

DRILL STEM TEST REPORT

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

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

Hostetler A#1

16-31s-8w Harper,KS

Start Date: 2013.12.07 @ 01:29:18

End Date: 2013.12.07 @ 09:11:33

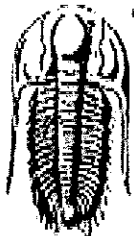
Job Ticket #: 51791 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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Printed: 2013.12.10 @ 14:40:58



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R & B Oil & Gas Inc.

16-31s-8w Harper, KS

PO Box 195
Attica KS 67009

Hostetler A#1

Job Ticket: 51791

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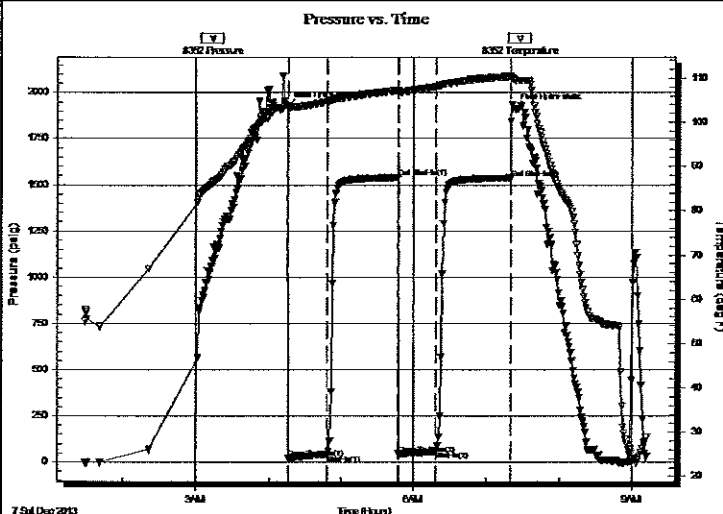
Test Start: 2013.12.07 @ 01:29:18

GENERAL INFORMATION:

Formation: **KC**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 04:16:03
 Time Test Ended: 09:11:33
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Gary Pevoteaux**
 Unit No: **56**
 Interval: **3909.00 ft (KB) To 3931.00 ft (KB) (TVD)**
 Reference Elevations: **1610.00 ft (KB)**
 Total Depth: **3931.00 ft (KB) (TVD)**
1600.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **10.00 ft**

Serial #: 8352 Inside
 Press@RunDepth: **58.83 psig @ 3910.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2013.12.07** End Date: **2013.12.07** Last Calib.: **2013.12.07**
 Start Time: **01:29:23** End Time: **09:11:32** Time On Btm: **2013.12.07 @ 04:15:03**
 Time Off Btm: **2013.12.07 @ 07:22:18**

TEST COMMENT: IF:Weak blow . 1 - 1 1/2".
 IS:No blow .
 FF:Weak blow . 1/4 - 1/2".
 FS:No blow .



PRESSURE SUMMARY

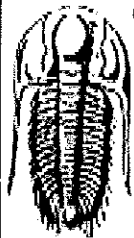
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.49	103.88	Initial Hydro-static
1	21.22	103.05	Open To Flow (1)
34	41.74	104.64	Shut-In(1)
93	1539.52	107.24	End Shut-In(1)
93	46.99	106.70	Open To Flow (2)
123	58.83	108.04	Shut-In(2)
185	1537.70	110.39	End Shut-In(2)
188	1916.03	109.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	WMw / a few o specs 19%w 81%m	0.37

Gas Rates

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



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TOOL DIAGRAM

R & B Oil & Gas Inc.

16-31s-8w Harper,KS

PO Box 195
Attica KS 67009

Hostetler A#1

Job Ticket: 51791

DST#: 1

ATTN: Tim Fierce

Test Start: 2013.12.07 @ 01:29:18

Tool Information

Drill Pipe:	Length: 3779.00 ft	Diameter: 3.80 inches	Volume: 53.01 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 67000.00 lb
			Total Volume: 53.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3909.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3890.00	
Shut in tool	5.00			3895.00	
HMV	5.00			3900.00	
Packer	4.00			3904.00	20.00 Bottom Of Top Packer
Packer	5.00			3909.00	
Stubb	1.00			3910.00	
Recorder	0.00	8352	Inside	3910.00	
Recorder	0.00	8370	Outside	3910.00	
Perforations	16.00			3926.00	
Bullnose	5.00			3931.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



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FLUID SUMMARY

R & B Oil & Gas Inc.

16-31s-8w Harper,KS

PO Box 195
Attica KS 67009

Hostetler A#1

Job Ticket: 51791

DST#: 1

ATTN: Tim Fierce

Test Start: 2013.12.07 @ 01:29:18

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:

40000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
75.00	WM w/ a few o specs 19%w 81%m	0.369

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .31 ohms@ 40 deg

Serial #: 8352

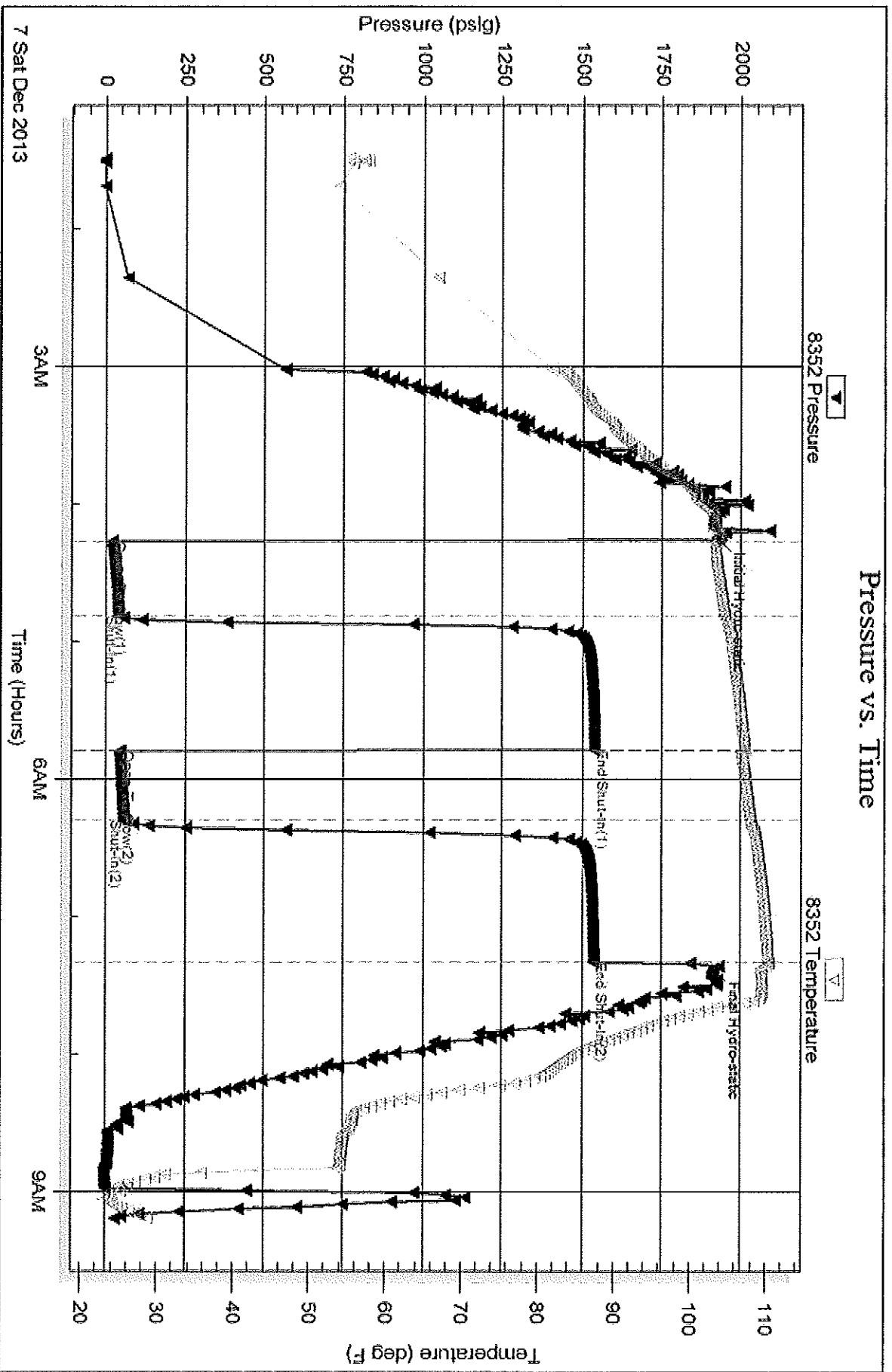
Inside

R & B Oil & Gas Inc.

Hosteler A#1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51791

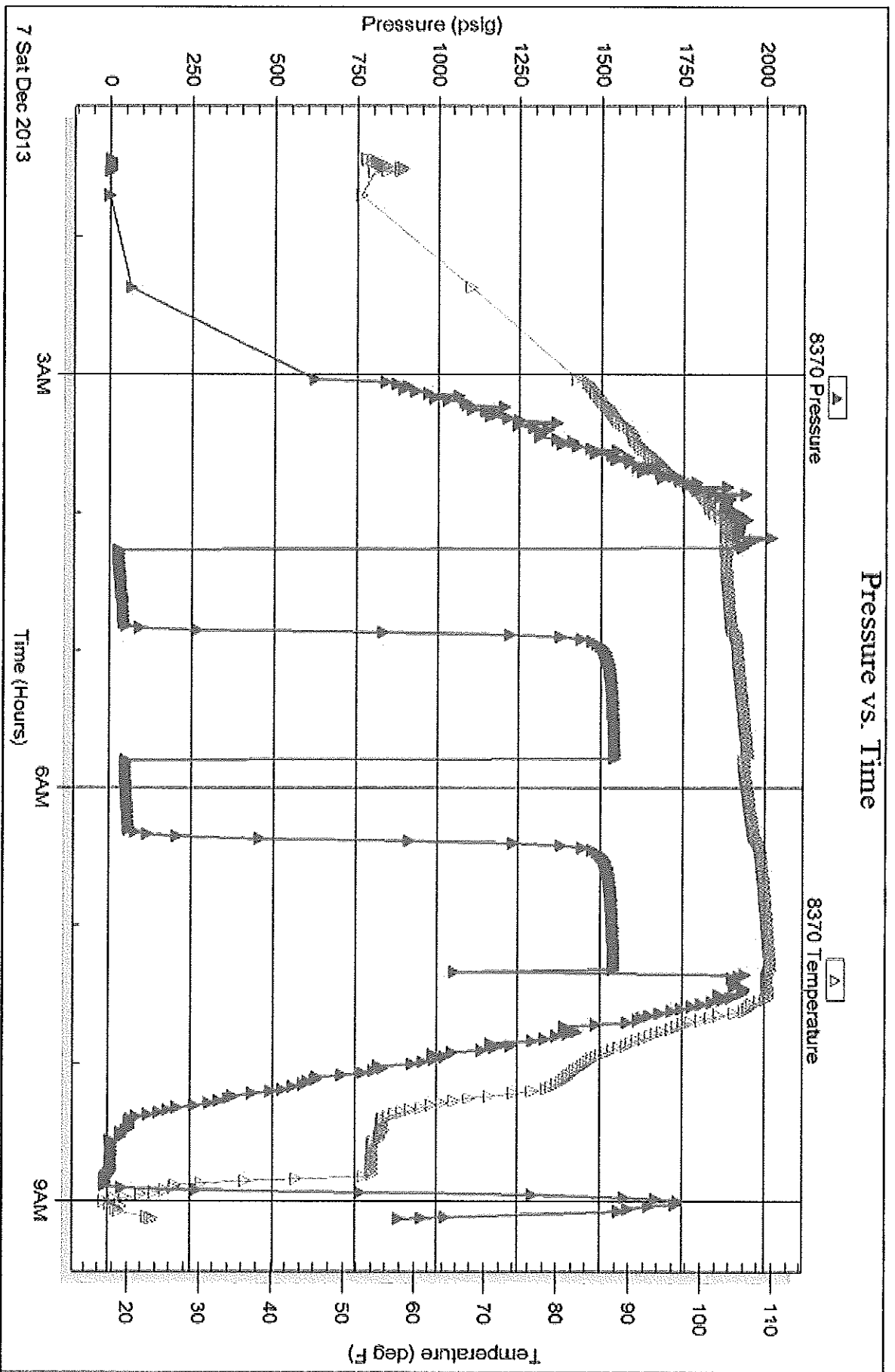
Printed: 2013.12.10 @ 14:41:01

Serial #: 8370

Outside R & B Oil & Gas Inc.

Hosteler A#1

DST Test Number: 1



Trilobite Testing, Inc

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Printed: 2013-12-10 @ 14:41:01