

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837
Russell, KS 67665-0837

ATTN: Brad Hutchison

Hall "A" #1

9-11s-19w Ellis,KS

Start Date: 2012.08.22 @ 11:20:23

End Date: 2012.08.22 @ 17:06:47

Job Ticket #: 47445 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.28 @ 10:04:47

Prospect Oil & Gas Corp 9-11s-19w Ellis,KS Hall "A" #1 DST # 1 Tor-LKC "G" 2012.08.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

9-11s-19w Ellis, KS

PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47445

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.22 @ 11:20:23

GENERAL INFORMATION:

Formation: **Tor-LKC "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:02:48

Time Test Ended: 17:06:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: **3245.00 ft (KB) To 3390.00 ft (KB) (TVD)**

Total Depth: 3390.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2050.00 ft (KB)

2045.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 71.18 psig @ 3247.00 ft (KB)

Start Date: 2012.08.22

End Date:

2012.08.22

Start Time: 11:20:23

End Time:

17:06:47

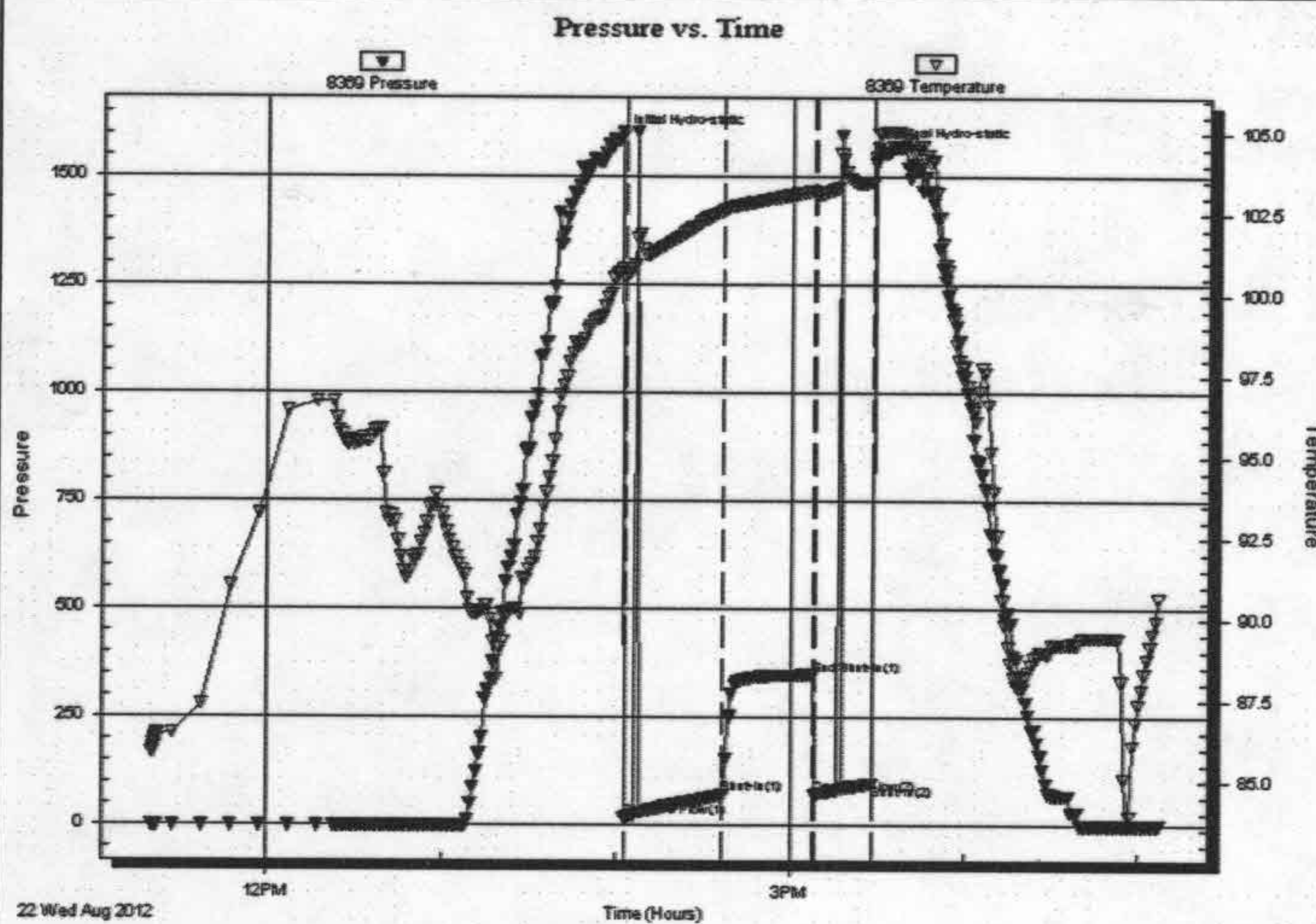
Capacity: 8000.00 psig

Last Calib.: 2012.08.22

Time On Btm: 2012.08.22 @ 14:00:18

Time Off Btm: 2012.08.22 @ 15:32:48

TEST COMMENT: 30-IFP-no bl, flushed tool
30-ISIP-no bl
20-FFP-no bl, flushed tool, pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.90	100.69	Initial Hydro-static
3	17.43	100.57	Open To Flow (1)
37	71.18	102.65	Shut-In(1)
68	349.31	103.23	End Shut-In(1)
68	72.66	103.15	Open To Flow (2)
88	97.77	103.51	Shut-In(2)
93	1555.14	105.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud	0.46
60.00	SOCM 5%O95%M	0.42

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

9-11s-19w Ellis,KS

PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47445

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.22 @ 11:20:23

Tool Information

Drill Pipe:	Length: 2806.00 ft	Diameter: 3.80 inches	Volume: 39.36 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 435.00 ft	Diameter: 2.70 inches	Volume: 3.08 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 42.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3245.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	145.00 ft			
Tool Length:	166.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3225.00	
Shut In Tool	5.00			3230.00	
Hydraulic tool	5.00			3235.00	
Packer	5.00			3240.00	21.00 Bottom Of Top Packer
Packer	5.00			3245.00	
Stubb	1.00			3246.00	
Perforations	1.00			3247.00	
Recorder	0.00	8369	Inside	3247.00	
Recorder	0.00	8700	Outside	3247.00	
Blank Spacing	127.00			3374.00	
Perforations	13.00			3387.00	
Bullnose	3.00			3390.00	145.00 Bottom Packers & Anchor
Total Tool Length:	166.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp

9-11s-19w Ellis,KS

PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47445

DST#: 1

ATTN: Brad Hutchison

Test Start: 2012.08.22 @ 11:20:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud	0.460
60.00	SOCM 5%O95%M	0.425

Total Length: 125.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

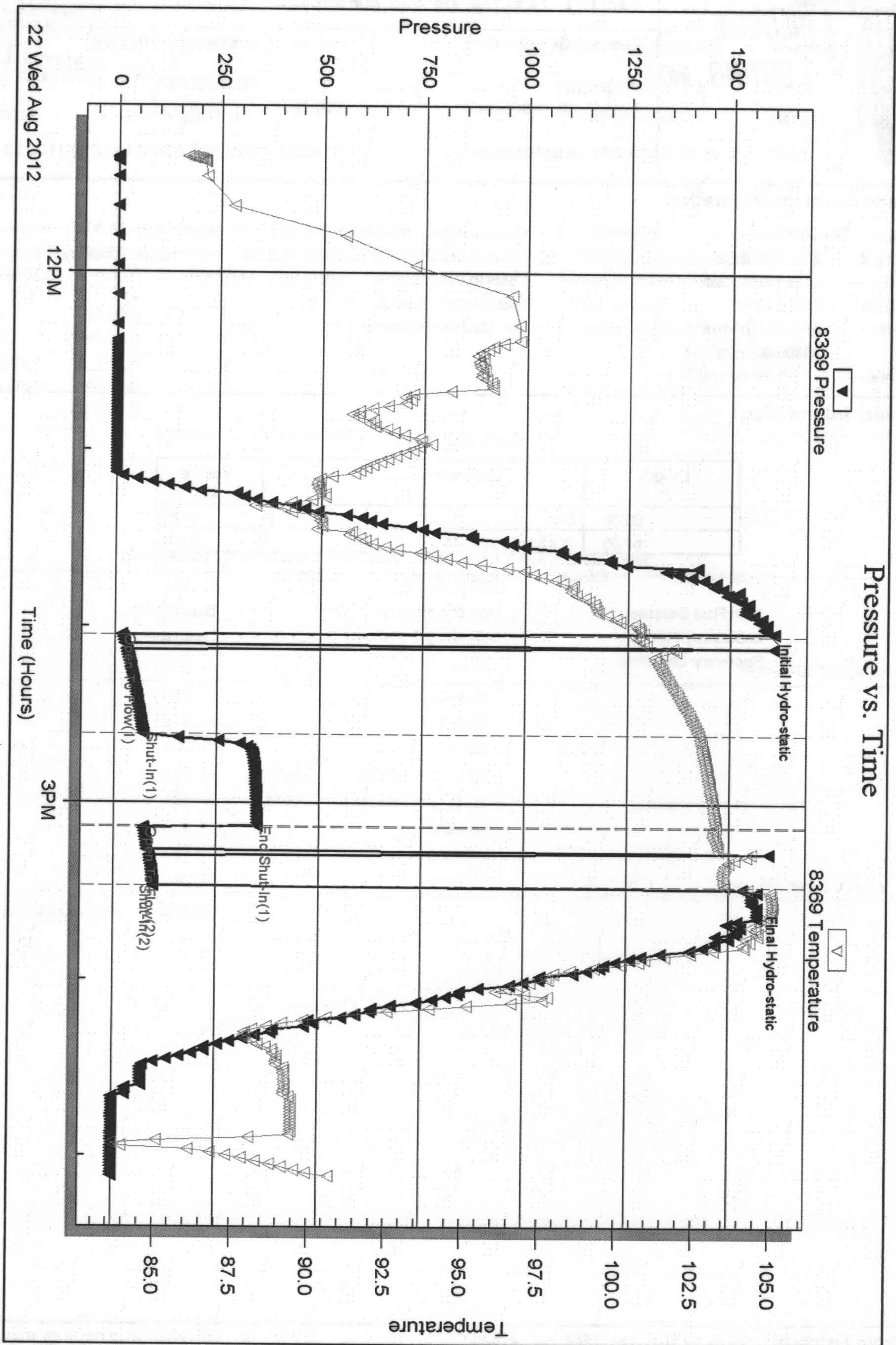
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

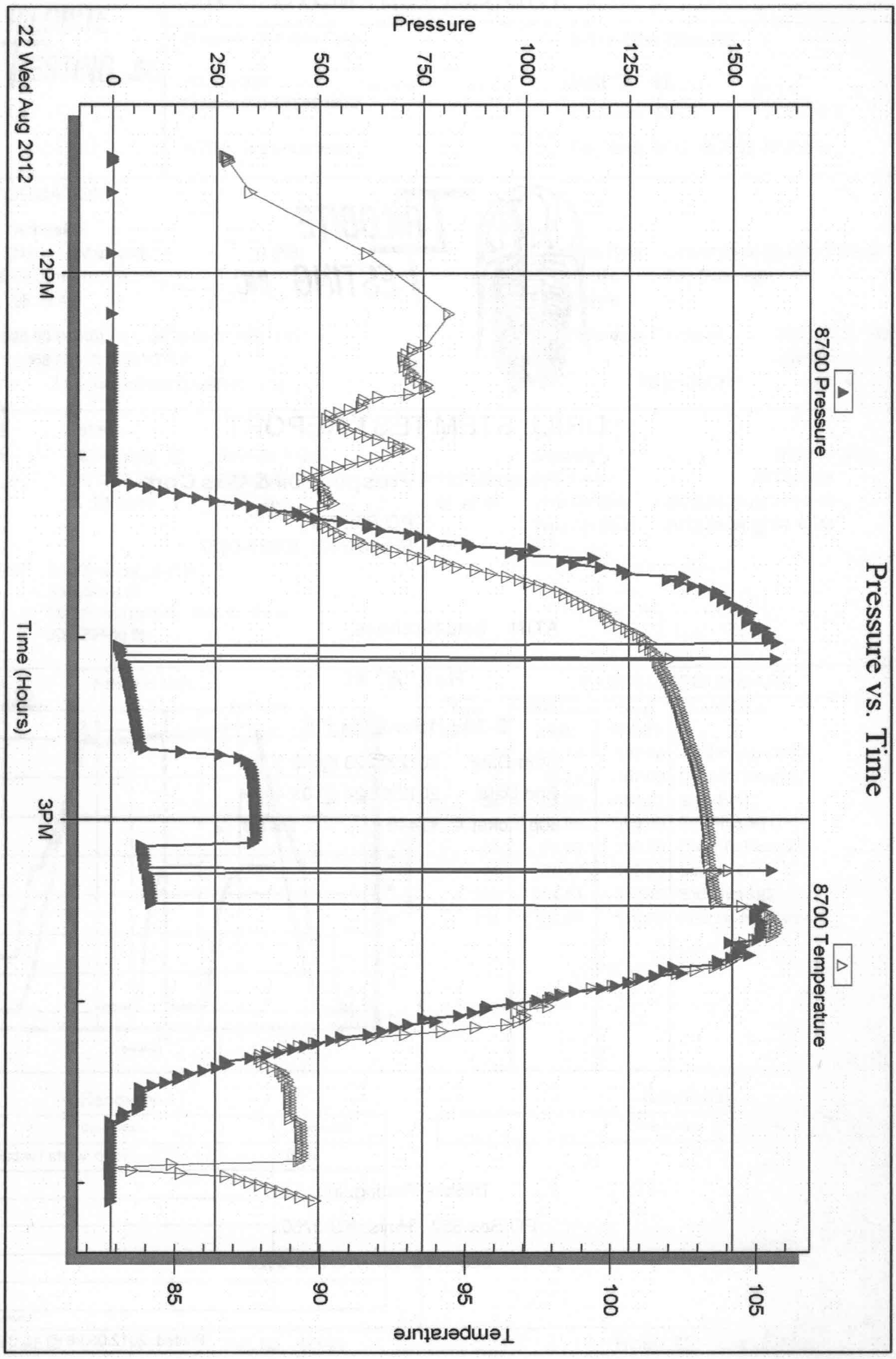


Serial #: 8700

Outside Prospect Oil & Gas Corp

Hall "A" #1

DST Test Number: 1



22 Wed Aug 2012

Time (Hours)

Triobite Testing, Inc

Ref. No: 47445

Printed: 2012.08.28 @ 10:04:51



**TRILOBITE
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DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

9-11s-19w Ellis, KS

PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47446

ATTN: Brad Hutchison

Test Start: 2012.08.23 @ 23:30:50

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:00:45
Time Test Ended: 05:49:44

Test Type: Conventional Shuttle Valve
Tester: Ray Schwager
Unit No: 42

Interval: **3598.00 ft (KB) To 3618.00 ft (KB) (TVD)**
Total Depth: 3680.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3582.00 ft (KB)
3642.00 ft (KB)
KB to GRID: 520.00

Serial #: 8369

Inside

Press@RunDepth: 25.47 psig @ 3609.00 ft (KB)

Capacity:

Start Date: 2012.08.23

End Date:

2012.08.24

Last Calib.:

Start Time: 23:30:50

End Time:

05:49:44

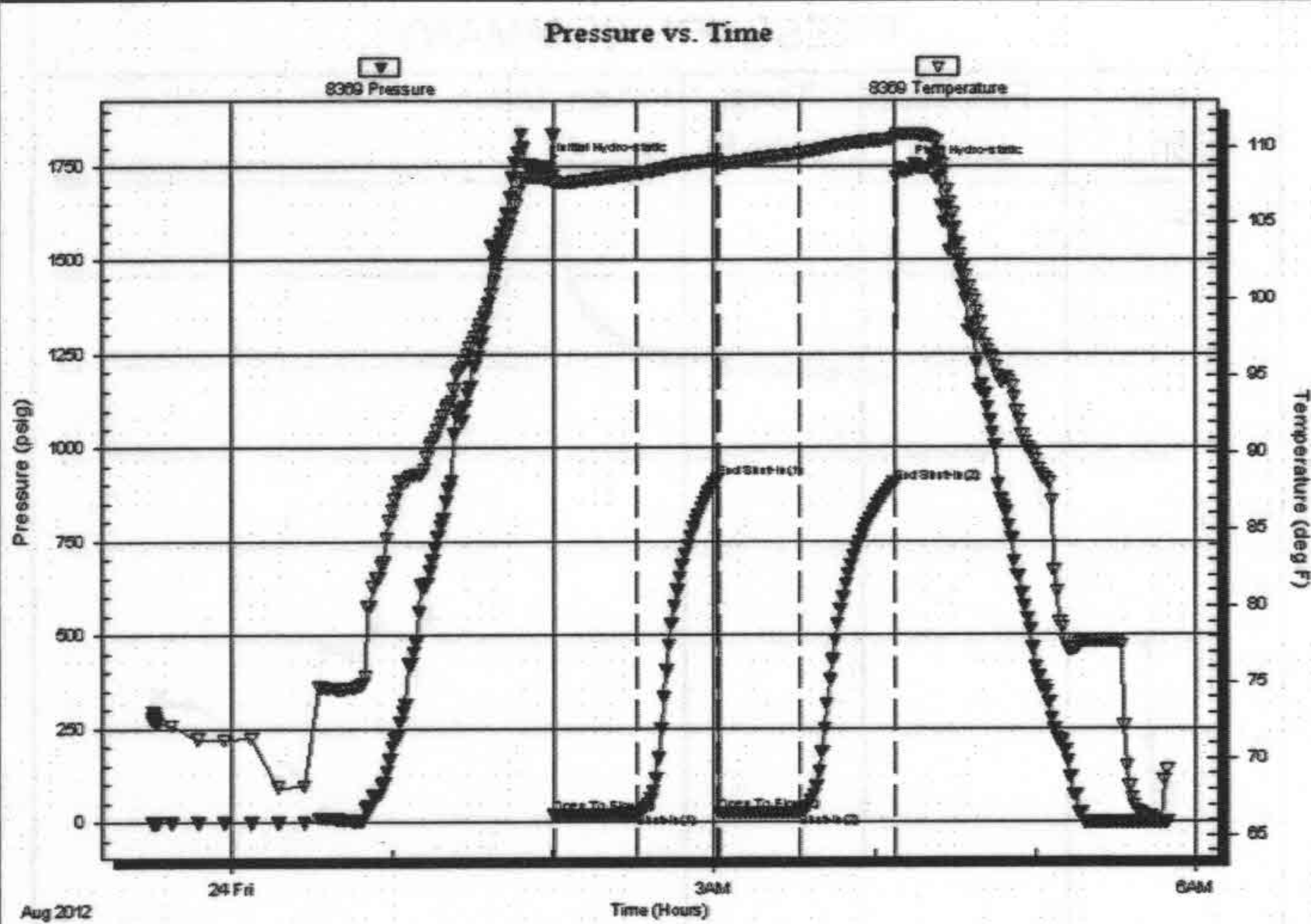
Time On Btm:

2012.08.24 @ 01:57:15

Time Off Btm:

2012.08.24 @ 04:10:44

TEST COMMENT: 30-IFP-w k bl, 1/4" bl
30-ISIP-no bl
30-FFP-surface bl, died in 15 min
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1746.14	107.92	Initial Hydro-488C
4	19.21	107.60	Open To Row (1)
34	23.36	108.22	Shut-In (1)
64	914.86	109.09	End Shut-In (1)
65	24.90	108.86	Open To Row (2)
95	25.47	109.53	Shut-In (2)
130	904.54	110.45	End Shut-In (2)
134	1736.94	110.78	Final Hydro-488C

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w / show of oil	0.04

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Flow (scf)



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

9-11s-19w Ellis, KS

PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47446

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.23 @ 23:30:50

Tool Information

Drill Pipe:	Length: 3151.00 ft	Diameter: 3.80 inches	Volume: 44.20 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 435.00 ft	Diameter: 2.70 inches	Volume: 3.08 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3598.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3618.00 ft			
Interval between Packers:	20.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3578.00	
Shut In Tool	5.00			3583.00	
Hydraulic tool	5.00			3588.00	
Packer	5.00			3593.00	21.00 Bottom Of Top Packer
Packer	5.00			3598.00	
Stubb	1.00			3599.00	
Perforations	10.00			3609.00	
Recorder	0.00	8369	Inside	3609.00	
Recorder	0.00	8700	Outside	3609.00	
Perforations	5.00			3614.00	
Blank Off Sub	1.00			3615.00	
Blank Spacing	3.00			3618.00	20.00 Tool Interval
Packer	5.00			3623.00	
Perforations	26.00			3649.00	
Recorder	0.00	8374	Below	3649.00	
Blank Spacing	33.00			3682.00	
Bullnose	3.00			3685.00	67.00 Bottom Packers & Anchor
Total Tool Length:	108.00				



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PO Box 837
Russell, KS 67665-0837

Hall "A" #1

Job Ticket: 47446

DST#: 2

ATTN: Brad Hutchison

Test Start: 2012.08.23 @ 23:30:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w / show of oil	0.035

Total Length: 5.00ft Total Volume: 0.035 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

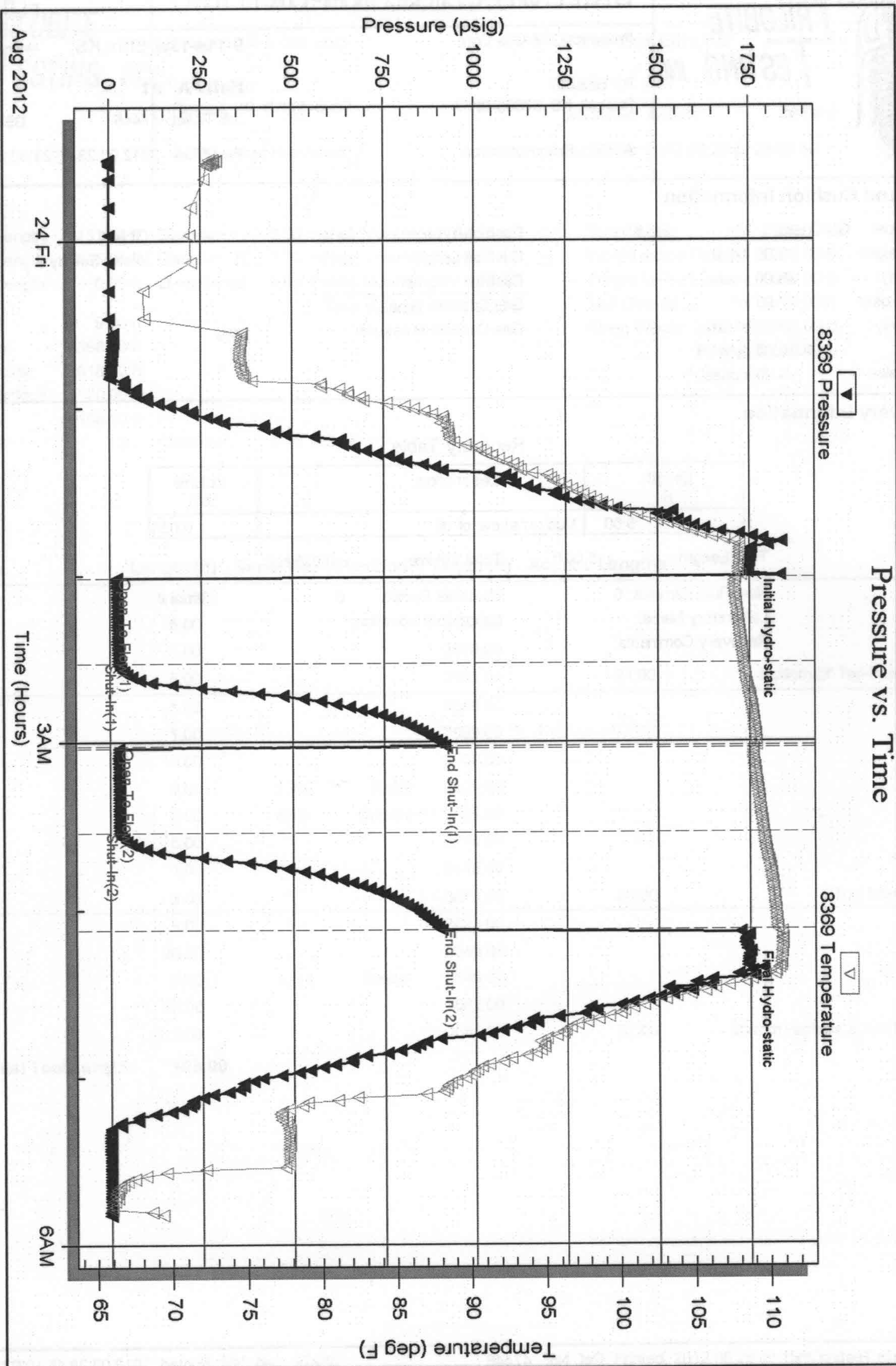
Inside

Prospect Oil & Gas Corp

Hall "A" #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 47446

Printed: 2012.08.28 @ 10:03:56

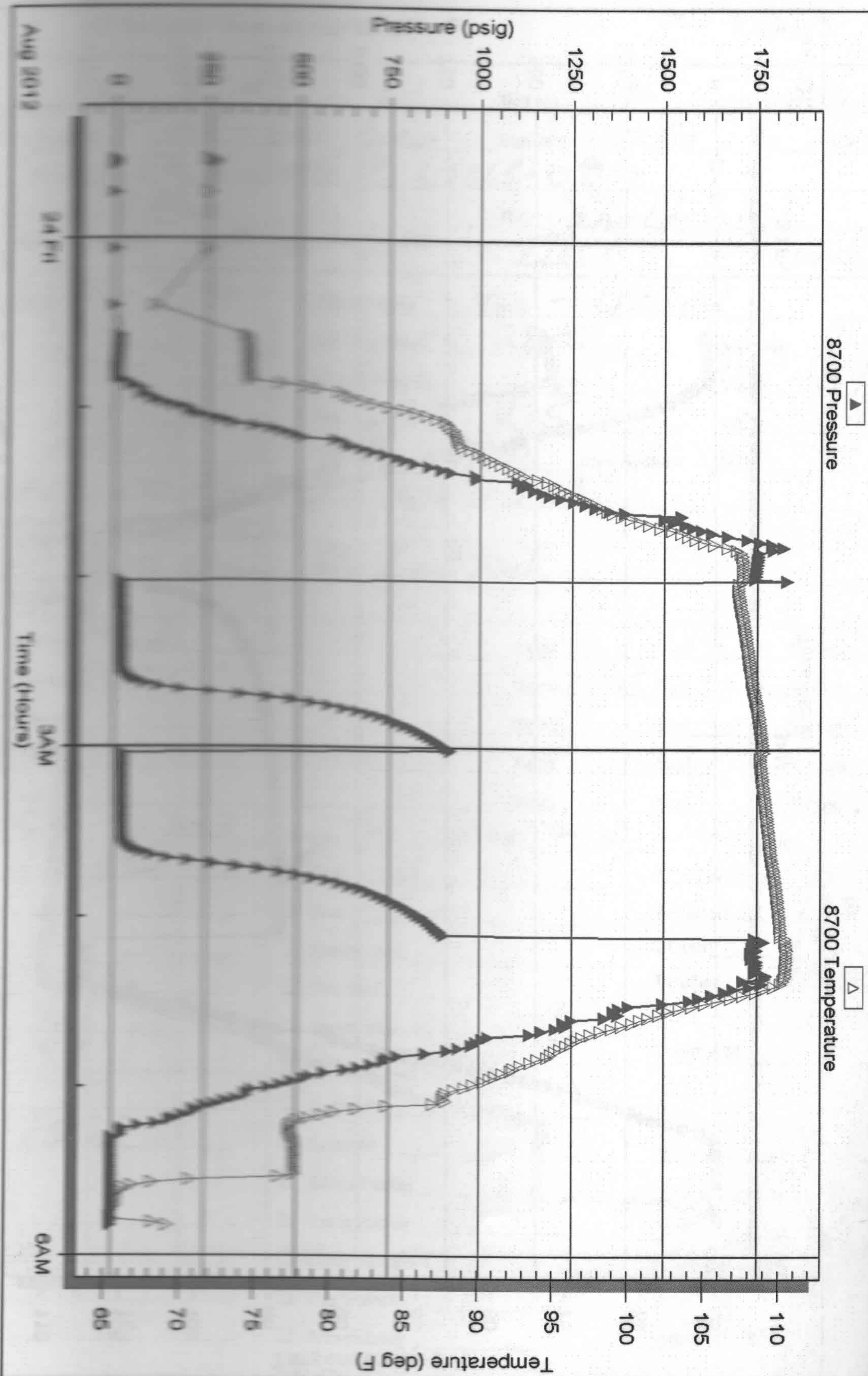
Serial #: 8700

Outside Prospect Oil & Gas Corp

Hall "A" #1

DST Test Number: 2

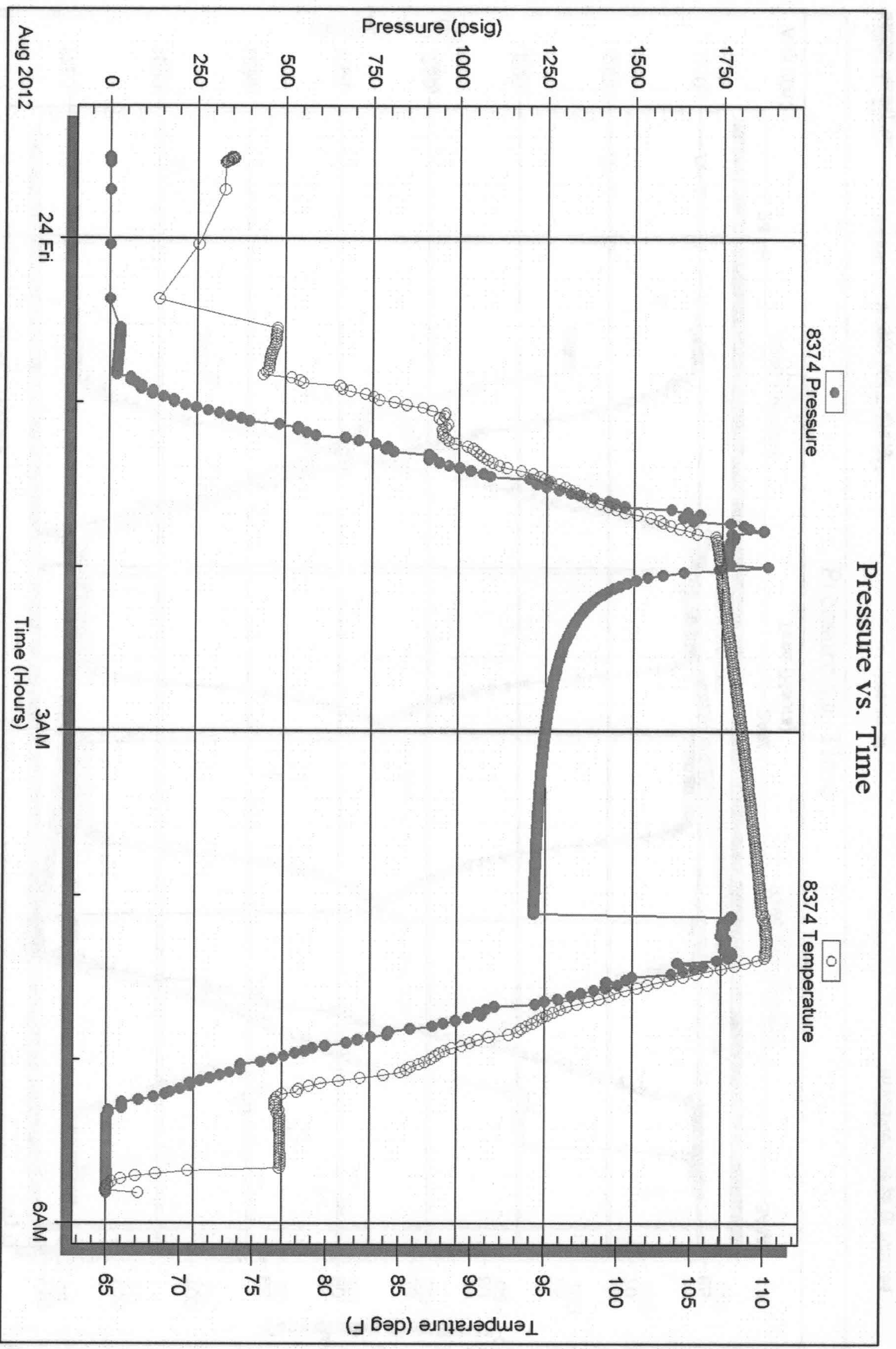
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 47446

Printed: 2012.08.28 @ 10:03:58



Trilobite Testing, Inc

Ref. No: 47446

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