



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Colborn A-1

23-33s-12w Barber,KS

Start Date: 2012.09.29 @ 18:17:37

End Date: 2012.09.30 @ 01:04:07

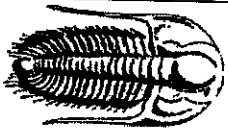
Job Ticket #: 49680 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.03 @ 10:36:56



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

R & B Oil & Gas
PO Box 195
Attica, KS 67009
ATTN: Tim Pierce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49680 DST#: 1
Test Start: 2012.09.29 @ 18:17:37

GENERAL INFORMATION:

Formation: **Swope & Hertha**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 20:00:22
Time Test Ended: 01:04:07
Interval: **4337.00 ft (KB) To 4434.00 ft (KB) (TVD)**
Total Depth: **4434.00 ft (KB) (TVD)**
Hole Diameter: **7.88** Inches Hole Condition: **Good**

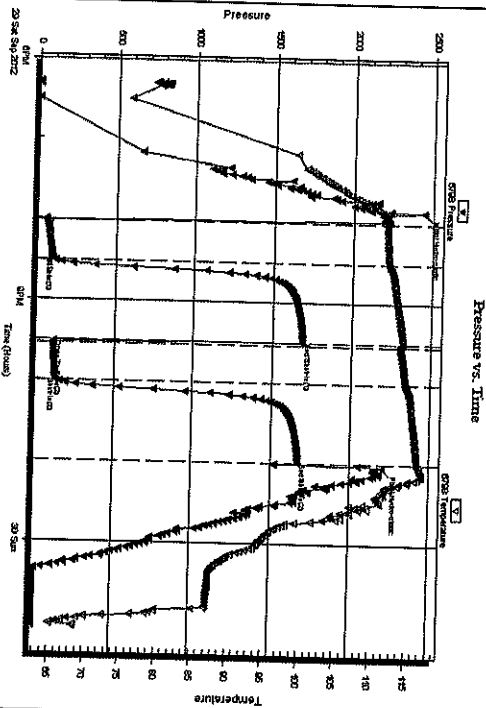
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Leal Cason**
Unit No: **45**
Reference Elevations: **1498.00 ft (KB)**
1488.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 Inside
Press@RunDepth: **126.19 psig @ 4338.00 ft (KB)**
Start Date: **2012.09.29** End Date:
Start Time: **18:17:38** End Time:

Capacity: **8000.00 psig**
Last Callb.: **2012.09.30**
Time On Btm: **2012.09.29 @ 19:52:22**
Time Off Btm: **2012.09.29 @ 23:02:22**

TEST COMMENT:

IF: Weak Blow, 3/4 inch
SI: No Blow Back
FF: Weak Surface Blow
FSI: No Blow Back



PRESSURE SUMMARY

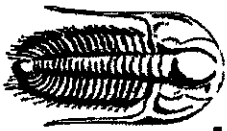
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2448.65	110.98	Initial Hydro-static
8	54.24	111.30	Open To Flow (1)
39	100.31	112.09	Shut-In(1)
98	1689.97	114.25	End Shut-In(1)
100	111.48	113.80	Open To Flow (2)
128	126.19	114.64	Shut-In(2)
188	1671.56	116.45	End Shut-In(2)
190	2205.04	116.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
60.00	MCM 30%M 70%AW	0.30
65.00	WCM 40%AW 60%M	0.37

Gas Rates

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



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DRILL STEM TEST REPORT

R & B Oil & Gas

23-33s-12w Barber, KS

PO Box 195
Attica, KS 67009

Colborn A-1

Job Ticket: 49680

DST#: 1

ATTN: Tim Perce

Test Start: 2012.09.29 @ 18:17:37

GENERAL INFORMATION:

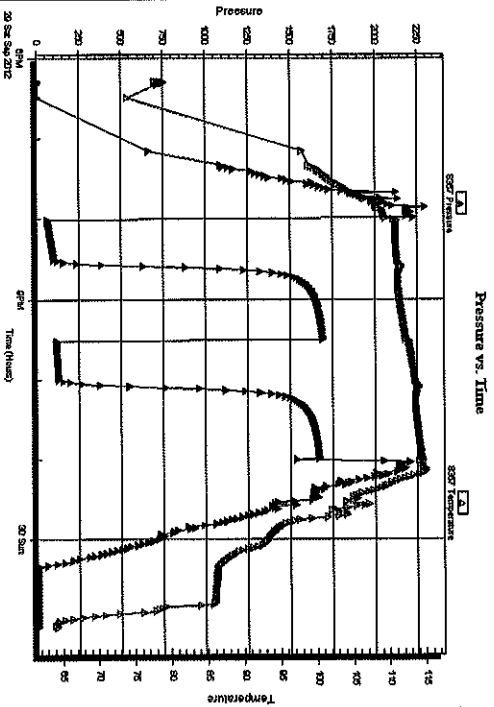
Formation: **Swope & Hertha**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:00:22
 Time Test Ended: 01:04:07
 Interval: **4337.00 ft (KB) To 4434.00 ft (KB) (TVD)**
 Total Depth: **4434.00 ft (KB) (TVD)**
 Hole Diameter: **7.88** Inches-Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: **1498.00 ft (KB)**
1488.00 ft (CF)
10.00 ft
 KB to GR/CF:

Serial #: 8367 Outside
 Press@RunDepth: psig @ 4338.00 ft (KB)
 Start Date: 2012.09.29 End Date: 2012.09.30
 Start Time: 18:17:38 End Time: 01:05:52
 Time Off Btm:

Capacity: 8000.00 psig
 Last Calib.: 2012.09.30
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak Blow, 3/4 inch
 IS: No Blow Back
 FF: Weak Surface Blow
 FSI: No Blow Back



PRESSURE SUMMARY

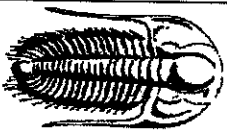
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCW 30%M 70%W	0.30
65.00	WCM 40%W 60%M	0.37

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas
PO Box 195
Attica, KS 67009

23-33s-12w Barber, KS

Colborn A-1

Job Ticket: 49680

DST#: 1

ATTN: Tim Pierce

Test Start: 2012.09.29 @ 18:17:37

Tool Information

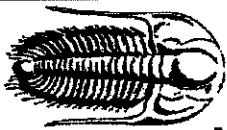
Drill Pipe:	Length: 4209.00 ft	Diameter: 3.80 Inches	Volume: 59.04 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 Inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 Inches	Volume: 0.59 bbl	Weight to Pull Loose: 90000.00 lb
		<u>Total Volume:</u>	59.63 bbl	Tool Chased ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4337.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	97.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4322.00	
Hydraulic tool	5.00			4327.00	
Packer	5.00			4332.00	20.00
Packer	5.00			4337.00	Bottom Of Top Packer
Stubb	1.00			4338.00	
Recorder	0.00	6798	Inside	4338.00	
Recorder	0.00	8367	Outside	4338.00	
Perforations	8.00			4346.00	
Change Over Sub	1.00			4347.00	
Drill Pipe	63.00			4410.00	
Change Over Sub	1.00			4411.00	
Perforations	20.00			4431.00	
Bullnose	3.00			4434.00	97.00
					Bottom Packers & Anchor

Total Tool Length: 117.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas
PO Box 195
Attica, KS 67009
ATTN: Tim Ferce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49680
DST#: 1
Test Start: 2012.09.29 @ 18:17:37

Mud and Cushion Information

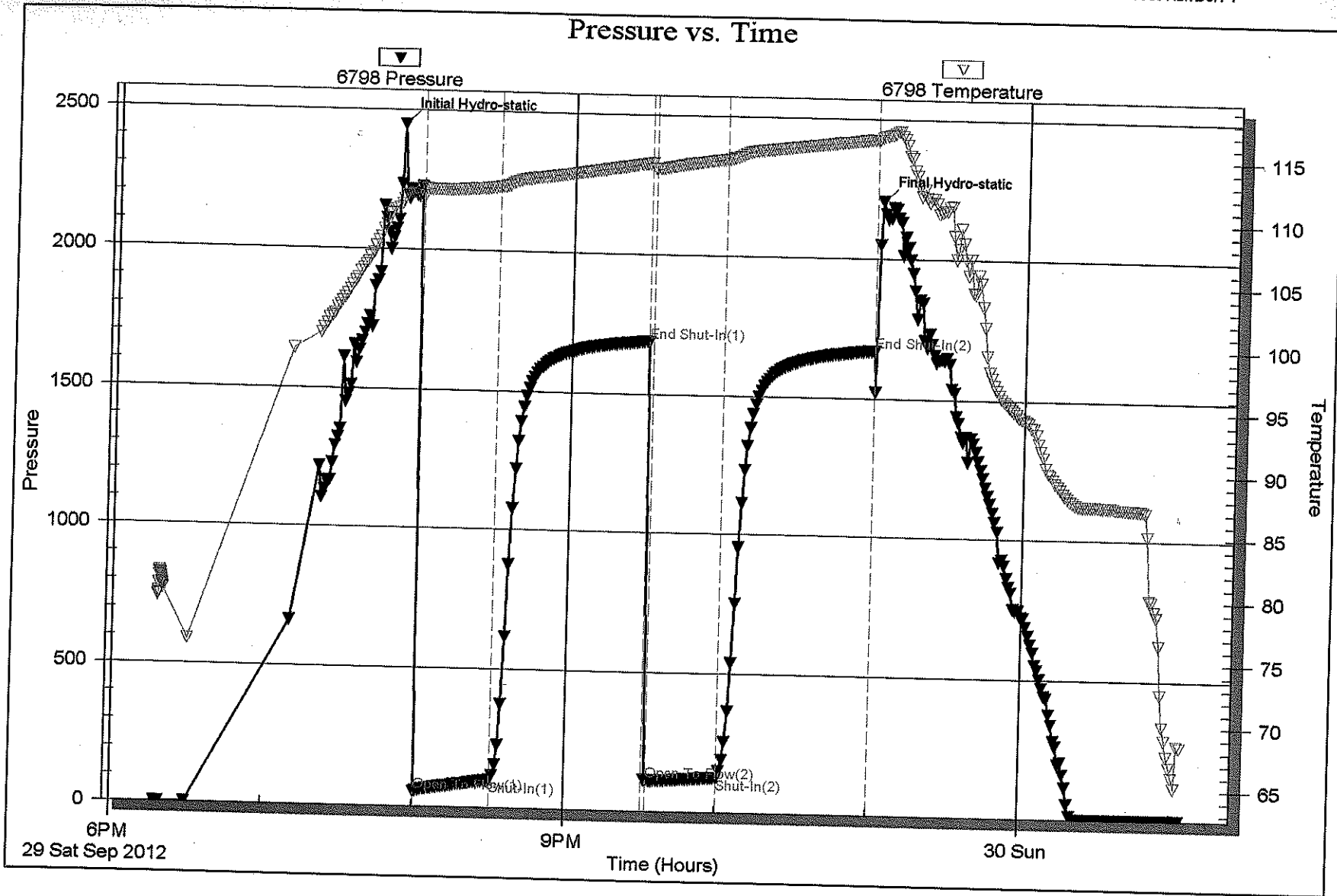
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	126000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume:		bbl
Water Loss: 8.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		psig
Salinity: 4500.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCM 30%M 70%W	0.295
65.00	WCM 40%W 60%M	0.374

Total Length: 125.00 ft Total Volume: 0.669 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW was .065 @ 72 degrees

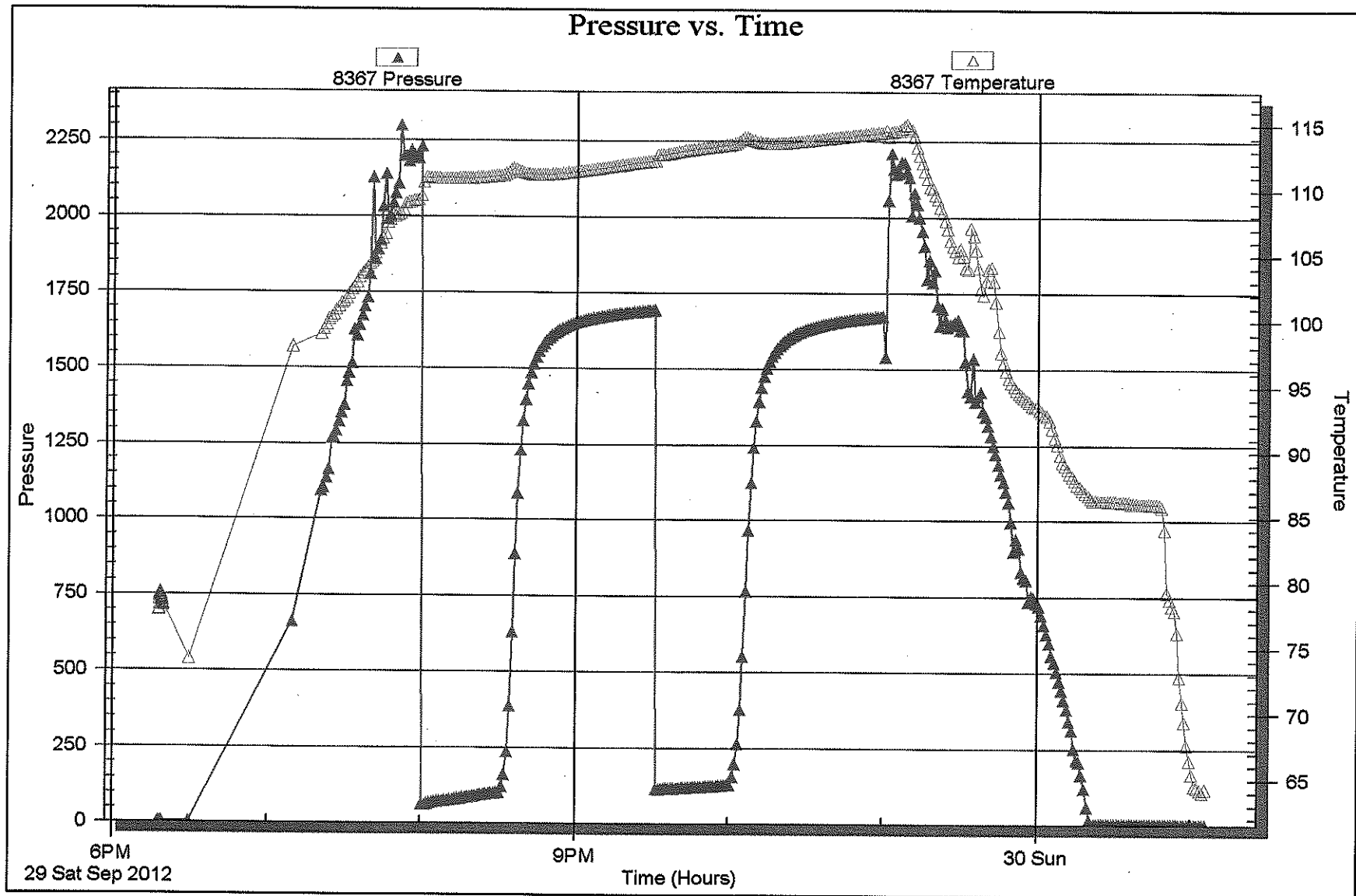


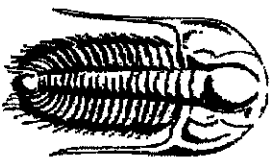
Serial #: 8367

Outside R & B Oil & Gas

Colborn A-1

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Colborn A-1

23-33s-12w Barber,KS

Start Date: 2012.09.30 @ 10:43:51

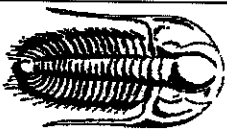
End Date: 2012.09.30 @ 20:27:21

Job Ticket #: 49681 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRIOBITE TESTING, INC.

DRILL STEM TEST REPORT

R & B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

23-33s-12w Barber, KS

Colborn A-1

Job Ticket: 49681

DST#: 2

Test Start: 2012.09.30 @ 10:43:51

GENERAL INFORMATION:

Formation: Mississippi
Deviated: No
Whipstock: No
Time Tool Opened: 12:42:06
Time Test Ended: 20:27:21

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 4520.00 ft (KB) To 4610.00 ft (KB) (TVD)
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 incheshole Condition: Good

Reference Elevations: 1498.00 ft (KB)

1488.00 ft (CF)

KB to GRCF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 429.33 psig @ 4521.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.30

2012.09.30

Last Callb.: 2012.09.30

Start Time: 10:43:52

End Date: 20:27:21

Time On Btm: 2012.09.30 @ 12:32:06

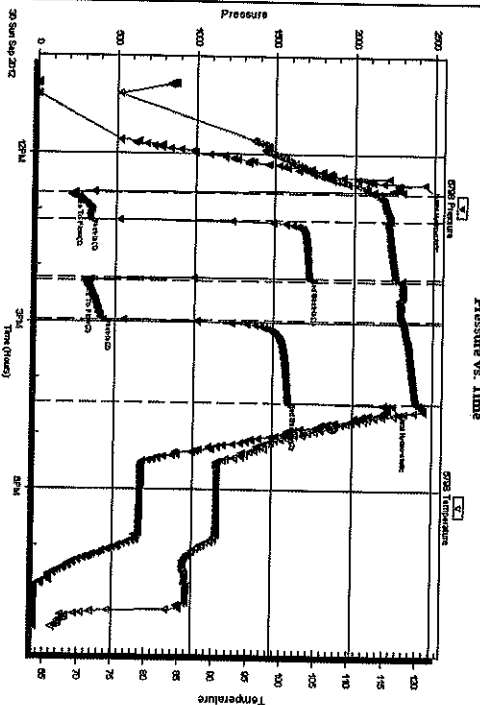
Time Off Btm: 2012.09.30 @ 16:28:36

TEST COMMENT: IF: Strong Blow, BOB in 15 seconds, GTS in 7 minutes, Gauged Gas

ISI: No Blow Back

FF: Strong Blow, BOB & GTS Immediate, Gauged Gas

Fst: 1 1/2 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2443.38	109.35	Initial Hydro-static
10	240.57	113.90	Open To Flow (1)
39	338.08	115.73	Shut-In(1)
101	1720.30	116.57	End Shut-In(1)
104	299.76	117.43	Open To Flow (2)
146	429.33	117.66	Shut-In(2)
235	1594.89	119.70	End Shut-In(2)
237	2250.57	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3248 GIP	0.00
1240.00	Gsy Oil 10%G 90%O	16.31
20.00	OCM 20%O 80%M	0.28

Gas Rates

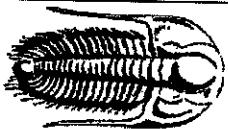
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	46.00	95.82
Last Gas Rate	0.50	20.00	232.05
Max. Gas Rate	0.25	92.00	168.79

* Recovery from multiple tests

Triobite Testing, Inc

Ref. No: 49681

Printed: 2012.10.03 @ 10:36:00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

R & B Oil & Gas

23-33s-12w Barber, KS

PO Box 195
Attica, KS 67009

Colborn A-1

Job Ticket: 49681

DST#: 2

ATTN: Tim Perce

Test Start: 2012.09.30 @ 10:43:51

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 12:42:06
Time Test Ended: 20:27:21

Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Leal Cason**
Unit No: **45**

Interval: **4520.00 ft (KB) To 4610.00 ft (KB) (TVD)**
Total Depth: **4610.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

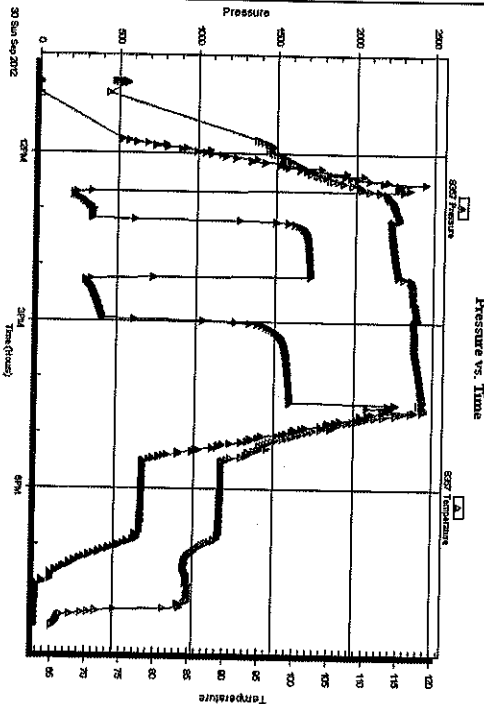
Reference Elevations: **1498.00 ft (KB)**
1488.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8367 **Outside**
Press@RunDepth: **psig @ 4521.00 ft (KB)**
Start Date: **2012.09.30** End Date: **2012.09.30**
Start Time: **10:43:52** End Time: **20:27:06**

Capacity: **8000.00 psig**
Last Callb.: **2012.09.30**
Time On Btm: **Time Off Btm:**

TEST COMMENT: IF: Strong Blow, BOB in 15 seconds, GTS in 7 minutes, Gauged Gas

ISI: No Blow Back
FF: Strong Blow, BOB & GTS Immediate, Gauged Gas
FSI: 1 1/2 Inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3248 GP	0.00
1240.00	Gsy Oil 10% G 90% O	16.31
20.00	OCM 20% O 80% M	0.28

* Recovery from multiple tests

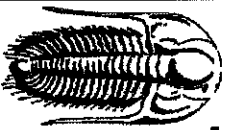
Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (M/d)
First Gas Rate	0.25	46.00	95.82
Last Gas Rate	0.50	20.00	232.05
Max. Gas Rate	0.25	92.00	168.79

TriLOBITE Testing, Inc

Ref. No: 49681

Printed: 2012.10.03 @ 10:36:00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

23-33s-12w Barber,KS

PO Box 195

Colborn A-1

Atlica, KS 67009

Job Ticket: 49681

DST#:2

ATTN: Tim Pierce

Test Start: 2012.09.30 @ 10:43:51

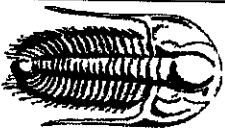
Tool Information

Drill Pipe:	Length: 4398.00 ft	Diameter: 3.80 inches	Volume: 61.69 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume:</u> 62.28 bbl	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4520.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	110.00 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			4505.00	
Hydraulic tool	5.00			4510.00	
Packer	5.00			4515.00	20.00
Packer	5.00			4520.00	Bottom Of Top Packer
Stub	1.00			4521.00	
Recorder	0.00	6798	Inside	4521.00	
Recorder	0.00	8367	Outside	4521.00	
Perforations	2.00			4523.00	
Change Over Sub	1.00			4524.00	
Drill Pipe	62.00			4586.00	
Change Over Sub	1.00			4587.00	
Perforations	20.00			4607.00	
Bullnose	3.00			4610.00	90.00
					Bottom Packers & Anchor
Total Tool Length:	110.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas
PO Box 195
Attica, KS 67009
ATTN: Tim Pierce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49681
DST#: 2
Test Start: 2012.09.30 @ 10:43:51

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	16.8 deg AP
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume:	Gas Cushion Pressure:	psig
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m			
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3248 GIP	0.000
1240.00	Gas Oil 10%G 90%O	16.310
20.00	OCM 20%O 80%M	0.281

Total Length: 1260.00 ft Total Volume: 16.591 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity Was 19.2 @ 84 degrees



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

R & B Oil & Gas

23-33s-12w Barber,KS

PO Box 195

Colborn A-1

Attica, KS 67009

Job Ticket: 49681

DST#: 2

ATTN: Tim Perce

Test Start: 2012.09.30 @ 10:43:51

Gas Rates Information

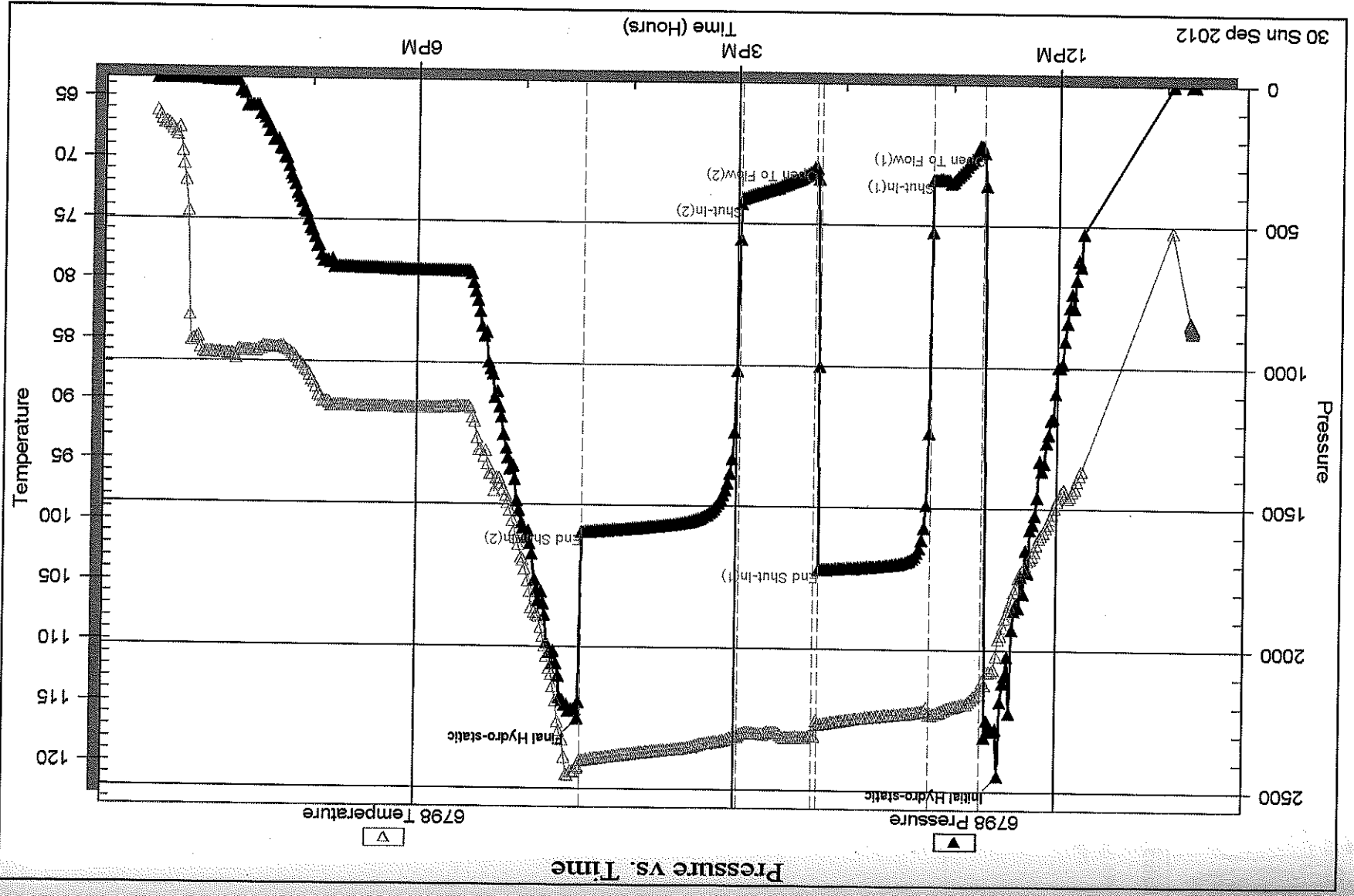
Temperature: 59 (deg F)

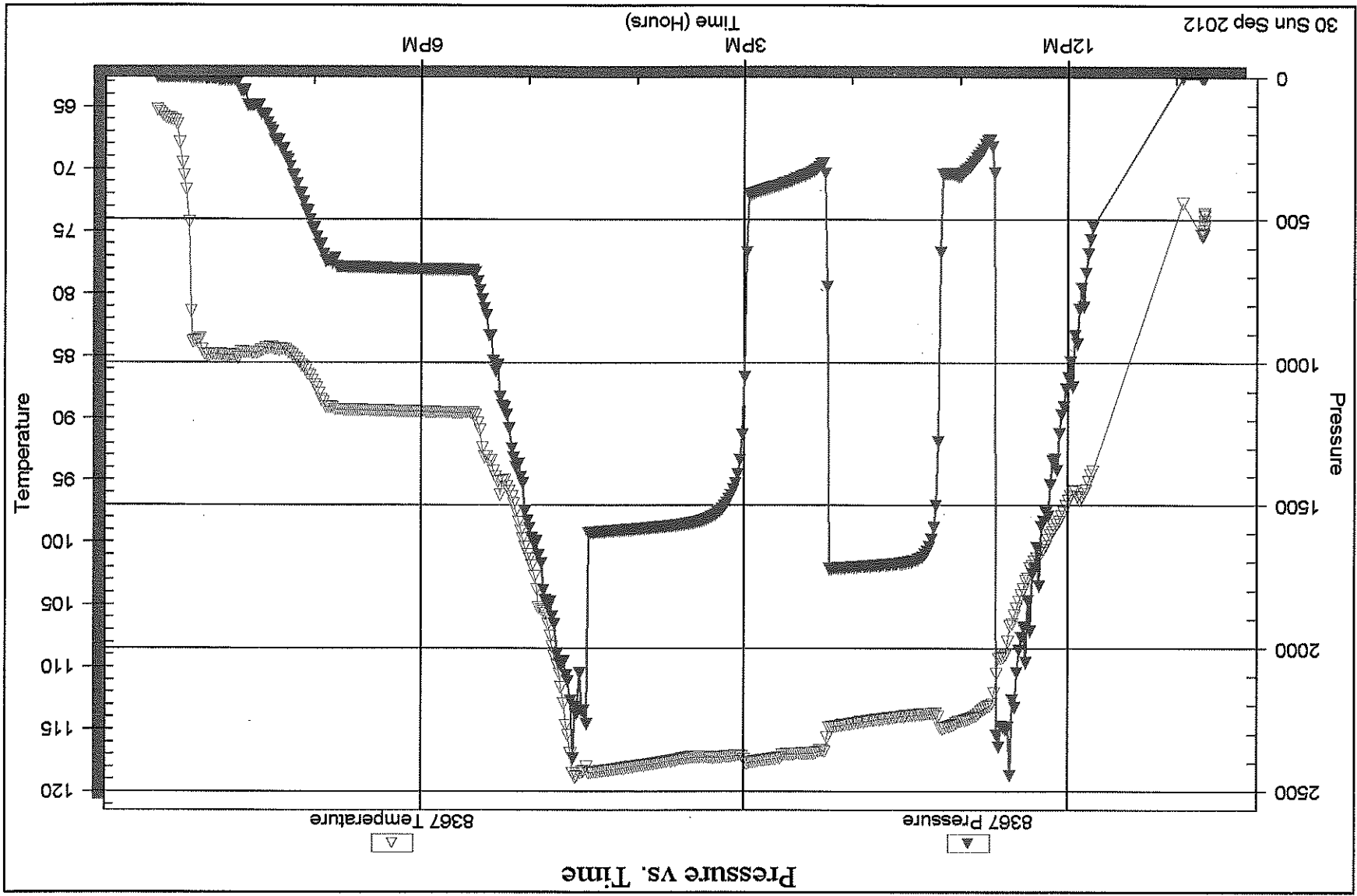
Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.25	46.00	95.82
1	20	0.25	92.00	168.79
1	30	0.50	50.00	434.42
2	10	0.50	41.00	373.71
2	20	0.50	41.00	373.71
2	30	0.50	31.00	306.25
2	40	0.50	23.00	252.29
2	45	0.50	20.00	232.05





Serial #: 8367 Outside R & B Oil & Gas Colborn A-1 DST Test Number: 2

Pressure vs. Time



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Colborn A-1

23-33s-12w Barber,KS

Start Date: 2012.10.01 @ 18:24:13

End Date: 2012.10.02 @ 02:16:43

Job Ticket #: 49682 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

R & B Oil & Gas
PO Box 195
Attica, KS 67009
ATTN: Tim Pierce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49682
DST#: 3
Test Start: 2012.10.01 @ 18:24:13

GENERAL INFORMATION:

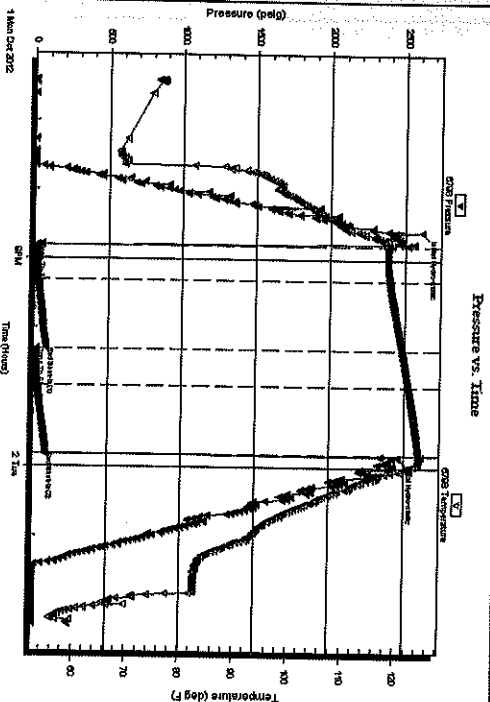
Formation: Viola
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:48:13
Time Test Ended: 02:16:43
Interval: 4929.00 ft (KB) To 4940.00 ft (KB) (TVD)
Total Depth: 4940.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches-Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 45
Reference Elevations:
1498.00 ft (KB)
1488.00 ft (CF)
10.00 ft
KB to GR/CF:

Serial #: 6798 Inside
Press.@RunDepth: 20.61 psig @ 4930.00 ft (KB)
Start Date: 2012.10.01 End Date: 2012.10.02
Start Time: 18:24:14 End Time: 02:16:43

Capacity: 8000.00 psig
Last Calib.: 2012.10.02
Time On Btmr: 2012.10.01 @ 20:35:58
Time Off Btmr: 2012.10.01 @ 23:50:43

TEST COMMENT: IF: Weak Surface Blow
ISI: No Blow Back
FF: Weak Blow, 1/2 inch
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2614.34	112.77	Initial Hydro-static
13	15.93	118.63	Open To Flow (1)
43	21.85	118.76	Shut-In(1)
102	84.22	121.14	Open To Flow (1)
103	16.58	121.13	Open To Flow (2)
134	20.61	122.37	Shut-In(2)
194	85.34	124.43	End Shut-In(2)
195	2460.88	124.45	Final Hydro-static

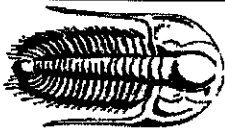
Recovery

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

* Recovery from multiple tests

Gas Rates

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



TRIBOLITE
TESTING, INC.

DRILL STEM TEST REPORT

R & B Oil & Gas

23-33s-12w Barber, KS

PO Box 195

Colborn A-1

Attica, KS 67009

Job Ticket: 49682

DST#: 3

ATTN: Tim Pierce

Test Start: 2012.10.01 @ 18:24:13

GENERAL INFORMATION:

Formation: Viola
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:48:13
 Time Test Ended: 02:16:43
 Interval: 4929.00 ft (KB) To 4940.00 ft (KB) (TVD)
 Total Depth: 4940.00 ft (KB) (TVD)
 Hole Diameter: 7.88 Inch-Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1498.00 ft (KB)
 1488.00 ft (CF)
 KB to GRVCF: 10.00 ft

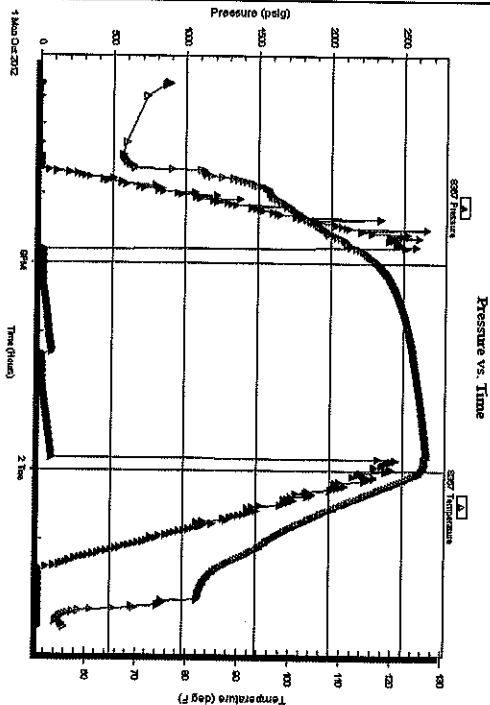
Serial #: 8367 Outside

Press.@RunDepth: psig @ 4930.00 ft (KB)
 Start Date: 2012.10.01 End Date:
 Start Time: 18:24:14 End Time:

Capacity: 8000.00 psig
 Last Calib.: 2012.10.02
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow

ISI: No Blow Back
 FF: Weak Blow, 1/2 inch
 FSI: No Blow Back



PRESSURE SUMMARY

Time (Mfn.)	Pressure (psig)	Temp (deg F)	Annotation

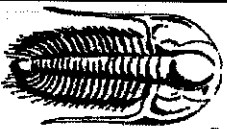
Recovery

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

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas
PO Box 195
Attica, KS 67009
ATTN: Tim Pierce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49682
DST#: 3
Test Start: 2012.10.01 @ 18:24:13

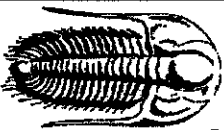
Tool Information

Drill Pipe:	Length: 4802.00 ft	Diameter: 3.80 inches	Volume: 67.36 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 95000.00 lb
		<u>Total Volume:</u>	67.95 bbl	Tool Chased
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4929.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 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			4914.00	
Hydraulic tool	5.00			4919.00	
Packer	5.00			4924.00	20.00
Packer	5.00			4929.00	Bottom Of Top Packer
Stub	1.00			4930.00	
Recorder	0.00	6798	Inside	4930.00	
Recorder	0.00	8367	Outside	4930.00	
Perforations	7.00			4937.00	
Bullnose	3.00			4940.00	11.00
					Bottom Packers & Anchor
Total Tool Length:	31.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R & B Oil & Gas
PO Box 195
Attila, KS 67009
ATTN: Tim Perce

23-33s-12w Barber, KS
Colborn A-1
Job Ticket: 49682
Test Start: 2012.10.01 @ 18:24:13

DST#: 3

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 10.79 in³
Resistivity: ohm.m
Salinity: 7000.00 ppm
Filter Cake: 0.02 inches

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

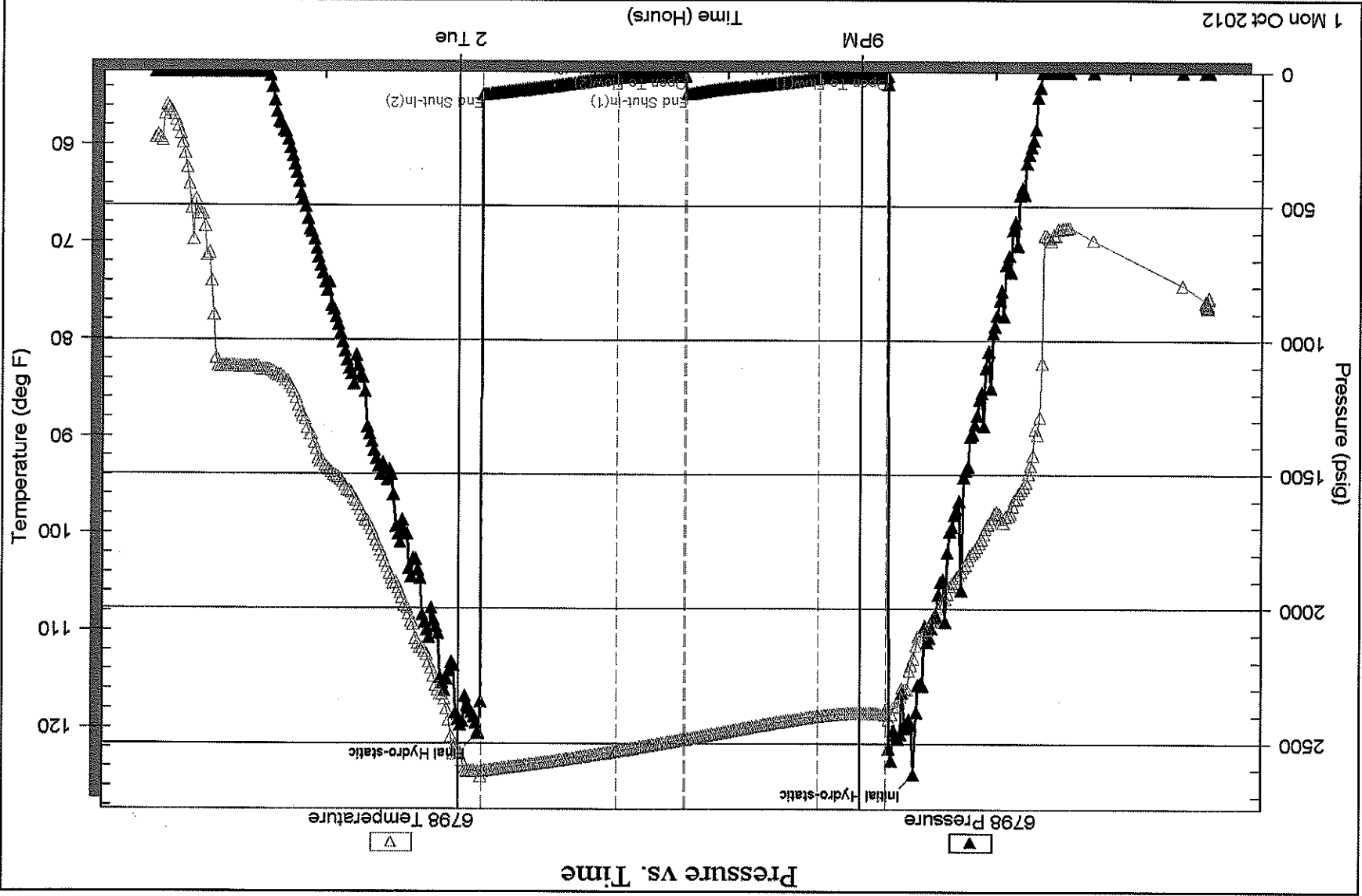
Oil API:
Water Salinity: ppm
deg AR

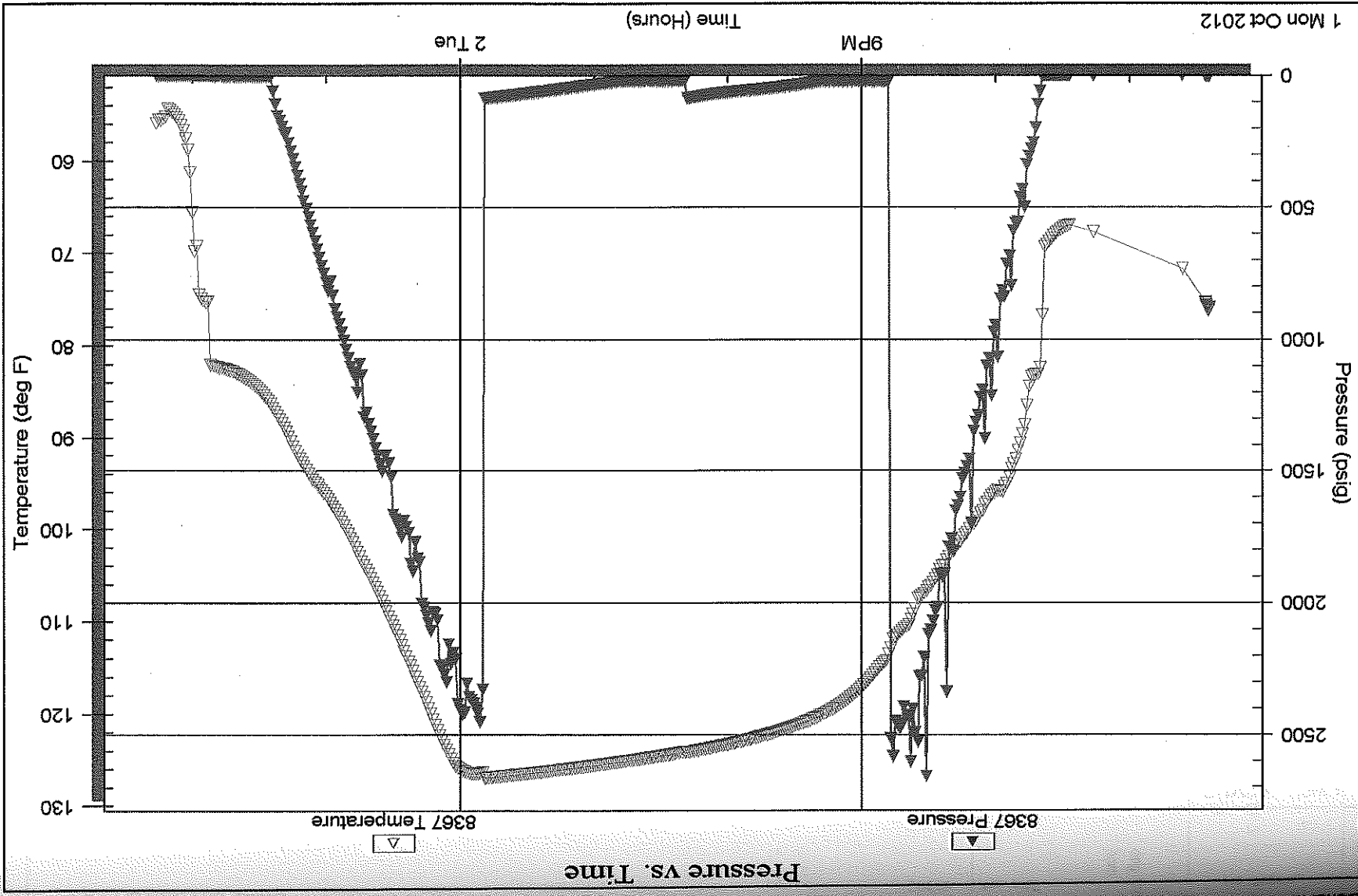
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:





DST Test Number: 3

Coburn A-1

RA B OIL GAS
OUTSIDE

Serial M. 0307

Printed: 2012.10.03 @ 10:34:52

Ref. No: 49682

Triobite Testing, Inc