

DRILL STEM TEST REPORT

Prepared For: **Ainsworth Operating Co.**

4676 Commercial St. SE
Salem, OR 97302

ATTN: Randy Killian

33-15s-25w Trego,KS

Basinger #2

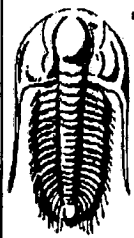
Start Date: 2010.10.06 @ 04:45:04

End Date: 2010.10.06 @ 14:04:04

Job Ticket #: 39016 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Ainsworth Operating Co.

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Salem, OR 97302

ATTN: Randy Killian

Basinger #2

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Job Ticket: 39016

DST#: 1

Test Start: 2010.10.06 @ 04:45:04

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:21:04

Time Test Ended: 14:04:04

Interval: **4352.00 ft (KB) To 4408.00 ft (KB) (TVD)**

Total Depth: **4485.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Straddle**

Tester: **Jason McLemore**

Unit No: **54**

Reference Elevations: **2471.00 ft (KB)**

2461.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8360

Inside

Press@RunDepth: **49.16 psig @ 4357.00 ft (KB)**

Start Date: **2010.10.06**

End Date: **2010.10.06**

Start Time: **04:45:06**

End Time: **14:04:04**

Capacity: **8000.00 psig**

Last Calib.: **2010.10.06**

Time On Btm: **2010.10.06 @ 08:20:19**

Time Off Btm: **2010.10.06 @ 10:23:04**

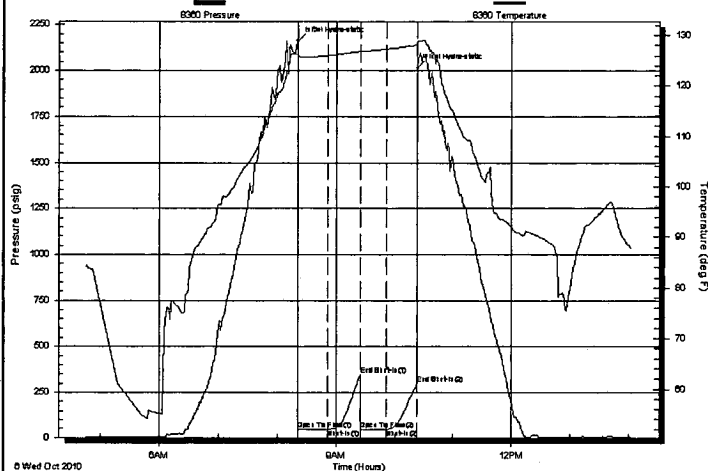
TEST COMMENT: IFP-Weak blow died in 15 Min.

ISI-Dead

FFP-Dead

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.32	126.16	Initial Hydro-static
1	47.10	125.63	Open To Flow (1)
32	48.81	126.01	Shut-In(1)
65	345.01	126.87	End Shut-In(1)
65	46.41	126.75	Open To Flow (2)
91	49.16	127.31	Shut-In(2)
123	298.70	128.03	End Shut-In(2)
123	2015.94	128.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drilling Mud	0.01

Gas Rates

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

Ainsworth Operating Co.

Basinger #2

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DST#: 1

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Test Start: 2010.10.06 @ 04:45:04

Tool Information

Drill Pipe:	Length: 3805.00 ft	Diameter: 3.80 inches	Volume: 53.37 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 533.00 ft	Diameter: 2.25 inches	Volume: 2.62 bbl	Weight to Pull Loose:	105000.0 lb
			Total Volume: 55.99 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	98000.00 lb
Depth to Top Packer:	4352.00 ft			Final	98000.00 lb
Depth to Bottom Packer:	4398.00 ft				
Interval between Packers:	46.00 ft				
Tool Length:	150.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4325.00	
Shut In Tool	5.00			4330.00	
Hydraulic tool	5.00			4335.00	
Jars	5.00			4340.00	
Safety Joint	2.00			4342.00	
Packer	5.00			4347.00	28.00 Bottom Of Top Packer
Packer	5.00			4352.00	
Stubb	1.00			4353.00	
Perforations	3.00			4356.00	
Change Over Sub	1.00			4357.00	
Recorder	0.00	8360	Inside	4357.00	
Recorder	0.00	6755	Outside	4357.00	
Blank Spacing	31.00			4388.00	
Change Over Sub	1.00			4389.00	
Perforations	5.00			4394.00	
Blank Off Sub	1.00			4395.00	
Blank Spacing	3.00			4398.00	46.00 Tool Interval
Packer	1.00			4399.00	
Recorder	0.00	6668	Below	4399.00	
Perforations	7.00			4406.00	
Change Over Sub	1.00			4407.00	
Blank Spacing	63.00			4470.00	
Change Over Sub	1.00			4471.00	
Bullnose	3.00			4474.00	76.00 Bottom Packers & Anchor
Total Tool Length:	150.00				



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FLUID SUMMARY

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Basinger #2

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Job Ticket: 39016

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ATTN: Randy Killian

Test Start: 2010.10.06 @ 04:45:04

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Drilling Mud	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

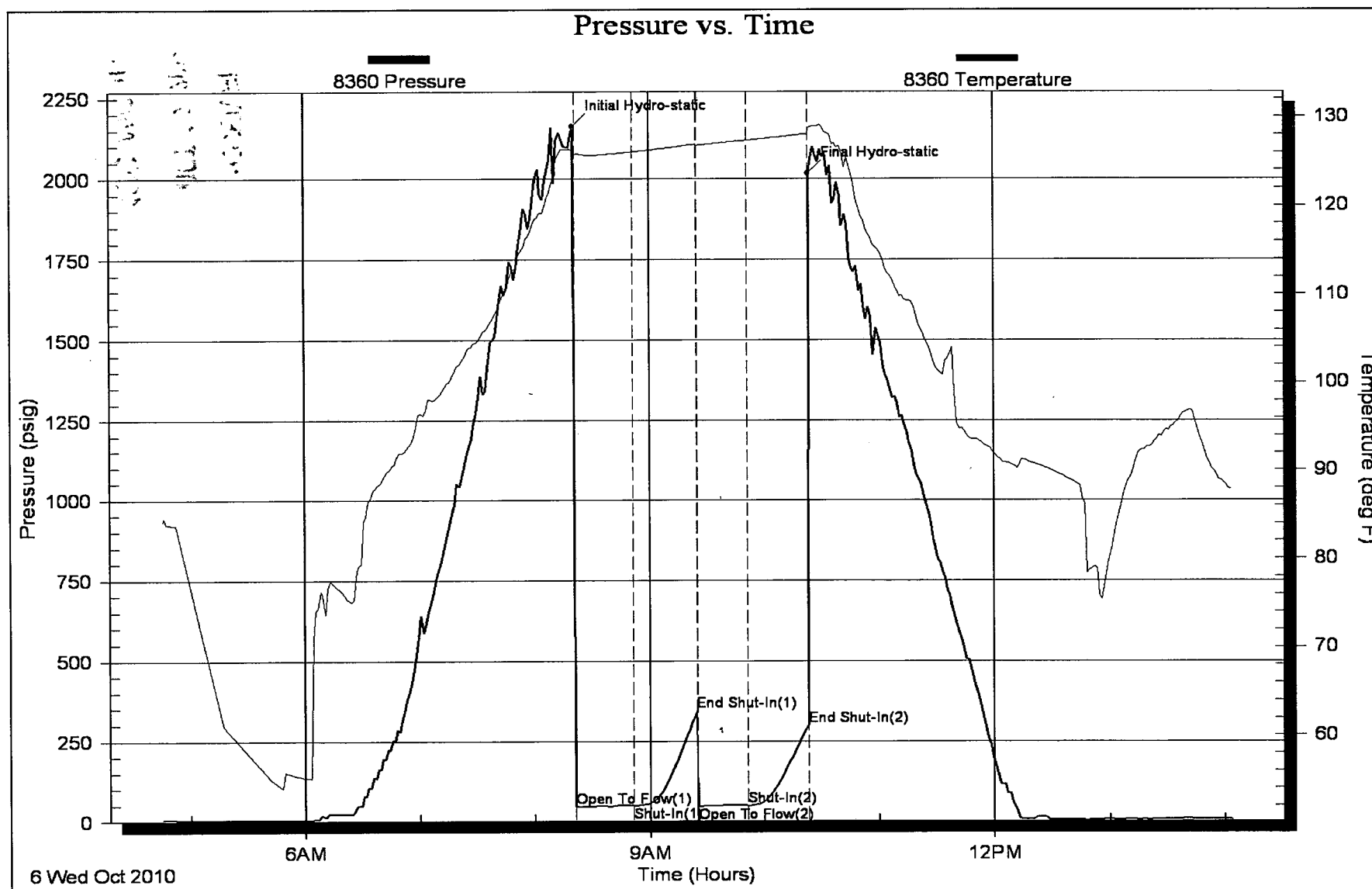
Laboratory Location:

Recovery Comments:

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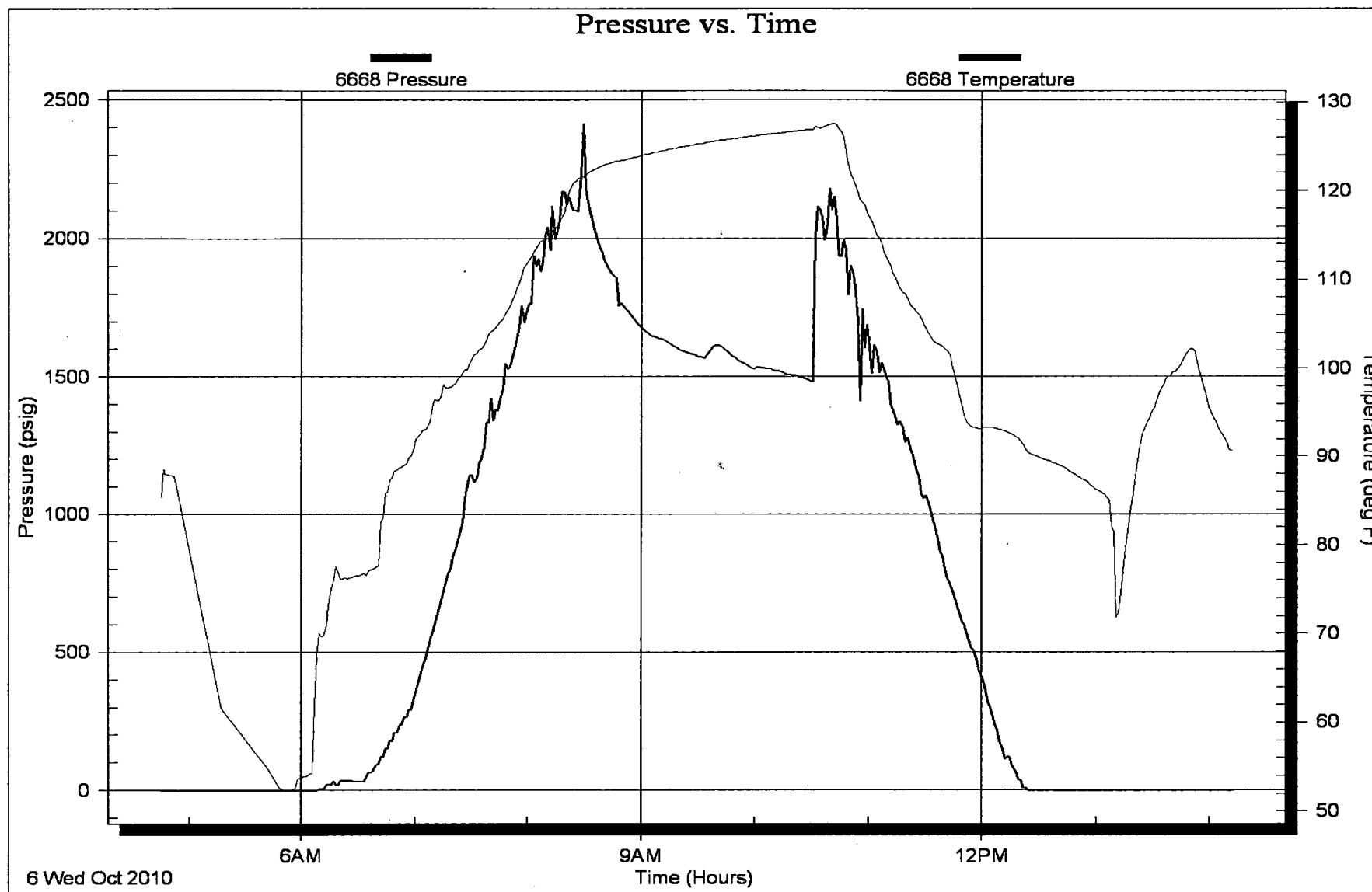


Serial #: 6668

Below (Strat) North Operating Co.

33-15s-25w Trego, KS

DST Test Number: 1



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