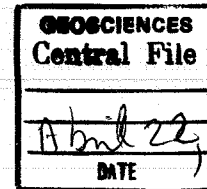


FLOWPETROL S.A.

Well file

LO6-9X



STATIC & FLOWING GRADIENT TEST

FIELD: LOBITOS OFFSHORE

NOVEMBER 25th, 2003

Well Test Data

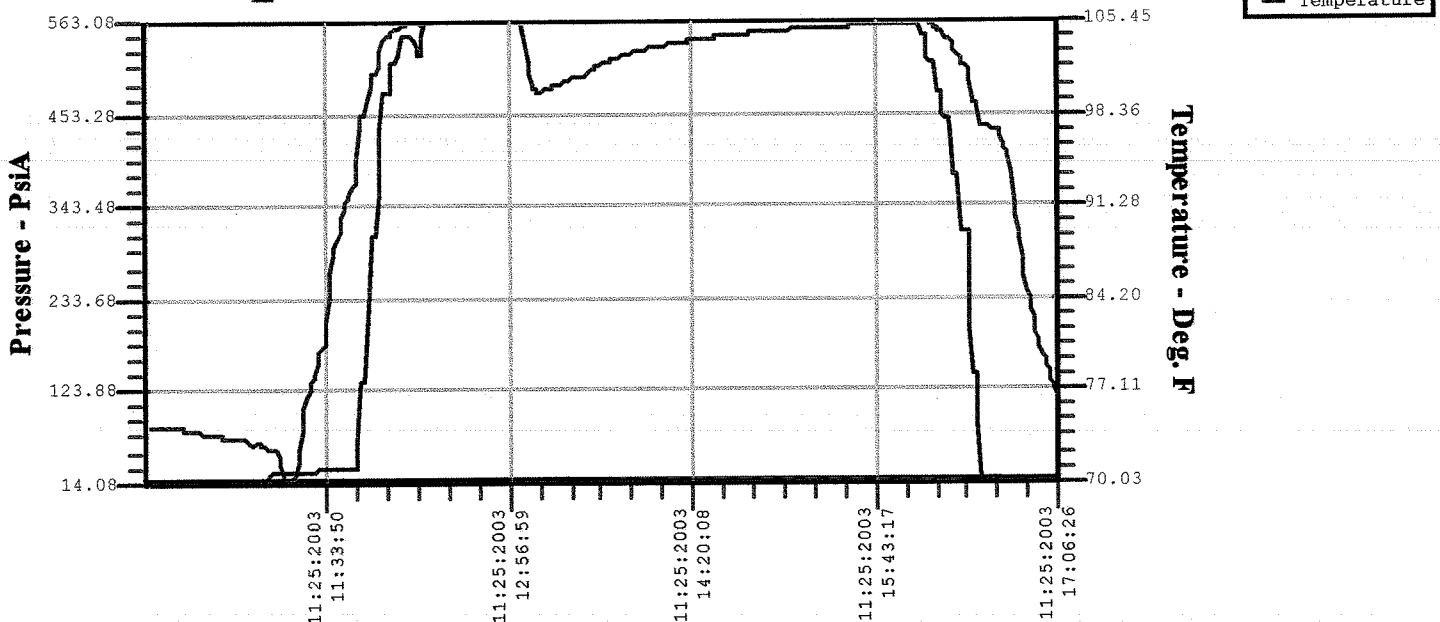
Test name: LO6-9X

Company: FLOWPETROL S.A.
Client: PETRO-TECH PERUANA S.A.
Gauge number: 91176
Well name: LO6-9X
Well number: 9
Test number: 057
Field name: LOBITOS OFFSHORE
County: TALARA
State: PIURA
Date of test: NOVEMBER 25 TH, 2003
Type of test: STATIC AND FLOWING GRADIENT
Well status: SHUT IN
BHP on bottom: 563.08 PSIA (STATIC)
BHP off bottom: 560.73 PSIA (FLOWING)
Bottom gauge number: 91176
Starting tubing pressure: 10 PSIG
Starting casing pressure: 200 PSIG
Ending tubing pressure: 0 PSIG
Ending casing pressure: 25 PSIG
Depth of tool: 6760'
Surface elevation: -
Tool zero point: -
Tubing size: 2 3/8"
Bottom hole temperature: 105.45 deg F

Test operator: ENG. MARCIAL CÁCERES

Comments:

Temperature / Pressure Data



FLOWPETROL S.A. **STATIC & FLOWING GRADIENT TEST**

Field : Lobitos Offshore
 Well : LO6-9x

Sand(s) : Lower Mogollon, Rio Bravo
 Interval(s) : (6995' - 6380'), (5717' - 3880')

At Static Condition
 Press. Tubing= 10 psig
 Press. Ann.= 200 psig

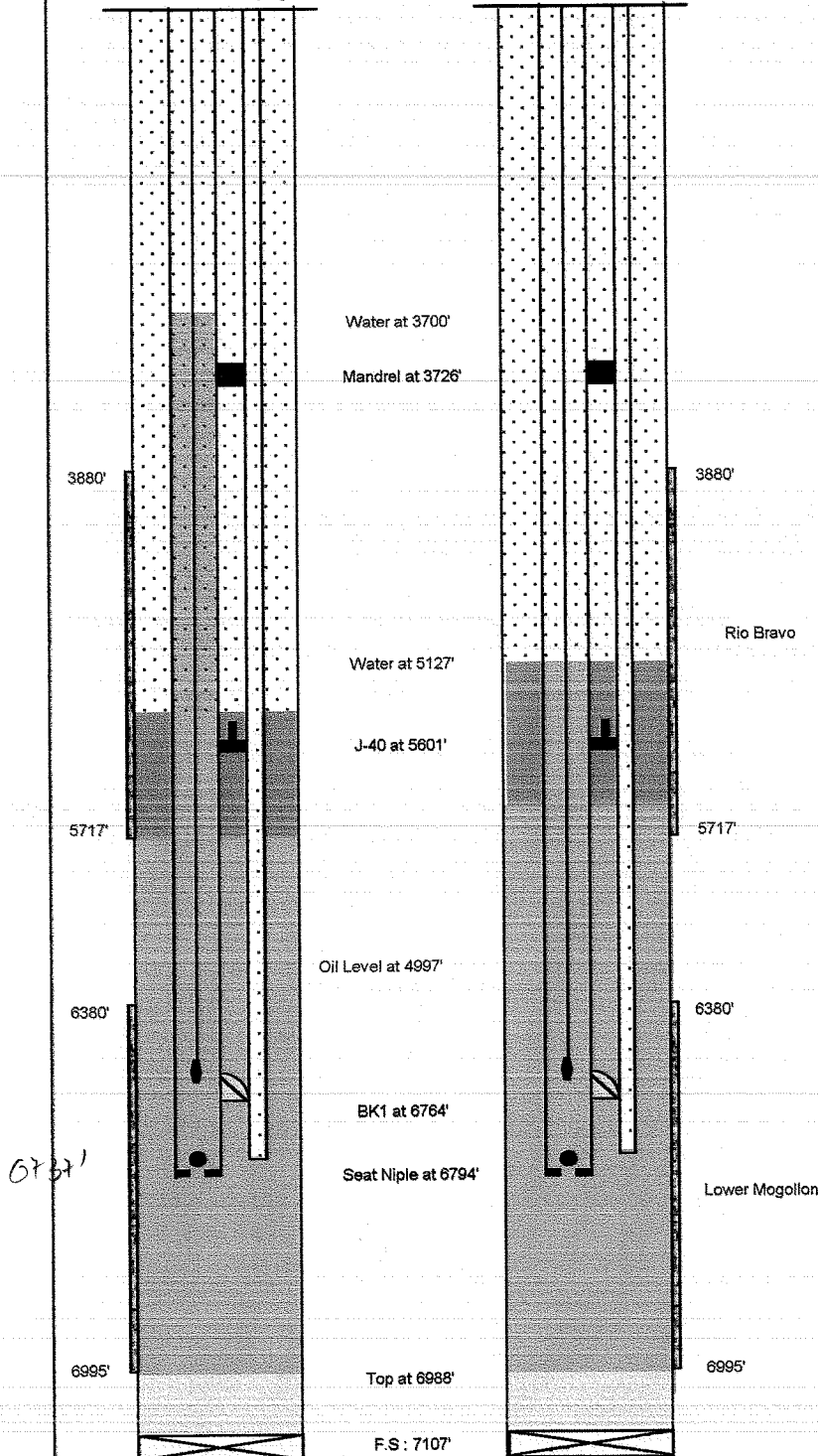
At Flowing Condition
 Press. Tubing= 0 psig
 Press. Ann.= 25 psig

Well Status : Shut in
 Installation : BLT
 Production (BOPD) : - (October, 2003)
 Cumul. (STB) : - (October, 2003)

FIELD REPORT :

November 25th, 2003

08:00 Rig up
 09:50 Dead weight at 6794' (Seat Nipple)
 10:11 Activate Memory Gauges FPT
 11:10 RIH Gauges with steps as follows:
 0' - 1500' - 3000' - 4500' - 5500' - 6000' - 6500'
 6600' - 6700' - 6760'.
 12:18 Gauges at 6760' x 01 hr.
 P(Tubing) = 10 psig
 P(Annulus) = 200 psig
 13:02 Bleed off well for tubing and annulus.
 16:04 POOH Gauges with steps at follows:
 6760' - 6700' - 6600' - 6500' - 6400' - 6200'
 6000' - 5500' - 5000' - 4000' - 3000' - 1500'
 0'
 P(tubing) = 0 psig
 P(annulus) = 25 psig
 16:53 Gauges in Lubricator
 17:06 Desactivate.
 18:00 Rig Down.



0.1
 Level / - 3696' VD (4518' MD)
 MPP / 0.144
 R. Bravo / 4799' MD (3915' VD) → 85 psi (0.022 psi/c)
 Water / 4440' VD (5519' MD)
 MPP / 6688' MD (5383' VD)
 MOC / 0.411
 Pressure / 6760' MD (5440' VD) → 503 psi

R. Bravo: $503 - (397 + 81) = 503 - 478 = 85 \text{ psi}$

MOC: $503 - (20) = 537 \text{ psi}$ (0.101 psi/c)

Field Operator : Jorge Sanjinez

Field Supervisor : Marcial Cáceres

Summary of Results Well: LO6-9X

Date of Test	November 25th, 2003	
Formation	Rio Bravo	(5717' - 3880')
	Lower Mogollon	(6995' - 6380')
Depth of gauges	6,760	M.D. ft
	5,440	V.D. ft
<u>01 hr. at Static Condition</u>		
Well Head Pressure (Tubing)	10.00	psig (Manometer)
Well Head Pressure (Annulus)	200.00	psig (Manometer)
Static Pressure at 6760' MD	563.08	psia (Memory)
Static Temperature at 6760' MD	105.45	°F
Gradient at 6760' MD	0.1035	psi/ft
Water level	3700	ft. MD
	3039	ft. VD
Water Gradient	0.4377	psi/ft

<u>03 Hrs. at Flowing Condition</u>		
Well Head Pressure (Tubing)	0.00	psig (Manometer)
Well Head Pressure (Annulus)	25.00	psig (Manometer)
Flowing Pressure at 6760' MD	560.73	psia (Memory)
Flowing Temperature at 6760' MD	105.41	°F
Gradient at 6760' MD	0.1031	psi/ft
Water level	5127	ft. MD
	4173	ft. VD
Water Gradient	0.4331	psi/ft

Fluid Level at Static Condition (while RIH gauges)

Measured depth (ft)	Vertical depth (ft)	Pressure (psia)	Gradient (psi/ft)
0	0.00	27.84	
1500	1370.00	28.60	0.0006
3000	2509.75	29.57	0.0009
4500	3680.90	30.48	0.0008
5500	4465.05	136.37	0.1350
6000	4853.46	308.47	0.4431
6500	5240.91	479.80	0.4422
6600	5317.46	513.40	0.4389
6700	5394.01	544.67	0.4085
6760	5439.94	563.08	0.4008

31.27
46 ft

Levels & Gradients

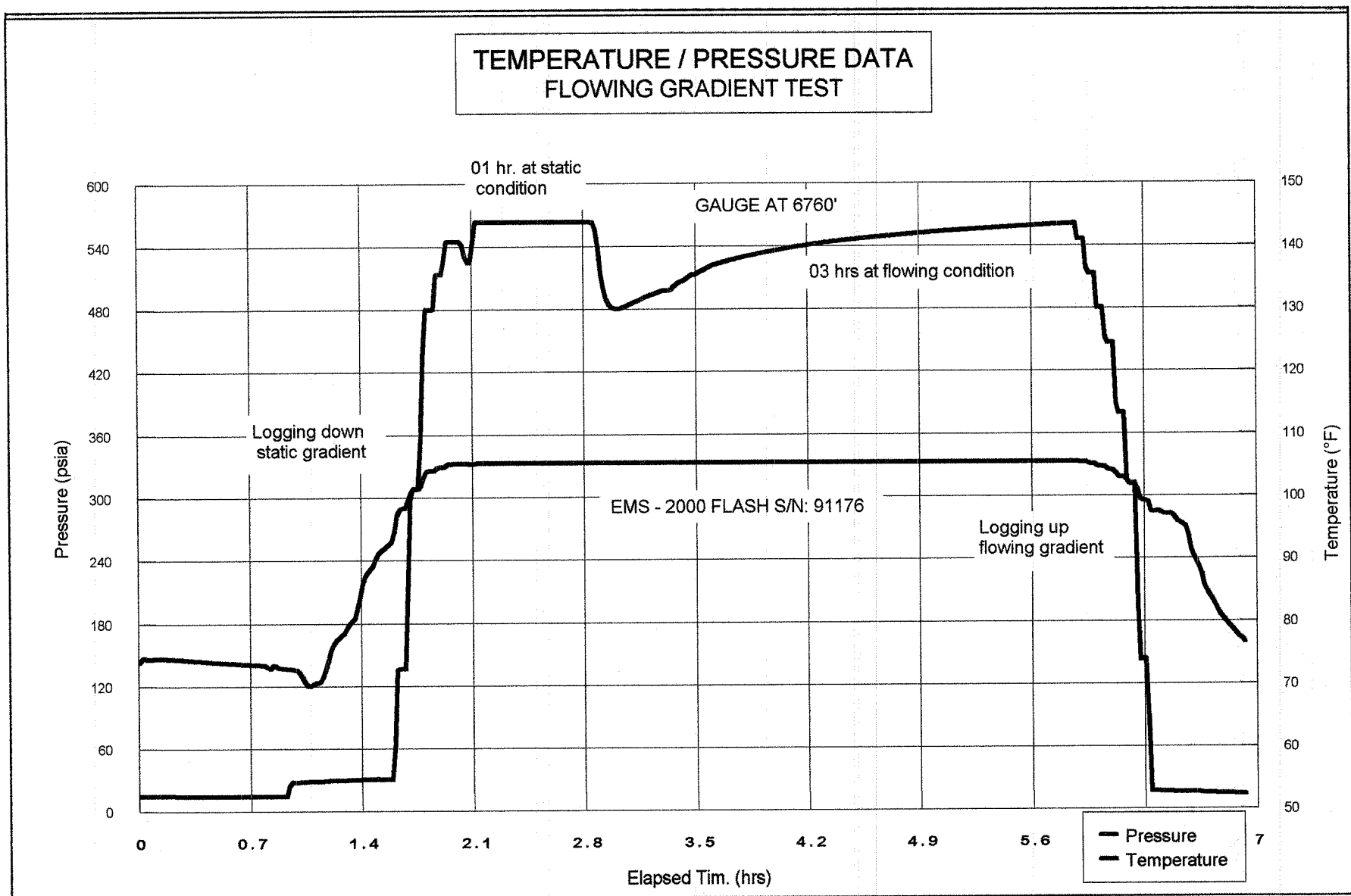
	Static levels		Gradient (psi/ft)
	Measured (ft)	Vertical (ft)	
Gas =	0	0	0.0007
Water =	3700	3039	0.4377
Gauges =	6760	5440	0.1035

Fluid Level at Flowing Condition (while POOH gauges)

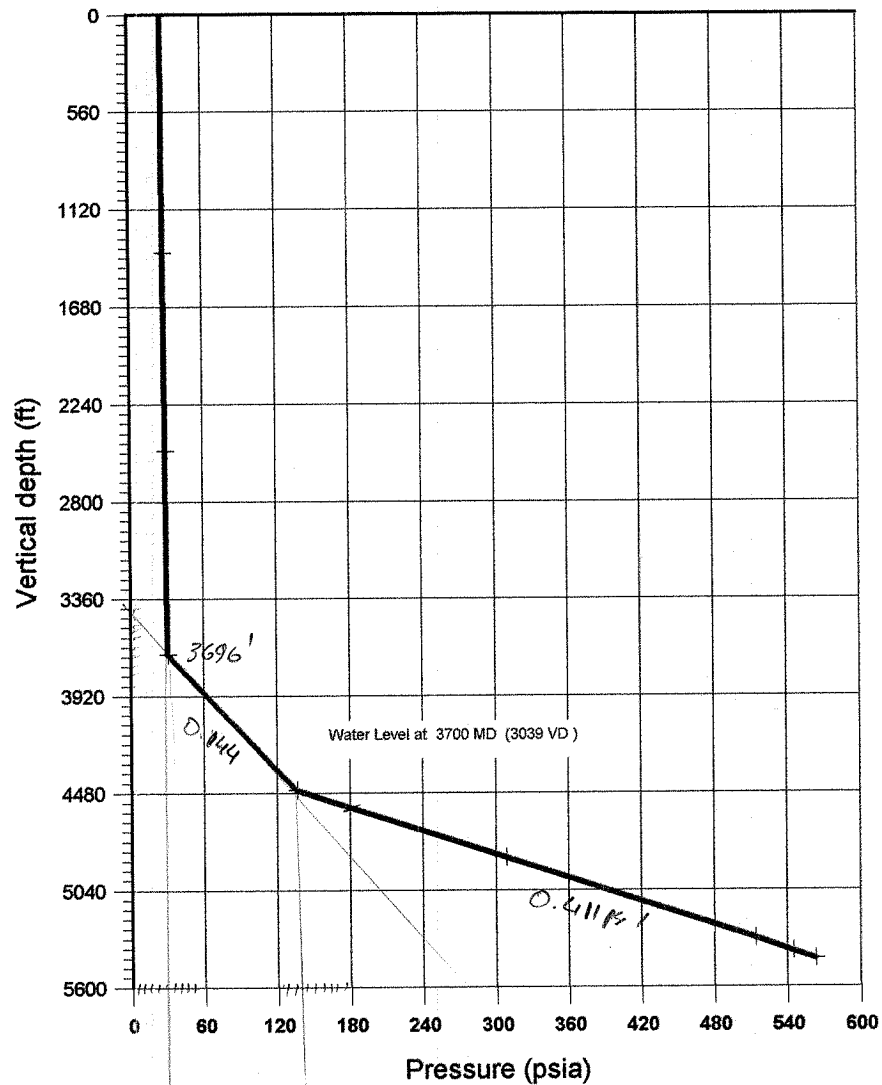
Measured depth (ft)	Vertical depth (ft)	Pressure (psia)	Gradient (psi/ft)
0	0.00	15.22	
1500	1370.00	15.80	0.0004
3000	2509.75	16.19	0.0003
4000	3277.81	16.45	0.0003
5000	4073.30	16.81	0.0005
5500	4465.05	143.43	0.3232
6000	4853.46	311.79	0.4335
6200	5009.11	379.46	0.4348
6400	5164.36	446.81	0.4338
6500	5240.91	480.29	0.4374
6600	5317.46	512.94	0.4265
6700	5394.01	545.78	0.4290
6760	5439.94	560.73	0.3255

Levels & Gradients

	Flowing levels		Gradient (psi/ft)
	Measured (ft)	Vertical (ft)	
Gas =	0	0	0.0004
Water =	5127	4173	0.4331
Gauges =	6760	5440	0.1031



Fluid Level at Static Condition (while RIH gauges)



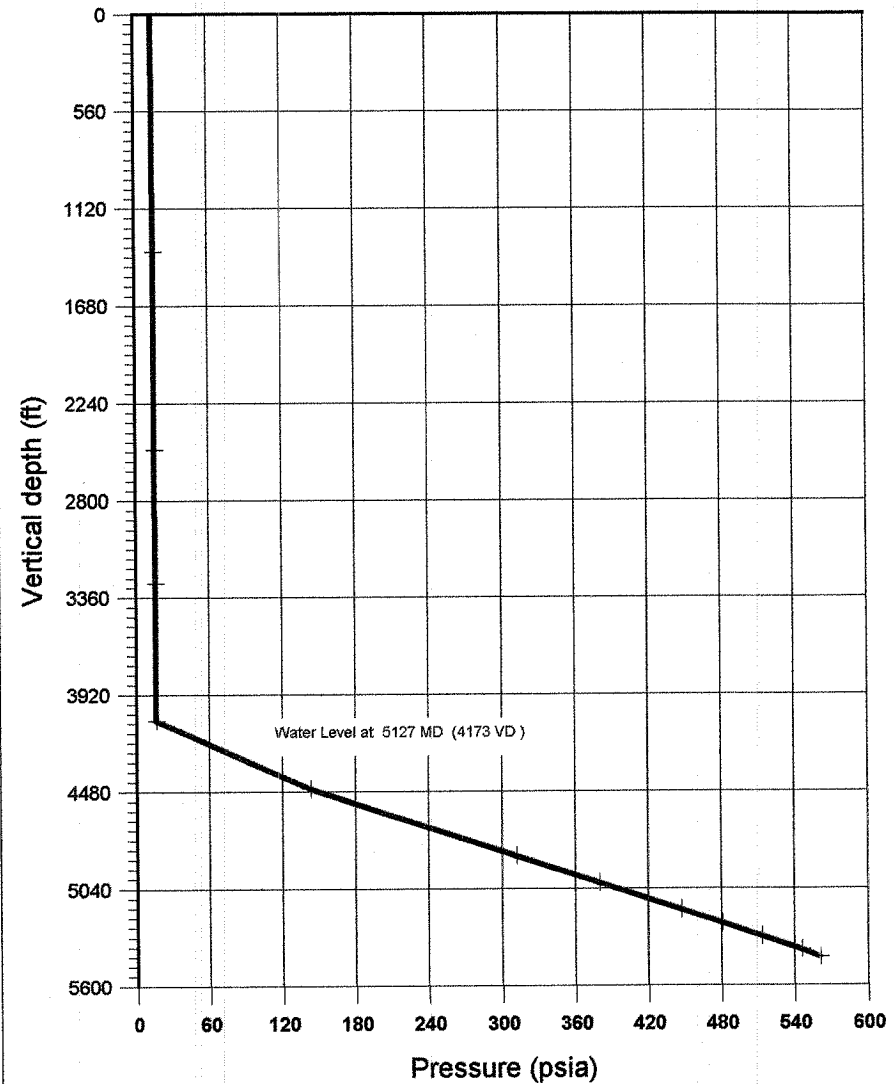
$$\frac{115}{784} = 0.1464$$

138-
25

$$\frac{360}{500 - 4564} = \frac{360}{845} = 0.391$$

25

Fluid Level at Flowing Condition (while POOH gauges)



Well LO6-9X: Development Test

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)	Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
Activate Gauge s/n: 91176					11/25/2003	11:08:26	0.96250	27.89	72.73
11/25/2003	10:10:41	0.00000	14.74	73.77	11/25/2003	11:09:26	0.97917	27.84	72.65
11/25/2003	10:10:42	0.00028	14.68	73.79	11/25/2003	11:10:26	0.99583	27.84	72.56
11/25/2003	10:10:43	0.00056	14.69	73.81	11/25/2003	11:11:26	1.01250	27.98	72.18
11/25/2003	10:10:44	0.00083	14.70	73.82	11/25/2003	11:12:26	1.02917	28.12	71.40
11/25/2003	10:10:45	0.00111	14.85	73.82	11/25/2003	11:13:26	1.04583	28.26	70.69
11/25/2003	10:10:46	0.00139	14.92	73.84	11/25/2003	11:14:26	1.06250	28.41	70.10
11/25/2003	10:10:47	0.00167	14.71	73.86	11/25/2003	11:15:26	1.07917	28.56	70.03
11/25/2003	10:10:48	0.00194	14.74	73.87	Step at 1500'				
11/25/2003	10:10:49	0.00222	14.71	73.86	11/25/2003	11:16:26	1.09583	28.60	70.25
11/25/2003	10:10:50	0.00250	14.64	73.88	11/25/2003	11:17:26	1.11250	28.61	70.42
11/25/2003	10:10:51	0.00278	14.76	73.89	11/25/2003	11:18:26	1.12917	28.60	70.55
11/25/2003	10:10:52	0.00306	14.79	73.90	11/25/2003	11:19:26	1.14583	28.65	70.70
11/25/2003	10:10:53	0.00333	14.73	73.91	11/25/2003	11:20:26	1.16250	28.84	71.63
11/25/2003	10:10:54	0.00361	14.61	73.91	11/25/2003	11:21:26	1.17917	29.09	72.71
11/25/2003	10:10:55	0.00389	14.77	73.92	11/25/2003	11:22:26	1.19583	29.35	74.15
11/25/2003	10:10:56	0.00417	14.79	73.92	11/25/2003	11:23:26	1.21250	29.54	75.80
11/25/2003	10:10:57	0.00444	14.62	73.95	Step at 3000'				
11/25/2003	10:10:58	0.00472	14.86	73.96	11/25/2003	11:24:26	1.22917	29.57	76.74
11/25/2003	10:10:59	0.00500	14.64	73.97	11/25/2003	11:25:26	1.24583	29.58	77.25
11/25/2003	10:11:00	0.00528	14.67	73.96	11/25/2003	11:26:26	1.26250	29.55	77.70
11/25/2003	10:11:01	0.00556	14.68	73.97	11/25/2003	11:27:26	1.27917	29.56	78.10
11/25/2003	10:11:02	0.00583	14.74	73.98	11/25/2003	11:28:26	1.29583	29.53	78.44
11/25/2003	10:11:03	0.00611	14.72	73.98	11/25/2003	11:29:26	1.31250	29.72	79.31
11/25/2003	10:11:04	0.00639	14.70	73.98	11/25/2003	11:30:26	1.32917	29.71	79.98
11/25/2003	10:11:05	0.00667	14.73	73.98	11/25/2003	11:31:26	1.34583	29.71	80.37
11/25/2003	10:11:06	0.00694	14.82	73.98	11/25/2003	11:32:26	1.36250	29.75	80.82
11/25/2003	10:11:07	0.00722	14.90	73.98	11/25/2003	11:33:26	1.37917	29.98	82.30
11/25/2003	10:11:08	0.00750	14.61	73.99	11/25/2003	11:34:26	1.39583	30.26	84.24
11/25/2003	10:11:09	0.00778	14.74	73.98	11/25/2003	11:35:26	1.41250	30.46	86.22
11/25/2003	10:11:10	0.00806	14.77	73.99	11/25/2003	11:36:26	1.42917	30.49	87.61
11/25/2003	10:11:11	0.00833	14.77	73.97	Step at 4500'				
11/25/2003	10:11:12	0.00861	14.82	73.98	11/25/2003	11:37:26	1.44583	30.54	88.20
11/25/2003	10:11:13	0.00889	14.65	73.85	11/25/2003	11:38:26	1.46250	30.47	88.74
11/25/2003	10:11:14	0.00917	14.76	73.90	11/25/2003	11:39:26	1.47917	30.48	89.20
11/25/2003	10:11:15	0.00944	14.58	73.88	11/25/2003	11:40:26	1.49583	30.69	90.40
11/25/2003	10:11:26	0.01250	14.46	73.98	11/25/2003	11:41:26	1.51250	30.71	91.14
11/25/2003	10:12:26	0.02917	14.57	74.47	11/25/2003	11:42:26	1.52917	30.61	91.54
11/25/2003	10:13:26	0.04583	14.55	74.48	11/25/2003	11:43:26	1.54583	30.56	91.91
11/25/2003	10:14:26	0.06250	14.52	74.32	11/25/2003	11:44:26	1.56250	30.49	92.30
11/25/2003	10:15:26	0.07917	14.49	74.35	11/25/2003	11:45:26	1.57917	30.42	92.64
11/25/2003	10:16:26	0.09583	14.47	74.39	11/25/2003	11:46:26	1.59583	30.45	93.12
11/25/2003	10:17:26	0.11250	14.49	74.42	11/25/2003	11:47:26	1.61250	65.18	94.83
11/25/2003	10:18:26	0.12917	14.48	74.42	11/25/2003	11:48:26	1.62917	135.19	97.34
11/25/2003	10:19:26	0.14583	14.45	74.42	Step at 5500'				
11/25/2003	10:20:26	0.16250	14.44	74.41	11/25/2003	11:49:26	1.64583	136.32	98.13
11/25/2003	10:21:26	0.17917	14.43	74.39	11/25/2003	11:50:26	1.66250	136.39	98.27
11/25/2003	10:22:26	0.19583	14.41	74.36	11/25/2003	11:51:26	1.67917	136.37	98.35
11/25/2003	10:23:26	0.21250	14.41	74.34	11/25/2003	11:52:26	1.69583	208.42	99.39
11/25/2003	10:24:26	0.22917	14.43	74.31	11/25/2003	11:53:26	1.71250	297.70	100.69
11/25/2003	10:25:26	0.24583	14.38	74.28	Step at 6000'				
11/25/2003	10:26:26	0.26250	14.35	74.25	11/25/2003	11:54:26	1.72917	308.32	101.28
11/25/2003	10:27:26	0.27917	14.38	74.21	11/25/2003	11:55:26	1.74583	308.47	101.35
11/25/2003	10:28:26	0.29583	14.35	74.18	11/25/2003	11:56:26	1.76250	308.49	101.42
11/25/2003	10:29:26	0.31250	14.34	74.15	11/25/2003	11:57:26	1.77917	356.17	101.90
11/25/2003	10:30:26	0.32917	14.35	74.11	11/25/2003	11:58:26	1.79583	434.19	103.09
11/25/2003	10:31:26	0.34583	14.36	74.08	Step at 6500'				
11/25/2003	10:32:26	0.36250	14.31	74.04	11/25/2003	11:59:26	1.81250	479.88	104.10
11/25/2003	10:33:26	0.37917	14.35	74.01	11/25/2003	12:00:26	1.82917	479.80	104.22
11/25/2003	10:34:26	0.39583	14.31	73.98	11/25/2003	12:01:26	1.84583	479.80	104.25
11/25/2003	10:35:26	0.41250	14.32	73.95	11/25/2003	12:02:26	1.86250	480.30	104.29
11/25/2003	10:36:26	0.42917	14.30	73.91	Step at 6800'				
11/25/2003	10:37:26	0.44583	14.30	73.88	11/25/2003	12:03:26	1.87917	513.40	104.72
11/25/2003	10:38:26	0.46250	14.29	73.85	11/25/2003	12:04:26	1.89583	513.40	104.79
11/25/2003	10:39:26	0.47917	14.28	73.82	11/25/2003	12:05:26	1.91250	513.37	104.81
11/25/2003	10:40:26	0.49583	14.25	73.79	11/25/2003	12:06:26	1.92917	525.01	104.87
11/25/2003	10:41:26	0.51250	14.27	73.76	Step at 6700'				
11/25/2003	10:42:26	0.52917	14.26	73.73	11/25/2003	12:07:26	1.94583	544.69	105.23
11/25/2003	10:43:26	0.54583	14.26	73.70	11/25/2003	12:08:26	1.96250	544.67	105.27
11/25/2003	10:44:26	0.56250	14.22	73.67	11/25/2003	12:09:26	1.97917	544.66	105.30
11/25/2003	10:45:26	0.57917	14.23	73.65	11/25/2003	12:10:26	1.99583	544.68	105.32
11/25/2003	10:46:26	0.59583	14.20	73.62	11/25/2003	12:11:26	2.01250	544.69	105.33
11/25/2003	10:47:26	0.61250	14.22	73.59	11/25/2003	12:12:26	2.02917	544.67	105.34
11/25/2003	10:48:26	0.62917	14.24	73.56	11/25/2003	12:13:26	2.04583	541.01	105.35
11/25/2003	10:49:26	0.64583	14.20	73.53	11/25/2003	12:14:26	2.06250	530.67	105.35
11/25/2003	10:50:26	0.66250	14.19	73.51	11/25/2003	12:15:26	2.07917	524.68	105.33
11/25/2003	10:51:26	0.67917	14.21	73.48	11/25/2003	12:16:26	2.09583	525.01	105.25
11/25/2003	10:52:26	0.69583	14.15	73.46	11/25/2003	12:17:26	2.11250	543.95	105.35
11/25/2003	10:53:26	0.71250	14.18	73.43	Gauges at 6760'				
11/25/2003	10:54:26	0.72917	14.19	73.41	11/25/2003	12:18:26	2.12917	563.06	105.43
11/25/2003	10:55:26	0.74583	14.19	73.38	11/25/2003	12:19:26	2.14583	563.01	105.44
11/25/2003	10:56:26	0.76250	14.15	73.36	11/25/2003	12:20:26	2.16250	563.08	105.44
11/25/2003	10:57:26	0.77917	14.17	73.33	11/25/2003	12:21:26	2.17917	563.01	105.45
11/25/2003	10:58:26	0.79583	14.19	73.30	11/25/2003	12:22:26	2.19583	563.06	105.45
11/25/2003	10:59:26	0.81250	14.13	73.02	11/25/2003	12:23:26	2.21250	563.07	105.45
11/25/2003	11:00:26	0.82917	14.12	72.81	11/25/2003	12:24:26	2.22917	563.00	105.45
11/25/2003	11:01:26	0.84583	14.11	73.34	11/25/2003	12:25:26	2.24583	563.03	105.45
11/25/2003	11:02:26	0.86250	14.10	73.27	11/25/2003	12:26:26	2.26250	563.02	105.45
11/25/2003	11:03:26	0.87917	14.09	72.92	11/25/2003	12:27:26	2.27917	563.04	105.45
11/25/2003	11:04:26	0.89583	14.08	72.86	11/25/2003	12:28:26	2.29583	563.03	105.45
11/25/2003	11:05:26	0.91250	14.22	72.81	11/25/2003	12:29:26	2.31250	562.99	105.45
11/25/2003	11:06:26	0.92917	14.20	72.75	11/25/2003	12:30:26	2.32917	563.01	105.45
Presurized Lubricator. Step at 0'					11/25/2003	12:31:26	2.34583	562.99	105.45
11/25/2003	11:07:26	0.94583	24.22	72.70	11/25/2003	12:32:26	2.36250	563.03	105.45

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)	Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
11/25/2003	12:33:26	2.37917	562.98	105.45	11/25/2003	14:08:26	3.96250	534.37	105.41
11/25/2003	12:34:26	2.39583	562.98	105.45	11/25/2003	14:09:26	3.97917	534.86	105.41
11/25/2003	12:35:26	2.41250	562.98	105.45	11/25/2003	14:10:26	3.99583	535.33	105.41
11/25/2003	12:36:26	2.42917	563.00	105.45	11/25/2003	14:11:26	4.01250	535.81	105.41
11/25/2003	12:37:26	2.44583	563.02	105.45	11/25/2003	14:12:26	4.02917	536.30	105.41
11/25/2003	12:38:26	2.46250	563.01	105.45	11/25/2003	14:13:26	4.04583	536.76	105.41
11/25/2003	12:39:26	2.47917	563.01	105.45	11/25/2003	14:14:26	4.06250	537.20	105.41
11/25/2003	12:40:26	2.49583	562.99	105.45	11/25/2003	14:15:26	4.07917	537.67	105.41
11/25/2003	12:41:26	2.51250	563.02	105.45	11/25/2003	14:16:26	4.09583	538.03	105.41
11/25/2003	12:42:26	2.52917	562.93	105.45	11/25/2003	14:17:26	4.11250	538.48	105.41
11/25/2003	12:43:26	2.54583	562.98	105.45	11/25/2003	14:18:26	4.12917	538.87	105.41
11/25/2003	12:44:26	2.56250	563.02	105.45	11/25/2003	14:19:26	4.14583	539.30	105.41
11/25/2003	12:45:26	2.57917	562.99	105.45	11/25/2003	14:20:26	4.16250	539.67	105.41
11/25/2003	12:46:26	2.59583	563.00	105.45	11/25/2003	14:21:26	4.17917	540.09	105.41
11/25/2003	12:47:26	2.61250	563.00	105.45	11/25/2003	14:22:26	4.19583	540.46	105.42
11/25/2003	12:48:26	2.62917	562.96	105.45	11/25/2003	14:23:26	4.21250	540.81	105.42
11/25/2003	12:49:26	2.64583	562.99	105.45	11/25/2003	14:24:26	4.22917	541.18	105.42
11/25/2003	12:50:26	2.66250	562.97	105.45	11/25/2003	14:25:26	4.24583	541.60	105.41
11/25/2003	12:51:26	2.67917	563.02	105.45	11/25/2003	14:26:26	4.26250	541.93	105.41
11/25/2003	12:52:26	2.69583	563.02	105.44	11/25/2003	14:27:26	4.27917	542.28	105.41
11/25/2003	12:53:26	2.71250	562.97	105.44	11/25/2003	14:28:26	4.29583	542.59	105.41
11/25/2003	12:54:26	2.72917	563.01	105.45	11/25/2003	14:29:26	4.31250	542.93	105.41
11/25/2003	12:55:26	2.74583	563.03	105.45	11/25/2003	14:30:26	4.32917	543.24	105.41
11/25/2003	12:56:26	2.76250	563.01	105.45	11/25/2003	14:31:26	4.34583	543.59	105.42
11/25/2003	12:57:26	2.77917	563.01	105.45	11/25/2003	14:32:26	4.36250	543.89	105.41
11/25/2003	12:58:26	2.79583	563.03	105.45	11/25/2003	14:33:26	4.37917	544.21	105.42
11/25/2003	12:59:26	2.81250	563.01	105.45	11/25/2003	14:34:26	4.39583	544.54	105.41
11/25/2003	13:00:26	2.82917	563.00	105.44	11/25/2003	14:35:26	4.41250	544.82	105.41
11/25/2003	13:01:26	2.84583	563.00	105.45	11/25/2003	14:36:26	4.42917	545.10	105.41
Bleed off well x 03 hrs.					11/25/2003	14:37:26	4.44583	545.39	105.41
11/25/2003	13:02:26	2.86250	562.79	105.44	11/25/2003	14:38:26	4.46250	545.64	105.41
11/25/2003	13:03:26	2.87917	556.73	105.44	11/25/2003	14:39:26	4.47917	545.85	105.41
11/25/2003	13:04:26	2.89583	538.25	105.44	11/25/2003	14:40:26	4.49583	546.14	105.41
11/25/2003	13:05:26	2.91250	514.31	105.42	11/25/2003	14:41:26	4.51250	546.40	105.41
11/25/2003	13:06:26	2.92917	498.52	105.42	11/25/2003	14:42:26	4.52917	546.71	105.41
11/25/2003	13:07:26	2.94583	489.29	105.41	11/25/2003	14:43:26	4.54583	546.99	105.41
11/25/2003	13:08:26	2.96250	484.10	105.40	11/25/2003	14:44:26	4.56250	547.23	105.41
11/25/2003	13:09:26	2.97917	481.48	105.39	11/25/2003	14:45:26	4.57917	547.44	105.41
11/25/2003	13:10:26	2.99583	480.39	105.38	11/25/2003	14:46:26	4.59583	547.70	105.41
11/25/2003	13:11:26	3.01250	480.22	105.38	11/25/2003	14:47:26	4.61250	547.93	105.41
11/25/2003	13:12:26	3.02917	480.62	105.38	11/25/2003	14:48:26	4.62917	548.16	105.41
11/25/2003	13:13:26	3.04583	481.48	105.39	11/25/2003	14:49:26	4.64583	548.42	105.41
11/25/2003	13:14:26	3.06250	482.54	105.39	11/25/2003	14:50:26	4.66250	548.68	105.41
11/25/2003	13:15:26	3.07917	483.68	105.39	11/25/2003	14:51:26	4.67917	548.88	105.41
11/25/2003	13:16:26	3.09583	484.76	105.39	11/25/2003	14:52:26	4.69583	549.11	105.41
11/25/2003	13:17:26	3.11250	485.95	105.39	11/25/2003	14:53:26	4.71250	549.38	105.40
11/25/2003	13:18:26	3.12917	487.08	105.39	11/25/2003	14:54:26	4.72917	549.62	105.40
11/25/2003	13:19:26	3.14583	488.16	105.39	11/25/2003	14:55:26	4.74583	549.87	105.40
11/25/2003	13:20:26	3.16250	489.37	105.40	11/25/2003	14:56:26	4.76250	550.08	105.40
11/25/2003	13:21:26	3.17917	490.53	105.40	11/25/2003	14:57:26	4.77917	550.32	105.40
11/25/2003	13:22:26	3.19583	491.64	105.40	11/25/2003	14:58:26	4.79583	550.54	105.40
11/25/2003	13:23:26	3.21250	492.61	105.40	11/25/2003	14:59:26	4.81250	550.77	105.40
11/25/2003	13:24:26	3.22917	493.57	105.40	11/25/2003	15:00:26	4.82917	550.96	105.40
11/25/2003	13:25:26	3.24583	494.44	105.40	11/25/2003	15:01:26	4.84583	551.15	105.40
11/25/2003	13:26:26	3.26250	495.40	105.40	11/25/2003	15:02:26	4.86250	551.34	105.40
11/25/2003	13:27:26	3.27917	496.44	105.40	11/25/2003	15:03:26	4.87917	551.59	105.40
11/25/2003	13:28:26	3.29583	497.37	105.40	11/25/2003	15:04:26	4.89583	551.75	105.40
11/25/2003	13:29:26	3.31250	497.10	105.40	11/25/2003	15:05:26	4.91250	552.00	105.40
11/25/2003	13:30:26	3.32917	497.24	105.40	11/25/2003	15:06:26	4.92917	552.16	105.40
11/25/2003	13:31:26	3.34583	498.26	105.40	11/25/2003	15:07:26	4.94583	552.36	105.40
11/25/2003	13:32:26	3.36250	500.85	105.40	11/25/2003	15:08:26	4.96250	552.57	105.40
11/25/2003	13:33:26	3.37917	503.41	105.40	11/25/2003	15:09:26	4.97917	552.72	105.40
11/25/2003	13:34:26	3.39583	505.22	105.40	11/25/2003	15:10:26	4.99583	552.90	105.40
11/25/2003	13:35:26	3.41250	506.22	105.40	11/25/2003	15:11:26	5.01250	553.08	105.40
11/25/2003	13:36:26	3.42917	507.42	105.40	11/25/2003	15:12:26	5.02917	553.26	105.40
11/25/2003	13:37:26	3.44583	509.10	105.41	11/25/2003	15:13:26	5.04583	553.46	105.40
11/25/2003	13:38:26	3.46250	511.36	105.41	11/25/2003	15:14:26	5.06250	553.63	105.40
11/25/2003	13:39:26	3.47917	513.02	105.41	11/25/2003	15:15:26	5.07917	553.81	105.40
11/25/2003	13:40:26	3.49583	512.61	105.41	11/25/2003	15:16:26	5.09583	553.97	105.40
11/25/2003	13:41:26	3.51250	514.51	105.41	11/25/2003	15:17:26	5.11250	554.15	105.40
11/25/2003	13:42:26	3.52917	515.61	105.41	11/25/2003	15:18:26	5.12917	554.24	105.40
11/25/2003	13:43:26	3.54583	516.84	105.41	11/25/2003	15:19:26	5.14583	554.47	105.40
11/25/2003	13:44:26	3.56250	518.15	105.41	11/25/2003	15:20:26	5.16250	554.56	105.40
11/25/2003	13:45:26	3.57917	519.31	105.41	11/25/2003	15:21:26	5.17917	554.75	105.40
11/25/2003	13:46:26	3.59583	520.41	105.41	11/25/2003	15:22:26	5.19583	554.92	105.40
11/25/2003	13:47:26	3.61250	521.70	105.41	11/25/2003	15:23:26	5.21250	555.07	105.40
11/25/2003	13:48:26	3.62917	522.42	105.41	11/25/2003	15:24:26	5.22917	555.24	105.40
11/25/2003	13:49:26	3.64583	523.08	105.41	11/25/2003	15:25:26	5.24583	555.40	105.40
11/25/2003	13:50:26	3.66250	523.75	105.41	11/25/2003	15:26:26	5.26250	555.55	105.40
11/25/2003	13:51:26	3.67917	524.43	105.41	11/25/2003	15:27:26	5.27917	555.72	105.40
11/25/2003	13:52:26	3.69583	525.12	105.41	11/25/2003	15:28:26	5.29583	555.87	105.40
11/25/2003	13:53:26	3.71250	525.78	105.41	11/25/2003	15:29:26	5.31250	556.05	105.40
11/25/2003	13:54:26	3.72917	526.47	105.41	11/25/2003	15:30:26	5.32917	556.20	105.40
11/25/2003	13:55:26	3.74583	527.12	105.41	11/25/2003	15:31:26	5.34583	556.37	105.40
11/25/2003	13:56:26	3.76250	527.78	105.41	11/25/2003	15:32:26	5.36250	556.50	105.40
11/25/2003	13:57:26	3.77917	528.38	105.41	11/25/2003	15:33:26	5.37917	556.64	105.40
11/25/2003	13:58:26	3.79583	528.96	105.41	11/25/2003	15:34:26	5.39583	556.83	105.40
11/25/2003	13:59:26	3.81250	529.57	105.41	11/25/2003	15:35:26	5.41250	556.94	105.40
11/25/2003	14:00:26	3.82917	530.13	105.41	11/25/2003	15:36:26	5.42917	557.07	105.40
11/25/2003	14:01:26	3.84583	530.68	105.41	11/25/2003	15:37:26	5.44583	557.23	105.40
11/25/2003	14:02:26	3.86250	531.26	105.41	11/25/2003	15:38:26	5.46250	557.34	105.41
11/25/2003	14:03:26	3.87917	531.75	105.41	11/25/2003	15:39:26	5.47917	557.52	105.40
11/25/2003	14:04:26	3.89583	532.33	105.41	11/25/2003	15:40:26	5.49583	557.66	105.40
11/25/2003	14:05:26	3.91250	532.87	105.41	11/25/2003	15:41:26	5.51250	557.83	105.41
11/25/2003	14:06:26	3.92917	533.35	105.41	11/25/2003	15:42:26	5.52917	557.94	105.

Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)	Date	Time	Elapsed Time (hrs)	Pressure (psia)	Temperature (°F)
11/25/2003	15:44:26	5.56250	558.23	105.41					
11/25/2003	15:45:26	5.57917	558.35	105.41					
11/25/2003	15:46:26	5.59583	558.54	105.41					
11/25/2003	15:47:26	5.61250	558.70	105.41					
11/25/2003	15:48:26	5.62917	558.84	105.41					
11/25/2003	15:49:26	5.64583	559.02	105.41					
11/25/2003	15:50:26	5.66250	559.15	105.41					
11/25/2003	15:51:26	5.67917	559.30	105.41					
11/25/2003	15:52:26	5.69583	559.42	105.41					
11/25/2003	15:53:26	5.71250	559.58	105.41					
11/25/2003	15:54:26	5.72917	559.68	105.41					
11/25/2003	15:55:26	5.74583	559.78	105.41					
11/25/2003	15:56:26	5.76250	559.89	105.41					
11/25/2003	15:57:26	5.77917	560.01	105.41					
11/25/2003	15:58:26	5.79583	560.13	105.41					
11/25/2003	15:59:26	5.81250	560.27	105.41					
11/25/2003	16:00:26	5.82917	560.39	105.41					
11/25/2003	16:01:26	5.84583	560.46	105.41					
11/25/2003	16:02:26	5.86250	560.63	105.41					
11/25/2003	16:03:26	5.87917	560.73	105.41					
POOH Gauges. Step at 6700'									
11/25/2003	16:04:26	5.89583	545.78	105.38					
11/25/2003	16:05:26	5.91250	545.86	105.36					
11/25/2003	16:06:26	5.92917	546.00	105.36					
11/25/2003	16:07:26	5.94583	518.17	105.32					
Step at 6600'									
11/25/2003	16:08:26	5.96250	512.85	105.07					
11/25/2003	16:09:26	5.97917	512.94	105.03					
11/25/2003	16:10:26	5.99583	513.08	105.01					
Step at 6500'									
11/25/2003	16:11:26	6.01250	480.13	104.74					
11/25/2003	16:12:26	6.02917	480.29	104.64					
11/25/2003	16:13:26	6.04583	480.34	104.61					
11/25/2003	16:14:26	6.06250	450.84	104.53					
Step at 6400'									
11/25/2003	16:15:26	6.07917	446.81	104.14					
11/25/2003	16:16:26	6.09583	446.83	104.08					
11/25/2003	16:17:26	6.11250	446.59	104.05					
11/25/2003	16:18:26	6.12917	388.62	103.59					
Step at 6200'									
11/25/2003	16:19:26	6.14583	379.46	103.05					
11/25/2003	16:20:26	6.16250	379.47	102.97					
11/25/2003	16:21:26	6.17917	379.46	102.93					
11/25/2003	16:22:26	6.19583	314.48	102.49					
Step at 6000'									
11/25/2003	16:23:26	6.21250	311.77	101.95					
11/25/2003	16:24:26	6.22917	311.79	101.87					
11/25/2003	16:25:26	6.24583	311.84	101.82					
11/25/2003	16:26:26	6.26250	195.10	100.91					
Step at 5500'									
11/25/2003	16:27:26	6.27917	143.18	99.42					
11/25/2003	16:28:26	6.29583	143.43	99.20					
11/25/2003	16:29:26	6.31250	143.54	99.12					
11/25/2003	16:30:26	6.32917	85.12	98.91					
Step at 5000'									
11/25/2003	16:31:26	6.34583	16.87	97.52					
11/25/2003	16:32:26	6.36250	16.81	97.47					
11/25/2003	16:33:26	6.37917	16.81	97.50					
11/25/2003	16:34:26	6.39583	16.76	97.49					
11/25/2003	16:35:26	6.41250	16.55	97.33					
Step at 4000'									
11/25/2003	16:36:26	6.42917	16.44	97.05					
11/25/2003	16:37:26	6.44583	16.45	97.06					
11/25/2003	16:38:26	6.46250	16.47	97.10					
11/25/2003	16:39:26	6.47917	16.39	97.00					
Step at 3000'									
11/25/2003	16:40:26	6.49583	16.19	96.45					
11/25/2003	16:41:26	6.51250	16.20	95.92					
11/25/2003	16:42:26	6.52917	16.19	95.69					
11/25/2003	16:43:26	6.54583	16.16	95.46					
11/25/2003	16:44:26	6.56250	16.12	95.02					
11/25/2003	16:45:26	6.57917	15.90	93.82					
11/25/2003	16:46:26	6.59583	15.88	91.44					
Step at 1500'									
11/25/2003	16:47:26	6.61250	15.80	90.34					
11/25/2003	16:48:26	6.62917	15.83	89.46					
11/25/2003	16:49:26	6.64583	15.79	88.64					
11/25/2003	16:50:26	6.66250	15.63	87.38					
Step at 0'									
11/25/2003	16:51:26	6.67917	15.28	85.73					
11/25/2003	16:52:26	6.69583	15.22	84.80					
11/25/2003	16:53:26	6.71250	15.22	84.08					
11/25/2003	16:54:26	6.72917	15.18	83.37					
11/25/2003	16:55:26	6.74583	14.98	82.61					
11/25/2003	16:56:26	6.76250	14.56	81.65					
11/25/2003	16:57:26	6.77917	14.51	81.01					
11/25/2003	16:58:26	6.79583	14.48	80.47					
11/25/2003	16:59:26	6.81250	14.47	79.93					
11/25/2003	17:00:26	6.82917	14.48	79.42					
11/25/2003	17:01:26	6.84583	14.39	78.93					
11/25/2003	17:02:26	6.86250	14.39	78.53					
11/25/2003	17:03:26	6.87917	14.38	77.94					
11/25/2003	17:04:26	6.89583	14.34	77.46					
11/25/2003	17:05:26	6.91250	14.33	77.22					
Desactivate									
11/25/2003	17:06:26	6.92917	14.30	76.61					