



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
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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: _____



1057499

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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Form	ACO1 - Well Completion
Operator	Wood Energy, Inc.
Well Name	Goetz 22-1
Doc ID	1057499

All Electric Logs Run

Dual Spaced Neutron
Array Compensated True Resistivity
Microlog
Sonic



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 129
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 01692 A

DATE _____ TICKET NO. _____

DATE OF JOB 5-11-11 DISTRICT 1717		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER Wood Energy		LEASE Goetz WELL NO. 221						
ADDRESS		COUNTY Meade STATE Ks						
CITY STATE		SERVICE CREW Cochran/Medboza/Ortiz/Canada						
AUTHORIZED BY Bennett JRB		JOB TYPE: 242 57/8 Surface						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
21955	5.5	33021	5.5				5-11	08:30
27808	5.5	33016	5.5			ARRIVED AT JOB	5-11	18:30
19553	5.5					START OPERATION	5-11	21:40
19827	5.5					FINISH OPERATION	5-11	23:00
19566	5.5					RELEASED	5-12	00:00
						MILES FROM STATION TO WELL	57	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED *Paul E. Farmer*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	'A-con' Blend	sk	230		4278 00
CL110	Premium Plus	sk	150		2445 00
CC102	Cello Flake	lb	96		355 20
CC109	Calcium Chloride	lb	933		979 65
CC170	C-51	lb	44		1100 00
CF253	Guide shoe	ea	1		380 00
CF1453	Insert	ea	1		280 00
CF1773	Centralizer	ea	4		580 00
CF1903	Basket	ea	1		315 00
CF105	Top Plug	ea	1		225 00
E101	Heavy Equip. Mileage	mi	150		1050 00
CE240	Blending + Mixing Serv. Chrg.	sk	380		532 00
E113	Bulk Delivery	TM	89.5		1432 00
CE202	Depth Chrg 1001'-2000'	4hr	1		1500 00
CE579	Plug Container	job	1		250 00
E100	Pick-up Mileage	mi	50		212 50
5003	Service Supervisor	ea	1		175 00
SUB TOTAL					11,815 73

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Tracy Lock* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Paul E. Farmer*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____



Cement Report

Customer	Wood Energy	Lease No.		Date	5-12-11
Lease	Groetz	Well #	224	Service Receipt	01671
Casing	4 1/2" D.P.	Depth	1250'	County	Meade
Job Type	245-Whipstock	Formation	Plug	State	KS
				Legal Description	22-30-26

Pipe Data		Perforating Data		Cement Data
Casing size	4 1/2" P.P.	Tubing Size		Lead 180 sk Premium/Common w/ 2% CC, 5% FR Tail in
Depth	1250'	Depth	From To	
Volume		Volume	From To	
Max Press		Max Press	From To	
Well Connection		Annulus Vol.	From To	
Plug Depth		Packer Depth	From To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					on loc-site assessment
11:05					spot trucks - rig up
11:15					safety meeting / JSA
11:17					circ @ 1250'
11:20	50		10	3	pump 10 bbl of gel ahead
11:30	50		32	3	mix + pump 180 sk Premium/ Common w/ 2% CC, 5% FR 1.00 ft ³ /sk, 3.76 gal/sk @ 170ppg
11:30	50		1	3	pump 1 bbl gel behind
11:36	50		14	3	disp balanced plug job complete
					- d.p. @ 1250', 202' of open hole (1 3/4") ± 60' inside surface, loc @ ± 988'

Service Units	34726	30463-19813	14355-14384		
Driver Names	A. Olvera	T. Gibson	T. Holtz		

Li Farmer Customer Representative
 J. Bennett Station Manager
 A. Olvera Cementer



Cement Report

Customer Wood Energy		Lease No.		Date 5-23-11	
Lease Goetz		Well # 22-1		Service Receipt 1650A	
Casing	Depth	County Meade		State Ks	
Job Type 2-44 PTA	Formation		Legal Description		
Pipe Data			Perforating Data		Cement Data
Casing size	Tubing Size		Shots/Ft		Lead
Depth	Depth	From	To		60' 40 ppg
Volume	Volume	From	To		
Max Press	Max Press	From	To		Tail in
Well Connection	Annulus Vol.		From	To	
Plug Depth	Packer Depth		From	To	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
330					ON location safety mtg
430					Rigged up wait on Rig to Log down
715					pressure Test IRON
720		6	14.	2.0	Run 1st plug @ 13.5 ppg @ 1450ft
730		0	0	0	shut down
758		0	13.7	2.5	Run 2nd plug @ 13.5 ppg @ 1080ft
804		0	15	2.5	displacement
810		0	0	0	shut down
847		0	13.4	2.5	Start 3rd plug 13.5 ppg @ 470ft
853		0	6	2.5	displacement
856		0	0	0	shut down
915		0	5	2	Run 4th plug 13.5 ppg @ 60ft
918		0	0	0	shut down
930		0	8	2	plug Rat Hole
935		0	6	2	plug mouse Hole
938		0	0	0	shut down / Rig down
Thanks for the Business					
Service Units	30463	19843	19828	19863	
Driver Names	TJ	Gibson	Hector	Esquada	

Paul E. Farmer
Customer Representative

Station Manager

Rubio Lopez
Cementer



DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc.**

3007 Broadway
Mount Vernon, IL 62864

ATTN: Tom Pronhold

22-30-26 Meade,KS

Goetz 22-1

Start Date: 2011.05.16 @ 21:00:00

End Date: 2011.05.17 @ 03:19:00

Job Ticket #: 39428 DST #: 1

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39428 **DST#: 1**
Test Start: 2011.05.16 @ 21:00:00

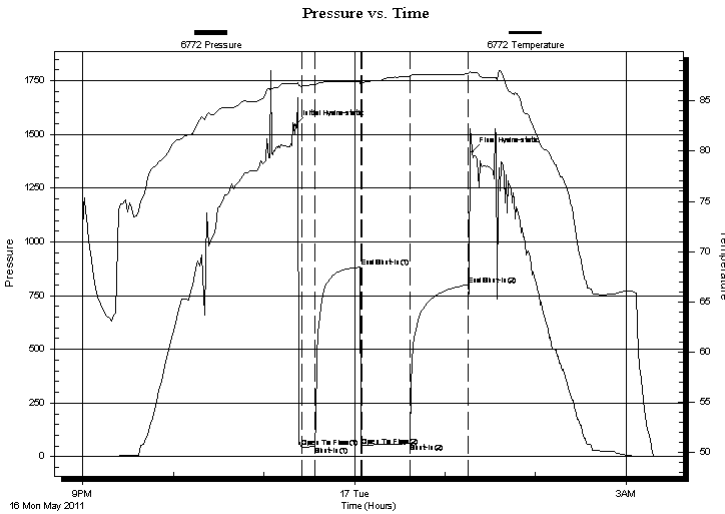
GENERAL INFORMATION:

Formation: **Ft. Riley**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:25:00
Time Test Ended: 03:19:00
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Interval: 2895.00 ft (KB) To 2953.00 ft (KB) (TVD)
Reference Elevations: 2549.00 ft (KB)
Total Depth: 2953.00 ft (KB) (TVD) 2539.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 6772 Outside
Press @ Run Depth: 61.53 psig @ 2897.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.05.16 End Date: 2011.05.17 Last Calib.: 2011.05.17
Start Time: 21:00:05 End Time: 03:18:59 Time On Btm: 2011.05.16 @ 23:21:00
Time Off Btm: 2011.05.17 @ 01:18:00

TEST COMMENT: IF- Weak blow 1" into bucket.
IS- No blow back.
FF- Weak blow 1" into bucket.
FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1544.53	86.77	Initial Hydro-static
4	44.91	86.48	Open To Flow (1)
13	48.82	86.60	Shut-In(1)
43	882.37	86.95	End Shut-In(1)
44	50.41	86.78	Open To Flow (2)
76	61.53	87.45	Shut-In(2)
115	801.88	87.68	End Shut-In(2)
117	1417.61	87.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	100% mud	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39428 **DST#: 1**
Test Start: 2011.05.16 @ 21:00:00

Tool Information

Drill Pipe:	Length: 2895.00 ft	Diameter: 3.80 inches	Volume: 40.61 bbl	Tool Weight:	2000.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 40.61 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	2895.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	58.00 ft				
Tool Length:	86.00 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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Change Over Sub	1.00			2868.00	
Shut In Tool	5.00			2873.00	
Hydraulic tool	5.00			2878.00	
Jars	5.00			2883.00	
Safety Joint	3.00			2886.00	
Packer	5.00			2891.00	28.00 Bottom Of Top Packer
Packer	4.00			2895.00	
Stubb	1.00			2896.00	
Perforations	1.00			2897.00	
Recorder	0.00	8355	Inside	2897.00	
Recorder	0.00	6772	Outside	2897.00	
Change Over Sub	1.00			2898.00	
Perforations	31.00			2929.00	
Change Over Sub	1.00			2930.00	
Perforations	20.00			2950.00	
Bullnose	3.00			2953.00	58.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39428 **DST#: 1**
Test Start: 2011.05.16 @ 21:00:00

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: 28.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 61000.00 ppm			
Filter Cake: inches			

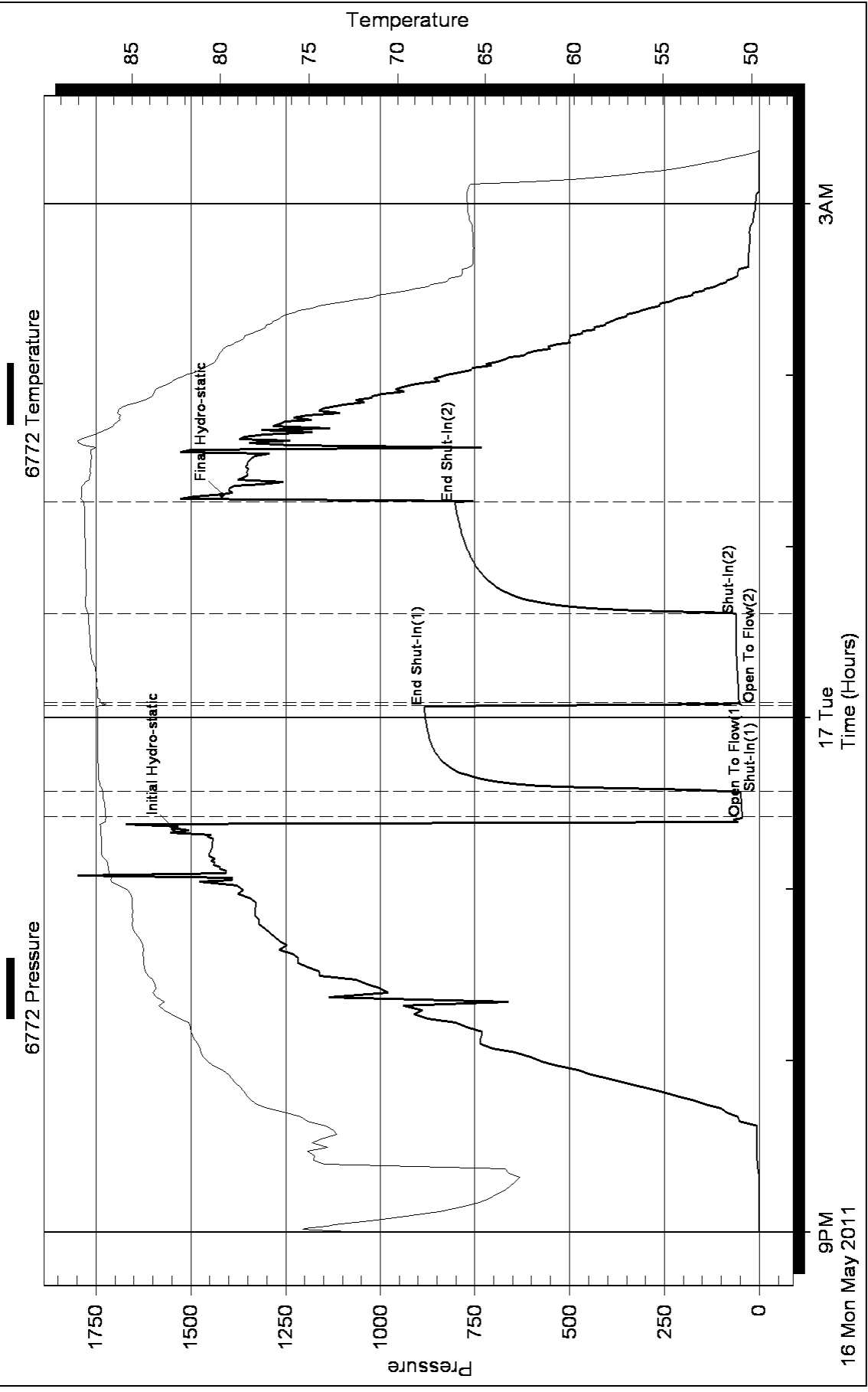
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	100% mud	0.870

Total Length: 62.00 ft Total Volume: 0.870 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc.**

3007 Broadway
Mount Vernon, IL 62864

ATTN: Tom Pronhold

22-30-26 Meade,KS

Goetz 22-1

Start Date: 2011.05.17 @ 17:00:00

End Date: 2011.05.18 @ 00:23:45

Job Ticket #: 39429 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39429 **DST#: 2**
Test Start: 2011.05.17 @ 17:00:00

Tool Information

Drill Pipe:	Length: 3017.00 ft	Diameter: 3.80 inches	Volume: 42.32 bbl	Tool Weight:	2000.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 42.32 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3020.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	75.00 ft				
Tool Length:	103.00 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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Change Over Sub	1.00			2993.00	
Shut In Tool	5.00			2998.00	
Hydraulic tool	5.00			3003.00	
Jars	5.00			3008.00	
Safety Joint	3.00			3011.00	
Packer	5.00			3016.00	28.00 Bottom Of Top Packer
Packer	4.00			3020.00	
Stubb	1.00			3021.00	
Perforations	1.00			3022.00	
Recorder	0.00	8355	Inside	3022.00	
Recorder	0.00	6772	Outside	3022.00	
Change Over Sub	1.00			3023.00	
Drill Pipe	62.00			3085.00	
Change Over Sub	1.00			3086.00	
Perforations	6.00			3092.00	
Bullnose	3.00			3095.00	75.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39429 **DST#: 2**
Test Start: 2011.05.17 @ 17:00:00

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:	13000 ppm
Viscosity: 28.00 sec/qt	Cushion Volume: bbl		
Water Loss: in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 61000.00 ppm			
Filter Cake: inches			

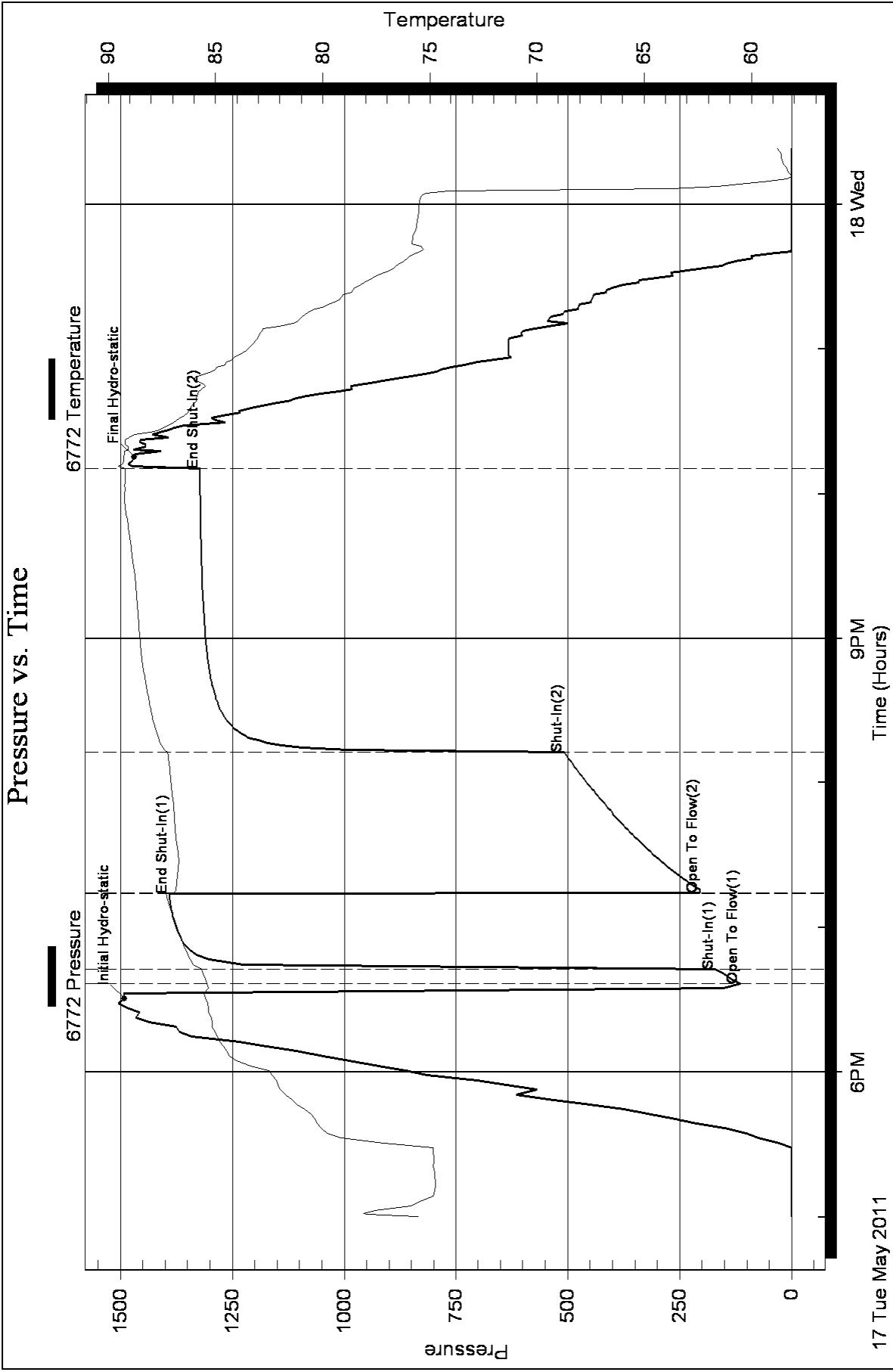
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1150.00	100% water	16.131

Total Length: 1150.00 ft Total Volume: 16.131 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .55 @ 65= 13000 ppm

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc.**

3007 Broadway
Mount Vernon, IL 62864

ATTN: Tom Pronhold

22-30-26 Meade,KS

Goetz 22-1

Start Date: 2011.05.18 @ 20:45:00

End Date: 2011.05.19 @ 00:56:45

Job Ticket #: 39430 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

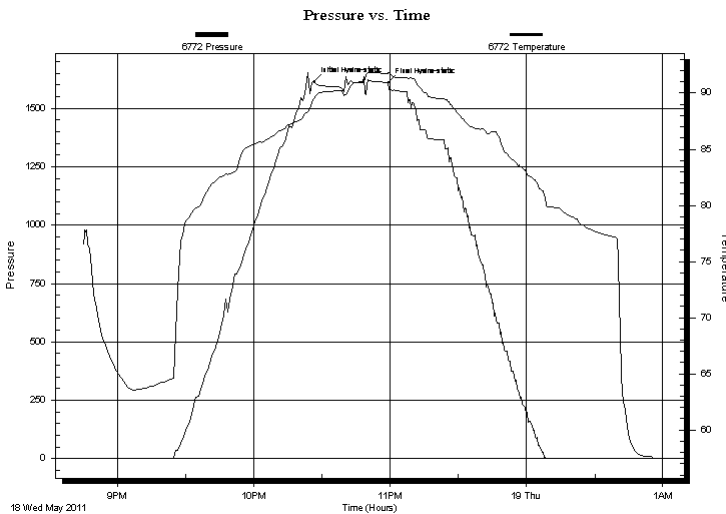
Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39430 **DST#: 3**
Test Start: 2011.05.18 @ 20:45:00

GENERAL INFORMATION:

Formation: **Wab.**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened:
 Tester: Harley Davidson
 Time Test Ended: 00:56:45
 Unit No: 33
 Interval: **3525.00 ft (KB) To 3574.00 ft (KB) (TVD)**
 Reference Elevations: 2549.00 ft (KB)
 Total Depth: 3574.00 ft (KB) (TVD)
 2539.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 10.00 ft

Serial #: 6772 Outside
 Press @ Run Depth: psig @ 3528.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.18 End Date: 2011.05.19 Last Calib.: 2011.05.19
 Start Time: 20:45:05 End Time: 00:56:45 Time On Btm: 2011.05.18 @ 22:26:30
 Time Off Btm: 2011.05.18 @ 22:59:00

TEST COMMENT: Miss Run



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.57	89.49	Initial Hydro-static
33	1609.24	91.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Miss run	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39430 **DST#: 3**
Test Start: 2011.05.18 @ 20:45:00

Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	Volume: 49.29 bbl	Tool Weight:	2000.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume: 49.29 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3525.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	76.00 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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Change Over Sub	1.00			3499.00	
Shut In Tool	5.00			3504.00	
Hydraulic tool	5.00			3509.00	
Jars	5.00			3514.00	
Safety Joint	2.00			3516.00	
Packer	5.00			3521.00	27.00 Bottom Of Top Packer
Packer	4.00			3525.00	
Stubb	1.00			3526.00	
Perforations	2.00			3528.00	
Recorder	0.00	8355	Inside	3528.00	
Recorder	0.00	6772	Outside	3528.00	
Change Over Sub	1.00			3529.00	
Drill Pipe	31.00			3560.00	
Change Over Sub	1.00			3561.00	
Perforations	10.00			3571.00	
Bullnose	3.00			3574.00	49.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39430 **DST#: 3**
Test Start: 2011.05.18 @ 20:45:00

Mud and Cushion Information

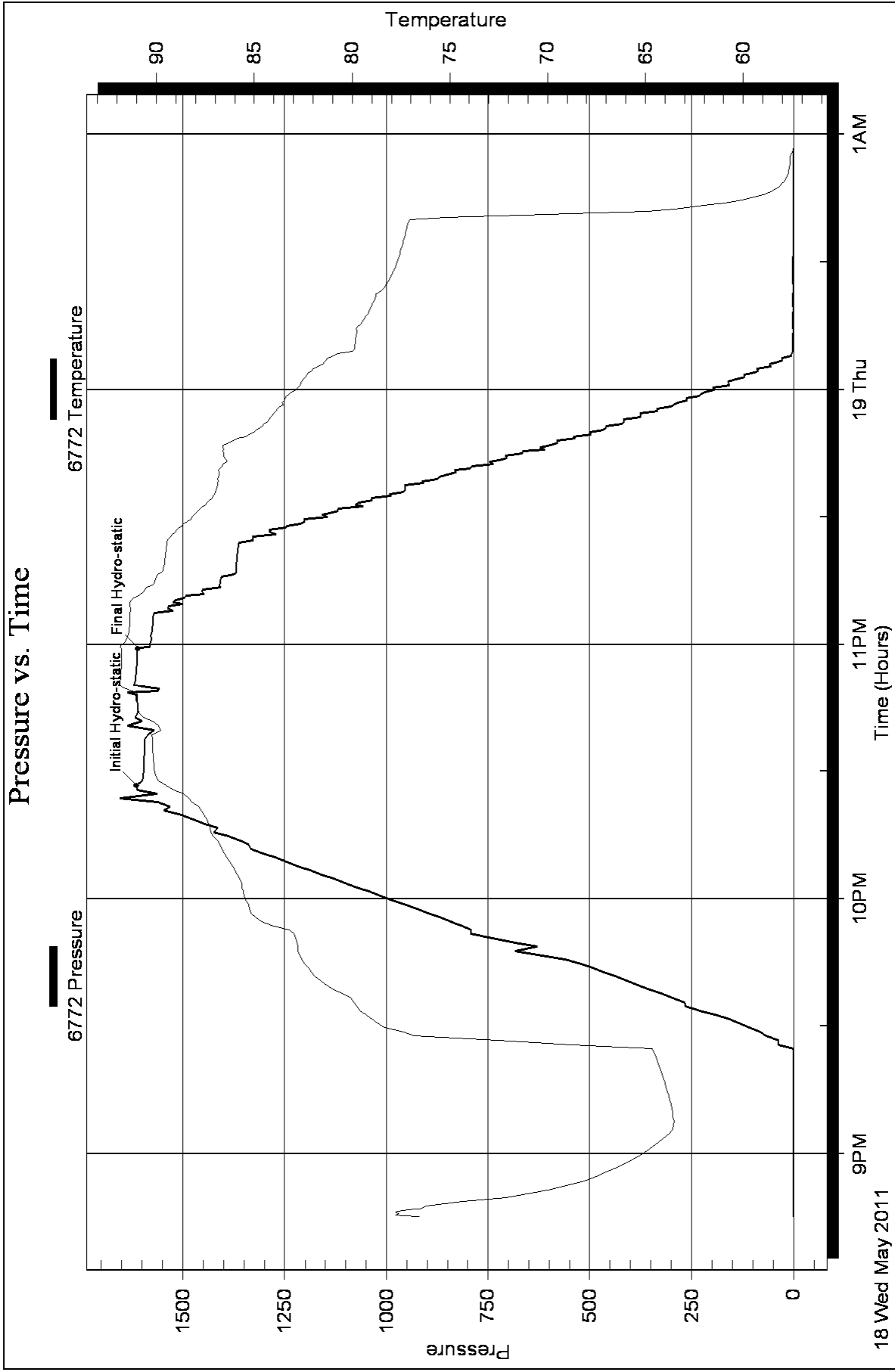
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Miss run	0.000

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





DRILL STEM TEST REPORT

Prepared For: **Wood Energy Inc.**

3007 Broadway
Mount Vernon, IL 62864

ATTN: Tom Pronhold

22-30-26 Meade,KS

Goetz 22-1

Start Date: 2011.05.19 @ 08:00:00

End Date: 2011.05.19 @ 13:43:00

Job Ticket #: 39431 DST #: 4

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Wood Energy Inc.
 3007 Broadway
 Mount Vernon, IL 62864
 ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
 Job Ticket: 39431 **DST#: 4**
 Test Start: 2011.05.19 @ 08:00:00

GENERAL INFORMATION:

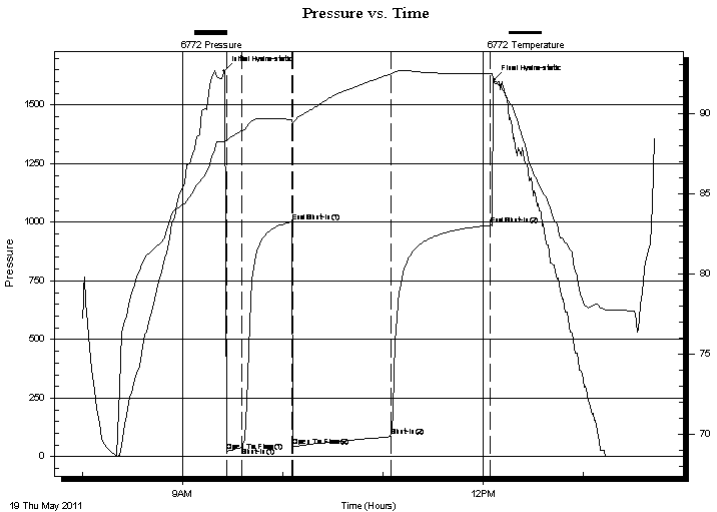
Formation: **Wabaunsee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:26:30
 Time Test Ended: 13:43:00
 Interval: **3526.00 ft (KB) To 3574.00 ft (KB) (TVD)**
 Total Depth: 3574.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Harley Davidson
 Unit No: 33
 Reference Elevations: 2549.00 ft (KB)
 2539.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press @ Run Depth: 85.83 psig @ 3529.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.05.19 End Date: 2011.05.19 Last Calib.: 2011.05.19
 Start Time: 08:00:05 End Time: 13:42:59 Time On Btm: 2011.05.19 @ 09:25:00
 Time Off Btm: 2011.05.19 @ 12:06:45

TEST COMMENT: IF- Strong blow BOB 1 min.
 IS- No blow back.
 FF- Strong blow BOB 9 min.
 FS- No blow back.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1644.95	88.22	Initial Hydro-static
2	23.86	88.29	Open To Flow (1)
11	38.37	88.91	Shut-In(1)
41	1001.18	89.61	End Shut-In(1)
41	44.54	89.37	Open To Flow (2)
100	85.83	92.43	Shut-In(2)
160	987.16	92.46	End Shut-In(2)
162	1607.89	91.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	310 GIP	0.00
160.00	30% mud 70% water trace of gas	2.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39431 **DST#: 4**
Test Start: 2011.05.19 @ 08:00:00

Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	Volume: 49.29 bbl	Tool Weight: 2000.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3526.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 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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Change Over Sub	1.00			3500.00	
Shut In Tool	5.00			3505.00	
Hydraulic tool	5.00			3510.00	
Jars	5.00			3515.00	
Safety Joint	2.00			3517.00	
Packer	5.00			3522.00	27.00 Bottom Of Top Packer
Packer	4.00			3526.00	
Stubb	1.00			3527.00	
Perforations	2.00			3529.00	
Recorder	0.00	8355	Inside	3529.00	
Recorder	0.00	6772	Outside	3529.00	
Change Over Sub	1.00			3530.00	
Drill Pipe	31.00			3561.00	
Change Over Sub	1.00			3562.00	
Perforations	9.00			3571.00	
Bullnose	3.00			3574.00	48.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc.
3007 Broadway
Mount Vernon, IL 62864
ATTN: Tom Pronhold

Goetz 22-1
22-30-26 Meade,KS
Job Ticket: 39431 **DST#: 4**
Test Start: 2011.05.19 @ 08:00:00

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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	310 GIP	0.000
160.00	30% mud 70% water trace of gas	2.244

Total Length: 160.00 ft Total Volume: 2.244 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

