



KANSAS CORPORATION COMMISSION 1085017
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1085017

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc**

PO Box 828
Mount Vernon IL 62864

ATTN: Tom Pronold

Miller #9-1

9-19s-33w Scott,KS

Start Date: 2012.05.29 @ 03:40:00

End Date: 2012.05.29 @ 12:34:30

Job Ticket #: 46077 DST #: 1

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

Printed: 2012.05.31 @ 15:56:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
 Job Ticket: 46077 **DST#: 1**
 Test Start: 2012.05.29 @ 03:40:00

GENERAL INFORMATION:

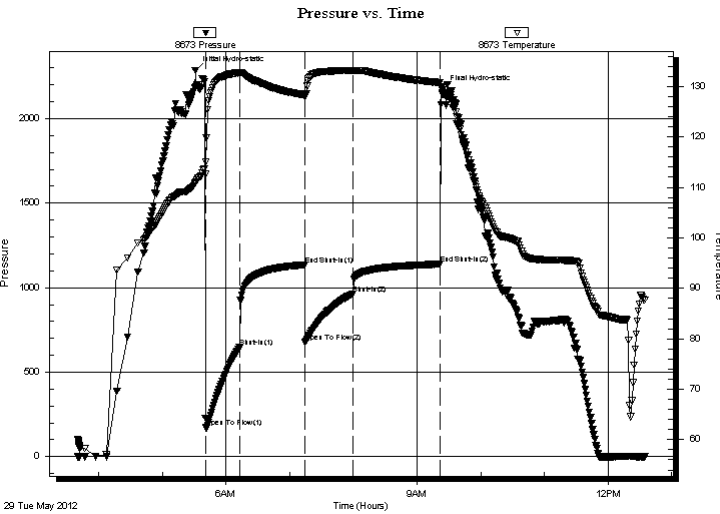
Formation: **Morrow Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:41:00
 Time Test Ended: 12:34:30
 Interval: **4610.00 ft (KB) To 4664.00 ft (KB) (TVD)**
 Total Depth: 4664.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 2668.00 ft (KB)
 2658.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8673

Outside

Press @ Run Depth: 964.64 psig @ 4614.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.29 End Date: 2012.05.29 Last Calib.: 2012.05.29
 Start Time: 03:40:05 End Time: 12:34:30 Time On Btm: 2012.05.29 @ 05:31:00
 Time Off Btm: 2012.05.29 @ 09:24:00

TEST COMMENT: IF: Strong blow , Built to B.O.B in 1 min.
 IS: Blow back after 10 mins. Built to 3 in. over 60 mins.
 FF: Strong blow , Built to B.O.B in 2 mins.
 FS: Blow back after 8 mins. Built to 4 1/2 in. over 90 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.76	110.87	Initial Hydro-static
10	171.78	114.97	Open To Flow (1)
42	645.90	132.77	Shut-In(1)
103	1135.68	128.30	End Shut-In(1)
104	677.35	128.11	Open To Flow (2)
149	964.64	133.15	Shut-In(2)
231	1139.77	130.74	End Shut-In(2)
233	2170.53	128.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1674.00	water-100%	23.48
372.00	vsocm-3%o97%m	5.22

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

9-19s-33w Scott,KS

Miller #9-1

Job Ticket: 46077

DST#: 1

Test Start: 2012.05.29 @ 03:40:00

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:41:00

Time Test Ended: 12:34:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreutzer Jr.

Unit No: 61

Interval: 4610.00 ft (KB) To 4664.00 ft (KB) (TVD)

Reference Elevations: 2668.00 ft (KB)

Total Depth: 4664.00 ft (KB) (TVD)

2658.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8791

Inside

Press @ Run Depth: psig @ 4614.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.29

End Date:

2012.05.29

Last Calib.:

2012.05.29

Start Time:

03:40:05

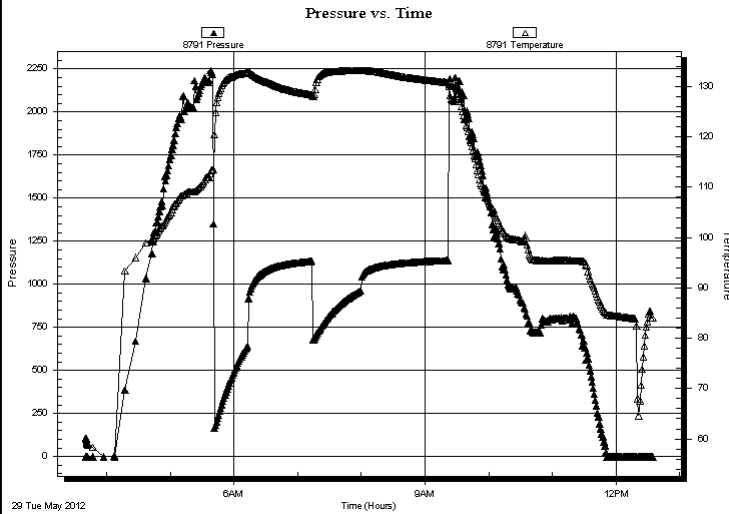
End Time:

12:34:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow , Built to B.O.B in 1 min.
 IS: Blow back after 10 mins. Built to 3 in. over 60 mins.
 FF: Strong blow , Built to B.O.B in 2 mins.
 FS: Blow back after 8 mins. Built to 4 1/2 in. over 90 mins.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1674.00	water-100%	23.48
372.00	vsocm-3%o97%m	5.22

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc
PO Box 828
Mount Vernon IL 62864
ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
Job Ticket: 46077 **DST#: 1**
Test Start: 2012.05.29 @ 03:40:00

Tool Information

Drill Pipe:	Length: 4605.00 ft	Diameter: 3.80 inches	Volume: 64.60 bbl	Tool Weight: 2600.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 69000.00 lb
		Total Volume: 64.60 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4610.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	84.00 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			4585.00	
Sampler	2.00			4587.00	
Hydraulic tool	5.00			4592.00	
Jars	5.00			4597.00	
Safety Joint	3.00			4600.00	
Packer	5.00			4605.00	30.00 Bottom Of Top Packer
Packer	5.00			4610.00	
Stubb	1.00			4611.00	
Perforations	2.00			4613.00	
Change Over Sub	1.00			4614.00	
Recorder	0.00	8791	Inside	4614.00	
Recorder	0.00	8673	Outside	4614.00	
Drill Pipe	31.00			4645.00	
Change Over Sub	1.00			4646.00	
Perforations	15.00			4661.00	
Bullnose	3.00			4664.00	54.00 Bottom Packers & Anchor
Total Tool Length:		84.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc
PO Box 828
Mount Vernon IL 62864
ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
Job Ticket: 46077 **DST#: 1**
Test Start: 2012.05.29 @ 03:40:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

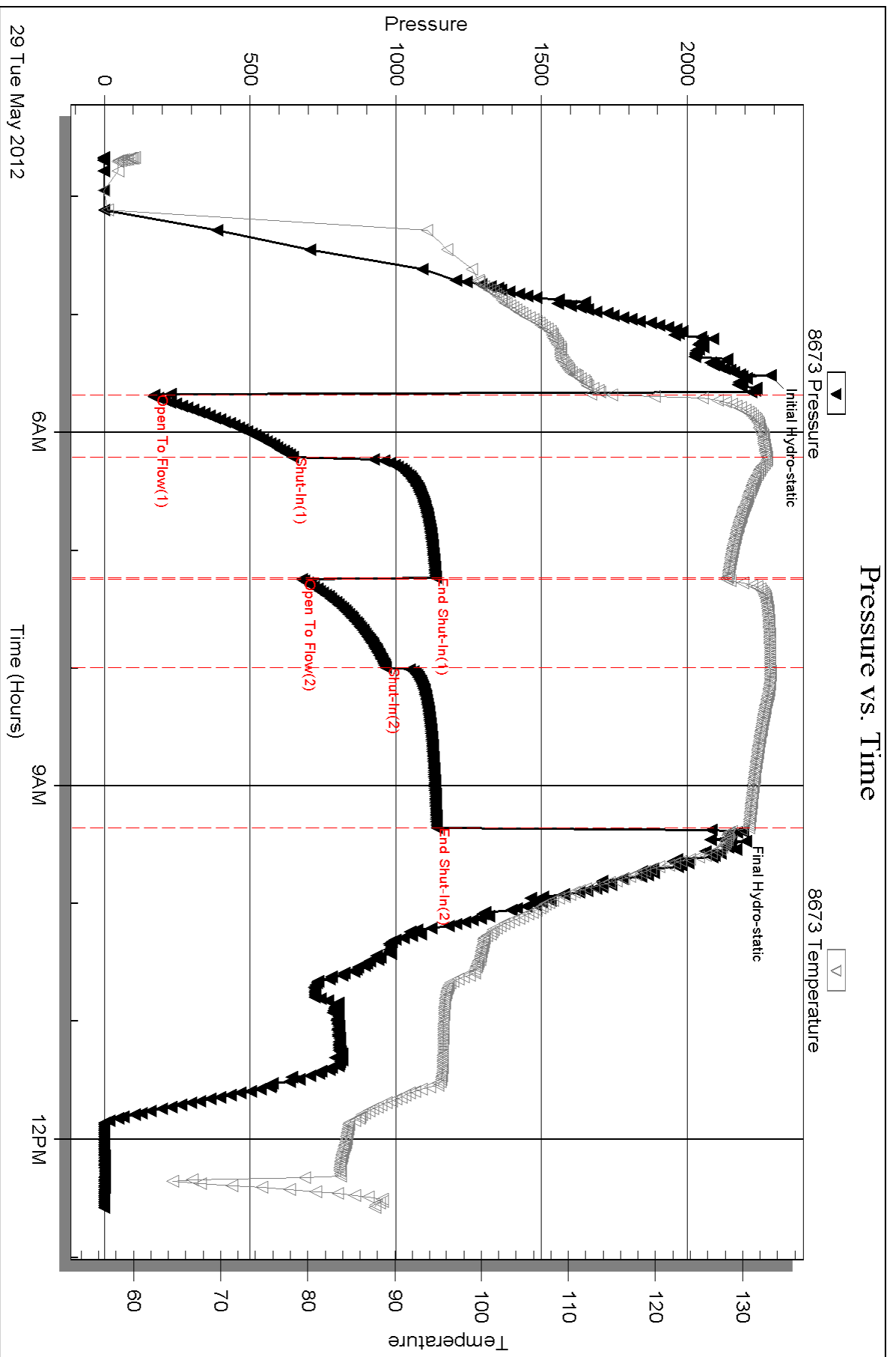
Length ft	Description	Volume bbl
1674.00	water-100%	23.482
372.00	vsocm-3%o97%m	5.218

Total Length: 2046.00 ft Total Volume: 28.700 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



Serial #: 8791

Inside

Wood Energy Inc

Miller #9-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc**

PO Box 828
Mount Vernon IL 62864

ATTN: Tom Pronold

Miller #9-1

9-19s-33w Scott,KS

Start Date: 2012.05.30 @ 18:15:00

End Date: 2012.05.31 @ 02:10:30

Job Ticket #: 45974 DST #: 2

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

Printed: 2012.05.31 @ 15:54:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

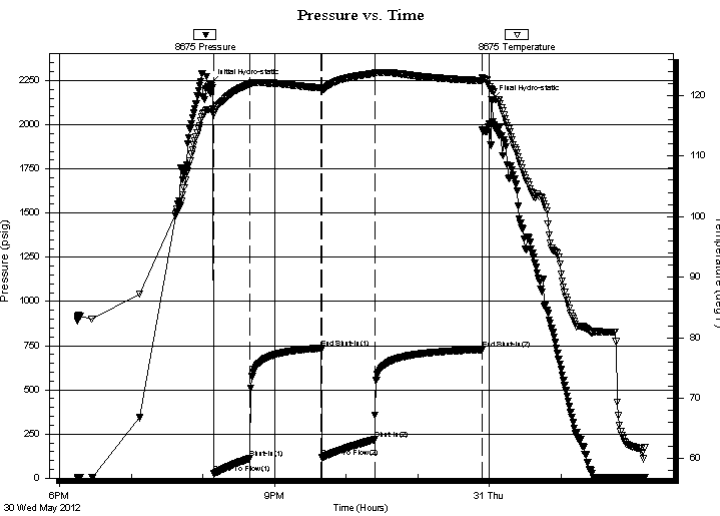
9-19s-33w Scott,KS
Miller #9-1
 Job Ticket: 45974 **DST#: 2**
 Test Start: 2012.05.30 @ 18:15:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:09:00
 Time Test Ended: 02:10:30
 Interval: **4375.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: 4800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2668.00 ft (KB)
 2658.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8675 Inside
 Press @ Run Depth: 219.06 psig @ 4376.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.30 End Date: 2012.05.31 Last Calib.: 2012.05.31
 Start Time: 18:15:01 End Time: 02:10:30 Time On Btm: 2012.05.30 @ 20:06:45
 Time Off Btm: 2012.05.31 @ 00:02:00

TEST COMMENT: B.O.B. in 17 min.
 Bled off for 5 min. No return blow
 B.O.B in 26 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.89	117.73	Initial Hydro-static
3	25.57	116.79	Open To Flow (1)
33	111.11	121.84	Shut-In(1)
93	735.22	121.29	End Shut-In(1)
93	115.91	121.00	Open To Flow (2)
138	219.06	123.66	Shut-In(2)
227	727.67	122.45	End Shut-In(2)
236	2139.71	120.89	Final Hydro-static

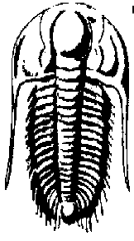
Recovery

Length (ft)	Description	Volume (bbl)
132.00	mcw 40%M 60%W	1.85
244.00	100%W	3.42

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
 Job Ticket: 45974 **DST#: 2**
 Test Start: 2012.05.30 @ 18:15:00

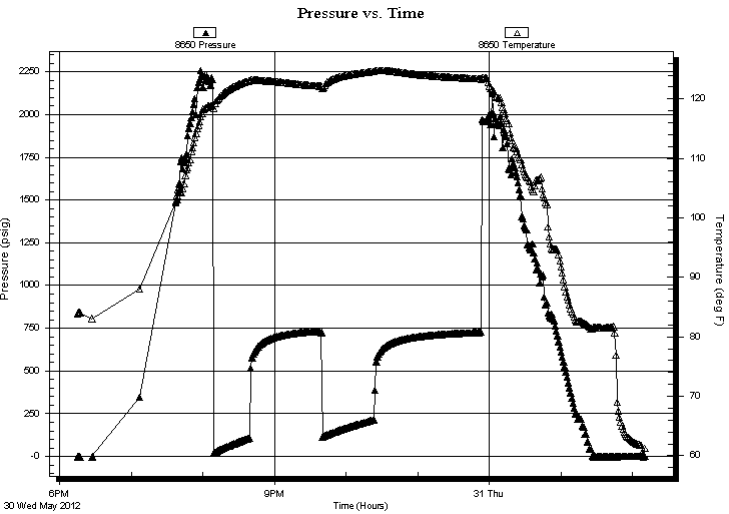
GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:09:00
 Time Test Ended: 02:10:30
Interval: 4375.00 ft (KB) To 4400.00 ft (KB) (TVD)
 Total Depth: 4800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2668.00 ft (KB)
 2658.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8650 Outside

Press @RunDepth: psig @ 4376.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.30 End Date: 2012.05.31 Last Calib.: 2012.05.31
 Start Time: 18:15:01 End Time: 02:10:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. in 17 min.
 Bled off for 5 min. No return blow
 B.O.B in 26 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
132.00	mcw 40%M 60%W	1.85
244.00	100%W	3.42

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

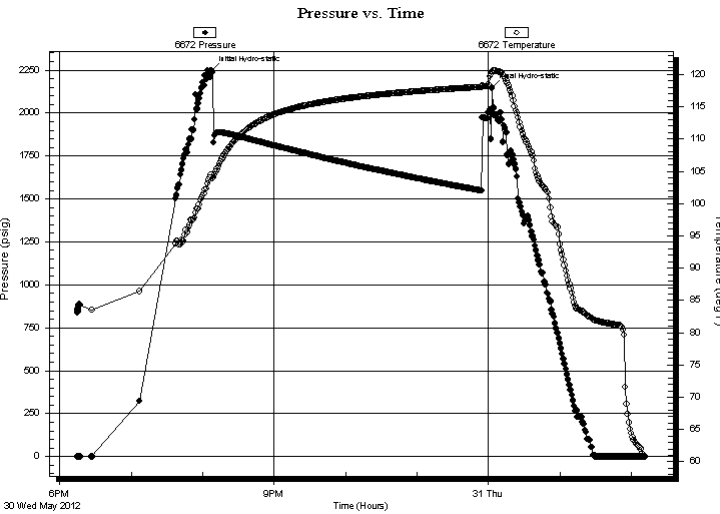
9-19s-33w Scott,KS
Miller #9-1
 Job Ticket: 45974 **DST#: 2**
 Test Start: 2012.05.30 @ 18:15:00

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:09:00
 Time Test Ended: 02:10:30
 Interval: **4375.00 ft (KB) To 4400.00 ft (KB) (TVD)**
 Total Depth: 4800.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Jace McKinney
 Unit No: 46
 Reference Elevations: 2668.00 ft (KB)
 2658.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6672 Below (Straddle)
 Press @ Run Depth: psig @ 4404.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.30 End Date: 2012.05.31 Last Calib.: 2012.05.31
 Start Time: 18:15:01 End Time: 02:11:45 Time On Btm: 2012.05.30 @ 20:07:15
 Time Off Btm: 2012.05.31 @ 00:03:00

TEST COMMENT: B.O.B. in 17 min.
 Bled off for 5 min. No return blow
 B.O.B in 26 min.
 Bled off for 5 min. No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.33	104.38	Initial Hydro-static
236	2150.23	120.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
132.00	mcw 40%M 60%W	1.85
244.00	100%W	3.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc
 PO Box 828
 Mount Vernon IL 62864
 ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
 Job Ticket: 45974 **DST#: 2**
 Test Start: 2012.05.30 @ 18:15:00

Tool Information

Drill Pipe:	Length: 4380.28 ft	Diameter: 3.80 inches	Volume: 61.44 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 61.44 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.78 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4375.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	4397.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	453.50 ft			
Number of Packers:	3	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			4353.50	
Hydraulic tool	5.00			4358.50	
Jars	5.00			4363.50	
Safety Joint	2.50		Fluid	4366.00	
Packer	5.00			4371.00	26.50 Bottom Of Top Packer
Packer	4.00			4375.00	
Stubb	1.00			4376.00	
Recorder	0.00	8675	Inside	4376.00	
Recorder	0.00	8650	Outside	4376.00	
Perforations	0.00			4376.00	
Change Over Sub	0.00			4376.00	
drill Pipe	0.00			4376.00	
change Over Sub	0.00			4376.00	
Perforations	20.00			4396.00	
Blank Off Sub	1.00			4397.00	22.00 Tool Interval
Packer	5.00			4402.00	
Stubb	1.00			4403.00	
Change Over Sub	1.00			4404.00	
Recorder	0.00	6672	Below	4404.00	
Drill Pipe	374.00			4778.00	
Change Over Sub	1.00			4779.00	
Perforations	20.00			4799.00	
Bullnose	3.00			4802.00	405.00 Bottom Packers & Anchor
Total Tool Length:		453.50			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc
PO Box 828
Mount Vernon IL 62864
ATTN: Tom Pronold

9-19s-33w Scott,KS
Miller #9-1
Job Ticket: 45974 **DST#: 2**
Test Start: 2012.05.30 @ 18:15:00

Mud and Cushion Information

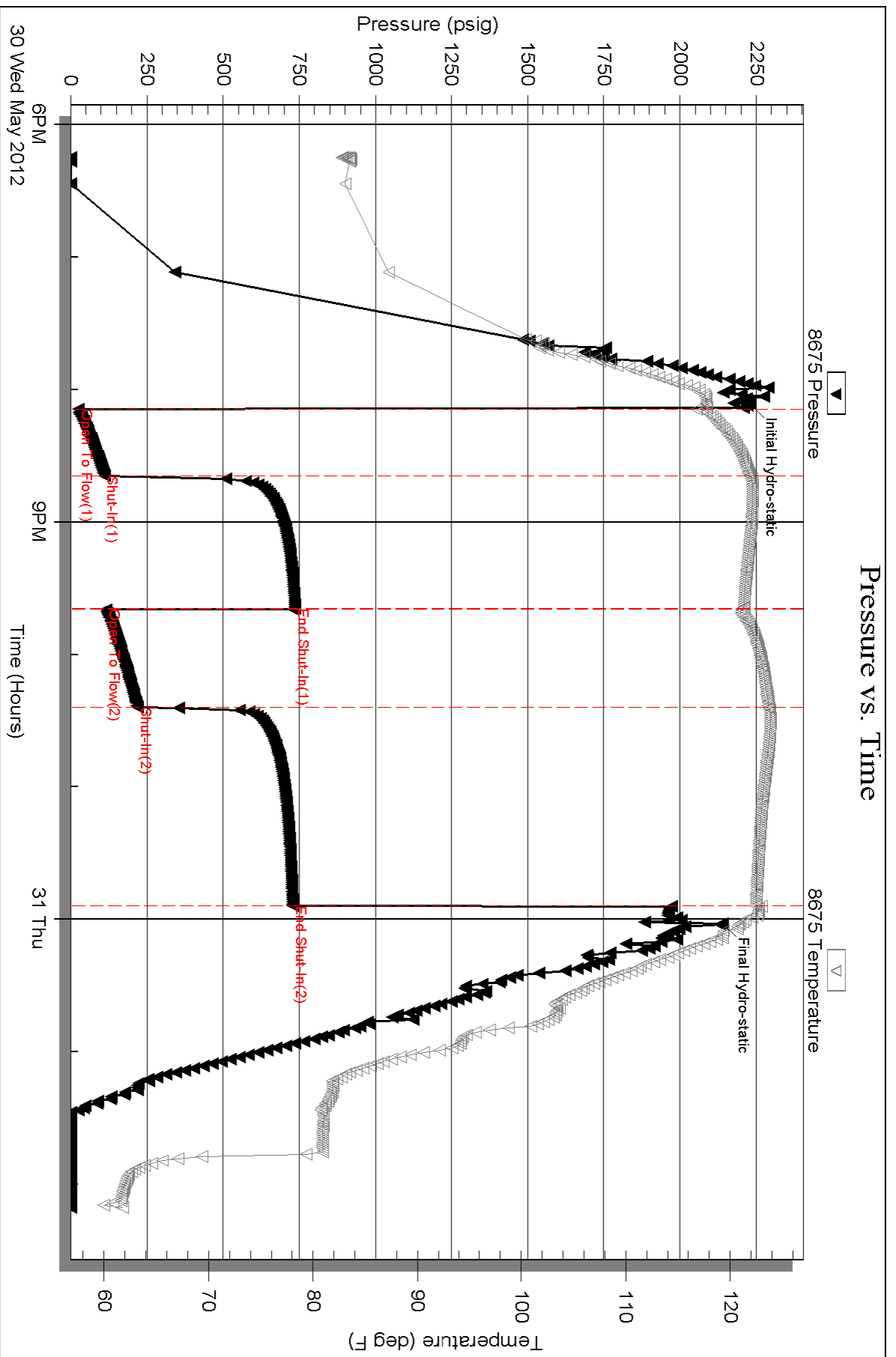
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	45000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
132.00	mcw 40%M 60%W	1.852
244.00	100%W	3.423

Total Length: 376.00 ft Total Volume: 5.275 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .2 @ 55 F = 45,000

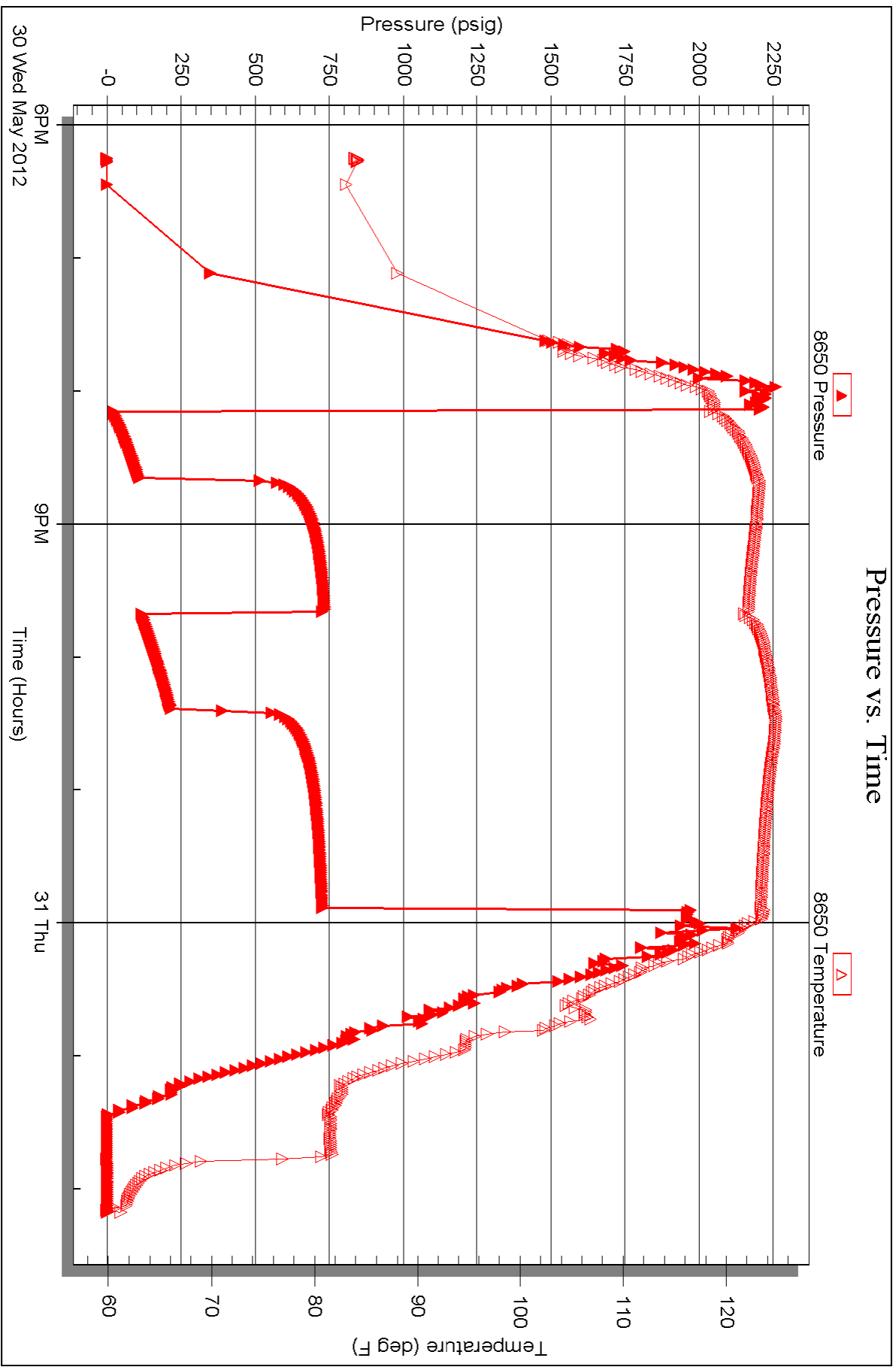


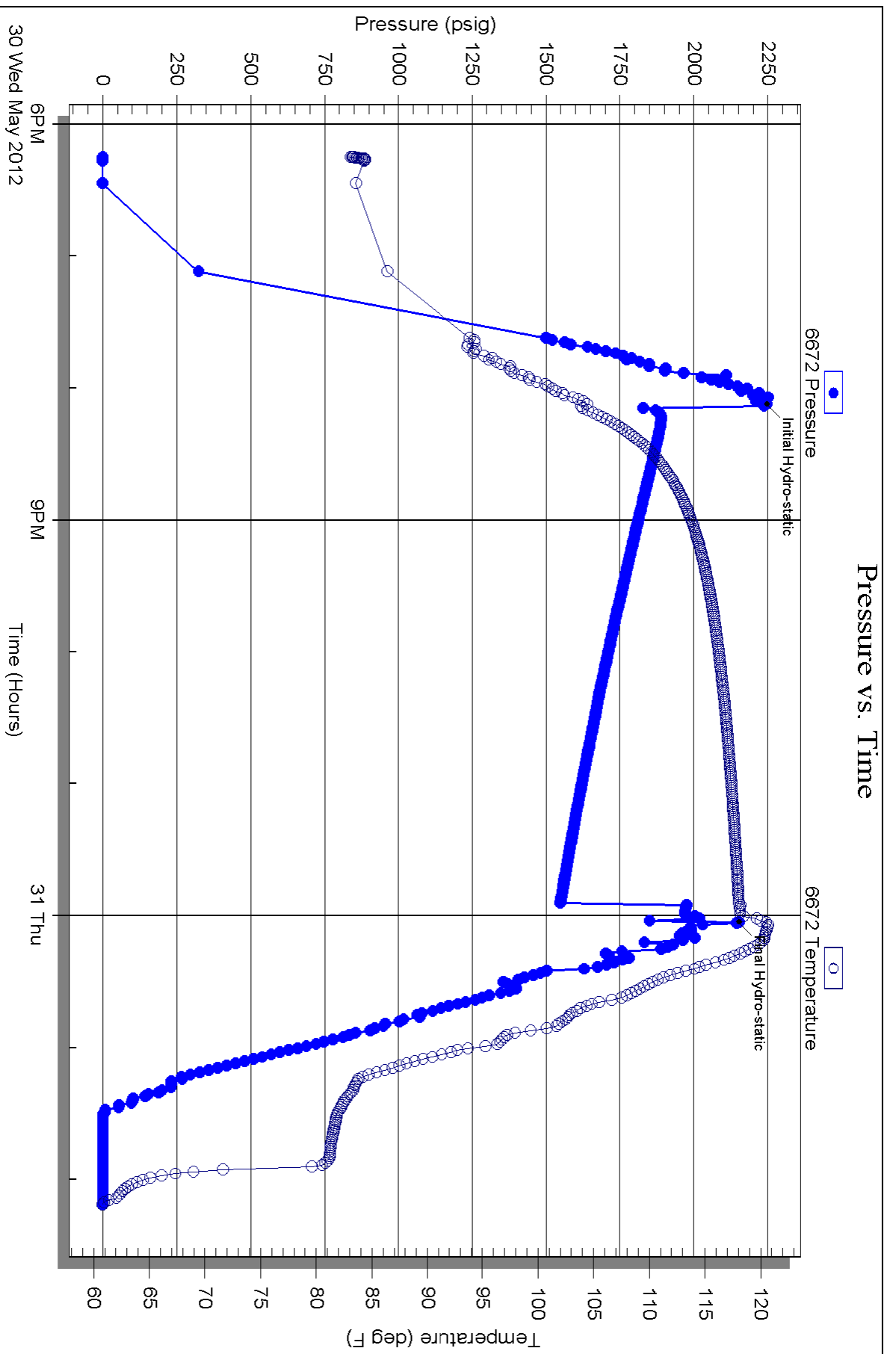
Serial #: 8650

Outside Wood Energy Inc

Miller #9-1

DST Test Number: 2







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46077

Well Name & No. Miller 9-1 Test No. 1 Date 5-29-2012
 Company Wood energy Elevation 2668 KB 2858 GL
 Address P.O. Box 828 Mont Vernon IL. 62864
 Co. Rep / Geo. Tom Pronoid Rig Duke 4
 Location: Sec. 9 Twp. 19S Rge. 33W Co. scott State Ks

Interval Tested 4610 4664 Zone Tested Marrow Sand
 Anchor Length 54 Drill Pipe Run _____ Mud Wt. 8.9
 Top Packer Depth 4605 Drill Collars Run - 0 - Vis 51
 Bottom Packer Depth 4610 Wt. Pipe Run - 0 - WL 7.2
 Total Depth 4664 Chlorides 6700 ppm System LCM 3#

Blow Description IF: Strong blow, Built to B.O.B in 1 min.
ISI: Blow Back After 10 mins. Built to 3in over 60mins
FF: Strong blow, Built to B.O.B in 3 mins.

FSE Blow back after 8 mins Built to 4 1/2 in over 90mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>vs 50' water</u>				
<u>1674</u>	<u>water</u>				
<u>2000</u>					

Rec Total _____ BHT 130.7 Gravity _____ API RW .15 @ 80 ° F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>2286</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>3:05</u>
(B) First Initial Flow <u>172</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>3:40</u>
(C) First Final Flow <u>646</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>5:41</u>
(D) Initial Shut-In <u>1136</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>9:25</u>
(E) Second Initial Flow <u>677</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:34</u>
(F) Second Final Flow <u>965</u>	<input checked="" type="checkbox"/> Mileage <u>115 x 2 = 230 x 1.55</u>	Comments _____
(G) Final Shut-In <u>1140</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2171</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1606</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1606</u>	

Approved By _____ Our Representative Chuck Kueger 785-259-3458

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 45974

4/10

Well Name & No. Miller 9-1 Test No. 2 Date 5/30/12
 Company Wood Energy Elevation 21668 KB 21658 GL
 Address P.O. Box 828 Mount Vernon IL 62864
 Co. Rep / Geo. Tom Pronold Rig Duke 4
 Location: Sec. 9 Twp. 19s Rge. 33w Co. Scott State IL

Interval Tested 4375 - 4400 Zone Tested Marmaton
 Anchor Length 25 400 Tail Drill Pipe Run 4380.28 Mud Wt. 9.1
 Top Packer Depth 4370 Pipe Drill Collars Run _____ Vis 53
 Bottom Packer Depth 4375 Wt. Pipe Run _____ WL 8.6
 Total Depth 4400 4800 Tail Chlorides 7,000 ppm System LCM 4#
 Blow Description B.O.B. in 17 min.
Bled off for 5 min. No return below
B.O.B. in 26 min.
Bled off for 5 min. No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>132</u>	<u>MCW</u>			<u>60%</u>	<u>40%</u>
<u>244</u>	<u>W</u>			<u>100%</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 376 BHT 123 Gravity _____ API RW 20 @ 55 °F Chlorides 45,000 ppm

(A) Initial Hydrostatic <u>2,231</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>16:30</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>18:15</u>
(C) First Final Flow <u>111</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>20:07</u>
(D) Initial Shut-In <u>735</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>23:54</u>
(E) Second Initial Flow <u>116</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>2:10</u>
(F) Second Final Flow <u>219</u>	<input checked="" type="checkbox"/> Mileage <u>20RT</u> 31	Comments <u>25 Anchor</u>
(G) Final Shut-In <u>728</u>	<input type="checkbox"/> Sampler _____	<u>400 Tail Pipe.</u>
(H) Final Hydrostatic <u>2,140</u>	<input checked="" type="checkbox"/> Straddle 600	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	Total <u>2206</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>2206</u>	

Approved By Tom Pronold

Our Representative [Signature]

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