 10:00	0,35972	14,493	79,471
08/02/2011 10:01	0,36806	14,497	79,733
08/02/2011 10:01	0,37639	14,503	79,961
08/02/2011 10:02	0,38472	14,507	80,181
08/02/2011 10:02	0,39306	14,517	80,379
08/02/2011 10:03	0,40139	125,951	80,839
RIH Memory Gauges with steps:			
08/02/2011 10:04	0,41806	141,474	79,95
08/02/2011 10:04	0,42639	143,897	75,767
08/02/2011 10:05	0,43472	145,903	72,489
08/02/2011 10:05	0,44306	147,748	71,488
08/02/2011 10:06	0,45139	149,042	72,352
08/02/2011 10:06	0,45972	150,784	73,898
08/02/2011 10:07	0,46806	152,16	76,002
08/02/2011 10:07	0,47639	153,194	78,09
08/02/2011 10:08	0,48472	154,496	80,152
08/02/2011 10:08	0,49306	155,642	82,133
08/02/2011 10:09	0,50139	156,78	84,301
08/02/2011 10:09	0,50972	156,969	86,482
08/02/2011 10:10	0,51806	158,978	88,681
08/02/2011 10:10	0,52639	160,512	91,292
08/02/2011 10:11	0,53472	161,77	93,942
08/02/2011 10:11	0,54306	163,171	96,453
08/02/2011 10:12	0,55139	164,712	98,947
08/02/2011 10:12	0,55972	166,11	101,414
08/02/2011 10:13	0,56806	167,473	103,469
08/02/2011 10:13	0,57639	169,15	105,494
08/02/2011 10:14	0,58472	170,345	107,56
08/02/2011 10:14	0,59306	171,981	109,686
Step at 7100'			
08/02/2011 10:15	0,60972	172,309	112,877
08/02/2011 10:16	0,61806	172,527	113,448
08/02/2011 10:16	0,62639	172,765	113,754
08/02/2011 10:17	0,63472	172,995	113,949
08/02/2011 10:17	0,64306	173,095	114,079
Step at 7200'			
08/02/2011 10:18	0,65972	173,307	114,339
08/02/2011 10:19	0,66806	173,406	114,433
08/02/2011 10:19	0,67639	173,503	114,502
08/02/2011 10:20	0,68472	173,575	114,607
08/02/2011 10:20	0,69306	173,639	114,698
step at 7280'			
08/02/2011 10:21	0,70972	173,781	115,044
08/02/2011 10:22	0,71806	173,857	115,178
08/02/2011 10:22	0,72639	173,937	115,277
step at 7330'			
08/02/2011 10:23	0,74306	174,044	115,494
08/02/2011 10:24	0,75139	174,079	115,559
08/02/2011 10:24	0,75972	174,122	115,614
step at 7380'			
08/02/2011 10:25	0,77639	187,77	115,895
08/02/2011 10:26	0,78472	187,78	116,643
08/02/2011 10:26	0,79306	187,87	116,801
08/02/2011 10:27	0,80139	188,026	116,84
08/02/2011 10:27	0,80972	188,255	116,866
step at 7430'			
08/02/2011 10:28	0,82639	208,788	116,382
08/02/2011 10:29	0,83472	208,828	116,238
08/02/2011 10:29	0,84306	208,902	116,219
step at 7455'			
08/02/2011 10:30	0,85972	218,109	116,208

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 11:38	1,98472	128,818	114,757
08/02/2011 11:38	1,99306	128,509	114,707
08/02/2011 11:39	2,00139	128,388	114,684
08/02/2011 11:39	2,00972	128,206	114,673
08/02/2011 11:40	2,01806	128,012	114,662
08/02/2011 11:40	2,02639	127,983	114,663
08/02/2011 11:41	2,03472	128,077	114,66
08/02/2011 11:41	2,04306	128,191	114,659
08/02/2011 11:42	2,05139	128,406	114,657
08/02/2011 11:42	2,05972	128,705	114,619
08/02/2011 11:43	2,06806	129,032	114,586
08/02/2011 11:43	2,07639	129,482	114,572
08/02/2011 11:44	2,08472	132,426	114,562
08/02/2011 11:44	2,09306	134,474	114,546
08/02/2011 11:45	2,10139	136,399	114,526
08/02/2011 11:45	2,10972	137,993	114,506
08/02/2011 11:46	2,11806	139,369	114,492
08/02/2011 11:46	2,12639	140,388	114,472
08/02/2011 11:47	2,13472	140,522	114,46
08/02/2011 11:47	2,14306	140,757	114,451
08/02/2011 11:48	2,15139	141,046	114,441
08/02/2011 11:48	2,15972	141,42	114,441
08/02/2011 11:49	2,16806	141,98	114,437
08/02/2011 11:49	2,17639	142,541	114,44
08/02/2011 11:50	2,18472	143,103	114,438
08/02/2011 11:50	2,19306	145,53	114,448
08/02/2011 11:51	2,20139	145,714	114,448
08/02/2011 11:51	2,20972	146,068	114,457
08/02/2011 11:52	2,21806	307,76	114,563
08/02/2011 11:52	2,22639	396,299	114,689
08/02/2011 11:53	2,23472	442,538	114,663
08/02/2011 11:53	2,24306	476,561	114,58
08/02/2011 11:54	2,25139	505,645	114,459
08/02/2011 11:55	2,27639	559,987	113,948
08/02/2011 11:56	2,28472	570,714	113,778
08/02/2011 11:56	2,29306	578,685	113,594
08/02/2011 11:57	2,30139	585,209	113,411
08/02/2011 11:57	2,30972	590,177	113,243
08/02/2011 11:58	2,31806	577,116	113,069
08/02/2011 11:58	2,32639	542,37	112,853
08/02/2011 11:59	2,33472	502,748	112,637
08/02/2011 11:59	2,34306	455,657	112,424
08/02/2011 12:00	2,35139	403,709	112,201
08/02/2011 12:00	2,35972	352,027	111,945
08/02/2011 12:01	2,36806	306,6	111,657
08/02/2011 12:01	2,37639	269,981	111,49
08/02/2011 12:02	2,38472	238,349	111,356
08/02/2011 12:02	2,39306	210,517	111,25
08/02/2011 12:03	2,40139	186,188	111,2
08/02/2011 12:03	2,40972	165,019	111,212
08/02/2011 12:04	2,41806	146,509	111,28
08/02/2011 12:04	2,42639	132,372	111,483
08/02/2011 12:05	2,43472	129,721	112,349
08/02/2011 12:05	2,44306	128,419	113,537
08/02/2011 12:06	2,45139	128,252	113,694
08/02/2011 12:06	2,45972	127,951	113,709
08/02/2011 12:07	2,46806	127,481	113,761
08/02/2011 12:07	2,47639	126,92	113,836
08/02/2011 12:08	2,48472	126,269	113,905
08/02/2011 12:08	2,49306	125,782	113,963
08/02/2011 12:09	2,50139	125,433	114,02
08/02/2011 12:09	2,50972	125,292	114,076
08/02/2011 12:10	2,51806	125,283	114,109
08/02/2011 12:10	2,52639	125,48	114,135
08/02/2011 12:11	2,53472	125,8	114,142

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 12:11	2,54306	126,263	114,123
08/02/2011 12:12	2,55139	128,757	114,096
08/02/2011 12:12	2,55972	130,35	114,085
08/02/2011 12:13	2,56806	130,547	114,068
08/02/2011 12:13	2,57639	130,868	114,051
08/02/2011 12:14	2,58472	131,373	114,038
08/02/2011 12:14	2,59306	132,057	114,026
08/02/2011 12:15	2,60139	132,871	114,014
08/02/2011 12:15	2,60972	133,574	114,011
08/02/2011 12:16	2,61806	134,23	114,006
08/02/2011 12:16	2,62639	134,715	114
08/02/2011 12:17	2,63472	135,106	113,995
08/02/2011 12:17	2,64306	135,465	113,995
08/02/2011 12:18	2,65139	135,86	113,994
08/02/2011 12:18	2,65972	136,304	113,995
08/02/2011 12:19	2,66806	136,847	114,001
08/02/2011 12:19	2,67639	137,397	114,01
08/02/2011 12:20	2,68472	137,925	114,02
08/02/2011 12:20	2,69306	138,397	114,028
08/02/2011 12:21	2,70139	138,76	114,04
08/02/2011 12:21	2,70972	158,869	114,058
08/02/2011 12:22	2,71806	310,224	114,116
08/02/2011 12:22	2,72639	390,836	114,24
08/02/2011 12:23	2,73472	429,786	114,292
08/02/2011 12:23	2,74306	452,832	114,235
08/02/2011 12:24	2,75139	472,035	113,986
08/02/2011 12:24	2,75972	491,456	113,703
08/02/2011 12:25	2,76806	510,244	113,423
08/02/2011 12:25	2,77639	527,322	113,171
08/02/2011 12:26	2,78472	542,076	112,953
08/02/2011 12:26	2,79306	554,489	112,742
08/02/2011 12:27	2,80139	564,435	112,536
08/02/2011 12:27	2,80972	571,914	112,328
08/02/2011 12:29	2,83472	495,562	111,677
08/02/2011 12:29	2,84306	453,561	111,456
08/02/2011 12:30	2,85139	408,293	111,244
08/02/2011 12:30	2,85972	361,664	111,041
08/02/2011 12:31	2,86806	318,23	110,882
08/02/2011 12:31	2,87639	282,198	110,76
08/02/2011 12:32	2,88472	251,173	110,665
08/02/2011 12:32	2,89306	224,027	110,592
08/02/2011 12:33	2,90139	200,092	110,557
08/02/2011 12:33	2,90972	179,133	110,565
08/02/2011 12:34	2,91806	160,583	110,636
08/02/2011 12:34	2,92639	144,297	110,743
08/02/2011 12:35	2,93472	131,683	110,918
08/02/2011 12:35	2,94306	129,585	112,101
08/02/2011 12:36	2,95139	128,458	113,203
08/02/2011 12:36	2,95972	128,391	113,298
Cut off gas lift and production valve, Log for 3 hrs.			
08/02/2011 12:37	2,97639	128,239	113,299
08/02/2011 12:38	2,98472	128,21	113,27
08/02/2011 12:38	2,99306	128,194	113,233
08/02/2011 12:39	3,00139	128,382	113,204
08/02/2011 12:39	3,00972	128,797	113,18
08/02/2011 12:40	3,01806	131,518	113,174
08/02/2011 12:40	3,02639	133,043	113,161
08/02/2011 12:41	3,03472	134,293	113,156
08/02/2011 12:41	3,04306	134,475	113,155
08/02/2011 12:42	3,05139	136,559	113,156
08/02/2011 12:42	3,05972	137,874	113,166
08/02/2011 12:43	3,06806	139,389	113,167
08/02/2011 12:43	3,07639	140,568	113,173
08/02/2011 12:44	3,08472	140,744	113,184
08/02/2011 12:44	3,09306	141,032	113,2

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 12:45	3,10139	141,513	113,209
08/02/2011 12:45	3,10972	144,206	113,232
08/02/2011 12:46	3,11806	144,382	113,256
08/02/2011 12:46	3,12639	144,668	113,287
08/02/2011 12:47	3,13472	147,259	113,309
08/02/2011 12:47	3,14306	148,649	113,346
08/02/2011 12:48	3,15139	150,02	113,375
08/02/2011 12:48	3,15972	150,204	113,422
08/02/2011 12:49	3,16806	150,504	113,46
08/02/2011 12:49	3,17639	150,937	113,502
08/02/2011 12:50	3,18472	151,457	113,539
08/02/2011 12:50	3,19306	152,041	113,585
08/02/2011 12:51	3,20139	152,464	113,622
08/02/2011 12:51	3,20972	152,779	113,658
08/02/2011 12:52	3,21806	152,938	113,704
08/02/2011 12:52	3,22639	152,942	113,75
08/02/2011 12:53	3,23472	152,829	113,798
08/02/2011 12:53	3,24306	152,622	113,842
08/02/2011 12:54	3,25139	152,331	113,889
08/02/2011 12:54	3,25972	151,966	113,937
08/02/2011 12:55	3,26806	151,59	113,987
08/02/2011 12:55	3,27639	151,175	114,041
08/02/2011 12:56	3,28472	150,728	114,096
08/02/2011 12:56	3,29306	150,223	114,146
08/02/2011 12:57	3,30139	149,709	114,205
08/02/2011 12:57	3,30972	149,178	114,259
08/02/2011 12:58	3,31806	148,634	114,313
08/02/2011 12:58	3,32639	148,12	114,355
08/02/2011 12:59	3,33472	147,657	114,398
08/02/2011 12:59	3,34306	147,213	114,442
08/02/2011 13:00	3,35139	146,812	114,479
08/02/2011 13:00	3,35972	146,447	114,52
08/02/2011 13:01	3,36806	146,096	114,541
08/02/2011 13:01	3,37639	145,762	114,558
08/02/2011 13:02	3,38472	145,447	114,572
08/02/2011 13:02	3,39306	145,162	114,589
08/02/2011 13:03	3,40139	144,973	114,599
08/02/2011 13:03	3,40972	144,871	114,616
08/02/2011 13:04	3,41806	144,814	114,625
08/02/2011 13:04	3,42639	144,829	114,634
08/02/2011 13:05	3,43472	144,831	114,646
08/02/2011 13:05	3,44306	144,768	114,667
08/02/2011 13:06	3,45139	144,639	114,683
08/02/2011 13:06	3,45972	144,471	114,692
08/02/2011 13:07	3,46806	144,25	114,698
08/02/2011 13:07	3,47639	144,026	114,713
08/02/2011 13:08	3,48472	143,786	114,722
08/02/2011 13:08	3,49306	143,543	114,726
08/02/2011 13:09	3,50139	143,31	114,731
08/02/2011 13:09	3,50972	143,047	114,742
08/02/2011 13:10	3,51806	142,783	114,75
08/02/2011 13:10	3,52639	142,493	114,757
08/02/2011 13:12	3,55139	141,616	114,778
08/02/2011 13:12	3,55972	141,305	114,782
08/02/2011 13:13	3,56806	141,027	114,798
08/02/2011 13:13	3,57639	140,73	114,802
08/02/2011 13:14	3,58472	140,452	114,806
08/02/2011 13:14	3,59306	140,171	114,811
08/02/2011 13:15	3,60139	139,921	114,82
08/02/2011 13:15	3,60972	139,68	114,827
08/02/2011 13:16	3,61806	139,457	114,832
08/02/2011 13:16	3,62639	139,228	114,836
08/02/2011 13:17	3,63472	139,001	114,84
08/02/2011 13:17	3,64306	138,777	114,84
08/02/2011 13:18	3,65139	138,563	114,847

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 13:18	3,65972	138,368	114,857
08/02/2011 13:19	3,66806	138,209	114,864
08/02/2011 13:19	3,67639	138,057	114,865
08/02/2011 13:20	3,68472	137,938	114,868
08/02/2011 13:20	3,69306	137,853	114,871
08/02/2011 13:21	3,70139	137,772	114,881
08/02/2011 13:21	3,70972	137,702	114,882
08/02/2011 13:22	3,71806	137,713	114,884
08/02/2011 13:22	3,72639	137,74	114,883
08/02/2011 13:23	3,73472	137,783	114,885
08/02/2011 13:23	3,74306	137,901	114,884
08/02/2011 13:24	3,75139	138,067	114,883
08/02/2011 13:24	3,75972	138,239	114,885
08/02/2011 13:25	3,76806	138,421	114,886
08/02/2011 13:25	3,77639	138,565	114,888
08/02/2011 13:26	3,78472	138,654	114,888
08/02/2011 13:26	3,79306	138,675	114,897
08/02/2011 13:27	3,80139	138,609	114,897
08/02/2011 13:27	3,80972	138,497	114,901
08/02/2011 13:28	3,81806	138,354	114,905
08/02/2011 13:28	3,82639	138,175	114,916
08/02/2011 13:29	3,83472	137,99	114,924
08/02/2011 13:29	3,84306	137,821	114,928
08/02/2011 13:30	3,85139	137,649	114,941
08/02/2011 13:30	3,85972	137,484	114,945
08/02/2011 13:31	3,86806	137,342	114,952
08/02/2011 13:31	3,87639	137,21	114,96
08/02/2011 13:32	3,88472	137,082	114,971
08/02/2011 13:32	3,89306	136,951	114,968
08/02/2011 13:33	3,90139	136,86	114,979
08/02/2011 13:33	3,90972	136,774	114,982
08/02/2011 13:34	3,91806	136,687	114,991
08/02/2011 13:34	3,92639	136,616	114,994
08/02/2011 13:35	3,93472	136,556	115,006
08/02/2011 13:35	3,94306	136,499	115,008
08/02/2011 13:36	3,95139	136,44	115,017
08/02/2011 13:36	3,95972	136,407	115,024
08/02/2011 13:37	3,96806	136,368	115,029
08/02/2011 13:37	3,97639	136,348	115,034
08/02/2011 13:38	3,98472	136,32	115,045
08/02/2011 13:38	3,99306	136,287	115,049
08/02/2011 13:39	4,00139	136,248	115,053
08/02/2011 13:39	4,00972	136,232	115,062
08/02/2011 13:40	4,01806	136,231	115,068
08/02/2011 13:40	4,02639	136,226	115,074
08/02/2011 13:41	4,03472	136,229	115,081
08/02/2011 13:41	4,04306	136,265	115,089
08/02/2011 13:42	4,05139	136,297	115,095
08/02/2011 13:42	4,05972	136,322	115,098
08/02/2011 13:43	4,06806	136,382	115,107
08/02/2011 13:43	4,07639	136,47	115,116
08/02/2011 13:44	4,08472	136,556	115,124
08/02/2011 13:45	4,10972	136,904	115,138
08/02/2011 13:46	4,11806	137,021	115,146
08/02/2011 13:46	4,12639	137,133	115,148
08/02/2011 13:47	4,13472	137,22	115,152
08/02/2011 13:47	4,14306	137,269	115,155
08/02/2011 13:48	4,15139	137,317	115,16
08/02/2011 13:48	4,15972	137,353	115,166
08/02/2011 13:49	4,16806	137,408	115,171
08/02/2011 13:49	4,17639	137,511	115,173
08/02/2011 13:50	4,18472	137,662	115,181
08/02/2011 13:50	4,19306	137,862	115,188
08/02/2011 13:51	4,20139	138,092	115,197
08/02/2011 13:51	4,20972	138,338	115,208

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 13:52	4,21806	138,552	115,215
08/02/2011 13:52	4,22639	138,746	115,223
08/02/2011 13:53	4,23472	138,887	115,222
08/02/2011 13:53	4,24306	138,996	115,23
08/02/2011 13:54	4,25139	139,042	115,232
08/02/2011 13:54	4,25972	139,054	115,233
08/02/2011 13:55	4,26806	138,987	115,238
08/02/2011 13:55	4,27639	138,879	115,233
08/02/2011 13:56	4,28472	138,7	115,24
08/02/2011 13:56	4,29306	138,47	115,244
08/02/2011 13:57	4,30139	138,179	115,245
08/02/2011 13:57	4,30972	137,878	115,251
08/02/2011 13:58	4,31806	137,565	115,253
08/02/2011 13:58	4,32639	137,256	115,26
08/02/2011 13:59	4,33472	136,976	115,267
08/02/2011 13:59	4,34306	136,733	115,274
08/02/2011 14:00	4,35139	136,55	115,281
08/02/2011 14:00	4,35972	136,42	115,29
08/02/2011 14:01	4,36806	136,395	115,302
08/02/2011 14:01	4,37639	136,427	115,312
08/02/2011 14:02	4,38472	136,52	115,327
08/02/2011 14:02	4,39306	136,624	115,337
08/02/2011 14:03	4,40139	136,71	115,335
08/02/2011 14:03	4,40972	136,753	115,346
08/02/2011 14:04	4,41806	136,75	115,351
08/02/2011 14:04	4,42639	136,699	115,353
08/02/2011 14:05	4,43472	136,632	115,363
08/02/2011 14:05	4,44306	136,553	115,368
08/02/2011 14:06	4,45139	136,459	115,374
08/02/2011 14:06	4,45972	136,365	115,373
08/02/2011 14:07	4,46806	136,31	115,374
08/02/2011 14:07	4,47639	136,282	115,381
08/02/2011 14:08	4,48472	136,267	115,388
08/02/2011 14:08	4,49306	136,29	115,395
08/02/2011 14:09	4,50139	136,333	115,407
08/02/2011 14:09	4,50972	136,37	115,419
08/02/2011 14:10	4,51806	136,38	115,428
08/02/2011 14:10	4,52639	136,386	115,432
08/02/2011 14:11	4,53472	136,36	115,441
08/02/2011 14:11	4,54306	136,293	115,444
08/02/2011 14:12	4,55139	136,241	115,442
08/02/2011 14:12	4,55972	136,195	115,446
08/02/2011 14:13	4,56806	136,178	115,453
08/02/2011 14:13	4,57639	136,174	115,462
08/02/2011 14:14	4,58472	136,209	115,464
08/02/2011 14:15	4,60972	136,367	115,484
08/02/2011 14:16	4,61806	136,416	115,493
08/02/2011 14:16	4,62639	136,496	115,495
08/02/2011 14:17	4,63472	136,578	115,51
08/02/2011 14:17	4,64306	136,717	115,517
08/02/2011 14:18	4,65139	136,939	115,537
08/02/2011 14:18	4,65972	137,238	115,548
08/02/2011 14:19	4,66806	137,548	115,561
08/02/2011 14:19	4,67639	137,918	115,571
08/02/2011 14:20	4,68472	138,242	115,579
08/02/2011 14:20	4,69306	138,522	115,591
08/02/2011 14:21	4,70139	138,748	115,609
08/02/2011 14:21	4,70972	138,947	115,63
08/02/2011 14:22	4,71806	139,086	115,648
08/02/2011 14:22	4,72639	139,213	115,67
08/02/2011 14:23	4,73472	139,312	115,678
08/02/2011 14:23	4,74306	139,374	115,683
08/02/2011 14:24	4,75139	139,412	115,682
08/02/2011 14:24	4,75972	139,388	115,676
08/02/2011 14:25	4,76806	139,308	115,666

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 14:25	4,77639	139,151	115,647
08/02/2011 14:26	4,78472	138,944	115,641
08/02/2011 14:26	4,79306	138,678	115,629
08/02/2011 14:27	4,80139	138,384	115,621
08/02/2011 14:27	4,80972	138,099	115,62
08/02/2011 14:28	4,81806	137,828	115,615
08/02/2011 14:28	4,82639	137,574	115,615
08/02/2011 14:29	4,83472	137,37	115,614
08/02/2011 14:29	4,84306	137,185	115,619
08/02/2011 14:30	4,85139	137,024	115,62
08/02/2011 14:30	4,85972	136,919	115,623
08/02/2011 14:31	4,86806	136,849	115,622
08/02/2011 14:31	4,87639	136,774	115,625
08/02/2011 14:32	4,88472	136,73	115,632
08/02/2011 14:32	4,89306	136,7	115,633
08/02/2011 14:33	4,90139	136,666	115,636
08/02/2011 14:33	4,90972	136,651	115,644
08/02/2011 14:34	4,91806	136,663	115,647
08/02/2011 14:34	4,92639	136,672	115,657
08/02/2011 14:35	4,93472	136,691	115,661
08/02/2011 14:35	4,94306	136,734	115,671
08/02/2011 14:36	4,95139	136,764	115,678
08/02/2011 14:36	4,95972	136,787	115,687
08/02/2011 14:37	4,96806	136,828	115,69
08/02/2011 14:37	4,97639	136,857	115,697
08/02/2011 14:38	4,98472	136,849	115,704
08/02/2011 14:38	4,99306	136,852	115,708
08/02/2011 14:39	5,00139	136,848	115,712
08/02/2011 14:39	5,00972	136,858	115,716
08/02/2011 14:40	5,01806	136,88	115,722
08/02/2011 14:40	5,02639	136,913	115,732
08/02/2011 14:41	5,03472	136,942	115,736
08/02/2011 14:41	5,04306	136,992	115,749
08/02/2011 14:42	5,05139	137,051	115,756
08/02/2011 14:42	5,05972	137,125	115,762
08/02/2011 14:43	5,06806	137,268	115,776
08/02/2011 14:43	5,07639	137,444	115,781
08/02/2011 14:44	5,08472	137,645	115,786
08/02/2011 14:44	5,09306	137,866	115,797
08/02/2011 14:45	5,10139	138,068	115,807
08/02/2011 14:45	5,10972	138,232	115,811
08/02/2011 14:46	5,11806	138,371	115,821
08/02/2011 14:46	5,12639	138,471	115,82
08/02/2011 14:47	5,13472	138,51	115,826
08/02/2011 14:47	5,14306	138,558	115,829
08/02/2011 14:49	5,16806	138,598	115,836
08/02/2011 14:49	5,17639	138,692	115,851
08/02/2011 14:50	5,18472	138,837	115,857
08/02/2011 14:50	5,19306	138,996	115,863
08/02/2011 14:51	5,20139	139,175	115,87
08/02/2011 14:51	5,20972	139,355	115,878
08/02/2011 14:52	5,21806	139,494	115,886
08/02/2011 14:52	5,22639	139,566	115,894
08/02/2011 14:53	5,23472	139,621	115,894
08/02/2011 14:53	5,24306	139,664	115,895
08/02/2011 14:54	5,25139	139,685	115,891
08/02/2011 14:54	5,25972	139,697	115,891
08/02/2011 14:55	5,26806	139,721	115,894
08/02/2011 14:55	5,27639	139,702	115,889
08/02/2011 14:56	5,28472	139,629	115,89
08/02/2011 14:56	5,29306	139,484	115,875
08/02/2011 14:57	5,30139	139,259	115,866
08/02/2011 14:57	5,30972	138,955	115,865
08/02/2011 14:58	5,31806	138,652	115,859
08/02/2011 14:58	5,32639	138,341	115,856

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
08/02/2011 14:59	5,33472	138,043	115,859
08/02/2011 14:59	5,34306	137,753	115,856
08/02/2011 15:00	5,35139	137,515	115,862
08/02/2011 15:00	5,35972	137,321	115,864
08/02/2011 15:01	5,36806	137,222	115,862
08/02/2011 15:01	5,37639	137,187	115,872
08/02/2011 15:02	5,39306	137,303	115,886
08/02/2011 15:03	5,40139	137,364	115,889
08/02/2011 15:03	5,40972	137,363	115,889
08/02/2011 15:04	5,41806	137,331	115,891
08/02/2011 15:04	5,42639	137,266	115,89
08/02/2011 15:05	5,43472	137,156	115,896
08/02/2011 15:05	5,44306	137,048	115,9
08/02/2011 15:06	5,45139	136,956	115,897
08/02/2011 15:06	5,45972	136,861	115,903
08/02/2011 15:07	5,46806	136,797	115,908
08/02/2011 15:07	5,47639	136,729	115,91
08/02/2011 15:08	5,48472	136,698	115,914
08/02/2011 15:08	5,49306	136,692	115,918
08/02/2011 15:09	5,50139	136,726	115,936
08/02/2011 15:09	5,50972	136,801	115,957
08/02/2011 15:10	5,51806	136,933	115,968
08/02/2011 15:10	5,52639	137,065	115,99
08/02/2011 15:11	5,53472	137,167	115,992
08/02/2011 15:11	5,54306	137,232	116,001
08/02/2011 15:12	5,55139	137,253	116,002
08/02/2011 15:12	5,55972	137,229	116,003
08/02/2011 15:13	5,56806	137,171	116,004
08/02/2011 15:13	5,57639	137,116	116,004
08/02/2011 15:14	5,58472	137,066	116
08/02/2011 15:14	5,59306	137,005	116
08/02/2011 15:15	5,60139	136,964	115,998
08/02/2011 15:15	5,60972	136,933	116,004
08/02/2011 15:16	5,61806	136,913	115,997
08/02/2011 15:16	5,62639	136,906	116,001
08/02/2011 15:17	5,63472	136,915	116,005
08/02/2011 15:17	5,64306	136,927	116,011
08/02/2011 15:18	5,65139	136,969	116,022
08/02/2011 15:18	5,65972	137,032	116,036
08/02/2011 15:19	5,66806	137,101	116,038
08/02/2011 15:19	5,67639	137,203	116,052
08/02/2011 15:20	5,68472	137,305	116,068
08/02/2011 15:20	5,69306	137,419	116,08
08/02/2011 15:21	5,70139	137,511	116,085
08/02/2011 15:21	5,70972	137,653	116,096
08/02/2011 15:22	5,71806	137,843	116,108
08/02/2011 15:22	5,72639	138,097	116,117
08/02/2011 15:23	5,73472	138,375	116,121
08/02/2011 15:23	5,74306	138,697	116,13
08/02/2011 15:24	5,75139	138,996	116,143
08/02/2011 15:24	5,75972	139,239	116,148
08/02/2011 15:25	5,76806	139,428	116,159
08/02/2011 15:25	5,77639	139,584	116,167
08/02/2011 15:26	5,78472	139,714	116,175
08/02/2011 15:26	5,79306	139,806	116,171
08/02/2011 15:27	5,80972	139,917	116,172
08/02/2011 15:28	5,81806	139,929	116,163
08/02/2011 15:28	5,82639	139,902	116,158
08/02/2011 15:29	5,83472	139,843	116,151
08/02/2011 15:29	5,84306	139,767	116,145
08/02/2011 15:30	5,85139	139,65	116,139
08/02/2011 15:30	5,85972	139,527	116,132
08/02/2011 15:31	5,86806	139,392	116,128
POOH Memory gauges			
08/02/2011 15:32	5,88472	135,59	116,118

Well: LO16-22 Development Test			
Memory Gauge: SN 2760 with Battery PPS 8060C			
Time	Elapsed Time	Pressure	Temperature
(Real - Time)	(Hours)	(Psia)	(DegF)
Step at 7480'			
08/02/2011 15:33	5,90139	121,347	116,299
08/02/2011 15:33	5,90972	121,197	116,336
step at 7430'			
08/02/2011 15:34	5,92639	113,749	116,385
08/02/2011 15:35	5,93472	104,378	116,69
08/02/2011 15:36	5,95139	104,174	116,841
08/02/2011 15:36	5,95972	103,983	116,866
step at 7380'			
08/02/2011 15:37	5,97639	90,639	117,147
08/02/2011 15:38	5,98472	90,504	117,194
08/02/2011 15:38	5,99306	90,355	117,21
step at 7330'			
08/02/2011 15:39	6,00972	90,03	117,246
08/02/2011 15:40	6,01806	89,983	117,272
08/02/2011 15:40	6,02639	89,934	117,287
08/02/2011 15:41	6,03472	89,909	117,302
08/02/2011 15:41	6,04306	89,885	117,31
step at 7280'			
08/02/2011 15:42	6,05972	89,851	117,339
08/02/2011 15:43	6,06806	89,833	117,339
08/02/2011 15:43	6,07639	89,811	117,341
08/02/2011 15:44	6,08472	89,773	117,338
step at 7230'			
08/02/2011 15:45	6,10139	89,74	117,301
08/02/2011 15:45	6,10972	89,741	117,292
08/02/2011 15:46	6,11806	89,726	117,279
step at 7130'			
08/02/2011 15:47	6,13472	89,635	117,155
08/02/2011 15:47	6,14306	89,577	117,119
08/02/2011 15:48	6,15139	89,527	117,094
08/02/2011 15:48	6,15972	89,463	117,057
step at 7030'			
08/02/2011 15:49	6,17639	89,379	116,871
08/02/2011 15:50	6,18472	89,345	116,825
08/02/2011 15:50	6,19306	89,297	116,789
step at 6930'			
08/02/2011 15:51	6,20972	89,16	116,626
08/02/2011 15:52	6,21806	89,114	116,598
08/02/2011 15:52	6,22639	89,05	116,581
08/02/2011 15:53	6,23472	88,984	116,571
08/02/2011 15:53	6,24306	88,985	116,562
step at 6830'			
08/02/2011 15:54	6,25972	88,893	116,557
08/02/2011 15:55	6,26806	88,861	116,558
08/02/2011 15:55	6,27639	88,831	116,557
step at 6700'			
08/02/2011 15:56	6,29306	88,706	116,557
08/02/2011 15:57	6,30139	88,65	116,546
08/02/2011 15:57	6,30972	88,577	116,538
08/02/2011 15:58	6,31806	88,497	116,53
08/02/2011 15:58	6,32639	88,419	116,525
step at 6500'			
08/02/2011 15:59	6,34306	88,293	116,467
08/02/2011 16:00	6,35139	88,223	116,447
08/02/2011 16:01	6,36806	88,147	116,428
08/02/2011 16:01	6,37639	88,09	116,409
step at 6300'			
08/02/2011 16:02	6,39306	87,918	116,211
08/02/2011 16:03	6,40139	87,808	116,176
08/02/2011 16:03	6,40972	87,716	116,151
08/02/2011 16:04	6,41806	87,673	116,13
08/02/2011 16:04	6,42639	87,664	116,108
step at 6000'			
08/02/2011 16:05	6,44306	87,43	115,642

Well: LO16-22 Development Test
Memory Gauge: SN 2760 with Battery PPS 8060C

Time (Real - Time)	Elapsed Time (Hours)	Pressure (Psia)	Temperature (DegF)
08/02/2011 16:06	6,45139	87,315	115,559
08/02/2011 16:06	6,45972	87,197	115,51
08/02/2011 16:07	6,46806	87,069	115,464
08/02/2011 16:07	6,47639	87,03	115,422
08/02/2011 16:08	6,48472	86,914	115,146
08/02/2011 16:08	6,49306	86,628	114,465
08/02/2011 16:09	6,50139	86,218	113,449
08/02/2011 16:09	6,50972	85,683	112,285
08/02/2011 16:10	6,51806	84,971	111,02
08/02/2011 16:10	6,52639	84,2	109,521
08/02/2011 16:11	6,53472	83,392	107,819
08/02/2011 16:11	6,54306	82,523	105,896
08/02/2011 16:12	6,55139	81,618	103,739
08/02/2011 16:12	6,55972	80,713	101,337
08/02/2011 16:13	6,56806	77,794	98,56
08/02/2011 16:13	6,57639	76,733	95,438
08/02/2011 16:14	6,58472	76,555	92,342
08/02/2011 16:14	6,59306	76,23	89,859
08/02/2011 16:15	6,60139	75,733	87,326
08/02/2011 16:15	6,60972	75,118	85,267
08/02/2011 16:16	6,61806	74,355	83,165
08/02/2011 16:16	6,62639	73,693	81,168
Step at 0'			
08/02/2011 16:17	6,64306	72,725	80,209
08/02/2011 16:18	6,65139	72,408	80,579
08/02/2011 16:18	6,65972	72,247	80,921
08/02/2011 16:19	6,66806	72,151	81,262
08/02/2011 16:19	6,67639	72,127	81,587
08/02/2011 16:20	6,68472	14,344	81,8
08/02/2011 16:20	6,69306	14,34	81,951
08/02/2011 16:21	6,70139	14,336	82,221
08/02/2011 16:21	6,70972	14,332	82,484
08/02/2011 16:22	6,71806	14,328	82,734
08/02/2011 16:22	6,72639	14,32	82,408
08/02/2011 16:23	6,73472	14,316	82,119

Desactivate Memory Gauges.