

Reservorios Lima
~~Alta Vista Pampa~~
Sept 6th, 2004

FLOWPETROL S.A.

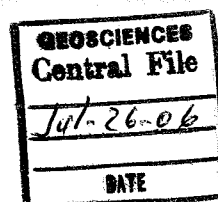
FLOWING GRADIENT TEST

COMPANY: PETRO-TECH PERUANA S.A.

WELL: L016-24

FIELD: LOBITOS OFFSHORE

DATE: SEPTEMBER 04TH, 2004

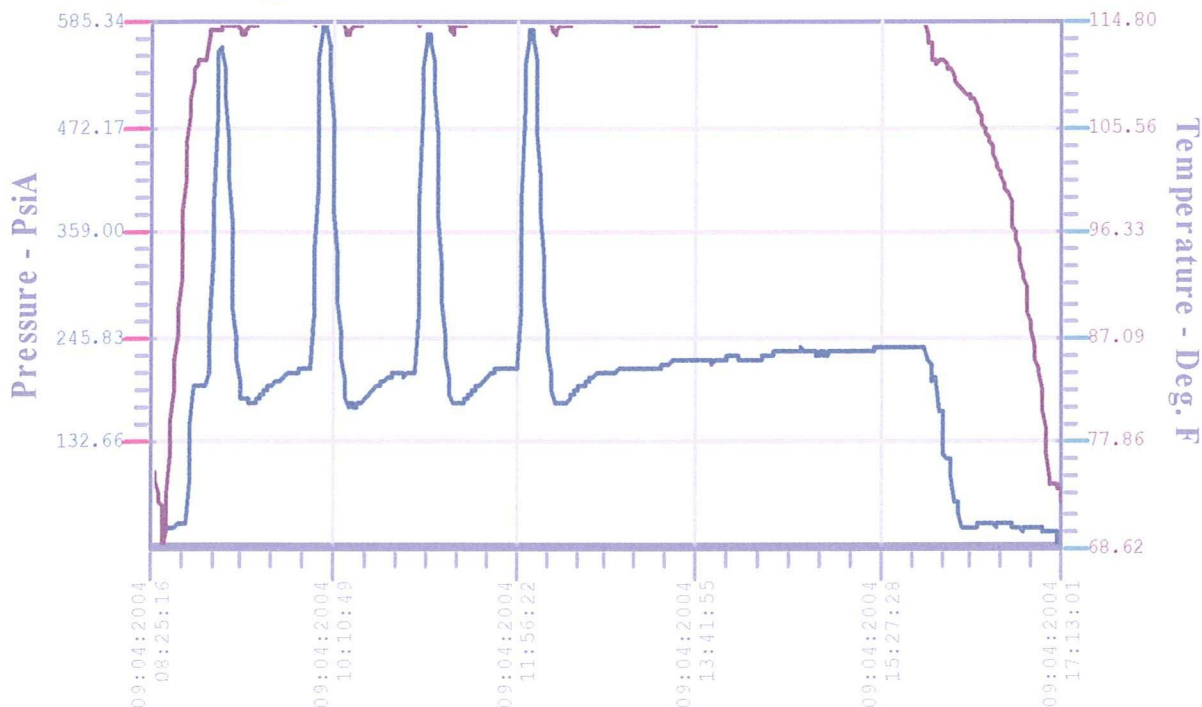


Well Test Data

Test name: GFLO16-24

Company: FLOWPETROL S.A
Client: PETRO-TECH S.A
Gauge number: 91176
Well name: LO16-24
Well number: 24
Test number: 60
Field name: LOBITOS OFFSHORE
County: TALARA
State: PIURA
Date of test: SEPTEMBER 04TH, 2004
Type of test: FLOWING GRADIENT TEST
Well status: PRODUCER
BHP on bottom: 182.33 PSIA
BHP off bottom: 233.88 PSIA
Bottom gauge number: 91176
Starting tubing pressure: 25 PSIG
Starting casing pressure: 540 PSIG
Ending tubing pressure: 25 PSIG
Ending casing pressure: 540 PSIG
Depth of tool: 9950'
Surface elevation: -
Tool zero point: 24'
Tubing size: 2 7/8"
Bottom hole temperature: 114.69 deg F
:
:
Test operator: ENG. PILAR SALDARRIAGA
Comments:
:
:

Temperature / Pressure Data



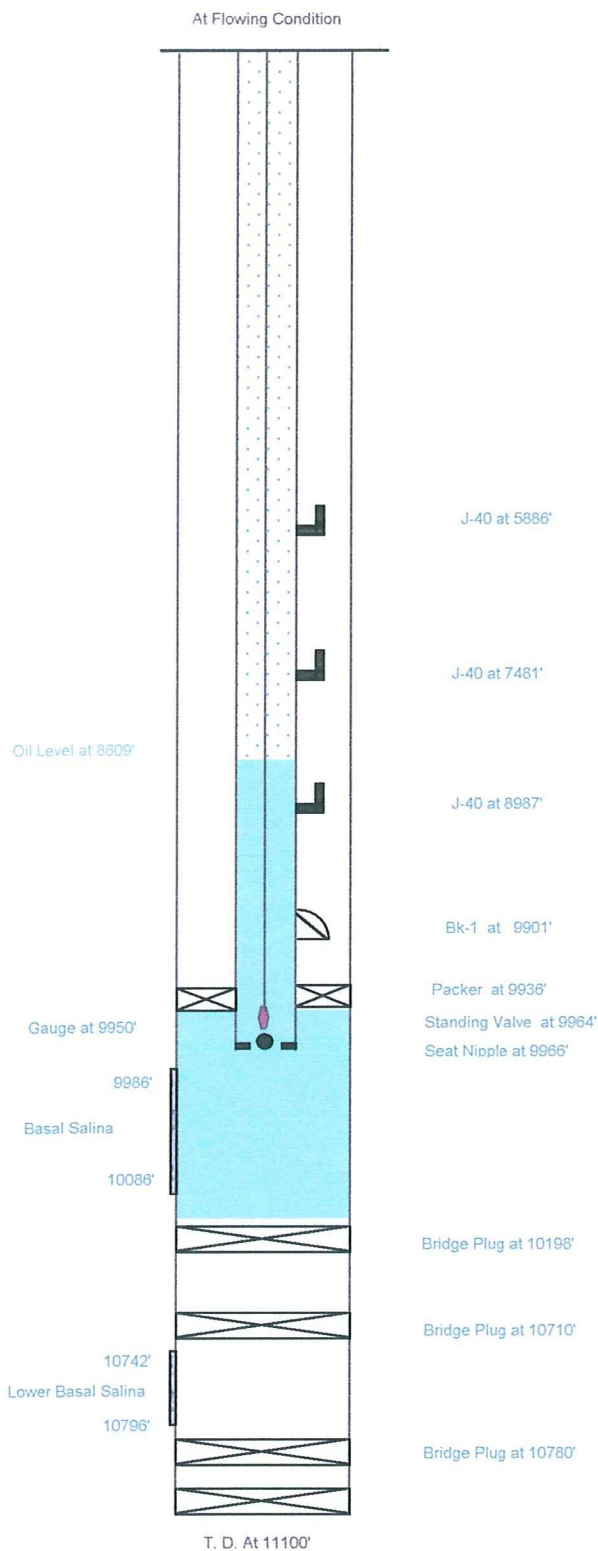
Real Time

CENTRAL FILE
Geosciences

FLOWING GRADIENT TEST

Field : Lobitos Offshore
Well : LO16-24

Sand(s) : Basal Salina
Interval(s) : (10086' - 9986')



Well Status : Producer
Installation : Conventional
Production (STB) : 34X0
Cumul. (Np) : 159 103 BO

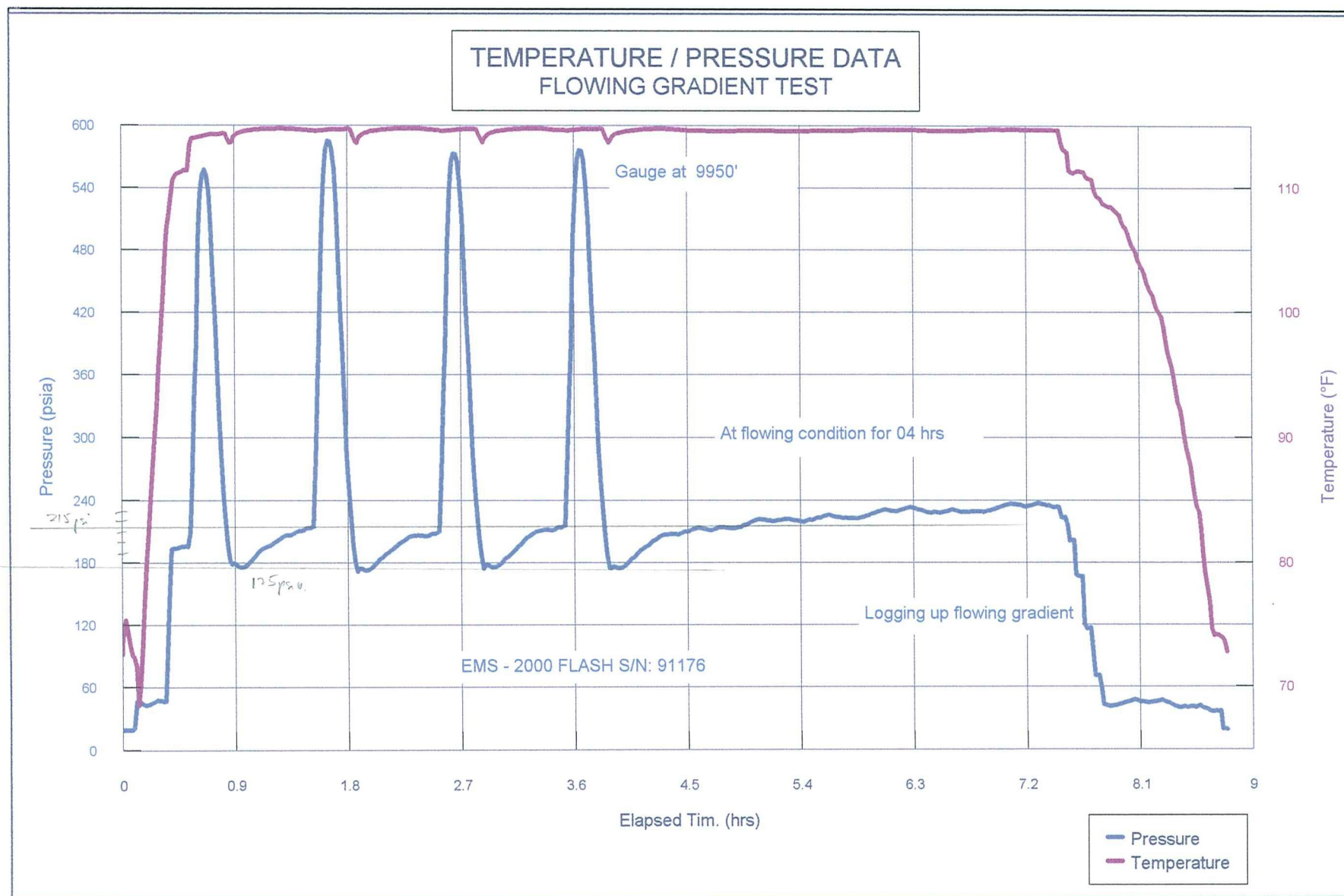
FIELD REPORT :

September 04th, 2004

08:00 Rig up
08:25 Activate Memory gauge 91176
08:26 RIH Gauge
08:50 Gauge at 9965'
Press Tubing=25
Press Casing=540 ✓
08:57 First gas Injection
Press Tubing=100psig ✓
Press Casing=600 psig
09:57 Second Gas Injection
Press Tubing=80 ✓
Press Casing= 600psig
10:57 Thirst Gas Injection
Press Tubing=100
Press Casing= 600psig
11:57 Fourt Gas Injection ✓
Press Tubing=100
Press Casing=600psig
12:17 Shut in gas Injection x04hrs
15:51 POOH Gauges with steps at follows:
9950'-9900'-9800'-9600'-9200'-8800'-8400'-
8000'-7600'-7200' 6800'- 6400'- 6000' - 5000'
4000' - 3000' - 2000' - 1000' - 0'
17:13 Gauges on Surface .
17:30 Well in Production
18:00 Rig Down.

Field Operator : Abelardo Lopez

Field Supervisor : Eng. Pilar



Fluid Level at Flowing Condition (while POOH gauges)

Measured depth (ft)	Vertical depth (ft)	Pressure (psia)	Gradient (psi/ft)
0	0.00	36.76	
1000	999.50	39.08	0.0023
2000	1932.77	40.46	0.0015
3000	2588.52	40.70	0.0004
4000	3115.45	41.05	0.0007
5000	3698.58	43.96	0.0050
6000	4368.66	45.79	0.0027
6400	4662.58	44.76	-0.0035
6800	4967.23	45.91	0.0038
7200	5267.41	46.47	0.0019
7600	5542.64	44.03	-0.0089
8000	5804.54	41.90	-0.0081
8400	6066.43	42.39	0.0019
8800	6332.94	70.85	0.1068
9200	6589.32	116.23	0.1770
9600	6833.69	167.33	0.2091
9800	6963.58	201.52	0.2632
9900	7029.18	223.81	0.3398
9950	7062.07	233.88	0.3062

Levels & Gradients

	Flowing levels		Gradient (psi/ft)
	Measured (ft)	Vertical (ft)	
Gas=	0	0	0.0067
Oil=	8609	6210	0.2236
Gauges =	9950	7062	0.0331

Summary of Results Well: LO16-24

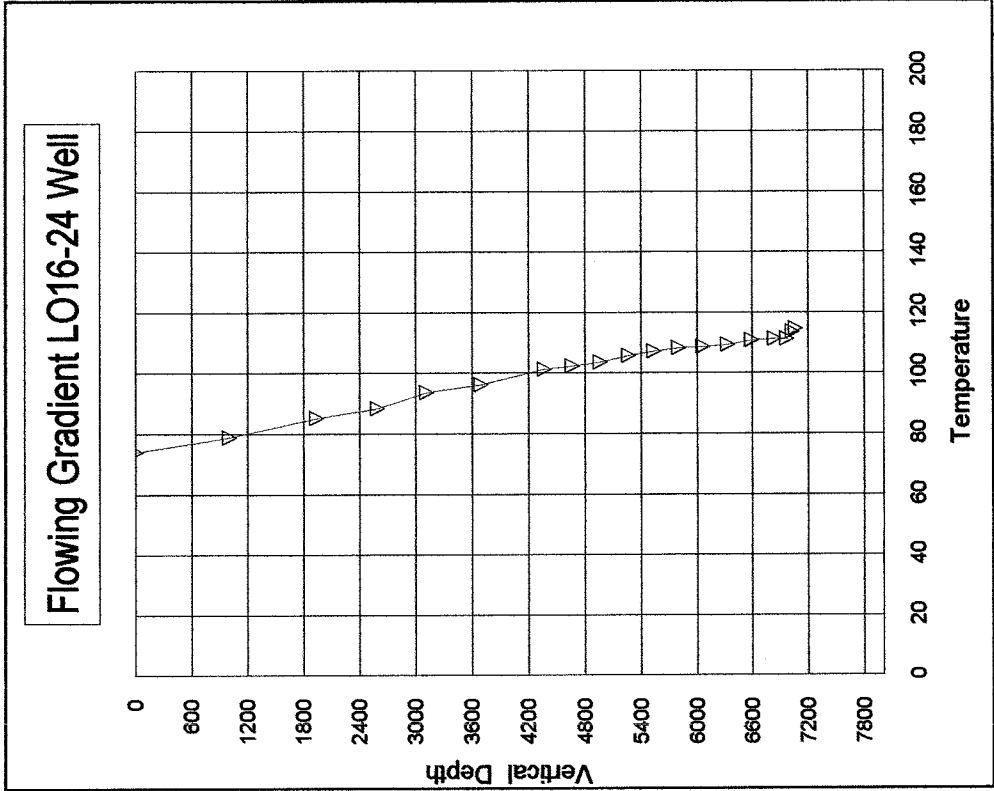
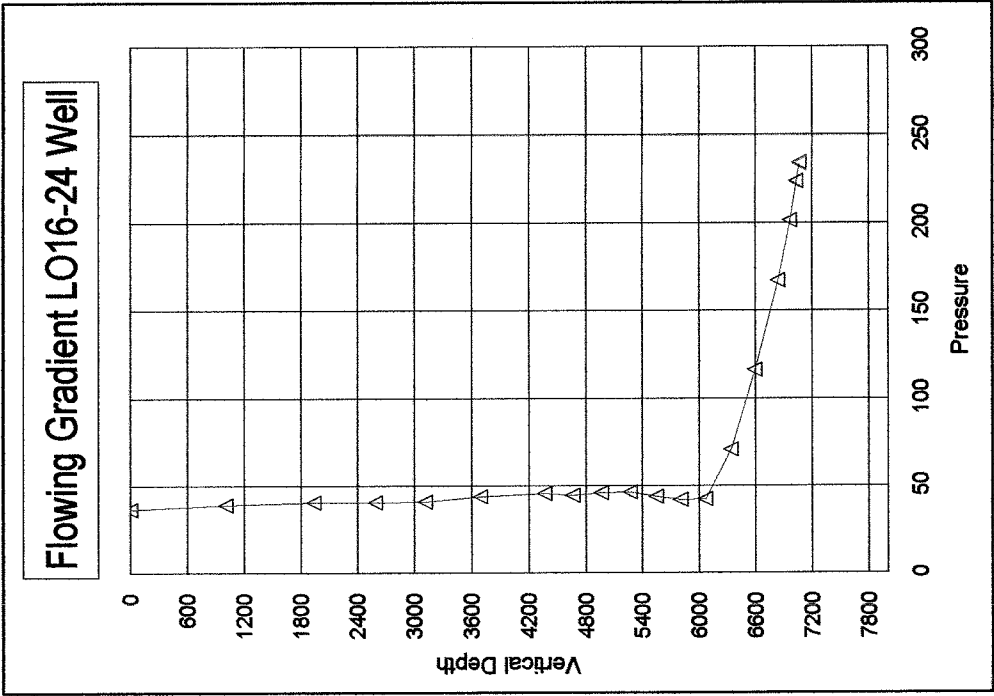
Date of Test	September 04th, 2004	
Formation	Basal Salina	'10086' - 9986')
Depth of gauges	9,950	M.D. ft
	7,062	V.D. ft
04 hrs. at Flowing Condition		
Flowing Pressure at 9950' MD	233.88	psia (Memory)
Flowing Temperature at 9950' MD	114.69	°F
Flowing Gradient at 9950' MD	0.0331	psi/ft
Oil level	8609	ft. MD
	6210	ft. VD
Oil Gradient	0.2236	psi/ft
Gas Gradient	0.0067	psi/ft

Remark:

Injeccion Cycle 60' x 6'
 System Pressure 900 - 940 psig
 Separator Pressure 20 - 25 psig
 Production for cycle 1.5 Bls (Floco)

Set and Security:

Personal Elements of Security: Complete.
 Flowpetrol workres cleaned location after job



Well LO16-24: Development Test

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
Activate Gauge s/n:91176				
09/04/2004	08:25:16	0	20.04	72.66
09/04/2004	08:25:17	0.00028	20.10	72.70
09/04/2004	08:25:18	0.00056	20.13	72.75
09/04/2004	08:25:19	0.00083	19.96	72.79
09/04/2004	08:25:20	0.00111	20.25	72.80
09/04/2004	08:25:21	0.00139	19.50	73.14
09/04/2004	08:25:22	0.00167	19.83	73.16
09/04/2004	08:25:23	0.00194	19.64	73.21
09/04/2004	08:25:24	0.00222	19.72	73.23
09/04/2004	08:25:25	0.00250	19.71	73.27
09/04/2004	08:25:26	0.00278	19.62	73.32
09/04/2004	08:25:27	0.00306	19.70	73.40
09/04/2004	08:25:28	0.00333	19.65	73.50
09/04/2004	08:25:29	0.00361	19.76	73.60
09/04/2004	08:25:30	0.00389	19.59	73.71
09/04/2004	08:25:31	0.00417	19.72	73.78
09/04/2004	08:25:32	0.00444	19.80	73.86
09/04/2004	08:25:33	0.00472	19.77	73.92
09/04/2004	08:25:34	0.00500	19.87	73.97
09/04/2004	08:25:35	0.00528	19.75	74.01
09/04/2004	08:25:36	0.00556	19.88	74.05
09/04/2004	08:25:37	0.00583	19.79	74.08
09/04/2004	08:25:38	0.00611	19.91	74.09
09/04/2004	08:25:39	0.00639	19.86	74.12
09/04/2004	08:25:40	0.00667	19.89	74.13
09/04/2004	08:25:41	0.00694	19.86	74.15
09/04/2004	08:25:42	0.00722	19.85	74.17
09/04/2004	08:25:43	0.00750	19.81	74.17
09/04/2004	08:25:44	0.00778	19.70	74.18
09/04/2004	08:25:45	0.00806	19.77	74.19
09/04/2004	08:25:46	0.00833	19.82	74.20
09/04/2004	08:25:47	0.00861	19.79	74.20
09/04/2004	08:25:48	0.00889	19.81	74.20
09/04/2004	08:25:49	0.00917	19.82	74.21
09/04/2004	08:25:50	0.00944	19.71	74.21
RIH Gauge				
09/04/2004	08:26:01	0.01250	19.78	74.22
09/04/2004	08:27:01	0.02917	19.93	75.41
09/04/2004	08:28:01	0.04583	19.87	74.54
09/04/2004	08:29:01	0.06250	19.77	73.39
09/04/2004	08:30:01	0.07917	19.72	72.62
09/04/2004	08:31:01	0.09583	21.54	72.39
09/04/2004	08:32:01	0.11250	46.63	71.69
09/04/2004	08:33:01	0.12917	47.68	68.62
09/04/2004	08:34:01	0.14583	46.33	70.25
09/04/2004	08:35:01	0.16250	44.59	73.45
09/04/2004	08:36:01	0.17917	43.72	76.75
09/04/2004	08:37:01	0.19583	43.58	79.70
09/04/2004	08:38:01	0.21250	43.98	82.47
09/04/2004	08:39:01	0.22917	44.79	85.05
09/04/2004	08:40:01	0.24583	45.75	87.39
09/04/2004	08:41:01	0.26250	46.67	89.80
09/04/2004	08:42:01	0.27917	47.91	92.45
09/04/2004	08:43:01	0.29583	47.86	95.58
09/04/2004	08:44:01	0.31250	47.83	98.10
09/04/2004	08:45:01	0.32917	46.76	101.02
09/04/2004	08:46:01	0.34583	47.24	104.14
09/04/2004	08:47:01	0.36250	92.87	106.59
09/04/2004	08:48:01	0.37917	154.07	108.04
09/04/2004	08:49:01	0.39583	193.24	109.38
Gauge at 9950'				
09/04/2004	08:50:01	0.41250	194.00	110.61
09/04/2004	08:51:01	0.42917	194.32	110.97
09/04/2004	08:52:01	0.44583	194.44	111.15
09/04/2004	08:53:01	0.46250	195.41	111.24
09/04/2004	08:54:01	0.47917	196.18	111.29
09/04/2004	08:55:01	0.49583	195.94	111.41
09/04/2004	08:56:01	0.51250	196.30	111.43
09/04/2004	08:57:01	0.52917	196.14	111.42
First injection				
09/04/2004	08:58:01	0.54583	209.00	113.49
09/04/2004	08:59:01	0.56250	257.95	113.97
09/04/2004	09:00:01	0.57917	334.71	114.03
09/04/2004	09:01:01	0.59583	390.73	114.05
09/04/2004	09:02:01	0.61250	490.10	114.07
09/04/2004	09:03:01	0.62917	534.56	114.11
09/04/2004	09:04:01	0.64583	553.23	114.15
09/04/2004	09:05:01	0.66250	557.64	114.19
09/04/2004	09:06:01	0.67917	553.02	114.26
09/04/2004	09:07:01	0.69583	536.42	114.29
09/04/2004	09:08:01	0.71250	503.99	114.31
09/04/2004	09:09:01	0.72917	458.43	114.31
09/04/2004	09:10:01	0.74583	414.21	114.32
09/04/2004	09:11:01	0.76250	368.16	114.32
09/04/2004	09:12:01	0.77917	320.33	114.33
09/04/2004	09:13:01	0.79583	275.95	114.35
09/04/2004	09:14:01	0.81250	244.22	114.41
09/04/2004	09:15:01	0.82917	219.80	114.35
09/04/2004	09:16:01	0.84583	198.38	114.01
09/04/2004	09:17:01	0.86250	182.10	113.64
09/04/2004	09:18:01	0.87917	178.72	113.68
09/04/2004	09:19:01	0.89583	179.63	114.10
09/04/2004	09:20:01	0.91250	178.93	114.28
09/04/2004	09:21:01	0.92917	176.96	114.39
09/04/2004	09:22:01	0.94583	176.07	114.45

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
09/04/2004	09:23:01	0.96250	176.13	114.52
09/04/2004	09:24:01	0.97917	176.55	114.57
09/04/2004	09:25:01	0.99583	177.84	114.61
09/04/2004	09:26:01	1.0125	179.73	114.63
09/04/2004	09:27:01	1.02917	181.53	114.65
09/04/2004	09:28:01	1.04583	183.97	114.67
09/04/2004	09:29:01	1.06250	186.51	114.69
09/04/2004	09:30:01	1.07917	189.22	114.70
09/04/2004	09:31:01	1.09583	191.48	114.72
09/04/2004	09:32:01	1.11250	193.14	114.73
09/04/2004	09:33:01	1.12917	194.28	114.74
09/04/2004	09:34:01	1.14583	194.95	114.74
09/04/2004	09:35:01	1.16250	196.01	114.75
09/04/2004	09:36:01	1.17917	196.88	114.76
09/04/2004	09:37:01	1.19583	197.91	114.76
09/04/2004	09:38:01	1.21250	199.24	114.76
09/04/2004	09:39:01	1.22917	200.63	114.76
09/04/2004	09:40:01	1.24583	202.08	114.77
09/04/2004	09:41:01	1.26250	203.10	114.77
09/04/2004	09:42:01	1.27917	205.01	114.77
09/04/2004	09:43:01	1.29583	205.93	114.77
09/04/2004	09:44:01	1.31250	206.61	114.76
09/04/2004	09:45:01	1.32917	206.91	114.76
09/04/2004	09:46:01	1.34583	206.55	114.75
09/04/2004	09:47:01	1.36250	207.63	114.74
09/04/2004	09:48:01	1.37917	209.02	114.73
09/04/2004	09:49:01	1.39583	210.18	114.72
09/04/2004	09:50:01	1.41250	211.14	114.70
09/04/2004	09:51:01	1.42917	211.09	114.69
09/04/2004	09:52:01	1.44583	211.62	114.68
09/04/2004	09:53:01	1.46250	212.58	114.66
09/04/2004	09:54:01	1.47917	213.64	114.66
09/04/2004	09:55:01	1.49583	213.55	114.65
09/04/2004	09:56:01	1.51250	214.36	114.65
Second injection				
09/04/2004	09:57:01	1.52917	215.26	114.64
09/04/2004	09:58:01	1.54583	278.81	114.61
09/04/2004	09:59:01	1.56250	348.06	114.61
09/04/2004	10:00:01	1.57917	411.48	114.63
09/04/2004	10:01:01	1.59583	506.16	114.64
09/04/2004	10:02:01	1.61250	549.85	114.65
09/04/2004	10:03:01	1.62917	576.56	114.66
09/04/2004	10:04:01	1.64583	585.34	114.68
09/04/2004	10:05:01	1.66250	584.58	114.69
09/04/2004	10:06:01	1.67917	576.65	114.70
09/04/2004	10:07:01	1.69583	557.99	114.70
09/04/2004	10:08:01	1.71250	523.19	114.71
09/04/2004	10:09:01	1.72917	474.66	114.71
09/04/2004	10:10:01	1.74583	425.01	114.71
09/04/2004	10:11:01	1.76250	379.03	114.71
09/04/2004	10:12:01	1.77917	330.63	114.72
09/04/2004	10:13:01	1.79583	282.16	114.73
09/04/2004	10:14:01	1.81250	248.00	114.77
09/04/2004	10:15:01	1.82917	221.03	114.67
09/04/2004	10:16:01	1.84583	196.89	114.23
09/04/2004	10:17:01	1.86250	178.61	113.77
09/04/2004	10:18:01	1.87917	171.89	113.64
09/04/2004	10:19:01	1.89583	174.49	114.05
09/04/2004	10:20:01	1.91250	174.65	114.25
09/04/2004	10:21:01	1.92917	173.42	114.35
09/04/2004	10:22:01	1.94583	172.80	114.42
09/04/2004	10:23:01	1.96250	173.17	114.48
09/04/2004	10:24:01	1.97917	174.13	114.54
09/04/2004	10:25:01	1.99583	175.68	114.58
09/04/2004	10:26:01	2.01250	177.79	114.61
09/04/2004	10:27:01	2.02917	179.77	114.63
09/04/2004	10:28:01	2.04583	181.90	114.65
09/04/2004	10:29:01	2.06250	183.77	114.67
09/04/2004	10:30:01	2.07917	185.46	114.69
09/04/2004	10:31:01	2.09583	187.23	114.71
09/04/2004	10:32:01	2.11250	189.08	114.72
09/04/2004	10:33:01	2.12917	190.56	114.73
09/04/2004	10:34:01	2.14583	192.20	114.74
09/04/2004	10:35:01	2.16250	193.91	114.76
09/04/2004	10:36:01	2.17917	195.40	114.77
09/04/2004	10:37:01	2.19583	196.85	114.77
09/04/2004	10:38:01	2.21250	198.68	114.78
09/04/2004	10:39:01	2.22917	200.18	114.79
09/04/2004	10:40:01	2.24583	201.39	114.79
09/04/2004	10:41:01	2.26250	202.44	114.80
09/04/2004	10:42:01	2.27917	204.32	114.79
09/04/2004	10:43:01	2.29583	205.52	114.80
09/04/2004	10:44:01	2.31250	206.00	114.80
09/04/2004	10:45:01	2.32917	206.28	114.80
09/04/2004	10:46:01	2.34583	206.34	114.79
09/04/2004	10:47:01	2.36250	206.67	114.78
09/04/2004	10:48:01	2.37917	206.46	114.77
09/04/2004	10:49:01	2.39583	206.33	114.76
09/04/2004	10:50:01	2.41250	205.89	114.74
09/04/2004	10:51:01	2.42917	205.66	114.73
09/04/2004	10:52:01	2.44583	206.26	114.71
09/04/2004	10:53:01	2.46250	207.50	114.70
09/04/2004	10:54:01	2.47917	208.05	114.70
09/04/2004	10:55:01	2.49583	208.17	114.68
09/04/2004	10:56:01	2.51250	209.00	114.67
Thirst injection				

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
09/04/2004	10:57:01	2.52917	210.38	114.66
09/04/2004	10:58:01	2.54583	266.85	114.61
09/04/2004	10:59:01	2.56250	338.75	114.60
09/04/2004	11:00:01	2.57917	386.53	114.61
09/04/2004	11:01:01	2.59583	486.95	114.63
09/04/2004	11:02:01	2.61250	535.93	114.64
09/04/2004	11:03:01	2.62917	563.83	114.65
09/04/2004	11:04:01	2.64583	572.77	114.66
09/04/2004	11:05:01	2.66250	572.32	114.68
09/04/2004	11:06:01	2.67917	584.52	114.7
09/04/2004	11:07:01	2.69583	545.21	114.71
09/04/2004	11:08:01	2.71250	511.54	114.72
09/04/2004	11:09:01	2.72917	465.78	114.73
09/04/2004	11:10:01	2.74583	420.96	114.73
09/04/2004	11:11:01	2.76250	377.17	114.73
09/04/2004	11:12:01	2.77917	329.52	114.73
09/04/2004	11:13:01	2.79583	284.49	114.73
09/04/2004	11:14:01	2.81250	250.16	114.74
09/04/2004	11:15:01	2.82917	226.48	114.72
09/04/2004	11:16:01	2.84583	203.76	114.37
09/04/2004	11:17:01	2.86250	186.05	113.97
09/04/2004	11:18:01	2.87917	174.76	113.66
09/04/2004	11:19:01	2.89583	177.55	114.02
09/04/2004	11:20:01	2.91250	178.19	114.25
09/04/2004	11:21:01	2.92917	176.95	114.37
09/04/2004	11:22:01	2.94583	175.95	114.43
09/04/2004	11:23:01	2.96250	176.26	114.48
09/04/2004	11:24:01	2.97917	176.53	114.54
09/04/2004	11:25:01	2.99583	177.63	114.58
09/04/2004	11:26:01	3.01250	178.90	114.61
09/04/2004	11:27:01	3.02917	180.82	114.63
09/04/2004	11:28:01	3.04583	183.26	114.65
09/04/2004	11:29:01	3.06250	184.77	114.67
09/04/2004	11:30:01	3.07917	186.37	114.69
09/04/2004	11:31:01	3.09583	188.07	114.70
09/04/2004	11:32:01	3.11250	189.96	114.71
09/04/2004	11:33:01	3.12917	192.45	114.73
09/04/2004	11:34:01	3.14583	194.50	114.74
09/04/2004	11:35:01	3.16250	196.29	114.76
09/04/2004	11:36:01	3.17917	198.52	114.76
09/04/2004	11:37:01	3.19583	200.67	114.77
09/04/2004	11:38:01	3.21250	202.69	114.78
09/04/2004	11:39:01	3.22917	204.39	114.79
09/04/2004	11:40:01	3.24583	205.79	114.79
09/04/2004	11:41:01	3.26250	207.10	114.79
09/04/2004	11:42:01	3.27917	208.70	114.79
09/04/2004	11:43:01	3.29583	210.00	114.79
09/04/2004	11:44:01	3.31250	210.63	114.79
09/04/2004	11:45:01	3.32917	211.00	114.79
09/04/2004	11:46:01	3.34583	211.44	114.78
09/04/2004	11:47:01	3.36250	211.69	114.77
09/04/2004	11:48:01	3.37917	211.70	114.76
09/04/2004	11:49:01	3.39583	211.75	114.73
09/04/2004	11:50:01	3.41250	211.52	114.71
09/04/2004	11:51:01	3.42917	211.54	114.70
09/04/2004	11:52:01	3.44583	212.42	114.68
09/04/2004	11:53:01	3.46250	213.51	114.68
09/04/2004	11:54:01	3.47917	214.10	114.67
09/04/2004	11:55:01	3.49583	214.00	114.67
09/04/2004	11:56:01	3.51250	214.93	114.67

Fourt injection

09/04/2004	11:57:01	3.52917	216.02	114.66
09/04/2004	11:58:01	3.54583	271.25	114.64
09/04/2004	11:59:01	3.56250	343.96	114.64
09/04/2004	12:00:01	3.57917	390.97	114.66
09/04/2004	12:01:01	3.59583	491.79	114.66
09/04/2004	12:02:01	3.61250	540.27	114.68
09/04/2004	12:03:01	3.62917	566.84	114.69
09/04/2004	12:04:01	3.64583	575.93	114.71
09/04/2004	12:05:01	3.66250	575.49	114.73
09/04/2004	12:06:01	3.67917	566.77	114.73
09/04/2004	12:07:01	3.69583	546.02	114.74
09/04/2004	12:08:01	3.71250	510.26	114.74
09/04/2004	12:09:01	3.72917	463.91	114.74
09/04/2004	12:10:01	3.74583	421.63	114.74
09/04/2004	12:11:01	3.76250	379.49	114.74
09/04/2004	12:12:01	3.77917	333.44	114.75
09/04/2004	12:13:01	3.79583	288.55	114.76
09/04/2004	12:14:01	3.81250	253.78	114.77
09/04/2004	12:15:01	3.82917	229.36	114.76
09/04/2004	12:16:01	3.84583	206.70	114.41

Cut injection

09/04/2004	12:17:01	3.86250	188.75	114.00
09/04/2004	12:18:01	3.87917	175.11	113.67
09/04/2004	12:19:01	3.89583	175.32	113.86
09/04/2004	12:20:01	3.91250	176.44	114.17
09/04/2004	12:21:01	3.92917	175.95	114.31
09/04/2004	12:22:01	3.94583	174.99	114.38
09/04/2004	12:23:01	3.96250	175.06	114.43
09/04/2004	12:24:01	3.97917	175.42	114.48
09/04/2004	12:25:01	3.99583	176.36	114.52
09/04/2004	12:26:01	4.01250	177.77	114.56
09/04/2004	12:27:01	4.02917	180.04	114.59
09/04/2004	12:28:01	4.04583	182.33	114.61
09/04/2004	12:29:01	4.06250	184.38	114.63
09/04/2004	12:30:01	4.07917	185.96	114.65
09/04/2004	12:31:01	4.09583	187.95	114.67
09/04/2004	12:32:01	4.11250	190.09	114.68
09/04/2004	12:33:01	4.12917	192.13	114.70
09/04/2004	12:34:01	4.14583	193.79	114.71

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
09/04/2004	12:35:01	4.16250	195.15	114.73
09/04/2004	12:36:01	4.17917	196.14	114.74
09/04/2004	12:37:01	4.19583	197.34	114.75
09/04/2004	12:38:01	4.21250	199.19	114.75
09/04/2004	12:39:01	4.22917	201.10	114.76
09/04/2004	12:40:01	4.24583	202.24	114.77
09/04/2004	12:41:01	4.26250	203.41	114.77
09/04/2004	12:42:01	4.27917	205.01	114.77
09/04/2004	12:43:01	4.29583	206.4	114.77
09/04/2004	12:44:01	4.31250	206.69	114.78
09/04/2004	12:45:01	4.32917	207.03	114.77
09/04/2004	12:46:01	4.34583	207.13	114.76
09/04/2004	12:47:01	4.36250	207.48	114.75
09/04/2004	12:48:01	4.37917	207.60	114.75
09/04/2004	12:49:01	4.39583	207.80	114.73
09/04/2004	12:50:01	4.41250	207.55	114.72
09/04/2004	12:51:01	4.42917	207.28	114.71
09/04/2004	12:52:01	4.44583	208.08	114.69
09/04/2004	12:53:01	4.46250	209.29	114.68
09/04/2004	12:54:01	4.47917	209.96	114.66
09/04/2004	12:55:01	4.49583	209.81	114.66
09/04/2004	12:56:01	4.51250	210.57	114.64
09/04/2004	12:57:01	4.52917	211.37	114.64
09/04/2004	12:58:01	4.54583	212.16	114.63
09/04/2004	12:59:01	4.56250	212.67	114.63
09/04/2004	13:00:01	4.57917	213.61	114.63
09/04/2004	13:01:01	4.59583	213.76	114.63
09/04/2004	13:02:01	4.61250	213.45	114.63
09/04/2004	13:03:01	4.62917	212.87	114.63
09/04/2004	13:04:01	4.64583	212.21	114.62
09/04/2004	13:05:01	4.66250	211.75	114.61
09/04/2004	13:06:01	4.67917	211.25	114.60
09/04/2004	13:07:01	4.69583	211.45	114.60
09/04/2004	13:08:01	4.71250	212.12	114.59
09/04/2004	13:09:01	4.72917	212.90	114.59
09/04/2004	13:10:01	4.74583	213.55	114.59
09/04/2004	13:11:01	4.76250	214.37	114.58
09/04/2004	13:12:01	4.77917	214.24	114.59
09/04/2004	13:13:01	4.79583	214.10	114.59
09/04/2004	13:14:01	4.81250	213.93	114.58
09/04/2004	13:15:01	4.82917	213.69	114.58
09/04/2004	13:16:01	4.84583	213.43	114.58
09/04/2004	13:17:01	4.86250	213.24	114.58
09/04/2004	13:18:01	4.87917	213.06	114.59
09/04/2004	13:19:01	4.89583	213.73	114.60
09/04/2004	13:20:01	4.91250	214.13	114.62
09/04/2004	13:21:01	4.92917	214.83	114.62
09/04/2004	13:22:01	4.94583	215.88	114.63
09/04/2004	13:23:01	4.96250	216.64	114.63
09/04/2004	13:24:01	4.97917	217.67	114.63
09/04/2004	13:25:01	4.99583	218.54	114.63
09/04/2004	13:26:01	5.01250	219.22	114.63
09/04/2004	13:27:01	5.02917	220.08	114.63
09/04/2004	13:28:01	5.04583	221.12	114.63
09/04/2004	13:29:01	5.06250	221.82	114.63
09/04/2004	13:30:01	5.07917	222.16	114.63
09/04/2004	13:31:01	5.09583	221.75	114.64
09/04/2004	13:32:01	5.11250	221.40	114.64
09/04/2004	13:33:01	5.12917	221.08	114.63
09/04/2004	13:34:01	5.14583	220.71	114.63
09/04/2004	13:35:01	5.16250	220.56	114.63
09/04/2004	13:36:01	5.17917	220.25	114.62
09/04/2004	13:37:01	5.19583	220.14	114.62
09/04/2004	13:38:01	5.21250	220.61	114.61
09/04/2004	13:39:01	5.22917	221.02	114.61
09/04/2004	13:40:01	5.24583	221.18	114.61
09/04/2004	13:41:01	5.26250	221.58	114.61
09/04/2004	13:42:01	5.27917	222.28	114.60
09/04/2004	13:43:01	5.29583	222.31	114.61
09/04/2004	13:44:01	5.31250	222.12	114.61
09/04/2004	13:45:01	5.32917	221.69	114.60
09/04/2004	13:46:01	5.34583	221.31	114.60
09/04/2004	13:47:01	5.36250	220.84	114.60
09/04/2004	13:48:01	5.37917	220.55	114.59
09/04/2004	13:49:01	5.39583	220.19	114.59
09/04/2004	13:50:01	5.41250	219.64	114.59
09/04/2004	13:51:01	5.42917	219.52	114.60
09/04/2004	13:52:01	5.44583	220.25	114.60
09/04/2004	13:53:01	5.46250	221.28	114.61
09/04/2004	13:54:01	5.47917	221.81	114.61
09/04/2004	13:55:01	5.49583	221.29	114.62
09/04/2004	13:56:01	5.51250	222.17	114.62

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)	Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
09/04/2004	14:15:01	5.82917	222.98	114.65	Step at 9900'				
09/04/2004	14:16:01	5.84583	222.93	114.66	09/04/2004	15:53:01	7.46250	233.85	114.68
09/04/2004	14:17:01	5.86250	222.95	114.67	09/04/2004	15:54:01	7.47917	223.81	113.71
09/04/2004	14:18:01	5.87917	223.26	114.69	09/04/2004	15:55:01	7.49583	223.66	113.19
09/04/2004	14:19:01	5.89583	224.07	114.70	09/04/2004	15:56:01	7.51250	223.82	113.06
09/04/2004	14:20:01	5.91250	224.53	114.70	Step at 9800'				
09/04/2004	14:21:01	5.92917	225.20	114.71	09/04/2004	15:57:01	7.52917	216.54	112.88
09/04/2004	14:22:01	5.94583	225.88	114.71	09/04/2004	15:58:01	7.54583	201.13	111.44
09/04/2004	14:23:01	5.9625	226.67	114.7	09/04/2004	15:59:01	7.56250	201.52	111.28
09/04/2004	14:24:01	5.97917	227.45	114.7	09/04/2004	16:00:01	7.57917	201.41	111.22
09/04/2004	14:25:01	5.99583	228.16	114.70	Step at 9600'				
09/04/2004	14:26:01	6.01250	228.87	114.70	09/04/2004	16:01:01	7.59583	168.72	111.29
09/04/2004	14:27:01	6.02917	229.61	114.70	09/04/2004	16:02:01	7.6125	167.33	111.39
09/04/2004	14:28:01	6.04583	230.29	114.70	09/04/2004	16:03:01	7.62917	166.81	111.36
09/04/2004	14:29:01	6.06250	230.92	114.70	09/04/2004	16:04:01	7.64583	166.84	111.34
09/04/2004	14:30:01	6.07917	231.40	114.70	Step at 9200'				
09/04/2004	14:31:01	6.09583	230.95	114.71	09/04/2004	16:05:01	7.66250	120.29	111.28
09/04/2004	14:32:01	6.11250	230.41	114.71	09/04/2004	16:06:01	7.67917	116.23	110.95
09/04/2004	14:33:01	6.12917	230.09	114.71	09/04/2004	16:07:01	7.69583	116.73	110.81
09/04/2004	14:34:01	6.14583	229.81	114.70	09/04/2004	16:08:01	7.71250	116.96	110.75
09/04/2004	14:35:01	6.16250	229.65	114.70	Step at 8800'				
09/04/2004	14:36:01	6.17917	230.05	114.69	09/04/2004	16:09:01	7.72917	96.71	110.66
09/04/2004	14:37:01	6.19583	230.71	114.69	09/04/2004	16:10:01	7.74583	70.93	109.83
09/04/2004	14:38:01	6.21250	231.36	114.69	09/04/2004	16:11:01	7.76250	70.85	109.43
09/04/2004	14:39:01	6.22917	231.97	114.69	09/04/2004	16:12:01	7.77917	70.79	109.28
09/04/2004	14:40:01	6.24583	232.65	114.69	Step at 8400'				
09/04/2004	14:41:01	6.26250	233.21	114.69	09/04/2004	16:13:01	7.79583	57.96	109.14
09/04/2004	14:42:01	6.27917	233.80	114.69	09/04/2004	16:14:01	7.81250	42.98	108.76
09/04/2004	14:43:01	6.29583	233.33	114.69	09/04/2004	16:15:01	7.82917	42.39	108.69
09/04/2004	14:44:01	6.31250	232.72	114.69	09/04/2004	16:16:01	7.84583	41.89	108.60
09/04/2004	14:45:01	6.32917	232.06	114.69	09/04/2004	16:17:01	7.86250	40.95	108.51
09/04/2004	14:46:01	6.34583	231.43	114.68	Step at 8000'				
09/04/2004	14:47:01	6.36250	230.82	114.68	09/04/2004	16:18:01	7.87917	41.44	108.51
09/04/2004	14:48:01	6.37917	230.29	114.67	09/04/2004	16:19:01	7.89583	41.90	108.34
09/04/2004	14:49:01	6.39583	229.71	114.67	09/04/2004	16:20:01	7.91250	42.04	108.15
09/04/2004	14:50:01	6.41250	228.83	114.66	09/04/2004	16:21:01	7.92917	42.85	108.04
09/04/2004	14:51:01	6.42917	228.52	114.65	Step at 7600'				
09/04/2004	14:52:01	6.44583	228.35	114.65	09/04/2004	16:22:01	7.94583	43.35	107.85
09/04/2004	14:53:01	6.46250	229.19	114.64	09/04/2004	16:23:01	7.96250	44.03	107.35
09/04/2004	14:54:01	6.47917	228.87	114.64	09/04/2004	16:24:01	7.97917	44.77	107.00
09/04/2004	14:55:01	6.49583	228.44	114.64	09/04/2004	16:25:01	7.99583	45.44	106.76
09/04/2004	14:56:01	6.51250	228.33	114.64	Step at 7200'				
09/04/2004	14:57:01	6.52917	228.67	114.63	09/04/2004	16:26:01	8.01250	45.95	106.38
09/04/2004	14:58:01	6.54583	229.22	114.63	09/04/2004	16:27:01	8.02917	46.47	105.87
09/04/2004	14:59:01	6.56250	229.32	114.63	09/04/2004	16:28:01	8.04583	47.16	105.42
09/04/2004	15:00:01	6.57917	229.93	114.63	09/04/2004	16:29:01	8.06250	47.68	105.09
09/04/2004	15:01:01	6.59583	230.74	114.63	09/04/2004	16:30:01	8.07917	47.03	104.73
09/04/2004	15:02:01	6.61250	231.22	114.63	Step at 6800'				
09/04/2004	15:03:01	6.62917	231.05	114.64	09/04/2004	16:31:01	8.09583	46.40	104.19
09/04/2004	15:04:01	6.64583	230.37	114.64	09/04/2004	16:32:01	8.11250	45.91	103.76
09/04/2004	15:05:01	6.66250	229.69	114.64	09/04/2004	16:33:01	8.12917	45.77	103.47
09/04/2004	15:06:01	6.67917	229.26	114.64	09/04/2004	16:34:01	8.14583	45.12	103.10
09/04/2004	15:07:01	6.69583	229.10	114.64	Step at 6400'				
09/04/2004	15:08:01	6.71250	229.12	114.64	09/04/2004	16:35:01	8.16250	44.76	102.37
09/04/2004	15:09:01	6.72917	229.18	114.65	09/04/2004	16:36:01	8.17917	45.09	101.95
09/04/2004	15:10:01	6.74583	228.94	114.66	09/04/2004	16:37:01	8.19583	45.55	101.64
09/04/2004	15:11:01	6.76250	229.50	114.66	09/04/2004	16:38:01	8.21250	45.79	101.30
09/04/2004	15:12:01	6.77917	229.57	114.67	Step at 6000'				
09/04/2004	15:13:01	6.79583	229.47	114.68	09/04/2004	16:39:01	8.22917	45.82	100.71
09/04/2004	15:14:01	6.81250	229.35	114.69	09/04/2004	16:40:01	8.24583	46.08	100.25
09/04/2004	15:15:01	6.82917	229.41	114.70	09/04/2004	16:41:01	8.26250	46.73	99.93
09/04/2004	15:16:01	6.84583	229.37	114.71	09/04/2004	16:42:01	8.27917	47.33	99.68
09/04/2004	15:17:01	6.86250	229.29	114.71	Step at 5000'				
09/04/2004	15:18:01	6.87917	229.54	114.72	09/04/2004	16:43:01	8.29583	46.17	99.04
09/04/2004	15:19:01	6.89583	230.37	114.72	09/04/2004	16:44:01	8.31250	45.41	97.76
09/04/2004	15:20:01	6.91250	230.41	114.73	09/04/2004	16:45:01	8.32917	44.70	96.93
09/04/2004	15:21:01	6.92917	231.22	114.73	09/04/2004	16:46:01	8.34583	43.96	96.29
09/04/2004	15:22:01	6.94583	231.95	114.73	09/04/2004	16:47:01	8.36250	43.07	95.75
09/04/2004	15:23:01	6.96250	232.62	114.73	Step at 4000'				
09/04/2004	15:24:01	6.97917	233.27	114.73	09/04/2004	16:48:01	8.37917	41.86	94.75
09/04/2004	15:25:01	6.99583	233.99	114.73	09/04/2004	16:49:01	8.39583	41.05	93.70
09/04/2004	15:26:01	7.01250	234.68	114.72	09/04/2004	16:50:01	8.41250	40.14	92.82
09/04/2004	15:27:01	7.02917	235.39	114.72	09/04/2004	16:51:01	8.42917	40.40	92.26
09/04/2004	15:28:01	7.04583	235.97	114.73	09/04/2004	16:52:01	8.44583	40.68	91.45
09/04/2004	15:29:01	7.06250	236.68	114.73	Step at 3000'				
09/04/2004	15:30:01	7.07917	236.93	114.73	09/04/2004	16:53:01	8.46250	41.01	90.20
09/04/2004	15:31:01	7.09583	236.61	114.73	09/04/2004	16:54:01	8.47917	40.23	89.12
09/04/2004	15:32:01	7.11250	236.31	114.73	09/04/2004	16:55:01	8.49583	40.70	88.48
09/04/2004	15:33:01	7.12917	236.20	114.73	Step at 2000'				
09/04/2004	15:34:01	7.14583	235.86	114.73	09/04/2004	16:56:01	8.51250	41.03	87.84
09/04/2004	15:35:01	7.16250	235.47	114.72	09/04/2004	16:57:01	8.52917	41.12	86.37
09/04/2004	15:36:01	7.17917	234.43	114.72	09/04/2004	16:58:01	8.54583	40.46	85.28
09/04/2004	15:37:01	7.19583	234.20	114.72	09/04/2004	16:59:01	8.56250	41.24	84.51
09/04/2004	15:38:01	7.21250	234.42	114.71	09/04/2004	17:00:01	8.57917	41.91	84.06
09/04/2004	15:39:01	7.22917	235.03	114.71	Step at 1000'				
09/04/2004	15:40:01	7.24583	235.54	114.71	09/04/2004	17:01:01	8.59583	40.71	82.56
09/04/2004	15:41:01	7.26250	236.35	114.71	09/04/2004	17:02:01	8.61250	39.96	80.52
09/04/2004	15:42:01	7.27917	236.89	114.71	09/04/2004	17:03:01	8.62917	39.08	79.02
09/04/2004	15:43:01	7.29583	237.33	114.71	09/04/2004	17:04:01	8.64583	38.22	77.89
09/04/2004	15:44:01	7.31250	236.96	114.71	09/04/2004	17:05:01	8.66250	37.03	76.85
09/04/2004	15:45:01	7.32917	236.44	114.71	Step at 0'				
09/04/2004	15:46:01	7.34583	235.86	114.71	09/04/2004	17:06:01	8.67917	36.47	74.69
09/04/2004	15:47:01	7.36250	235.64	114.70	09/04/2004	17:07:01	8.69583	36.51	74.13
09/04/2004	15:48:01	7.37917	235.35	114.70	09/04/2004	17:08:01	8.71250	36.76	74.19
09/04/2004	15:49:01	7.39583	234.63	114.70	09/04/2004	17:09:01	8.72917	36.48	74.15
09/04/2004	15:50:01	7.41250	233.88	114.69	09/04/2004	17:10:01	8.74583	37.05	74.06
POOH Gauge					09/04/2004	17:11:01	8.76250	19.54	73.92
09/04/2004	15:51:01	7.42917	233.77	114.68	09/04/2004	17:12:01	8.77917	19.54	73.69
09/04/2004	15:52:01	7.44583	234.22	114.68	09/04/2004	17:13:01	8.79583	19.49	72.81
					Desactivate				