



**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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Form	ACO1 - Well Completion
Operator	Charter Energy, Inc.
Well Name	Bogner 1
Doc ID	1114827

Tops

Name	Top	Datum
Heebner	2612	-1077
Douglas	2689	-1154
Lansing	2833	-1298
Mississippian	3619	-2084
Miss. Chert	3668	-2133
Kinderhook Shale	3967	-2432
Misener Sand	4077	-2542
Viola	4088	-2553
Simpson Shale	4134	-2599
Arbuckle	4187	-2652



## DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252  
Great Bend KS .67530

ATTN: Jim Musgrove

### **Bogner #1**

#### **27-25s-4w Reno,KS**

Start Date: 2012.08.26 @ 14:09:33

End Date: 2012.08.26 @ 19:05:18

Job Ticket #: 49602                      DST #: 1

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

Printed: 2012.09.07 @ 13:11:30



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc.  
 PO Box 252  
 Great Bend KS .67530  
 ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
 Job Ticket: 49602      **DST#: 1**  
 Test Start: 2012.08.26 @ 14:09:33

## GENERAL INFORMATION:

Formation: **Lans.**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:48:48  
 Time Test Ended: 19:05:18  
 Interval: **3214.00 ft (KB) To 3244.00 ft (KB) (TVD)**  
 Total Depth: 3244.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 1535.00 ft (KB)  
 1528.00 ft (CF)  
 KB to GR/CF: 7.00 ft

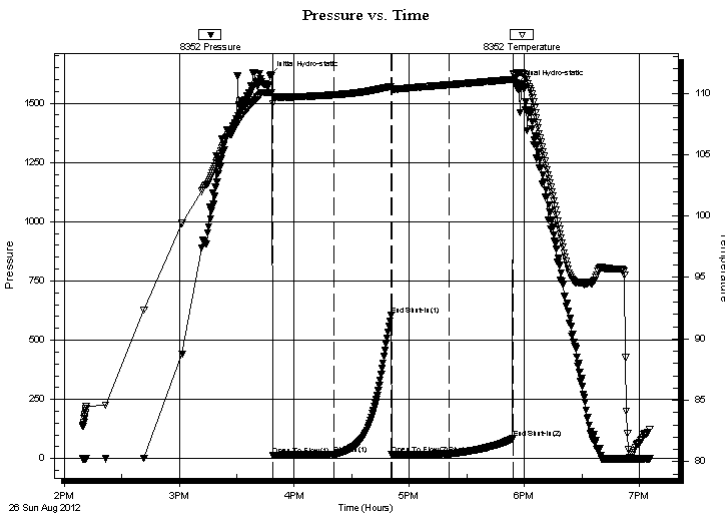
## Serial #: 8352

Inside

Press @ Run Depth: 20.19 psig @ 3215.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.26 End Date: 2012.08.26 Last Calib.: 2012.08.26  
 Start Time: 14:09:38 End Time: 19:05:17 Time On Btm: 2012.08.26 @ 15:47:18  
 Time Off Btm: 2012.08.26 @ 17:55:33

TEST COMMENT: IF: Very weak blow . 1/4" or less.  
 IS: No blow .  
 FF: No blow .  
 FS: No blow .

## PRESSURE SUMMARY



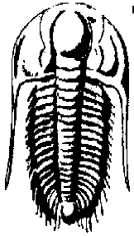
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1617.56	110.06	Initial Hydro-static
2	13.21	109.14	Open To Flow (1)
34	17.39	109.86	Shut-In(1)
63	604.29	110.55	End Shut-In(1)
64	16.69	110.29	Open To Flow (2)
94	20.19	110.69	Shut-In(2)
127	84.33	111.13	End Shut-In(2)
129	1579.79	111.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w / oil specs (good oder)	0.07

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc.  
 PO Box 252  
 Great Bend KS .67530  
 ATTN: Jim Musgrove

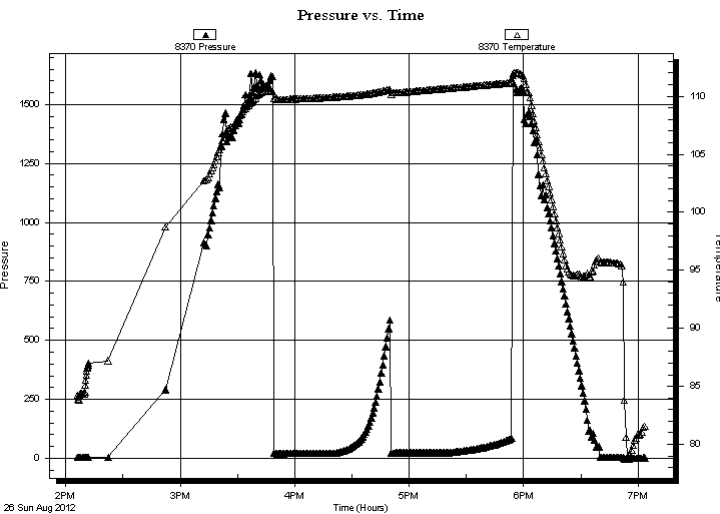
**27-25s-4w Reno,KS**  
**Bogner #1**  
 Job Ticket: 49602 **DST#: 1**  
 Test Start: 2012.08.26 @ 14:09:33

### GENERAL INFORMATION:

Formation: **Lans.**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 15:48:48 Tester: Gary Pevoteaux  
 Time Test Ended: 19:05:18 Unit No: 56  
 Interval: **3214.00 ft (KB) To 3244.00 ft (KB) (TVD)** Reference Elevations: 1535.00 ft (KB)  
 Total Depth: 3244.00 ft (KB) (TVD) 1528.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

**Serial #: 8370 Outside**  
 Press @ Run Depth: psig @ 3215.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.26 End Date: 2012.08.26 Last Calib.: 2012.08.26  
 Start Time: 14:06:16 End Time: 19:03:40 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: Very weak blow . 1/4" or less.  
 IS: No blow.  
 FF: No blow.  
 FS: No blow.



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

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	Mud w / oil specs (good oder)	0.07

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Charter Energy Inc.  
PO Box 252  
Great Bend KS .67530  
ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
Job Ticket: 49602      **DST#: 1**  
Test Start: 2012.08.26 @ 14:09:33

**Tool Information**

Drill Pipe:	Length: 3218.00 ft	Diameter: 3.80 inches	Volume: 45.14 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	44000.00 lb
			<u>Total Volume: 45.14 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	36000.00 lb
Depth to Top Packer:	3214.00 ft			Final	36000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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C.O. Sub	1.00			3195.00	
Shut in tool	5.00			3200.00	
HMV	5.00			3205.00	
Packer	4.00			3209.00	20.00      Bottom Of Top Packer
Packer	5.00			3214.00	
Stubb	1.00			3215.00	
Recorder	0.00	8352	Inside	3215.00	
Recorder	0.00	8370	Outside	3215.00	
Perforations	24.00			3239.00	
Bullnose	5.00			3244.00	30.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>50.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Charter Energy Inc.  
PO Box 252  
Great Bend KS .67530  
ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
Job Ticket: 49602      **DST#: 1**  
Test Start: 2012.08.26 @ 14:09:33

## 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:	6300 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.56 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6300.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w / oil specs (good oder)	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

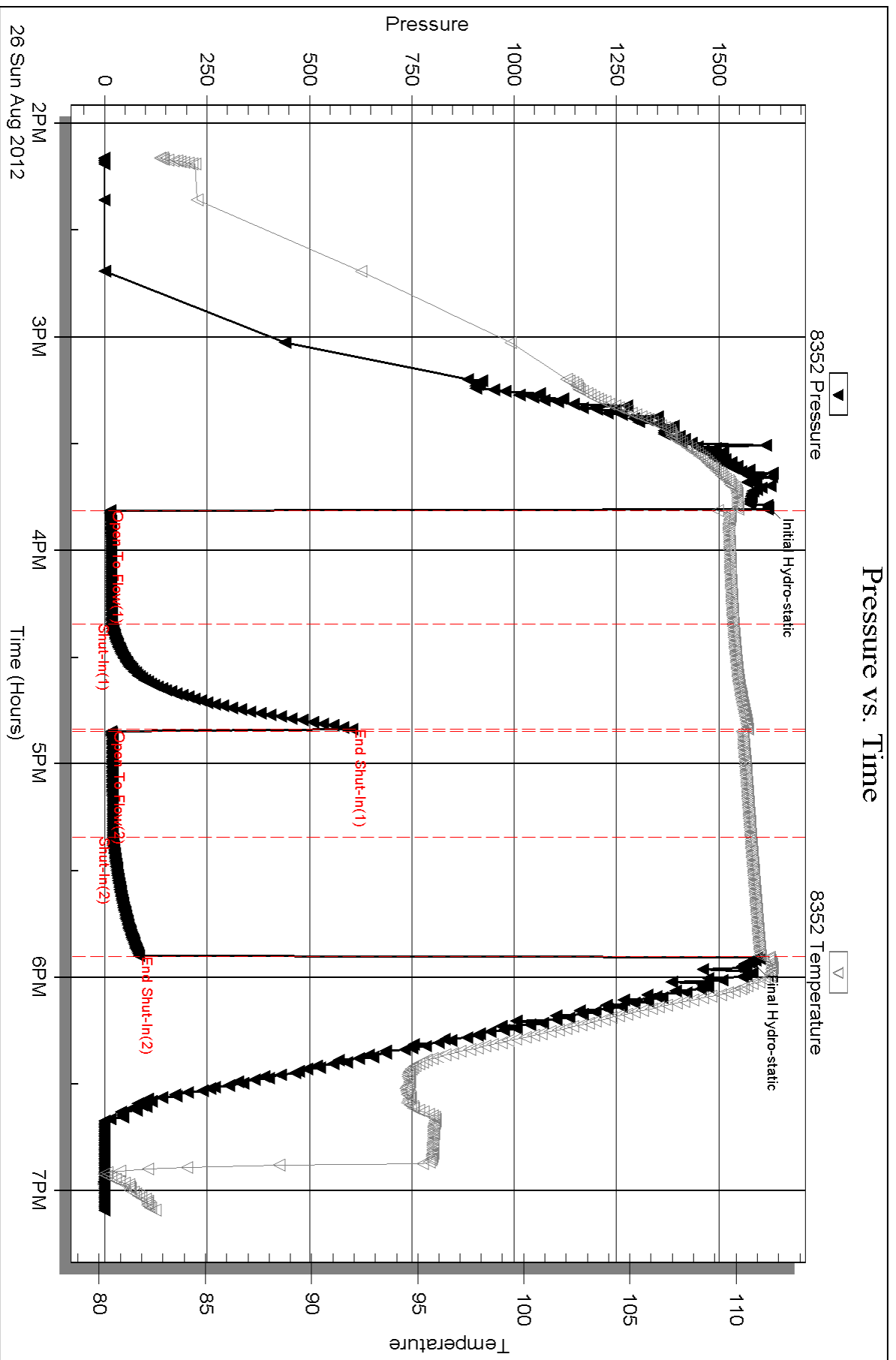
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none

Laboratory Name:      Laboratory Location:

Recovery Comments:



### Pressure vs. Time

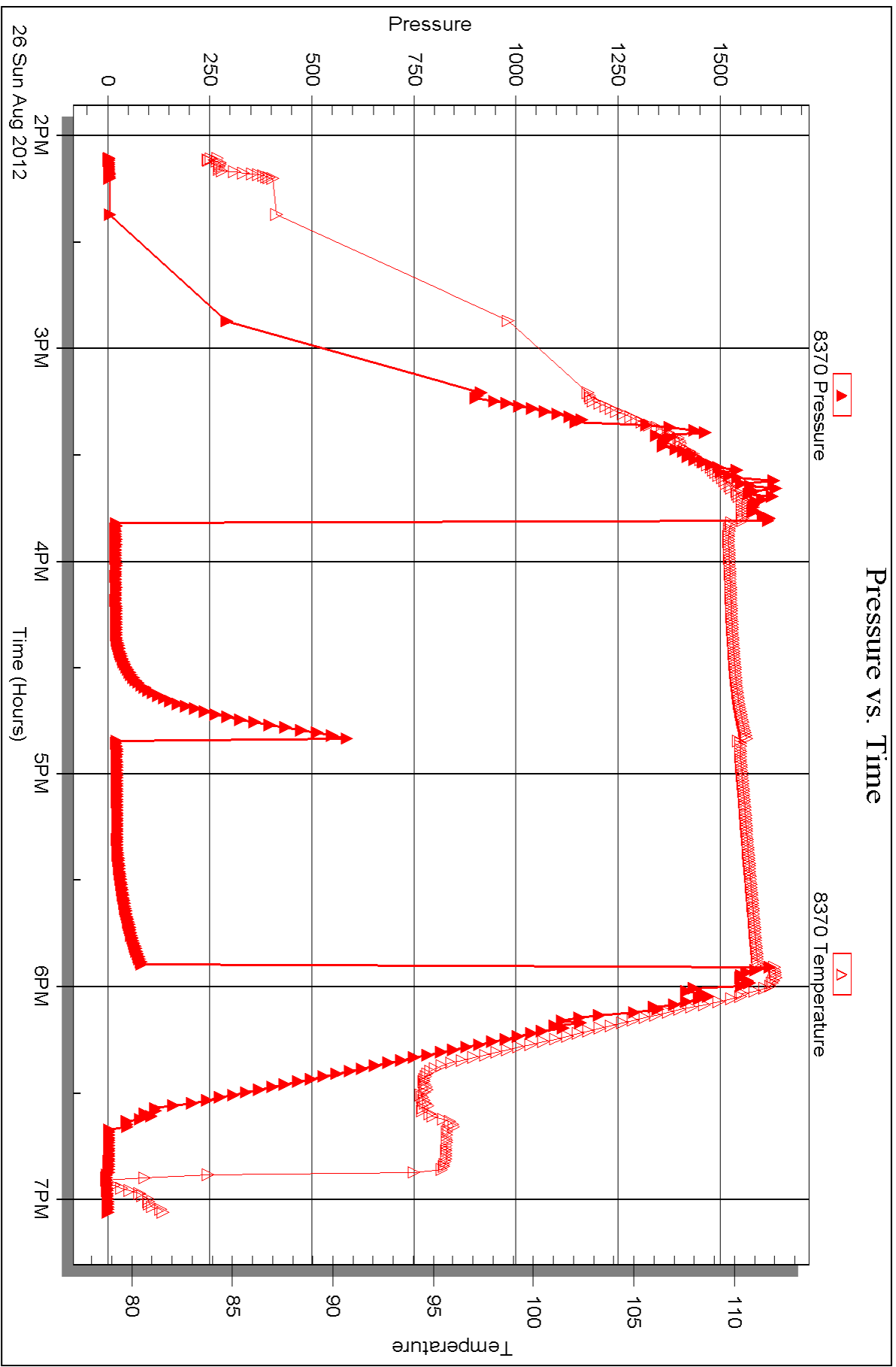


Serial #: 8370

Outside Charter Energy Inc.

Bogner #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252  
Great Bend KS .67530

ATTN: Jim Musgrove

### **Bogner #1**

#### **27-25s-4w Reno,KS**

Start Date: 2012.08.29 @ 13:53:46

End Date: 2012.08.29 @ 20:15:16

Job Ticket #: 49603                      DST #: 2

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

Printed: 2012.09.07 @ 13:10:30



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc.  
 PO Box 252  
 Great Bend KS .67530  
 ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
 Job Ticket: 49603 **DST#: 2**  
 Test Start: 2012.08.29 @ 13:53:46

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 15:26:01  
 Tester: Gary Pevoteaux  
 Time Test Ended: 20:15:16  
 Unit No: 56  
**Interval: 4080.00 ft (KB) To 4089.00 ft (KB) (TVD)**  
 Reference Elevations: 1535.00 ft (KB)  
 Total Depth: 4089.00 ft (KB) (TVD) 1528.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 KB to GR/CF: 7.00 ft

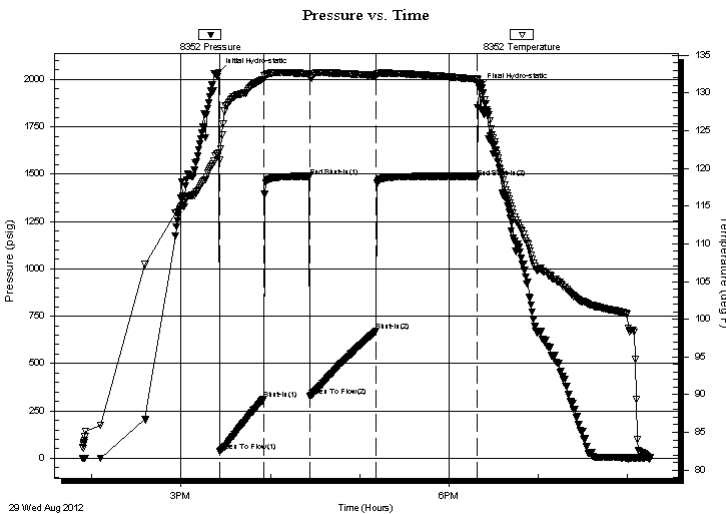
## Serial #: 8352

**Inside**

Press @ Run Depth: 671.61 psig @ 4081.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.29 End Date: 2012.08.29 Last Calib.: 2012.08.29  
 Start Time: 13:53:51 End Time: 20:15:15 Time On Btm: 2012.08.29 @ 15:25:16  
 Time Off Btm: 2012.08.29 @ 18:20:31

**TEST COMMENT:** IF: Strong blow . B.O.B. in 5 mins.  
 IS: Weak to fair blow . Increase to 7".  
 FF: Strong blow . B.O.B. in 5 mins.  
 FS: Weak to fair blow . Increase to 6".

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.53	122.05	Initial Hydro-static
1	35.48	121.10	Open To Flow (1)
31	313.31	131.83	Shut-In(1)
61	1488.66	132.52	End Shut-In(1)
62	327.23	132.07	Open To Flow (2)
106	671.61	132.32	Shut-In(2)
174	1483.58	131.85	End Shut-In(2)
176	1957.83	131.20	Final Hydro-static

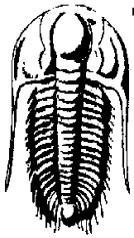
## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1010 ft.of GIP	0.00
35.00	CGO 8%g 92%o	0.49
155.00	GOCWM 19%g 6%o 37%w 38%m	2.17
1280.00	GCW 3%g 97%w / Rw .11ohms @93deg	17.96

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Charter Energy Inc.  
 PO Box 252  
 Great Bend KS .67530  
 ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
 Job Ticket: 49603 **DST#: 2**  
 Test Start: 2012.08.29 @ 13:53:46

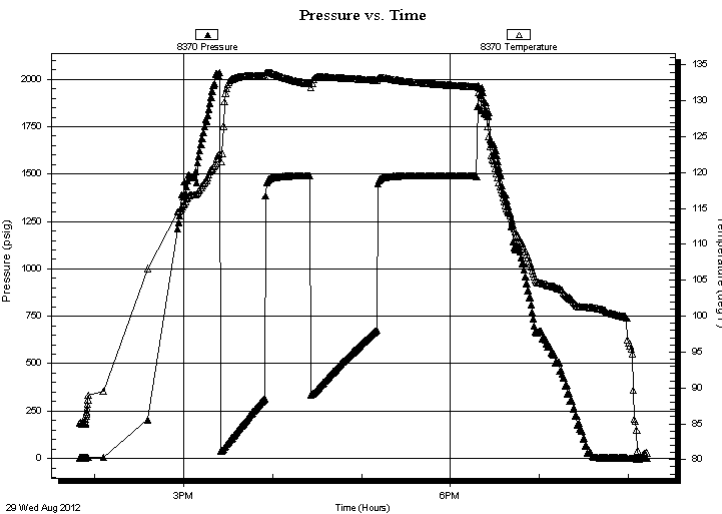
## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 15:26:01 Tester: Gary Pevoteaux  
 Time Test Ended: 20:15:16 Unit No: 56  
 Interval: **4080.00 ft (KB) To 4089.00 ft (KB) (TVD)** Reference Elevations: 1535.00 ft (KB)  
 Total Depth: 4089.00 ft (KB) (TVD) 1528.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

## Serial #: 8370 Outside

Press @ Run Depth: psig @ 4081.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.29 End Date: 2012.08.29 Last Calib.: 2012.08.29  
 Start Time: 13:49:40 End Time: 20:12:34 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Strong blow . B.O.B. in 5 mins.  
 IS: Weak to fair blow . Increase to 7".  
 FF: Strong blow . B.O.B. in 5 mins.  
 FS: Weak to fair blow . Increase to 6".



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1010 ft.of GIP	0.00
35.00	CGO 8%g 92%o	0.49
155.00	GOCWM 19%g 6%o 37%w 38%m	2.17
1280.00	GCW 3%g 97%w / Rw .11ohms @93deg	17.96

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/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: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
Job Ticket: 49603      **DST#: 2**  
Test Start: 2012.08.29 @ 13:53:46

**Tool Information**

Drill Pipe:	Length: 4064.00 ft	Diameter: 3.80 inches	Volume: 57.01 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 51000.00 lb
			<u>Total Volume: 57.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	4080.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	29.00 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			4061.00	
Shut in tool	5.00			4066.00	
HMV	5.00			4071.00	
Packer	4.00			4075.00	20.00      Bottom Of Top Packer
Packer	5.00			4080.00	
Stubb	1.00			4081.00	
Recorder	0.00	8352	Inside	4081.00	
Recorder	0.00	8370	Outside	4081.00	
Perforations	3.00			4084.00	
Bullnose	5.00			4089.00	9.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>29.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Charter Energy Inc.  
PO Box 252  
Great Bend KS .67530  
ATTN: Jim Musgrove

**27-25s-4w Reno,KS**  
**Bogner #1**  
Job Ticket: 49603      **DST#: 2**  
Test Start: 2012.08.29 @ 13:53:46

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 40.6 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 53000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4100.00 ppm		
Filter Cake: 0.20 inches		

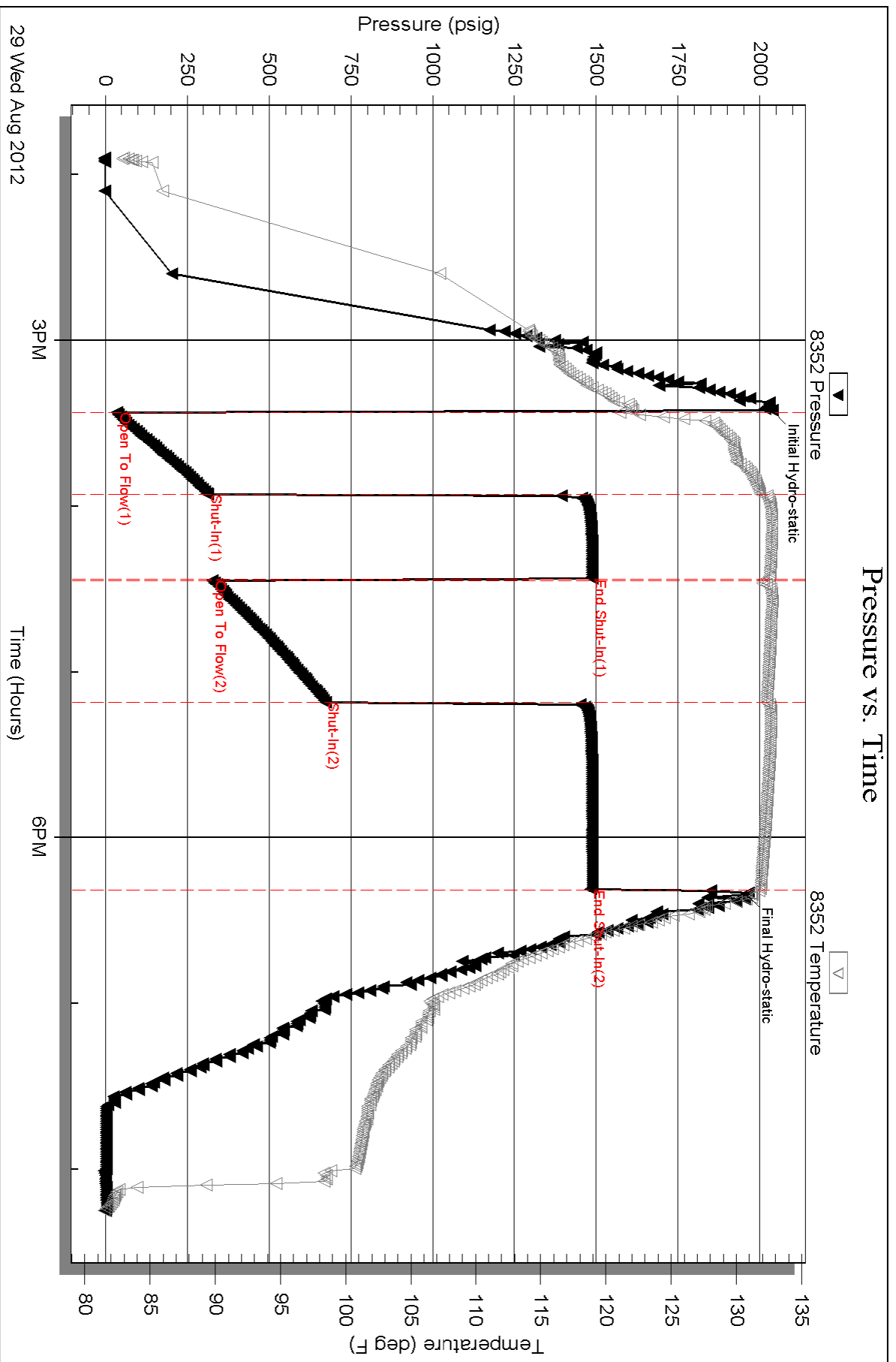
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1010 ft.of GIP	0.000
35.00	CGO 8%g 92%o	0.491
155.00	GOCWM 19%g 6%o 37%w 38%m	2.174
1280.00	GCW 3%g 97%w / Rw .11ohms @93deg	17.955

Total Length: 1470.00 ft      Total Volume: 20.620 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

# Pressure vs. Time









# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 49602

4/10

Well Name & No. BOGNER #1 Test No. 1 Date 8-26-12  
 Company CHARTER ENERGY INC. Elevation 1535 KB 1528 GL  
 Address P.O. Box 252, GREAT BEND KS. 67530  
 Co. Rep / Geo. JIM MUSCROVE Rig ROYAL DRILL #2  
 Location: Sec. 27 Twp. 25S Rge. 4W Co. RENO State KS

Interval Tested 3214 - 3244' Zone Tested LANS.  
 Anchor Length 30' Drill Pipe Run 3218' Mud Wt. 9.4  
 Top Packer Depth 3209' Drill Collars Run 0 Vis 59  
 Bottom Packer Depth 3214' Wt. Pipe Run 0 WL 11.6cc  
 Total Depth 3244' Chlorides 6300 ppm System LCM 0  
 Blow Description IF: Very weak blow. 1/4" or less. ISI: No blow

FF: No blow FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spec. (good odor)</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 5 Fluid BHT 111° Gravity N/A API RW N.C. @ — °F Chlorides 6300 ppm

(A) Initial Hydrostatic 1618  Test 1150 T-On Location 1326  
 (B) First Initial Flow 13  Jars — T-Started 1409  
 (C) First Final Flow 17  Safety Joint — T-Open 1548  
 (D) Initial Shut-In 604  Circ Sub — T-Pulled 1749  
 (E) Second Initial Flow 17  Hourly Standby — T-Out 1905  
 (F) Second Final Flow 20  Mileage 130 201.50 Comments —  
 (G) Final Shut-In 84  Sampler —  
 (H) Final Hydrostatic 1580  Straddle —  Ruined Shale Packer —  
 Shale Packer —  Ruined Packer —  
 Extra Packer —  Extra Copies —  
 Extra Recorder — Sub Total 0  
 Day Standby — Total 1351.50  
 Accessibility — MP/DST Disc't —  
 Sub Total 1351.50

Approved By \_\_\_\_\_ Our Representative Gray D. [Signature]

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. 49603

4/10

Well Name & No. BOGNER #1 Test No. 2 Date 8-29-12  
 Company CHARTER ENERGY INC. Elevation 1535 KB 1528 GL  
 Address P.O. Box 252, GREAT BEND KS. 67530  
 Co. Rep / Geo. JIM MUSGROVE Rig ROYAL DRILL #2  
 Location: Sec. 27 Twp. 25S Rge. 4W Co. RENO State KS

Interval Tested 4080 - 4089' Zone Tested VIOLA  
 Anchor Length 9' Drill Pipe Run 4064' Mud Wt. 9.5  
 Top Packer Depth 4075' Drill Collars Run 0 Vis 53  
 Bottom Packer Depth 4080' Wt. Pipe Run 0 WL 8.8 cc  
 Total Depth 4089' Chlorides 4100 ppm System LCM 1#

Blow Description IF: Strong blow. B.O.B. in 5 mins. ISI: Weak to fair blow Increase to 7".  
FF: Strong blow. B.O.B. in 5 mins. FSI: Weak to fair blow Increase to 6".

Rec	Feet of	%gas	%oil	%water	%mud
1010	Gas in pipe				
35	CGO	8	92		
155	GOC <del>W</del> M	19	6	37	38
1280	GCW	3		97	

Rec Total 1470 Fluid BHT 132° Gravity 40.6 API RW .11 @ 93° F Chlorides 53000 ppm

(A) Initial Hydrostatic 2038  Test 1250 T-On Location 1337  
 (B) First Initial Flow 35  Jars T-Started 1353  
 (C) First Final Flow 313  Safety Joint T-Open 1526  
 (D) Initial Shut-In 1487  Circ Sub T-Pulled 1815  
 (E) Second Initial Flow 327  Hourly Standby T-Out 2015  
 (F) Second Final Flow 672  Mileage (130) 201.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 1484  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1958  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 1416.67  
 Day Standby 1d 42.5hrs Total 2868.17  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1451.50

Approved By \_\_\_\_\_ Our Representative Cary P. ...  
 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.

# 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. 5033

Date	8-30-12	Sec.	27	Twp.	25	Range	4	County	Reno	State	Ks	On Location		Finish	10:15pm
Lease	Boones			Well No.	1		Location Haven, Ks - 45, 1 1/2 E, N/INTS								
Contractor	Royal #2				Owner										
Type Job	Plug				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.										
Hole Size	7 7/8"		T.D.		4192'										
Csg.			Depth		Charge To Charter Energy										
Tbg. Size	4 1/2" D.P.		Depth		700'										
Tool			Depth		Street										
Cement Left in Csg.			Shoe Joint		City										
Meas Line			Displace		State										
											The above was done to satisfaction and supervision of owner agent or contractor.				
											Cement Amount Ordered 150 sy 60/40 40/60 4 1/2				
<b>EQUIPMENT</b>											Flo-seal				
Pumptrk	16	No.	Cementer	Travis											
			Helper												
Bulktrk	13	No.	Driver	BOY											
			Driver												
Bulktrk	p.u.	No.	Driver	Rick											
			Driver												
<b>JOB SERVICES &amp; REMARKS</b>											Calcium				
Remarks:	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														
700' - 35 SX	Sand														
350' - 35 SX	Handling														
200' - 35 SX	Mileage														
60' - 25 SX															
Rathole - 20 SX															
											<b>FLOAT EQUIPMENT</b>				
											Guide Shoe				
											Centralizer				
											Baskets				
											AFU Inserts				
											Float Shoe				
											Latch Down				
											Pumptrk Charge				
											Mileage				
											Tax				
											Discount				
											Total Charge				
X Signature															

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 950

Cell 785-324-1041

Date	8-22-12	Sec.	27	Twp.	25	Range	4	County	RENO	State	KS	On Location		Finish	11:00am
Lease	Bogner		Well No.	1		Location Haven, KS - 45 on Haven Rd, 1/2 E									
Contractor	Royal #2					Owner N/H/Info									
Type Job	Surface					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.									
Hole Size	12 1/4"		T.D.	145'		Charge To Charter Energy									
Csg.	8 3/8"		Depth	145'		Street									
Tbg. Size			Depth			City									
Tool			Depth			State									
Cement Left in Csg.	15'		Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	8 1/4 BLS		Cement Amount Ordered 100 sx Common 3%cc									

**EQUIPMENT**

Pumptrk	9	No.	Cementer	Marth		2% Gel
			Helper			Common
Bulktrk	14	No.	Driver	Coody		Poz. Mix
			Driver			
Bulktrk	p.v.	No.	Driver	Rick		Gel.
			Driver			

**JOB SERVICES & REMARKS**

Remarks:	Cement did not Circulate.	Calcium
Rat Hole		Hulls
Mouse Hole		Salt
Centralizers		Flowseal
Baskets		Kol-Seal
D/V or Port Collar		Mud CLR 48
		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 Doug Breding

