



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: _____



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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6573

Date	5-10-13	Sec.	11	Twp.	15	Range	18	County	Ellis	State	KS	On Location		Finish	9:00 PM
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Location Hays Commerce 8S W 12

Lease	Gross	Well No.	6	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal 1				
Type Job	Surface				
Hole Size	12 1/4	T.D.	222	Charge To	Charter Energy Inc.
Csg.	8 5/8	Depth	222	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	20	Shoe Joint	20	Cement Amount Ordered	160 com 3% cc 2% gel
Meas Line		Displace	13661		

EQUIPMENT

Pumptrk	9	No.	Cementer		Common
			Helper	Lonnie W.	
Bulktrk	3	No.	Driver	Lonnie M.	Poz. Mix
			Driver		Gel.
Bulktrk	PU	No.	Driver	Travis	Calcium
			Driver		

JOB SERVICES & REMARKS

Remarks:	cement did circulate	Hulls	
Rat Hole		Salt	
Mouse Hole		Flowseal	
Centralizers		Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature *Donny Budy*

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

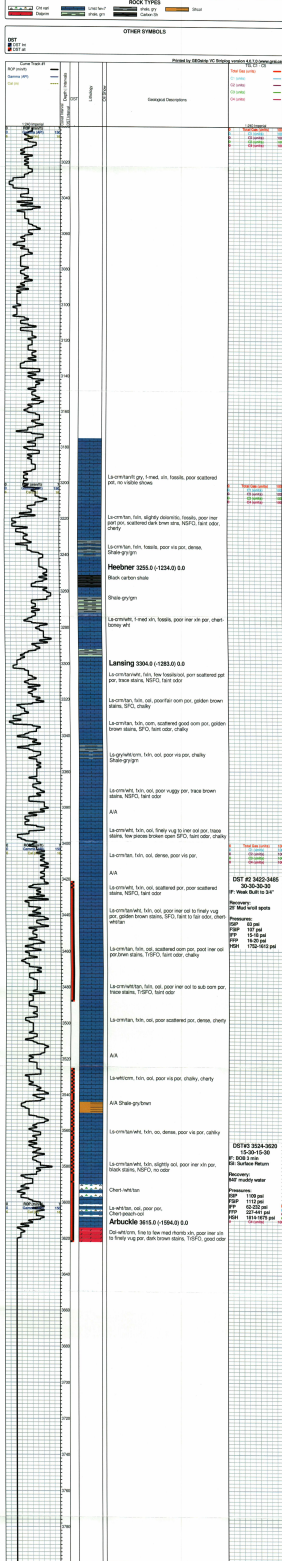
Home Office P.O. Box 32 Russell, KS 67665

No. 685A

Date	5-16-13	Sec.	11	Twp.	15	Range	18	County	ELLIS	State	KANSAS	On Location		Finish	8:00pm
Lease								Well No.		Owner					
GROSS								#16		CHARTER ENERGY					
Contractor										To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job										Charge To					
P.T.A										CHARTER ENERGY					
Hole Size				T.D.		Charge To				Street					
7 7/8"				3,100'		CHARTER ENERGY				P.O. Box 252					
Csg.				Depth		City				State					
4 1/2"						GREAT BEND				KS, 67530					
Tbg. Size				Depth		The above was done to satisfaction and supervision of owner agent or contractor.									
						Cement Amount Ordered				270 60/40 90Z-4 ⁰⁵ GEL-1/4 ¹⁵ FLOW SEAL					
Cement Left in Csg.				Shoe Joint											
Meas Line				Displace											
EQUIPMENT								Common							
Pumptrk #116				No.		Cementer Helper				POZ. Mix					
						TRAVIS H									
Bulktrk #12				No.		Driver				Gel.					
						LONNIE W.									
Bulktrk #11				No.		Driver				Calcium					
						CROSS A									
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
1st @ 3,595'				50 SKS		Handling									
2nd @ 1,200'				25 SKS		Mileage									
3rd @ 525'				100 SKS		FLOAT EQUIPMENT									
4th @ 275'				40 SKS		Guide Shoe									
5th @ 40'				10 SKS		Centralizer									
RATHOLE				30 SKS		Baskets									
MOUSEHOLE				15 SKS		AFU Inserts									
TOTAL SKS				270		Float Shoe									
						Latch Down									
						1-8 3/8 WOODEN PLUG									
						Pumptrk Charge									
						Mileage									
						Tax									
						Discount									
						Total Charge									
Signature								Doug Bues							



Geologist's Report
Company: **Charter Energy, Inc.**
Lease: **2088 #6**
Field: **Chickasha**
Location: **S27-N2E-W4E (1080' FM, 8 500' FFA)**
Sec: **24** Twp: **25S** Rgn: **25W**
County: **Ellis** State: **Kansas**
G: **201E** N: **2021**
Contractor: **Royal Drilling Rig #1**
Spud: **5-16-13** Comp: **8-12-13**
RTD: **8:46** LTD: **2:22**
Mud Up: **2552** Type Mud: **Chemical/Displaced**
Samples Saved From: **2100' to RTD**
Drilling Time kept From: **3:00' to 6:00'**
Samples Examined From: **2100' to RTD**
Geological Supervisor From: **3:00' to RTD**
Geologist on Well: **K. Talbot**
Surface Casing: **5.5" @ 222'**
Production Casing: **NONE**
Electronic Surveys: **NONE**





DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Gross #6

11-15s-118w Ellis,KS

Start Date: 2013.05.14 @ 14:14:08

End Date: 2013.05.14 @ 20:48:23

Job Ticket #: 52244 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.22 @ 08:40:19



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy, Inc
 PO Box 252
 Great Bend, KS 67530
 ATTN: Kurt Talbott

11-15s-118w Ellis,KS
Gross #6
 Job Ticket: 52244 **DST#: 1**
 Test Start: 2013.05.14 @ 14:14:08

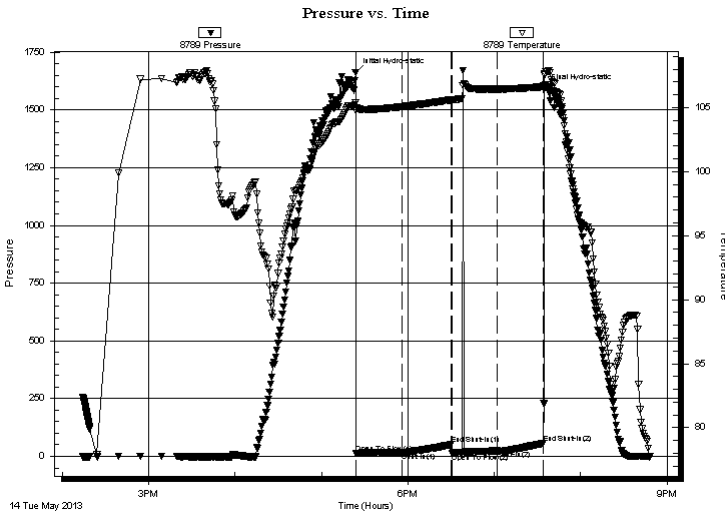
GENERAL INFORMATION:

Formation: **Lansing A-C**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:23:53 Tester: Jason McLemore
 Time Test Ended: 20:48:23 Unit No: 54
 Interval: **3307.00 ft (KB) To 3355.00 ft (KB) (TVD)** Reference Elevations: 2021.00 ft (KB)
 Total Depth: 3355.00 ft (KB) (TVD) 2014.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

Serial #: 8789 Inside
 Press @ Run Depth: 25.48 psig @ 3309.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.14 End Date: 2013.05.14 Last Calib.: 2013.05.14
 Start Time: 14:14:10 End Time: 20:48:23 Time On Btm: 2013.05.14 @ 17:23:38
 Time Off Btm: 2013.05.14 @ 19:34:53

TEST COMMENT: IFP-Weak Intermittant Blow , Built to 1"
 ISI-Dead
 FFP-Dead, Flush Tool, Good Surge, Died
 FSI-Dead

PRESSURE SUMMARY



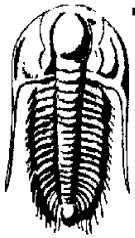
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1660.75	105.40	Initial Hydro-static
1	13.52	104.75	Open To Flow (1)
33	16.07	105.07	Shut-In(1)
67	51.13	105.60	End Shut-In(1)
67	13.64	105.59	Open To Flow (2)
99	25.48	106.44	Shut-In(2)
131	56.14	106.63	End Shut-In(2)
132	1592.68	107.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling Mud	0.28

Gas Rates

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



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DRILL STEM TEST REPORT

Charter Energy, Inc
 PO Box 252
 Great Bend, KS 67530
 ATTN: Kurt Talbott

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Gross #6
 Job Ticket: 52244 **DST#: 1**
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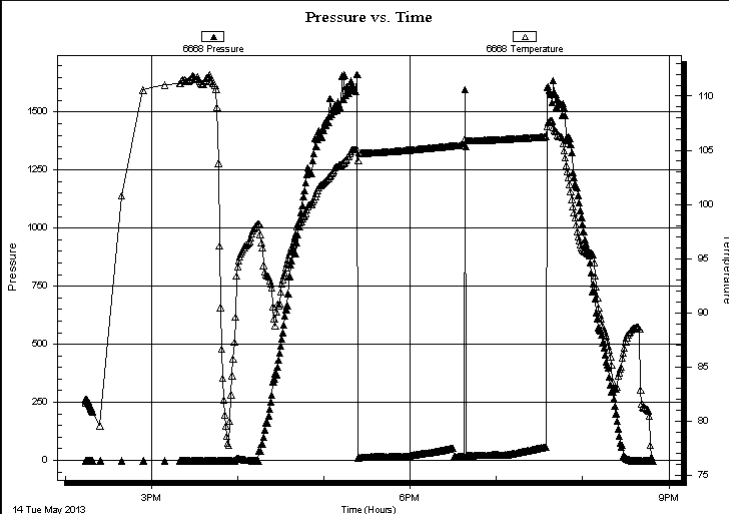
GENERAL INFORMATION:

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 Interval: **3307.00 ft (KB) To 3355.00 ft (KB) (TVD)** Reference Elevations: 2021.00 ft (KB)
 Total Depth: 3355.00 ft (KB) (TVD) 2014.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 7.00 ft

Serial #: 6668 Outside

Press @RunDepth:	psig @	3309.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2013.05.14	End Date:	2013.05.14	Last Calib.:	2013.05.14
Start Time:	14:14:10	End Time:	20:48:38	Time On Btm:	
			Time Off Btm:		

TEST COMMENT: IFP-Weak Intermittant Blow , Built to 1"
 ISI-Dead
 FFP-Dead, Flush Tool, Good Surge, Died
 FSI-Dead



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling Mud	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy, Inc
 PO Box 252
 Great Bend, KS 67530
 ATTN: Kurt Talbott

11-15s-118w Ellis,KS
Gross #6
 Job Ticket: 52244 **DST#: 1**
 Test Start: 2013.05.14 @ 14:14:08

Tool Information

Drill Pipe:	Length: 3300.00 ft	Diameter: 3.80 inches	Volume: 46.29 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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:	64000.00 lb
			<u>Total Volume: 46.29 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	61000.00 lb
Depth to Top Packer:	3307.00 ft			Final	61000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	69.00 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			3287.00	
Shut In Tool	5.00			3292.00	
Hydraulic tool	5.00			3297.00	
Packer	5.00			3302.00	21.00 Bottom Of Top Packer
Packer	5.00			3307.00	
Stubb	1.00			3308.00	
Perforations	1.00			3309.00	
Recorder	0.00	8789	Inside	3309.00	
Recorder	0.00	6668	Outside	3309.00	
Change Over Sub	1.00			3310.00	
Blank Spacing	31.00			3341.00	
Change Over Sub	1.00			3342.00	
Perforations	10.00			3352.00	
Bullnose	3.00			3355.00	48.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy, Inc

11-15s-118w Ellis,KS

PO Box 252
Great Bend, KS 67530

Gross #6

Job Ticket: 52244

DST#: 1

ATTN: Kurt Talbott

Test Start: 2013.05.14 @ 14:14:08

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling Mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

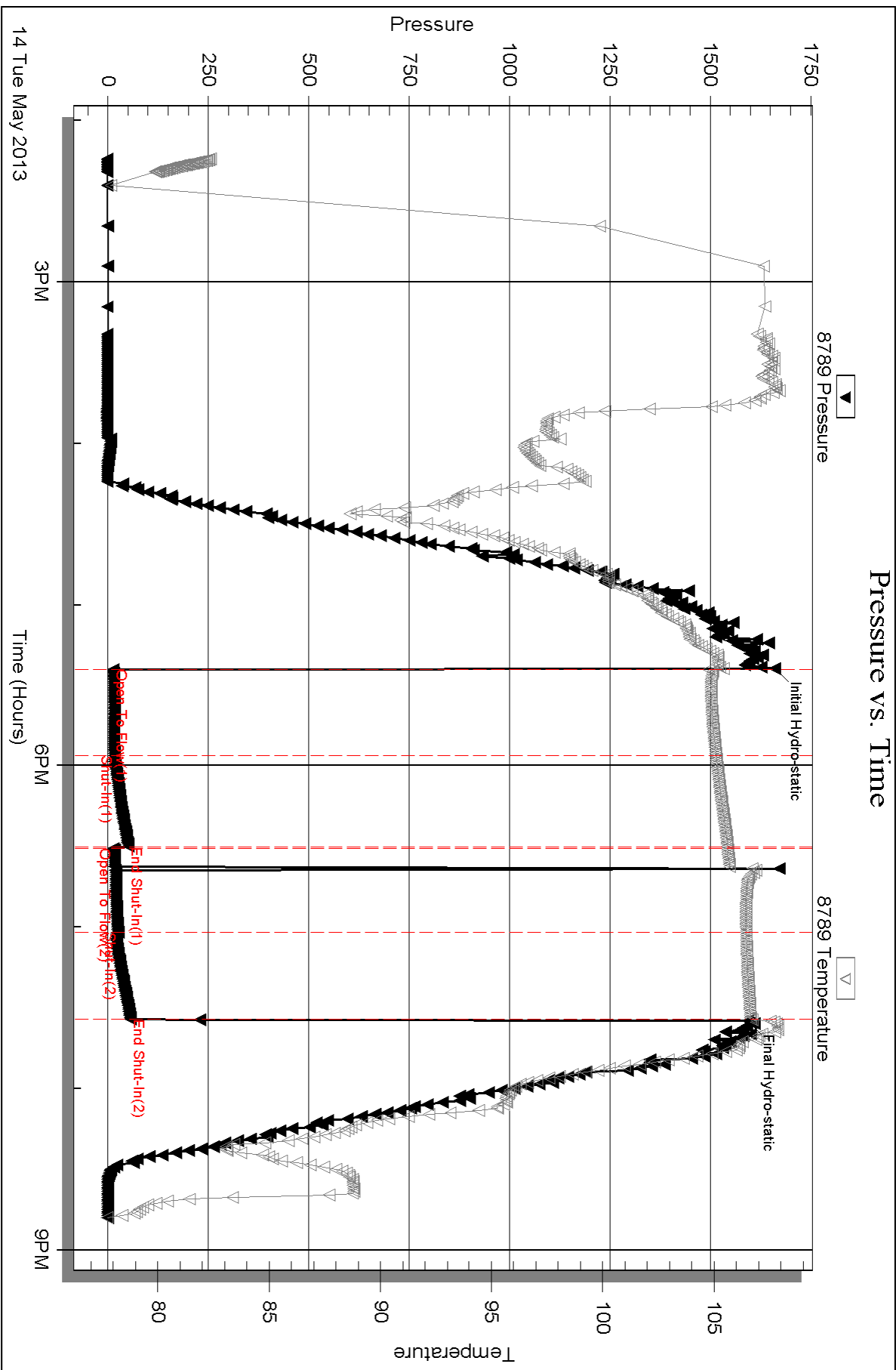
Serial #: 8789

Inside

Charter Energy, Inc

Gross #6

DST Test Number: 1

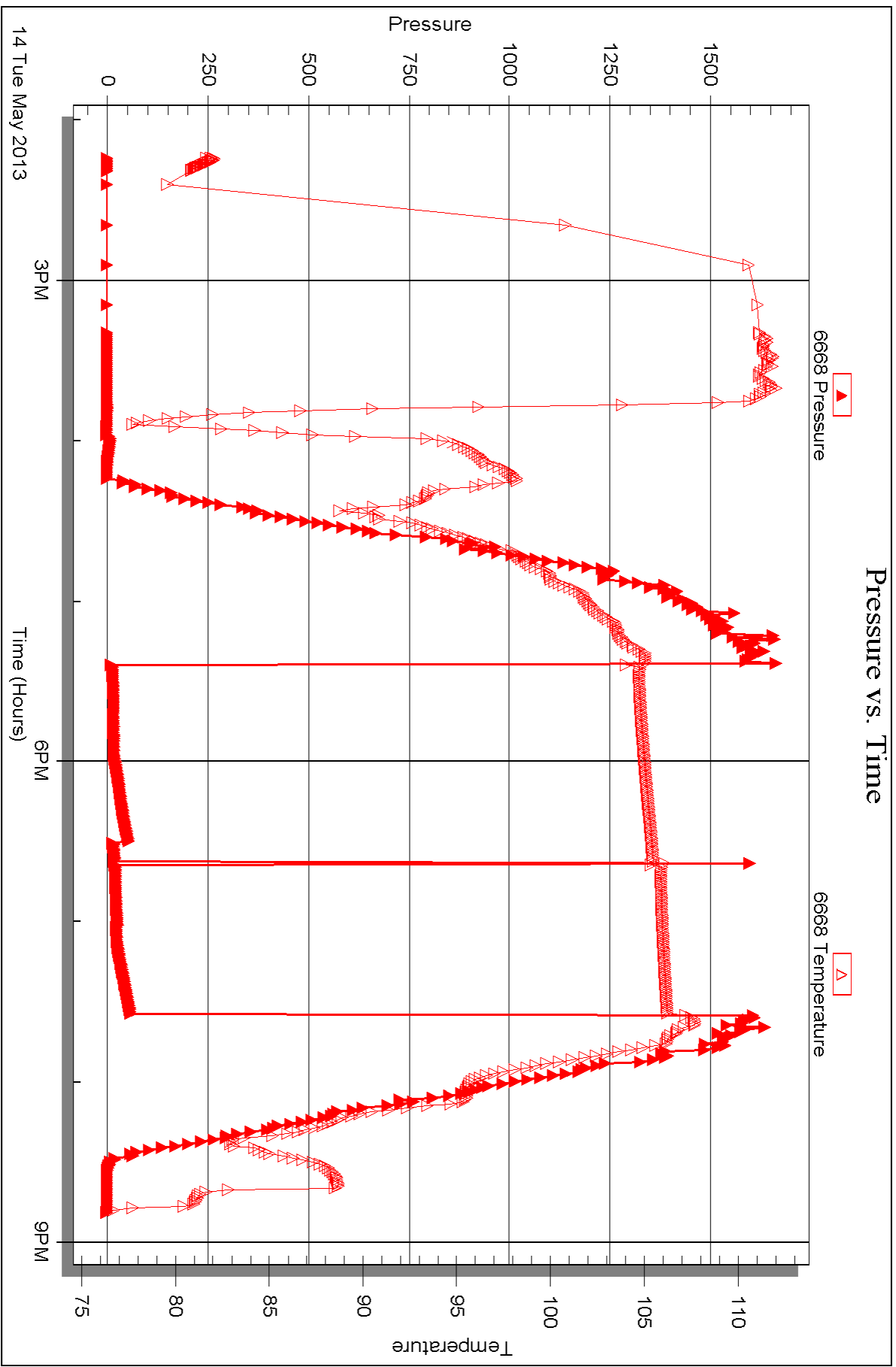


Serial #: 6668

Outside Charter Energy, Inc

Gross #6

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Gross #6

11-15s-118w Ellis,KS

Start Date: 2013.05.15 @ 12:14:16

End Date: 2013.05.15 @ 17:23:46

Job Ticket #: 52245 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.22 @ 08:39:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy, Inc
 PO Box 252
 Great Bend, KS 67530
 ATTN: Kurt Talbott

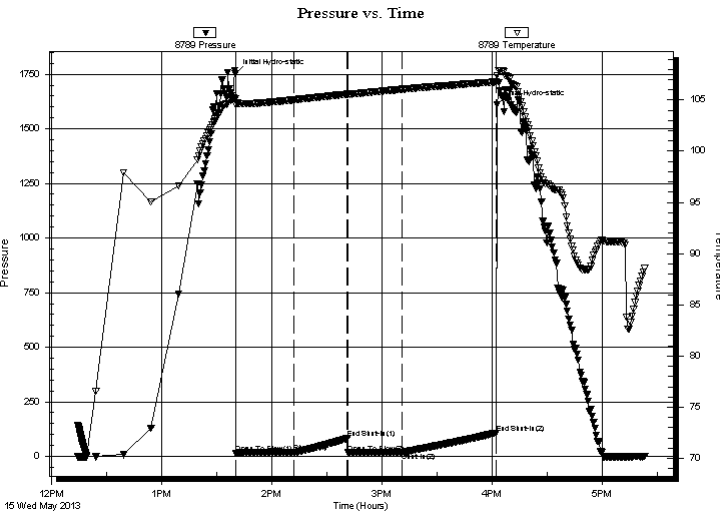
11-15s-118w Ellis,KS
Gross #6
 Job Ticket: 52245 **DST#: 2**
 Test Start: 2013.05.15 @ 12:14:16

GENERAL INFORMATION:

Formation: **Lansing H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:40:31
 Time Test Ended: 17:23:46
Interval: 3422.00 ft (KB) To 3485.00 ft (KB) (TVD)
 Total Depth: 3485.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2021.00 ft (KB)
 2014.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8789 Inside
 Press @ Run Depth: 20.02 psig @ 3424.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.15 End Date: 2013.05.15 Last Calib.: 2013.05.15
 Start Time: 12:14:18 End Time: 17:23:46 Time On Btm: 2013.05.15 @ 13:40:16
 Time Off Btm: 2013.05.15 @ 16:03:01

TEST COMMENT: IFP-Weak Blow , Built to 3/4"
 ISI-Dead
 FFP-Weak Blow , Built to 3"
 FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.83	105.15	Initial Hydro-static
1	15.45	104.49	Open To Flow (1)
32	17.69	105.02	Shut-In(1)
61	82.60	105.57	End Shut-In(1)
62	16.02	105.56	Open To Flow (2)
91	20.02	106.05	Shut-In(2)
142	107.46	106.76	End Shut-In(2)
143	1611.70	107.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud W/Oil Spots	0.35

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy, Inc
PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

11-15s-118w Ellis,KS
Gross #6
Job Ticket: 52245 **DST#: 2**
Test Start: 2013.05.15 @ 12:14:16

GENERAL INFORMATION:

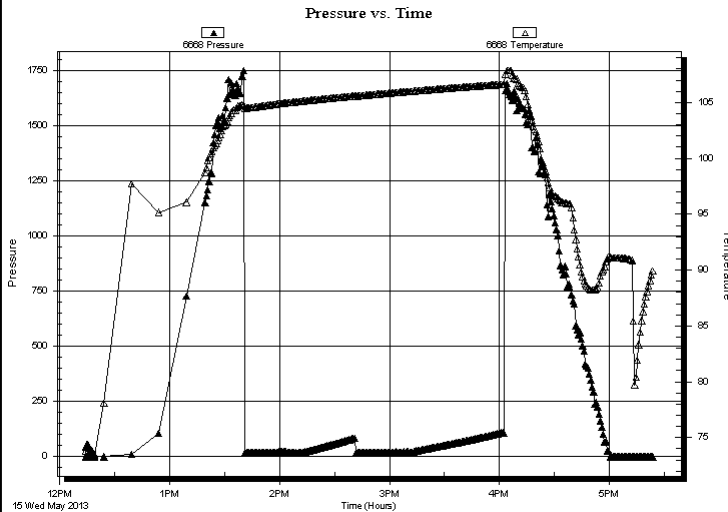
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Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:40:31
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Interval: 3422.00 ft (KB) To 3485.00 ft (KB) (TVD)
Total Depth: 3485.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 2021.00 ft (KB)
2014.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6668 Outside

Press @ Run Depth: psig @ 3424.00 ft (KB)
Start Date: 2013.05.15 End Date: 2013.05.15
Start Time: 12:14:03 End Time: 17:24:01
Capacity: 8000.00 psig
Last Calib.: 2013.05.15
Time On Btm:
Time Off Btm:

TEST COMMENT: IFP-Weak Blow , Built to 3/4"
ISI-Dead
FFP-Weak Blow , Built to 3"
FSI-Dead



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Mud W/Oil Spots	0.35

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy, Inc

11-15s-118w Ellis,KS

PO Box 252
Great Bend, KS 67530

Gross #6

Job Ticket: 52245

DST#: 2

ATTN: Kurt Talbott

Test Start: 2013.05.15 @ 12:14:16

Tool Information

Drill Pipe:	Length: 3425.00 ft	Diameter: 3.80 inches	Volume: 48.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 65000.00 lb
			<u>Total Volume: 48.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3422.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 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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Change Over Sub	1.00			3402.00	
Shut In Tool	5.00			3407.00	
Hydraulic tool	5.00			3412.00	
Packer	5.00			3417.00	21.00 Bottom Of Top Packer
Packer	5.00			3422.00	
Stubb	1.00			3423.00	
Perforations	1.00			3424.00	
Recorder	0.00	8789	Inside	3424.00	
Recorder	0.00	6668	Outside	3424.00	
Change Over Sub	1.00			3425.00	
Blank Spacing	32.00			3457.00	
Change Over Sub	1.00			3458.00	
Perforations	24.00			3482.00	
Bullnose	3.00			3485.00	63.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy, Inc

11-15s-118w Ellis,KS

PO Box 252
Great Bend, KS 67530

Gross #6

Job Ticket: 52245

DST#: 2

ATTN: Kurt Talbott

Test Start: 2013.05.15 @ 12:14:16

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Mud W/Oil Spots	0.351

Total Length: 25.00 ft Total Volume: 0.351 bbl

Num Fluid Samples: 0

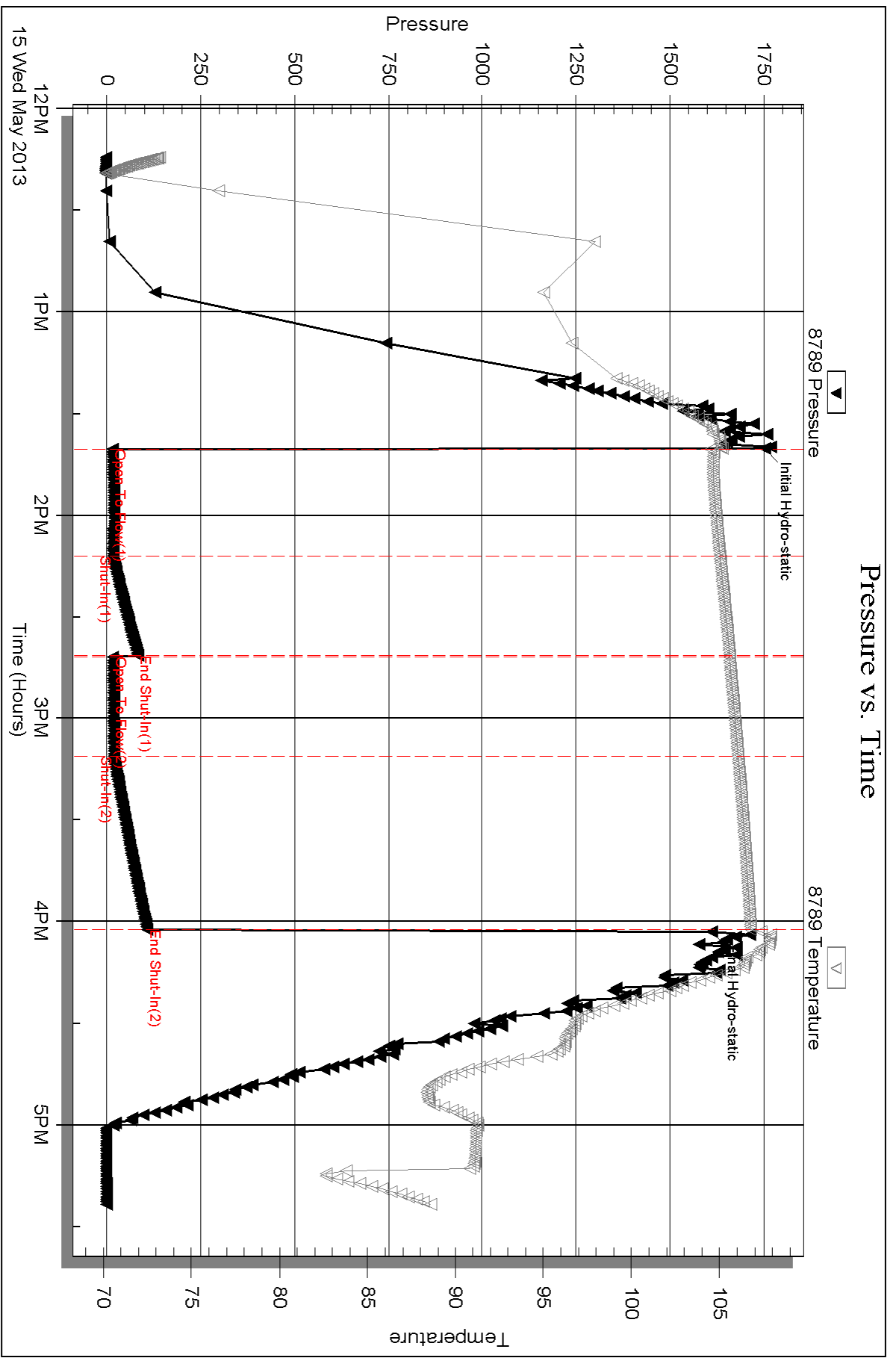
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

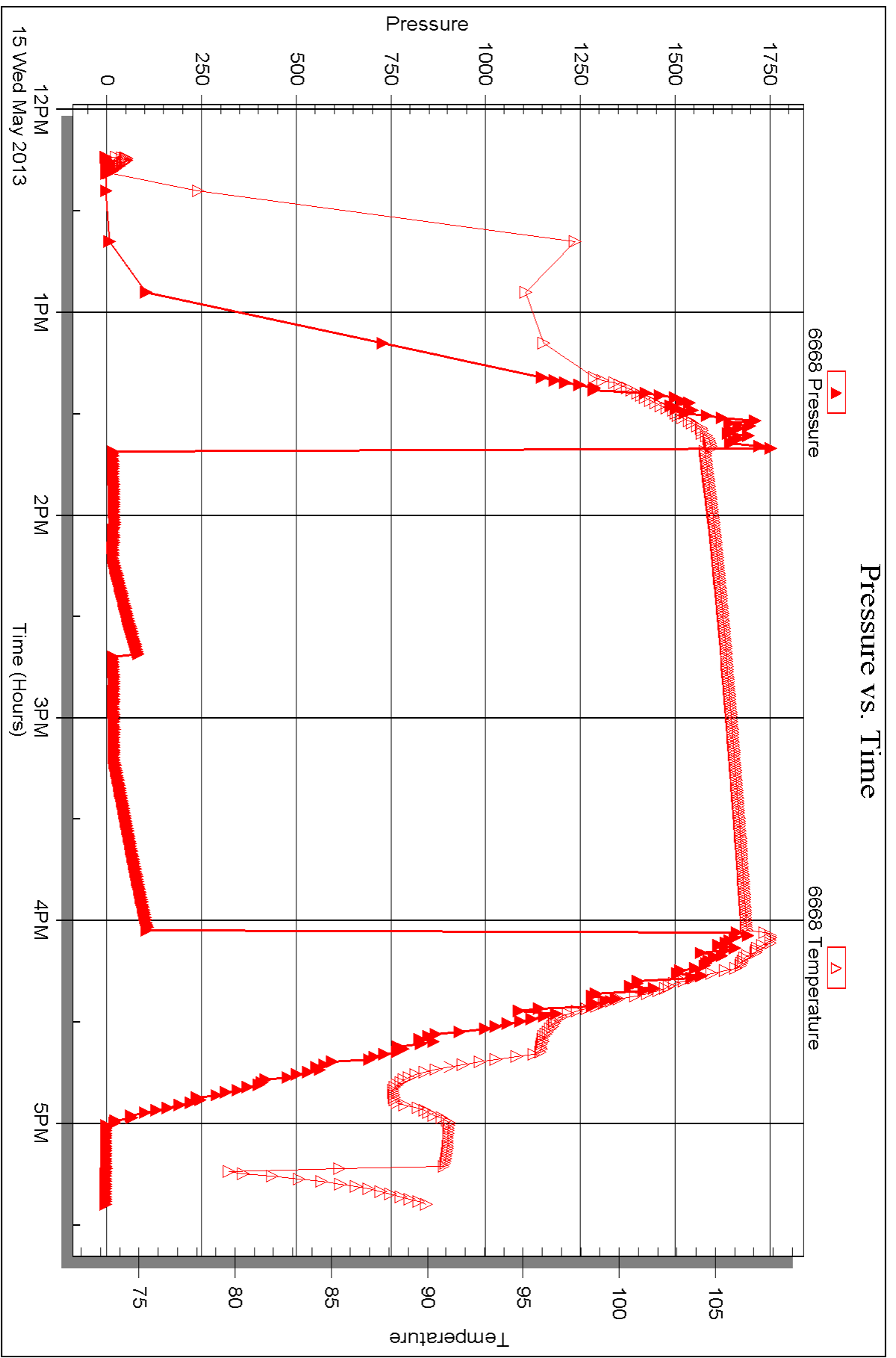


Serial #: 6668

Outside Charter Energy, Inc

Gross #6

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Gross #6

11-15s-118w Ellis,KS

Start Date: 2013.05.16 @ 09:39:23

End Date: 2013.05.16 @ 15:25:38

Job Ticket #: 52246 DST #: 3

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

Printed: 2013.05.22 @ 08:38:57



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy, Inc
PO Box 252
Great Bend, KS 67530
ATTN: Kurt Talbott

11-15s-118w Ellis,KS

Gross #6

Job Ticket: 52246

DST#: 3

Test Start: 2013.05.16 @ 09:39:23

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:27:08
Time Test Ended: 15:25:38
Interval: **3524.00 ft (KB) To 3620.00 ft (KB) (TVD)**
Total Depth: 3620.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2021.00 ft (KB)
2014.00 ft (CF)
KB to GR/CF: 7.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54

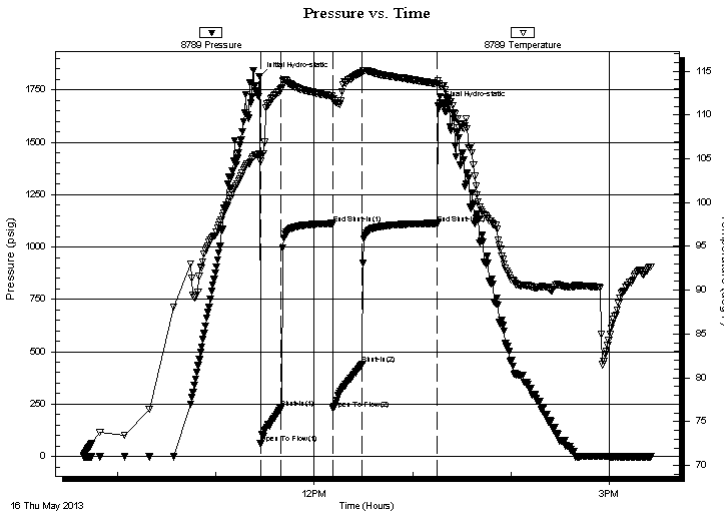
Serial #: 8789

Inside

Press @ Run Depth: 441.35 psig @ 3526.00 ft (KB)
Start Date: 2013.05.16 End Date: 2013.05.16
Start Time: 09:39:25 End Time: 15:25:38
Capacity: 8000.00 psig
Last Calib.: 2013.05.16
Time On Btm: 2013.05.16 @ 11:26:38
Time Off Btm: 2013.05.16 @ 13:15:23

TEST COMMENT: IFP-Strong Blow , BOB in 3 Min.
ISI-Surface Blow back
FFP-Strong, BOB in 2 Min.
FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1814.20	105.53	Initial Hydro-static
1	61.99	104.73	Open To Flow (1)
14	232.32	112.97	Shut-In(1)
45	1109.23	112.16	End Shut-In(1)
45	227.09	111.77	Open To Flow (2)
63	441.35	114.87	Shut-In(2)
109	1112.39	113.56	End Shut-In(2)
109	1675.28	113.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
840.00	Muddy Water	11.78

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Charter Energy, Inc
PO Box 252
Great Bend, KS 67530
ATTN: Kurt Talbott

11-15s-118w Ellis,KS
Gross #6
Job Ticket: 52246 **DST#: 3**
Test Start: 2013.05.16 @ 09:39:23

Tool Information

Drill Pipe:	Length: 3521.00 ft	Diameter: 3.80 inches	Volume: 49.39 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 49.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3524.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	96.00 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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Change Over Sub	1.00			3504.00	
Shut In Tool	5.00			3509.00	
Hydraulic tool	5.00			3514.00	
Packer	5.00			3519.00	21.00 Bottom Of Top Packer
Packer	5.00			3524.00	
Stubb	1.00			3525.00	
Perforations	1.00			3526.00	
Recorder	0.00	8789	Inside	3526.00	
Recorder	0.00	6668	Outside	3526.00	
Change Over Sub	1.00			3527.00	
Blank Spacing	64.00			3591.00	
Change Over Sub	1.00			3592.00	
Perforations	25.00			3617.00	
Bullnose	3.00			3620.00	96.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy, Inc

11-15s-118w Ellis,KS

PO Box 252
Great Bend, KS 67530

Gross #6

Job Ticket: 52246

DST#: 3

ATTN: Kurt Talbott

Test Start: 2013.05.16 @ 09:39:23

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:

27000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
840.00	Muddy Water	11.783

Total Length: 840.00 ft Total Volume: 11.783 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

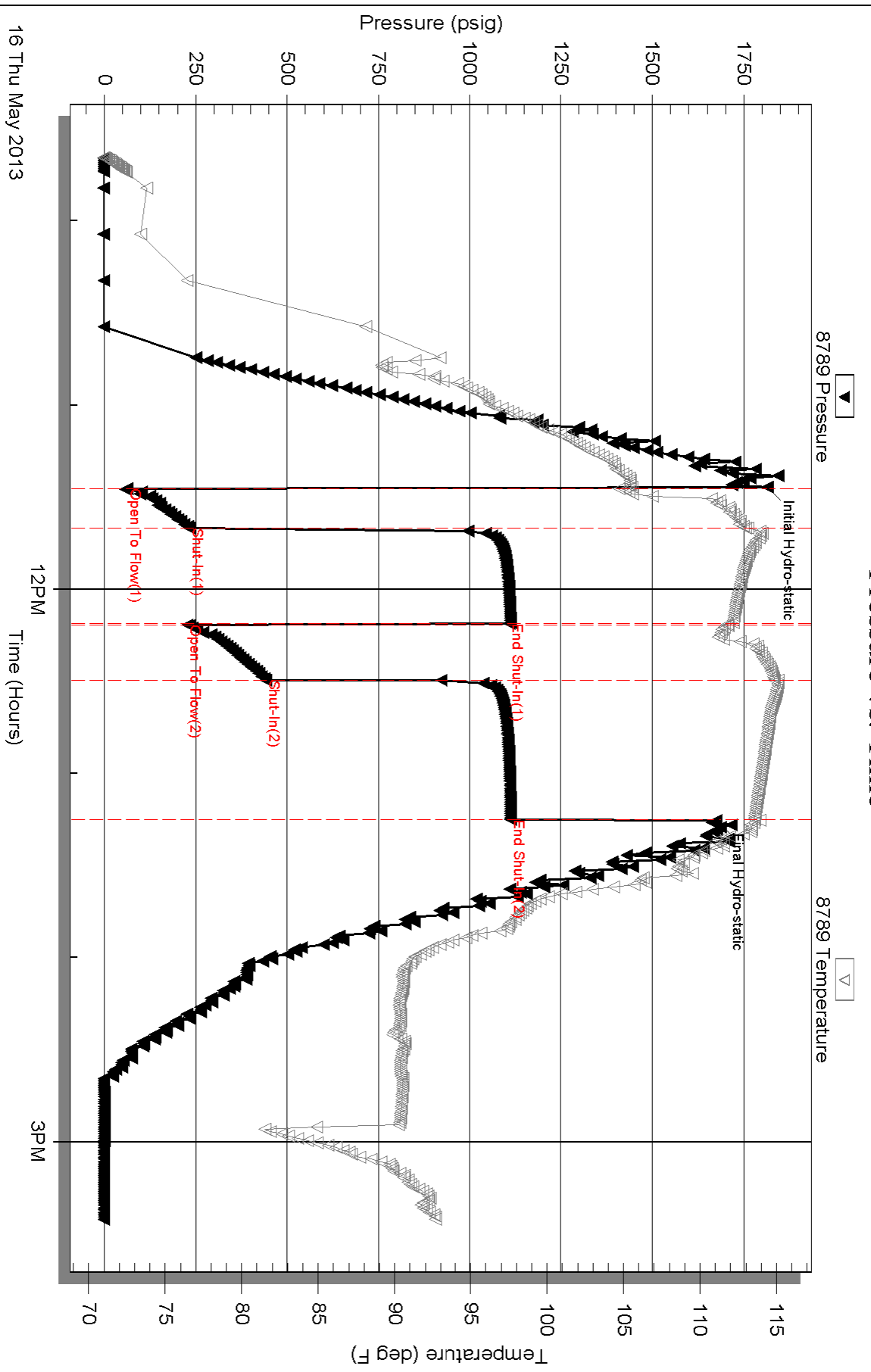
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

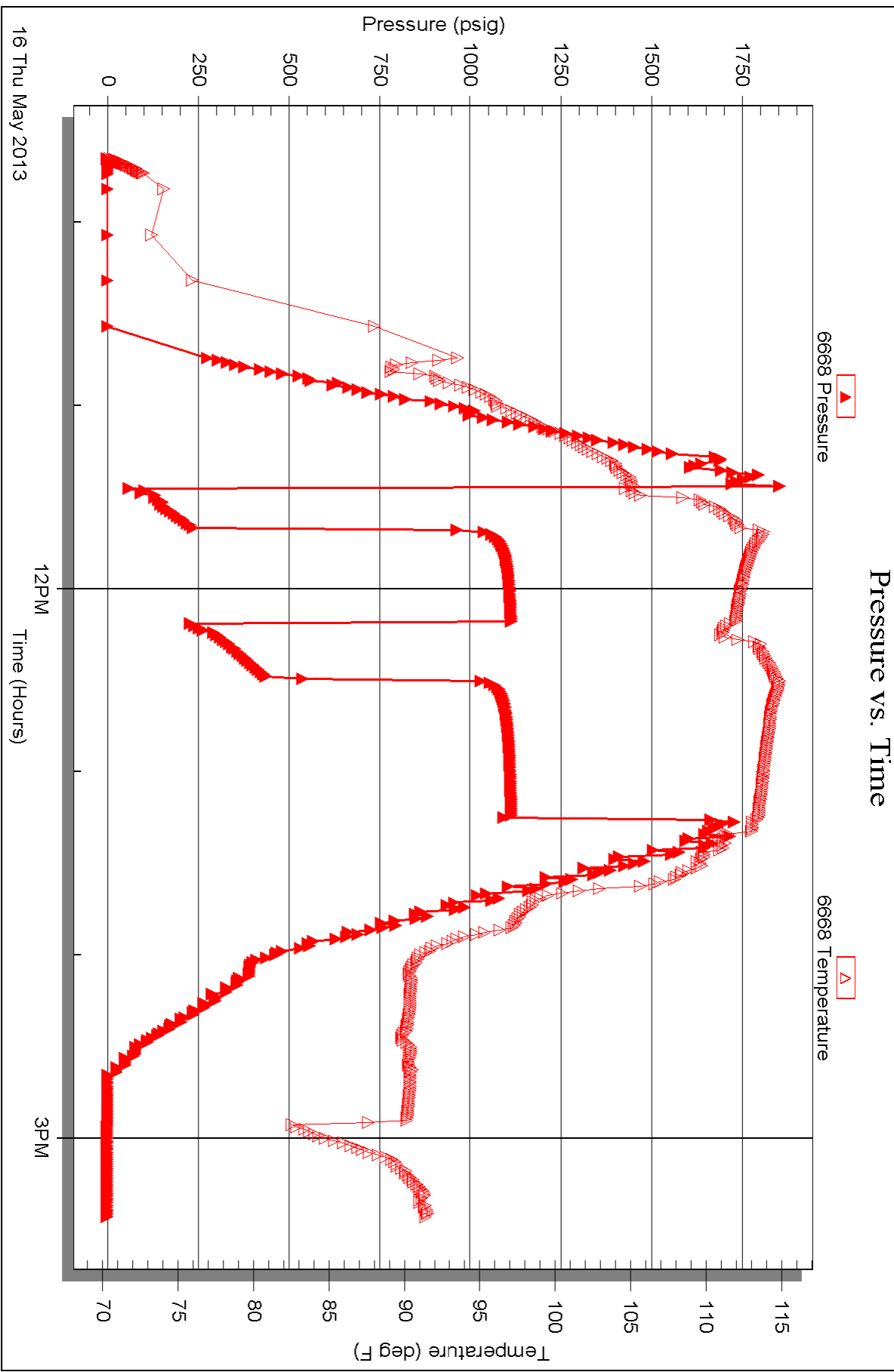


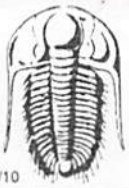
Serial #: 6668

Outside Charter Energy, Inc

Gross #6

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52244

Well Name & No. Gross #6 Test No. 1 Date 5-14-13
 Company Charter Energy, Inc. Elevation 2021 KB 2014 GL
 Address PO Box 252, Great Bend, KS. 67530
 Co. Rep / Geo. Kurt Talbott Rig Royal #1
 Location: Sec. 11 Twp. 15s Rge. 18w Co. Ellis State Ks

Interval Tested 3307 - 3355 Zone Tested Lansing A-C
 Anchor Length 48' Drill Pipe Run 3300 Mud Wt. 9.1
 Top Packer Depth 3302 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3307 Wt. Pipe Run 0 WL 7.6
 Total Depth 3355 Chlorides 3,000 ppm System LCM 2#
 Blow Description IFP - Weak Intermittent Blow, Built to about 1"
ISI - Dead
FFP - Dead, Flush Tool, still Dead.
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Drilling Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT _____ Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1661</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:22</u>
(B) First Initial Flow <u>14</u>	<input type="checkbox"/> Jars _____	T-Started <u>14:12</u>
(C) First Final Flow <u>16</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>17:22</u>
(D) Initial Shut-In <u>51</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>19:22</u>
(E) Second Initial Flow <u>14</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>20:45</u>
(F) Second Final Flow <u>25</u>	<input checked="" type="checkbox"/> Mileage <u>32 rt</u> 49.60	Comments _____
(G) Final Shut-In <u>56</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1593</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>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1199.60</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1199.60</u>	

Approved By _____ Our Representative Jason McJannet Thank you

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52245

Well Name & No. Gross #6 Test No. 2 Date 5-15-13
 Company Charter Energy, Inc. Elevation 2021 KB 2014 GL
 Address PO Box 252, Great Bend, KS. 67530
 Co. Rep / Geo. Kurt Talbott Rig Royal #1
 Location: Sec. 11 Twp. 15s Rge. 18w Co. Ellis State KS

Interval Tested 3422 - 3485 Zone Tested H-I-J
 Anchor Length 63' Drill Pipe Run 3425 Mud Wt. 9.2
 Top Packer Depth 3417 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3422 Wt. Pipe Run 0 WL 7.8
 Total Depth 3485 Chlorides 4600 ppm System LCM 1#
 Blow Description IFP-Weak Blow, Built to 3/4"
ISI-Dead
FFP-Weak Blow, Built to 3"
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>Mud w/Oil Spots</u>	<u>< 1</u>			
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 25 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1752</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>11:49</u>
(B) First Initial Flow <u>15</u>	<input type="checkbox"/> Jars _____	T-Started <u>12:12</u>
(C) First Final Flow <u>18</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>13:41</u>
(D) Initial Shut-In <u>83</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>15:56</u>
(E) Second Initial Flow <u>16</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:23</u>
(F) Second Final Flow <u>20</u>	<input checked="" type="checkbox"/> Mileage <u>16rt</u> 24.80	Comments _____
(G) Final Shut-In <u>107</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1612</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>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1174.80</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1174.80</u>	

Approved By _____

Our Representative Jason M. Jensen

Thank you

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 52246

Well Name & No. Gross #6 Test No. 3 Date 5-16-13
 Company Charter Energy, Inc. Elevation 2021 KB 2014 GL
 Address PO Box 252, Great Bend, Ks. 67530
 Co. Rep / Geo. Kurt Talbot Rig Royal #1
 Location: Sec. 11 Twp. 15s Rge. 18w Co. Ellis State Ks

Interval Tested 3524-3620 Zone Tested Arbuckle
 Anchor Length 96' Drill Pipe Run 3521 Mud Wt. 9.3
 Top Packer Depth 3519 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3524 Wt. Pipe Run 0 WL 8.0
 Total Depth 3620 Chlorides 4800 ppm System LCM 1#
 Blow Description IFP- Strong BOB in 3 min.
ISI- Surface Blowback
FFA- Strong BOB in 2 min
FSE- Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>840</u>	<u>Muddy water</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 840 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides 27,000 ppm

(A) Initial Hydrostatic 1814 Test 1150 T-On Location 9:25
 (B) First Initial Flow 62 Jars _____ T-Started 9:37
 (C) First Final Flow 232 Safety Joint _____ T-Open 11:27
 (D) Initial Shut-In 1109 Circ Sub _____ T-Pulled 13:12
 (E) Second Initial Flow 227 Hourly Standby _____ T-Out 15:25
 (F) Second Final Flow 441 Mileage 16.4 24.80 Comments _____
 (G) Final Shut-In 1112 Sampler _____
 (H) Final Hydrostatic 1675 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1174.80
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1174.80

Approved By _____

Our Representative Jason McLawrence

Thank you

Trilobite Testing Inc. shall not be liable for damaged or 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.