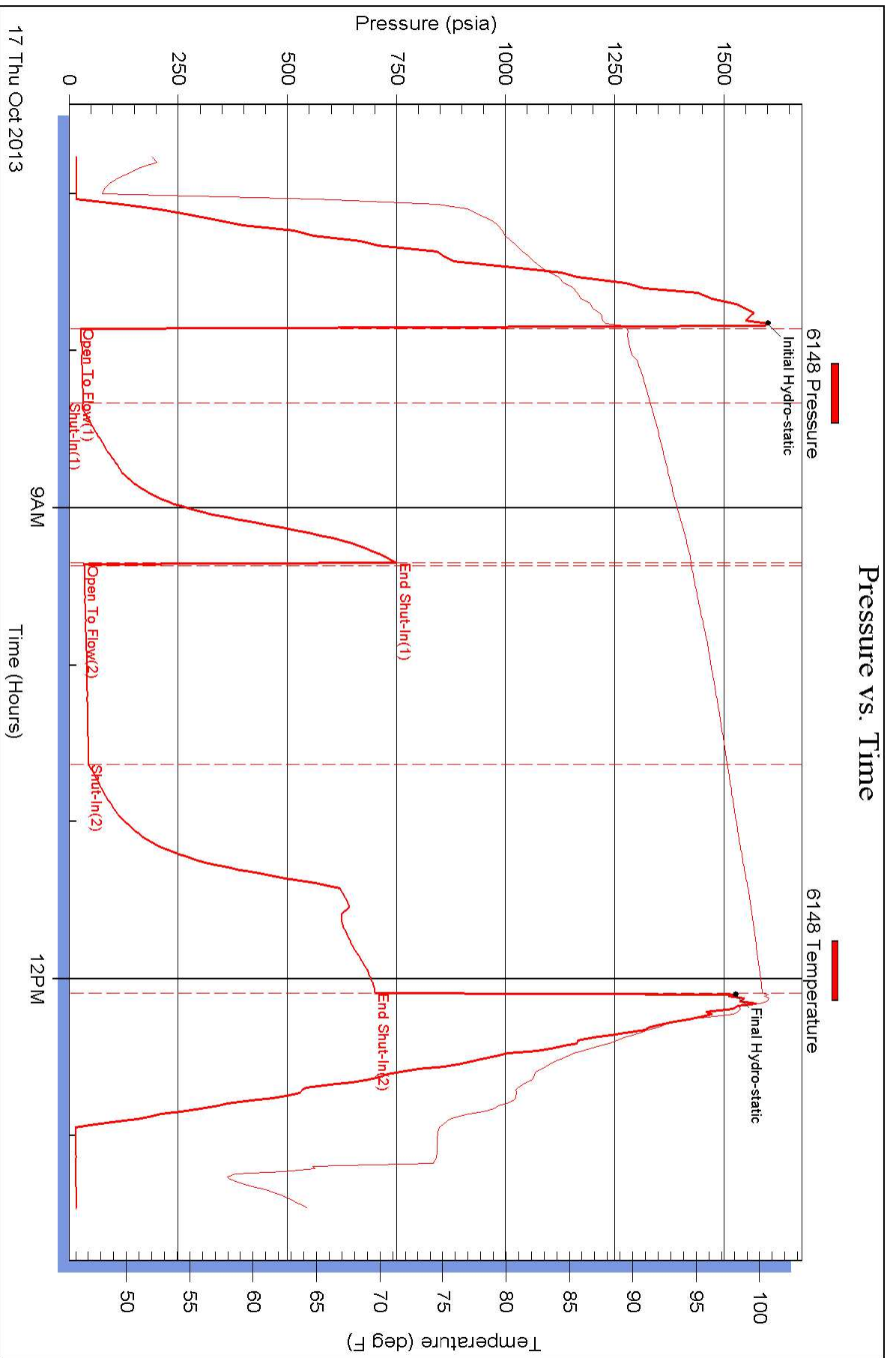
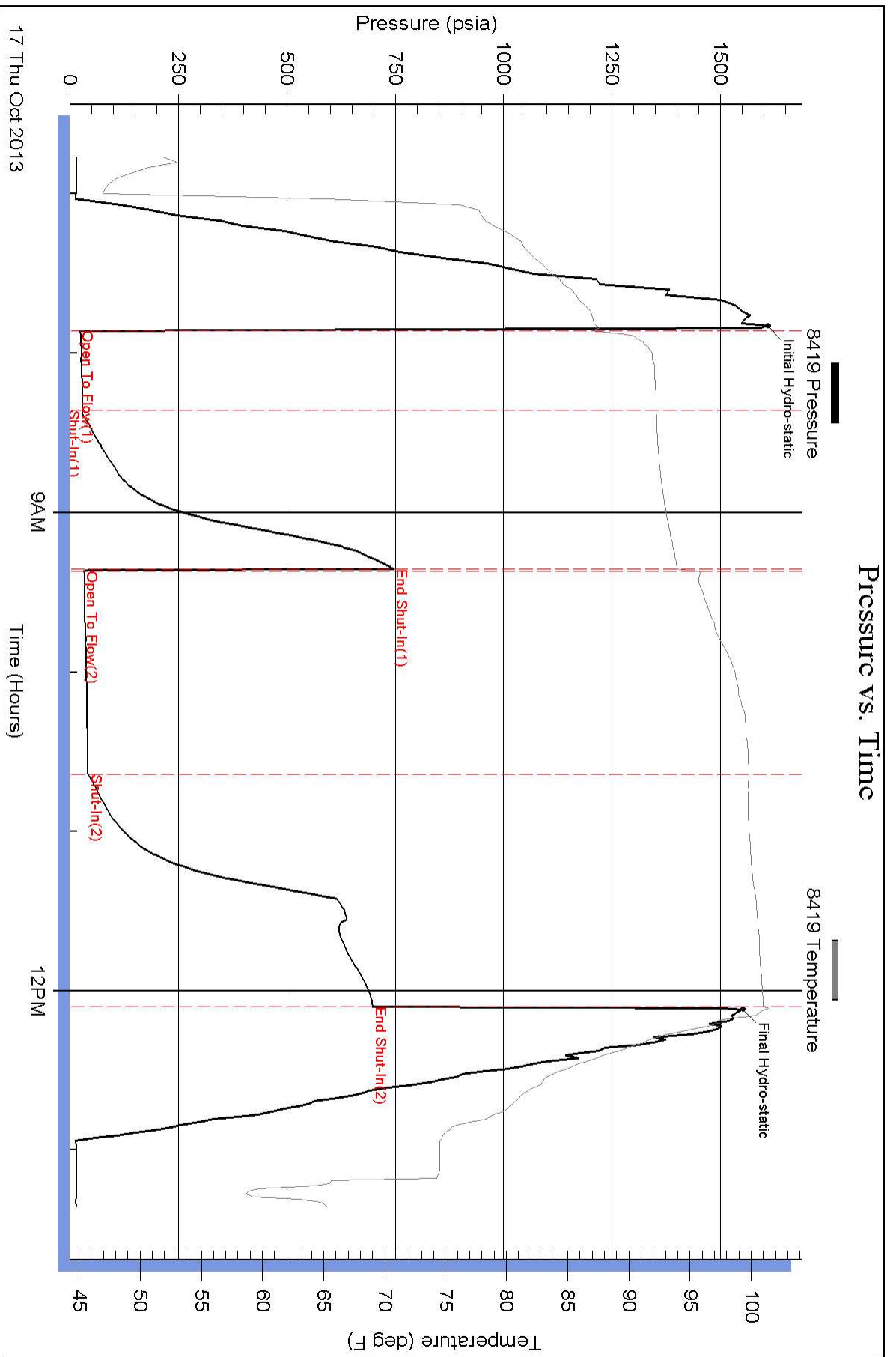


Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

FLUID SUMMARY

Trans Pacific Oil Company

23-20s-11w Barton

100 South Main Suite 200
Wichita, Kansas 67206-3735

Kasselman #8

Job Ticket: 17095

DST#: 5

ATTN: Jeff Lawler

Test Start: 2013.10.17 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 47.00 sec/qt
Water Loss: 8.00 in³
Resistivity: ohm.m
Salinity: 8000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	500 feet of gas in the pipe	0.000
55.00	Heavy oil and gas cut mud	0.270
0.00	5%Gas 55%Oil 40%Mud	0.000

Total Length: 55.00 ft Total Volume: 0.270 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Company
 100 South Main Suite 200
 Wichita, Kansas 67206-3735
 ATTN: Jeff Lawler

23-20s-11w Barton
Kasselman #8
 Job Ticket: 17095 **DST#: 5**
 Test Start: 2013.10.17 @ 00:00:00

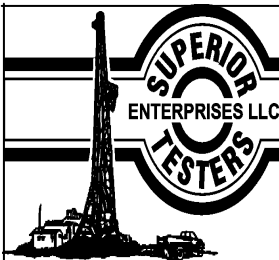
Tool Information

Drill Pipe:	Length: 3155.00 ft	Diameter: 3.80 inches	Volume: 44.26 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	2000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	20000.00 lb
			<u>Total Volume: 44.84 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3284.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	6.00 ft				
Tool Length:	26.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3269.00	
Hydraulic Tool	5.00			3274.00	
Packer	5.00			3279.00	20.00 Bottom Of Top Packer
Packer	5.00			3284.00	
Perforations	1.00			3285.00	
Recorder	1.00	8419	Inside	3286.00	
Recorder	1.00	6148	Outside	3287.00	
Bullnose	3.00			3290.00	6.00 Bottom Packers & Anchor

Total Tool Length: 26.00



DRILL STEM TEST REPORT

Trans Pacific Oil Company

23-20s-11w Barton

100 South Main Suite 200
Wichita, Kansas 67206-3735

Kasselmann #8

Job Ticket: 17095

DST#: 5

ATTN: Jeff Lawler

Test Start: 2013.10.17 @ 00:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

Interval: 3284.00 ft (KB) To 3290.00 ft (KB) (TVD)

Reference Elevations: 1764.00 ft (KB)

Total Depth: 3290.00 ft (KB) (TVD)

1754.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6148 Outside

Press @ Run Depth: 700.13 psia @ 3287.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.10.17

End Date: 2013.10.17

Last Calib.: 2013.10.17

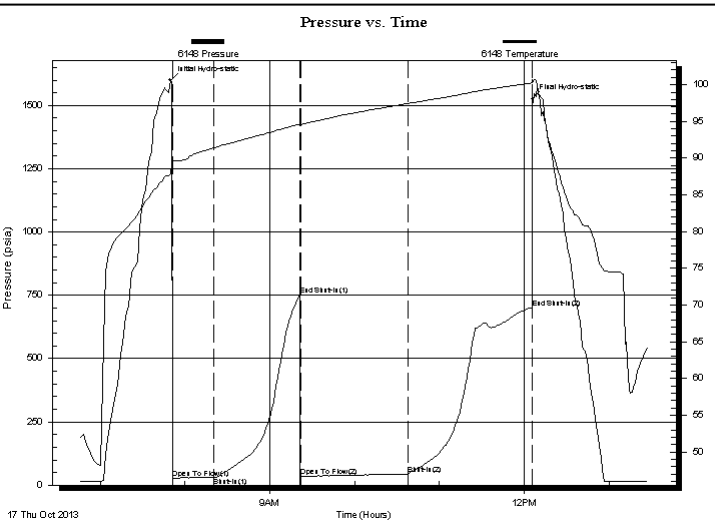
Start Time: 06:45:00

End Time: 13:27:30

Time On Btm: 2013.10.17 @ 07:49:30

Time Off Btm: 2013.10.17 @ 12:06:00

TEST COMMENT: 1st Opening 30 Minutes Weak building blow built to 5 inches into the water
1st Shut-In 60 Minutes-Weak blow back
2nd Opening 75 Minutes- Weak building blow built to the bottom of a 5 gallon bucket in 50 minutes
2nd Shut-In 90 Minutes Weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1599.98	87.86	Initial Hydro-static
2	25.62	89.49	Open To Flow (1)
31	30.70	91.39	Shut-In(1)
92	750.48	94.65	End Shut-In(1)
93	35.32	94.59	Open To Flow (2)
169	43.89	97.45	Shut-In(2)
256	700.13	100.23	End Shut-In(2)
257	1526.01	100.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	500 feet of gas in the pipe	0.00
55.00	Heavy oil and gas cut mud	0.27
0.00	5%Gas 55%Oil 40%Mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Trans Pacific Oil Company
 100 South Main Suite 200
 Wichita, Kansas 67206-3735
 ATTN: Jeff Lawler

23-20s-11w Barton
Kasselman #8
 Job Ticket: 17095 **DST#: 5**
 Test Start: 2013.10.17 @ 00:00:00

GENERAL INFORMATION:

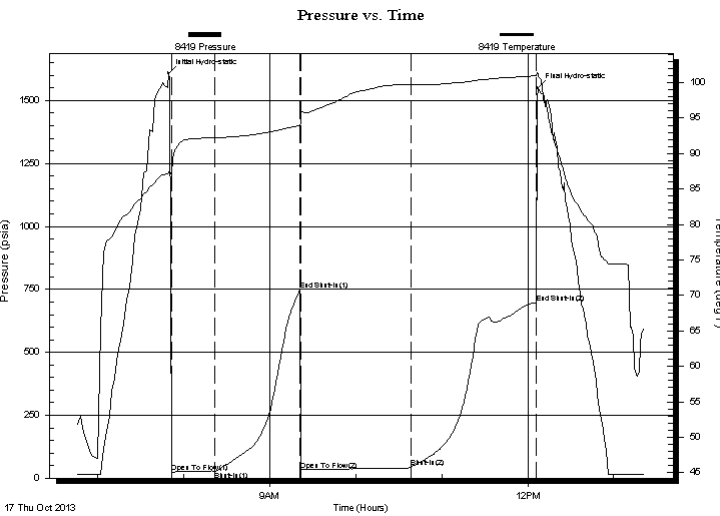
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3284.00 ft (KB) To 3290.00 ft (KB) (TVD)**
 Total Depth: 3290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3335
 Reference Elevations: 1764.00 ft (KB)
 1754.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8419

Inside

Press @ Run Depth: 697.70 psia @ 3286.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.10.17 End Date: 2013.10.17 Last Calib.: 2013.10.17
 Start Time: 06:45:00 End Time: 13:21:30 Time On Btm: 2013.10.17 @ 07:49:30
 Time Off Btm: 2013.10.17 @ 12:07:00

TEST COMMENT: 1st Opening 30 Minutes Weak building blow built to 5 inches into the water
 1st Shut-In 60 Minutes-Weak blow back
 2nd Opening 75 Minutes- Weak building blow built to the bottom of a 5 gallon bucket in 50 minutes
 2nd Shut-In 90 Minutes Weak blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1608.84	87.33	Initial Hydro-static
2	22.82	86.98	Open To Flow (1)
32	28.65	92.26	Shut-In(1)
92	745.69	93.96	End Shut-In(1)
93	32.28	95.72	Open To Flow (2)
169	42.43	99.82	Shut-In(2)
257	697.70	101.00	End Shut-In(2)
258	1550.91	101.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	500 feet of gas in the pipe	0.00
55.00	Heavy oil and gas cut mud	0.27
0.00	5%Gas 55%Oil 40%Mud	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Company**

100 South Main Suite 200
Wichita, Kansas 67206-3735

ATTN: Jeff Lawler

Kasselman #8

23-20s-11w Barton

Start Date: 2013.10.17 @ 00:00:00

End Date: 2013.10.17 @ 00:00:00

Job Ticket #: 17095 DST #: 5

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2013.10.17 @ 13:46:38