



DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr & Associates**

ATTN: Clayton Camozzi

1/16s/16w Rush KS

Wagner Trust 6-1

Start Date: 2011.07.05 @ 05:02:05

End Date: 2011.07.05 @ 12:32:09

Job Ticket #: 43504 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



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Job Ticket: 43504

DST#: 3

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Test Start: 2011.07.05 @ 05:02:05

GENERAL INFORMATION:

Formation: **LKC"I,J,K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 12:32:09

Test Type: Conventional Bottom Hole

Tester: Andy Carreira

Unit No: 39

Interval: 3336.00 ft (KB) To 3390.00 ft (KB) (TVD)

Reference Elevations: 1920.00 ft (KB)

Total Depth: 3390.00 ft (KB) (TVD)

1912.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8017 Inside

Press @ Run Depth: psig @ 3384.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.05 End Date: 2011.07.05

Last Calib.: 2011.07.05

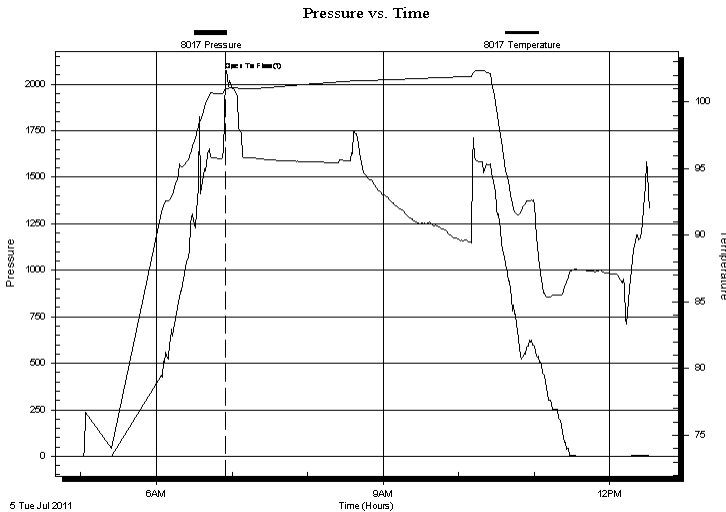
Start Time: 05:02:05 End Time: 12:32:10

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:(10min) Weak, Surface Blow
 IS:(80min) No Return
 FF:(15min) No Blow, Flushed Tool, Surge, No Blow
 FS:(90min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.67	100.97	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

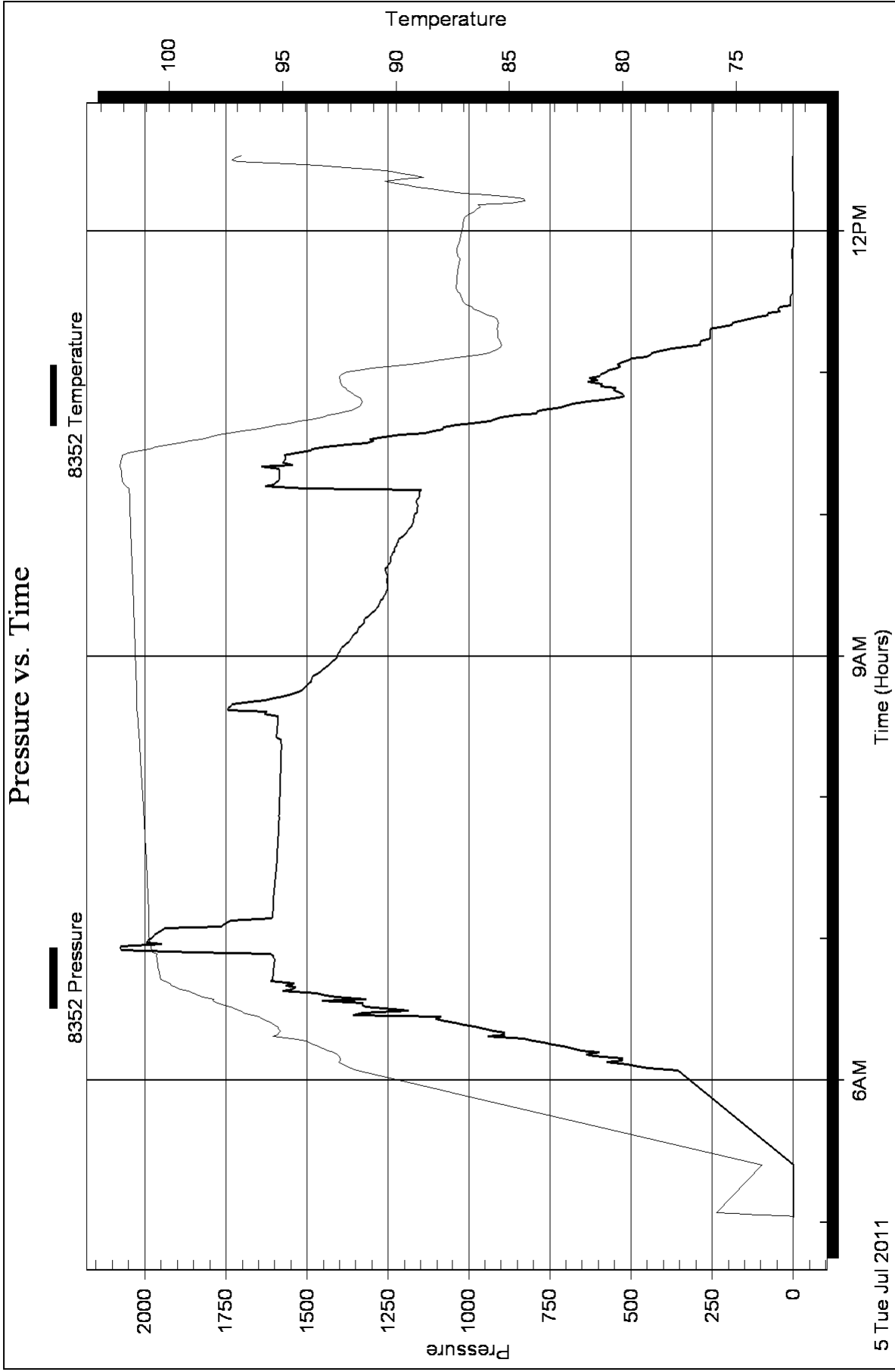
Drill Pipe:	Length: 3296.00 ft	Diameter: 3.80 inches	Volume: 46.23 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 46.38 bbl</u>	Tool Chased	15.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3346.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

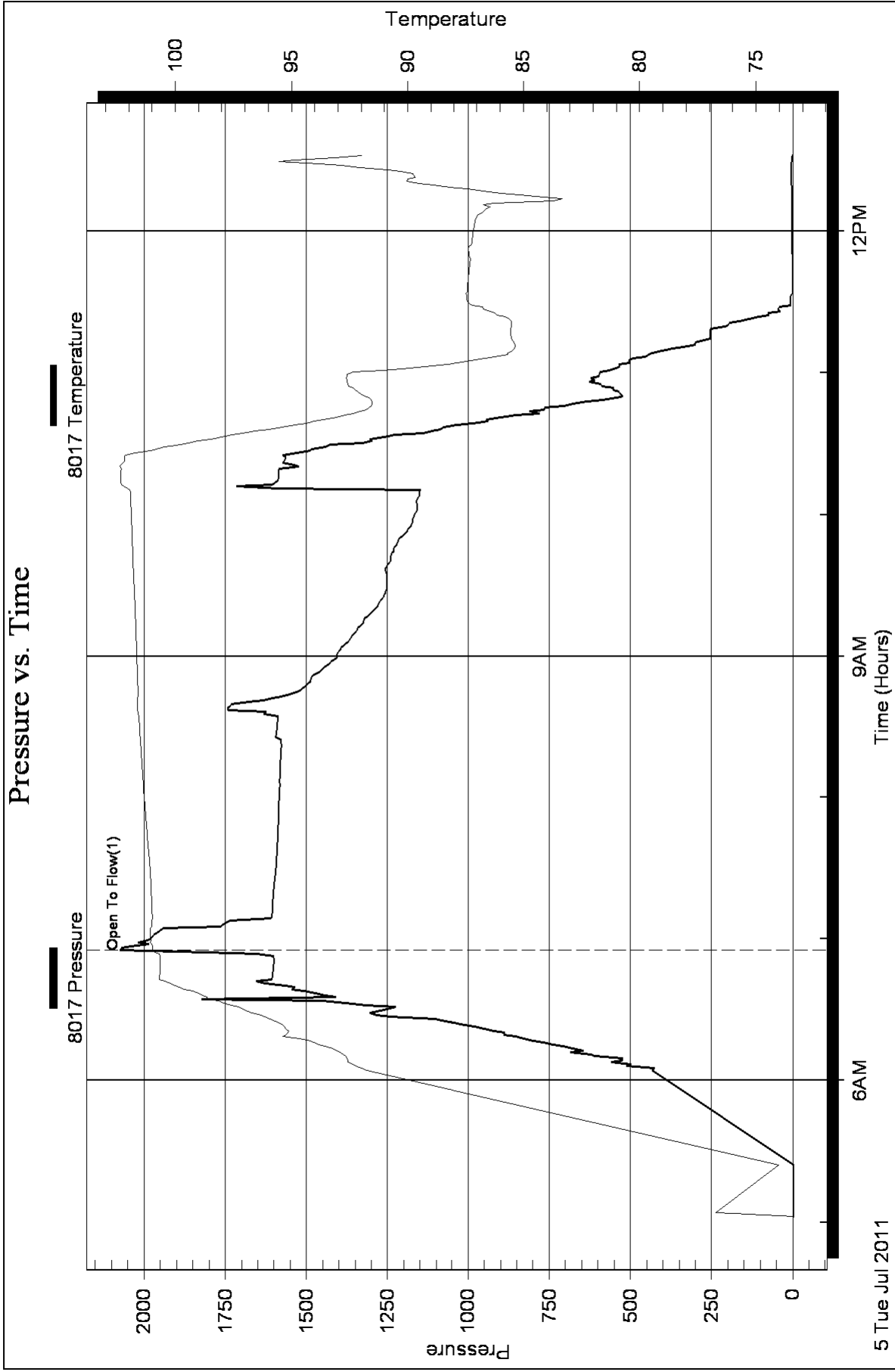
Tool Comments:

Hit Bridges 300ft From 8650 Bottom. Slid 15ft = Misrun

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8650	Fluid	3311.00	
Blank Spacing	5.00			3316.00	
Shut In Tool	5.00			3321.00	
Sampler	3.00			3324.00	
Hydraulic tool	5.00			3329.00	
Jars	5.00			3334.00	
Safety Joint	3.00			3337.00	
Packer	5.00			3342.00	35.00 Bottom Of Top Packer
Packer	4.00			3346.00	
Stubb	1.00			3347.00	
Perforations	4.00			3351.00	
Change Over Sub	1.00			3352.00	
Blank Spacing	31.00			3383.00	
Change Over Sub	1.00			3384.00	
Recorder	0.00	8017	Inside	3384.00	
Recorder	0.00	8352	Outside	3384.00	
Perforations	13.00			3397.00	
Bullnose	3.00			3400.00	54.00 Bottom Packers & Anchor

Total Tool Length: 89.00





Serial #: 8650

Fluid

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DST Test Number: 3

