



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: _____



1114762

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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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DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Ottley #2

33-13s-29w Gove,KS

Start Date: 2012.08.06 @ 16:19:07

End Date: 2012.08.06 @ 21:53:52

Job Ticket #: 48404 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.13 @ 15:11:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

33-13s-29w Gove, KS
Ottley #2
 Job Ticket: 48404 **DST#: 1**
 Test Start: 2012.08.06 @ 16:19:07

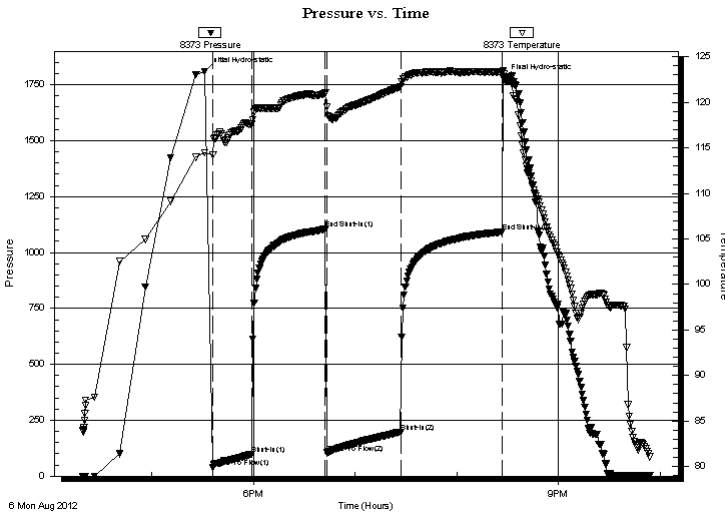
GENERAL INFORMATION:

Formation: **Lansing A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:36:07
 Time Test Ended: 21:53:52
Interval: 3753.00 ft (KB) To 3815.00 ft (KB) (TVD)
 Total Depth: 3815.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2699.00 ft (KB)
 2693.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 197.72 psig @ 3754.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
 Start Time: 16:19:12 End Time: 21:53:51 Time On Btm: 2012.08.06 @ 17:31:07
 Time Off Btm: 2012.08.06 @ 20:27:37

TEST COMMENT: IF: BOB in 17 min.
 IS: No return.
 FF: BOB in 23 min.
 FS: No return.

PRESSURE SUMMARY



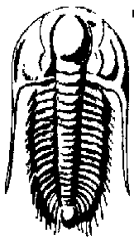
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.29	114.49	Initial Hydro-static
5	40.94	114.23	Open To Flow (1)
28	98.48	117.59	Shut-In(1)
72	1105.11	121.00	End Shut-In(1)
72	104.45	119.48	Open To Flow (2)
116	197.72	121.70	Shut-In(2)
176	1092.35	123.36	End Shut-In(2)
177	1776.03	123.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 80%w 20%m	1.74
124.00	mw 50%w 50%m	1.74
155.00	mcw oil spots 40%w 60%m	2.17

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: Kurt Talbott

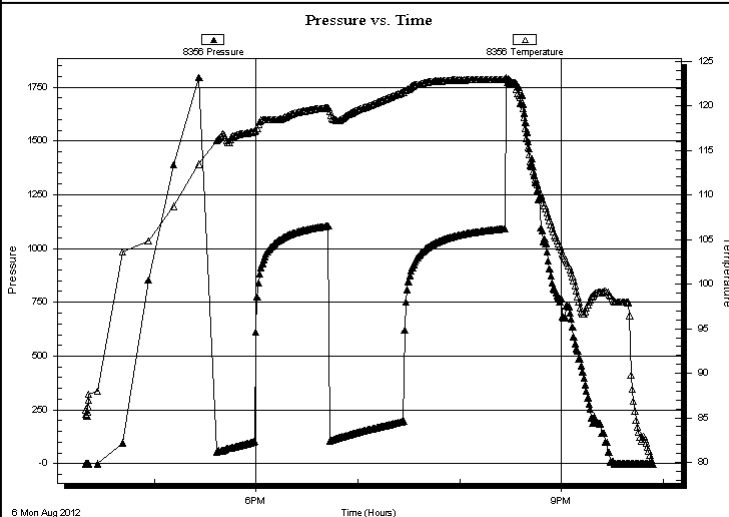
33-13s-29w Gove, KS
Ottley #2
Job Ticket: 48404 **DST#: 1**
Test Start: 2012.08.06 @ 16:19:07

GENERAL INFORMATION:

Formation: **Lansing A**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 17:36:07 Tester: Brandon Turley
Time Test Ended: 21:53:52 Unit No: 60
Interval: **3753.00 ft (KB) To 3815.00 ft (KB) (TVD)** Reference Elevations: 2699.00 ft (KB)
Total Depth: 3815.00 ft (KB) (TVD) 2693.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8356 Outside
Press @ RunDepth: psig @ 3754.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
Start Time: 16:19:24 End Time: 21:54:03 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 17 min.
IS: No return.
FF: BOB in 23 min.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 80%w 20%m	1.74
124.00	mw 50%w 50%m	1.74
155.00	mcw oil spots 40%w 60%m	2.17

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: Kurt Talbott

33-13s-29w Gove, KS
Ottley #2
Job Ticket: 48404 **DST#: 1**
Test Start: 2012.08.06 @ 16:19:07

Tool Information

Drill Pipe:	Length: 3763.00 ft	Diameter: 3.80 inches	Volume: 52.78 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 52.78 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3753.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 ft				
Tool Length:	82.00 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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Stubb	1.00			3734.00	
Shut In Tool	5.00			3739.00	
Hydraulic tool	5.00			3744.00	
Packer	5.00			3749.00	20.00 Bottom Of Top Packer
Packer	4.00			3753.00	
Stubb	1.00			3754.00	
Recorder	0.00	8373	Inside	3754.00	
Recorder	0.00	8356	Outside	3754.00	
Perforations	23.00			3777.00	
Change Over Sub	1.00			3778.00	
Drill Pipe	31.00			3809.00	
Change Over Sub	1.00			3810.00	
Bullnose	5.00			3815.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

33-13s-29w Gove,KS
Ottley #2
Job Ticket: 48404 **DST#: 1**
Test Start: 2012.08.06 @ 16:19:07

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 50000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: 1.00 inches		

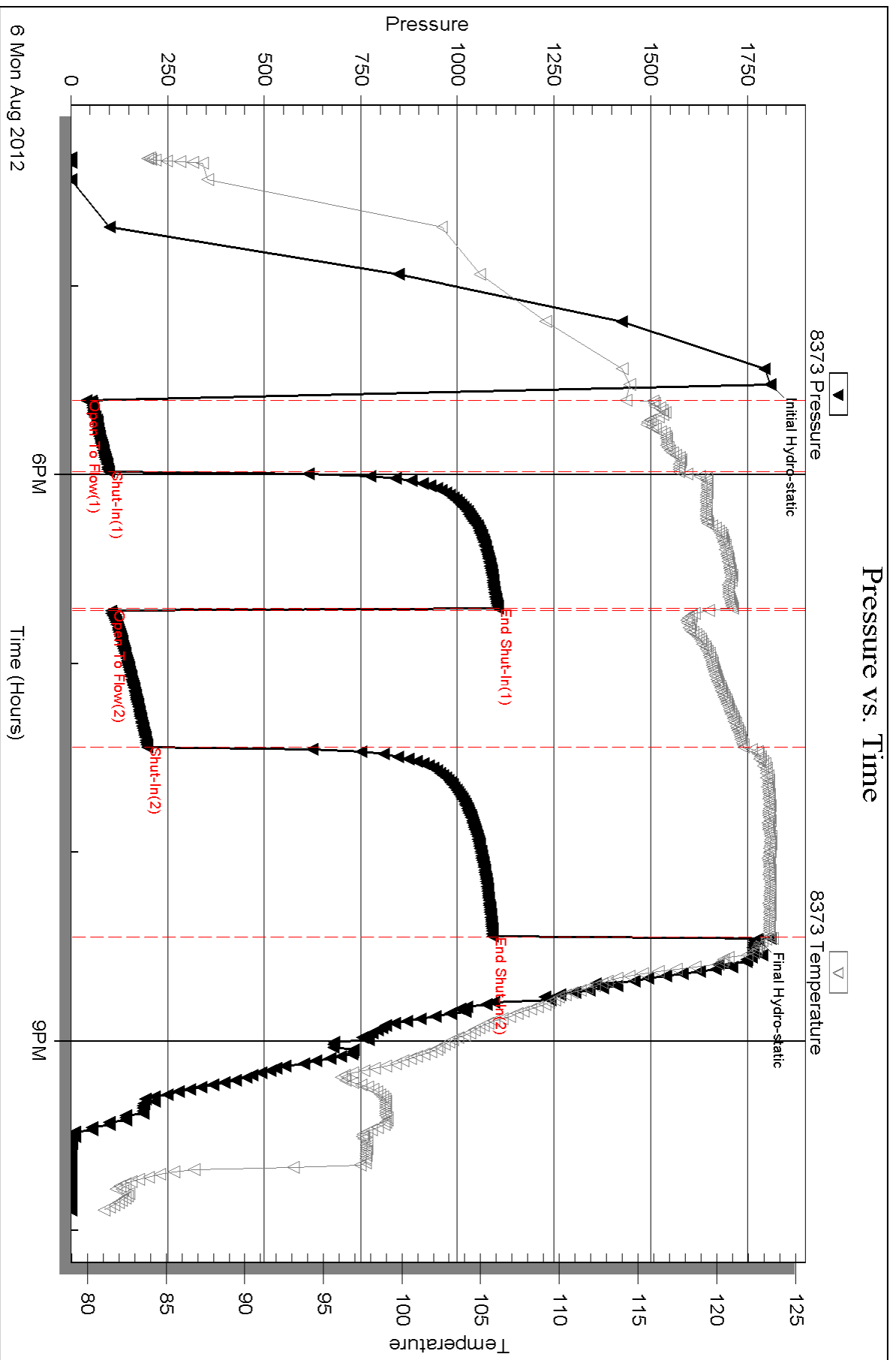
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 80%w 20%m	1.739
124.00	mw 50%w 50%m	1.739
155.00	mcw oil spots 40%w 60%m	2.174

Total Length: 403.00 ft Total Volume: 5.652 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .11@93=50000

Pressure vs. Time

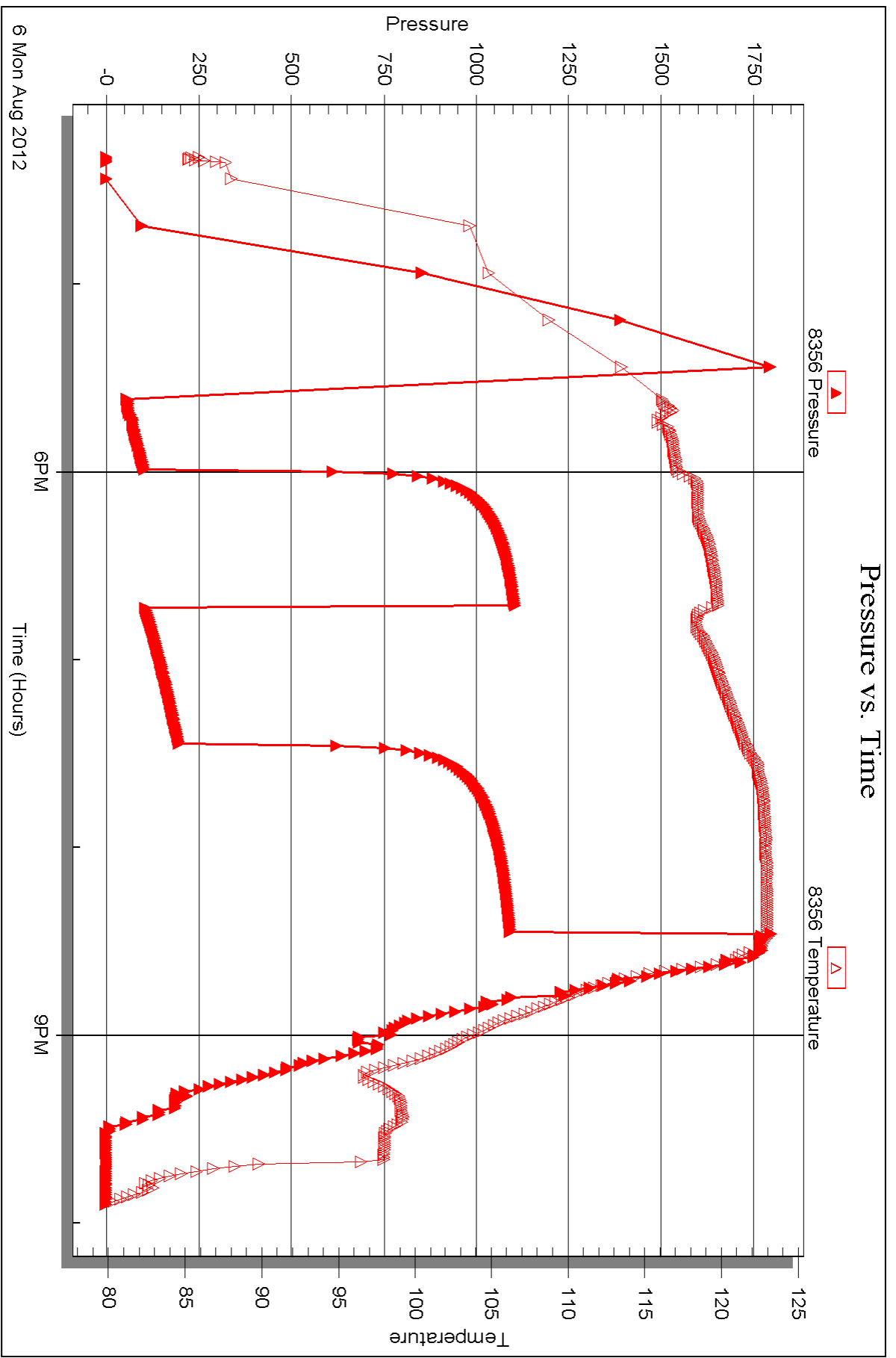


Serial #: 8356

Outside Charter Energy Inc

Oilley #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48404

Printed: 2012.08.13 @ 15:11:43



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Ottley #2

33-13s-29w Gove,KS

Start Date: 2012.08.07 @ 19:19:17

End Date: 2012.08.08 @ 01:47:17

Job Ticket #: 48405 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.13 @ 15:09:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

33-13s-29w Gove, KS
Ottley #2
 Job Ticket: 48405 **DST#: 2**
 Test Start: 2012.08.07 @ 19:19:17

GENERAL INFORMATION:

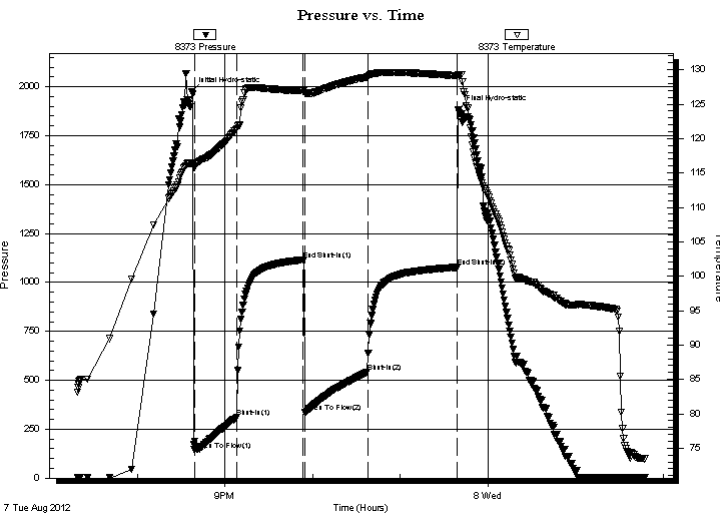
Formation: **Lansing H-I-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:39:02 Tester: Brandon Turley
 Time Test Ended: 01:47:17 Unit No: 60
 Interval: **3945.00 ft (KB) To 4020.00 ft (KB) (TVD)** Reference Elevations: 2699.00 ft (KB)
 Total Depth: 4020.00 ft (KB) (TVD) 2693.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8373

Inside

Press @ Run Depth: 543.44 psig @ 3946.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.07 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 19:19:22 End Time: 01:47:16 Time On Btm: 2012.08.07 @ 20:37:17
 Time Off Btm: 2012.08.07 @ 23:39:47

TEST COMMENT: IF: BOB in 2 min.
 IS: No return.
 FF: BOB in 4 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.02	116.38	Initial Hydro-static
2	144.84	115.73	Open To Flow (1)
31	311.03	121.46	Shut-In(1)
77	1115.83	126.94	End Shut-In(1)
78	336.17	126.61	Open To Flow (2)
121	543.44	128.96	Shut-In(2)
182	1077.05	129.12	End Shut-In(2)
183	1884.20	129.32	Final Hydro-static

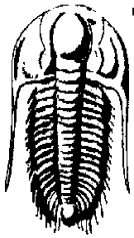
Recovery

Length (ft)	Description	Volume (bbl)
372.00	ocmw 10%o 70%w 20%m	5.22
186.00	gocmw 30%g 20%o 35%w 15%m	2.61
434.00	gocw m 20%g 20%o 20%w 40%m	6.09
248.00	gocw m 15%g 30%o 5%w 50%m	3.48

* 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: Kurt Talbott

33-13s-29w Gove,KS
Ottley #2
 Job Ticket: 48405 **DST#: 2**
 Test Start: 2012.08.07 @ 19:19:17

GENERAL INFORMATION:

Formation: **Lansing H-I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:39:02
 Time Test Ended: 01:47:17
 Interval: **3945.00 ft (KB) To 4020.00 ft (KB) (TVD)**
 Total Depth: 4020.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2699.00 ft (KB)
 2693.00 ft (CF)
 KB to GR/CF: 6.00 ft

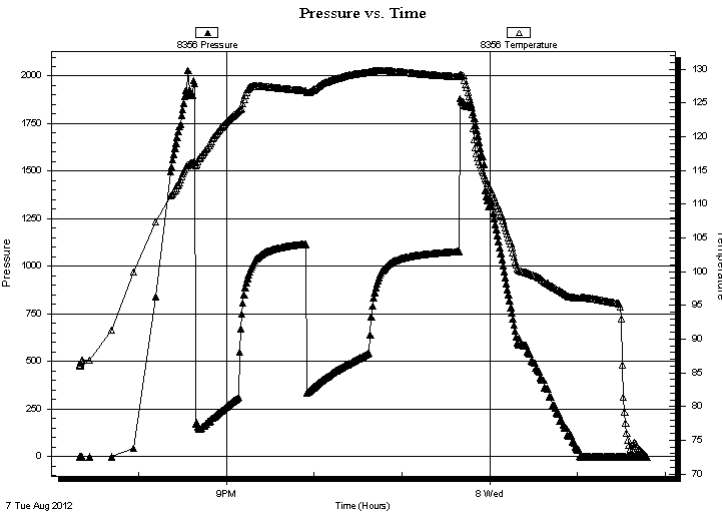
Serial #: 8356

Outside

Press @ Run Depth: psig @ 3946.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.07 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 19:19:33 End Time: 01:47:27 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 2 min.
 IS: No return.
 FF: BOB in 4 min.
 FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
372.00	ocmw 10%o 70%w 20%m	5.22
186.00	gocmw 30%g 20%o 35%w 15%m	2.61
434.00	gocw m 20%g 20%o 20%w 40%m	6.09
248.00	gocw m 15%g 30%o 5%w 50%m	3.48

* Recovery from multiple tests

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: Kurt Talbott

33-13s-29w Gove,KS
Ottley #2
Job Ticket: 48405 **DST#: 2**
Test Start: 2012.08.07 @ 19:19:17

Tool Information

Drill Pipe:	Length: 3951.00 ft	Diameter: 3.80 inches	Volume: 55.42 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 55.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3945.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	75.00 ft				
Tool Length:	95.00 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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Stubb	1.00			3926.00	
Shut In Tool	5.00			3931.00	
Hydraulic tool	5.00			3936.00	
Packer	5.00			3941.00	20.00 Bottom Of Top Packer
Packer	4.00			3945.00	
Stubb	1.00			3946.00	
Recorder	0.00	8373	Inside	3946.00	
Recorder	0.00	8356	Outside	3946.00	
Perforations	5.00			3951.00	
Change Over Sub	1.00			3952.00	
Drill Pipe	62.00			4014.00	
Change Over Sub	1.00			4015.00	
Bullnose	5.00			4020.00	75.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

33-13s-29w Gove,KS
Ottley #2
Job Ticket: 48405 **DST#: 2**
Test Start: 2012.08.07 @ 19:19:17

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 55000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2200.00 ppm		
Filter Cake: 1.00 inches		

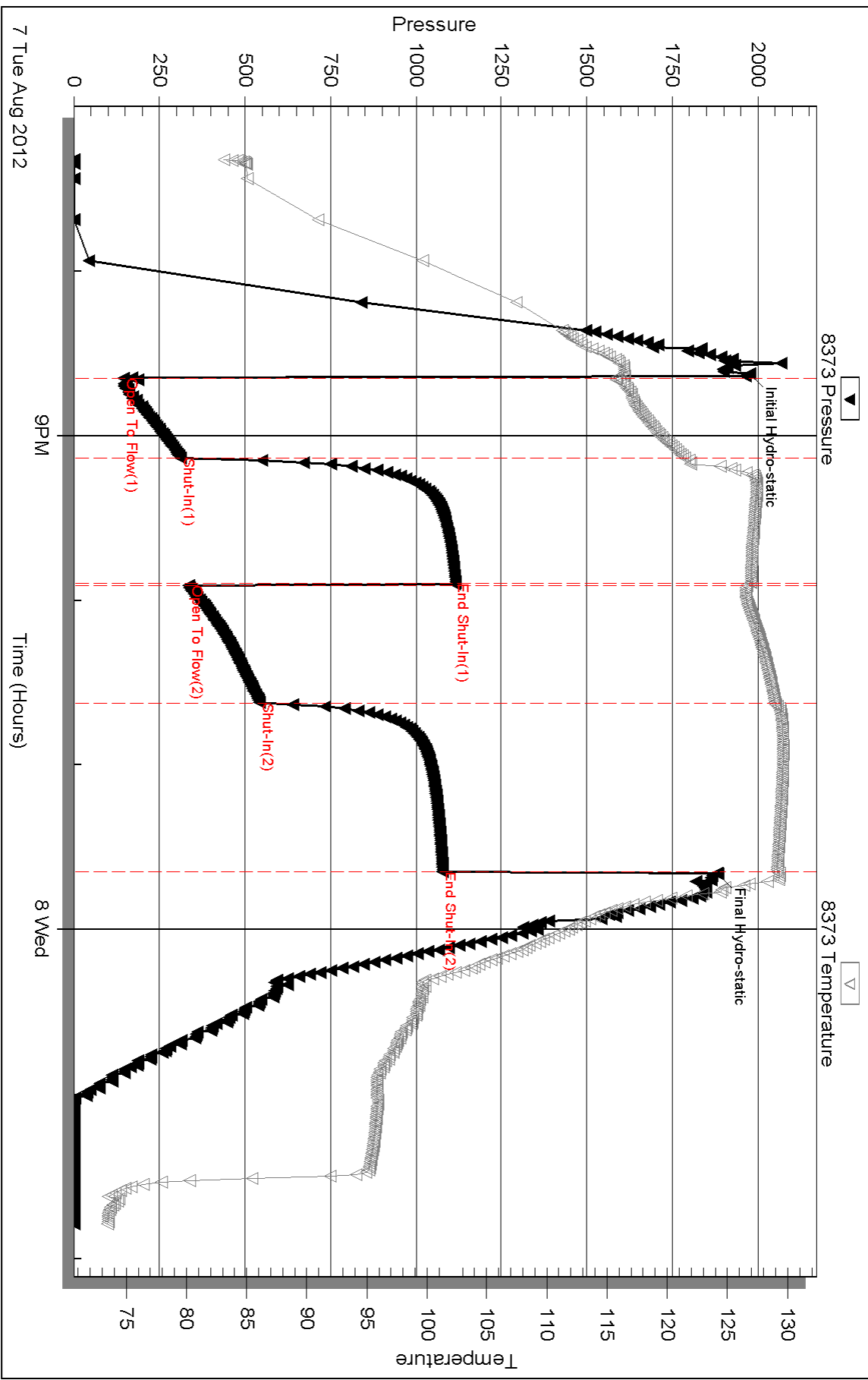
Recovery Information

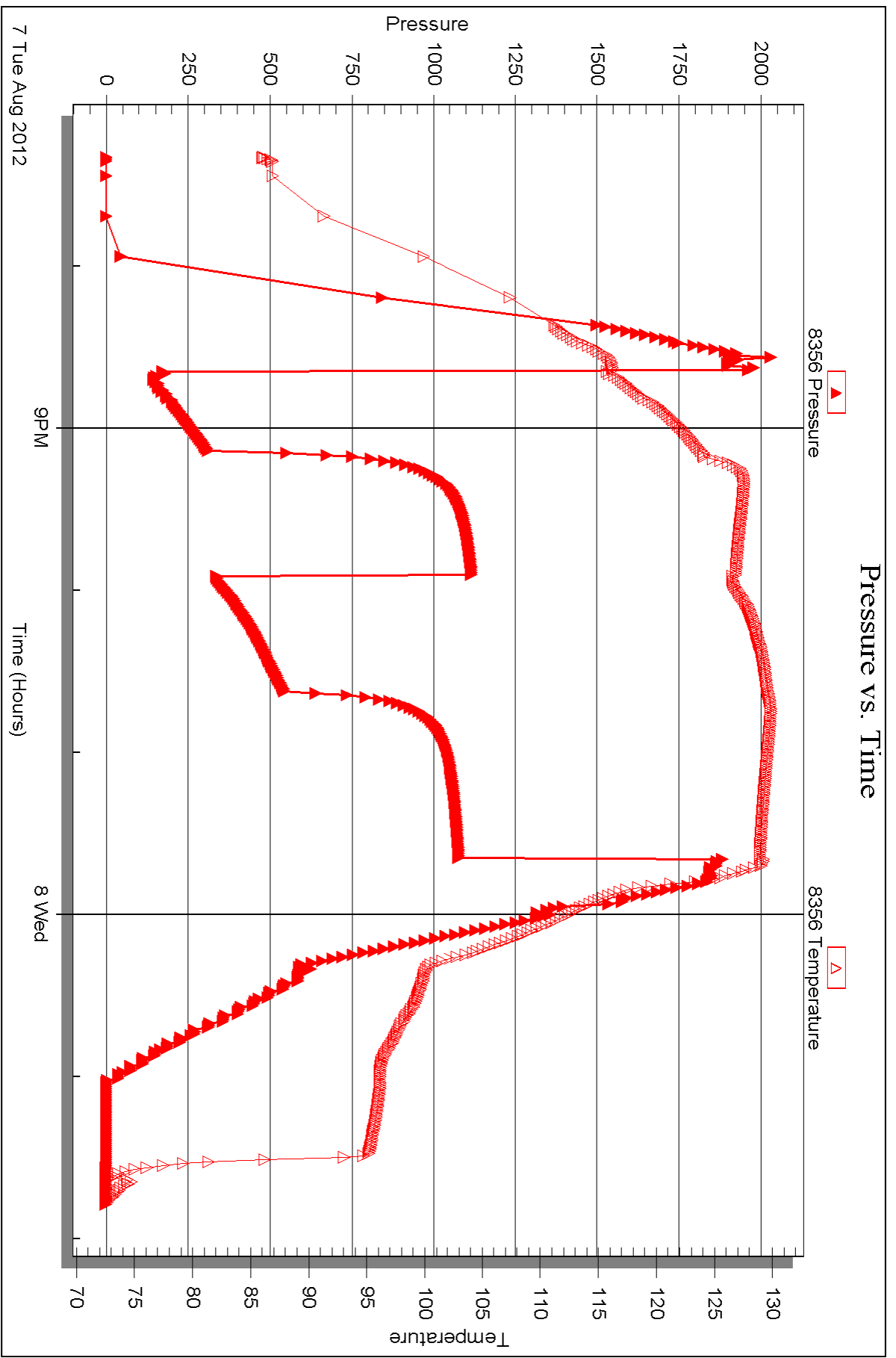
Recovery Table

Length ft	Description	Volume bbl
372.00	ocmw 10%o 70%w 20%m	5.218
186.00	gocmw 30%g 20%o 35%w 15%m	2.609
434.00	gocw m 20%g 20%o 20%w 40%m	6.088
248.00	gocw m 15%g 30%o 5%w 50%m	3.479

Total Length: 1240.00 ft Total Volume: 17.394 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .13@76=55000

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Ottley #2

33-13s-29w Gove,KS

Start Date: 2012.08.08 @ 13:47:25

End Date: 2012.08.08 @ 19:51:25

Job Ticket #: 48406 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.13 @ 15:08:15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

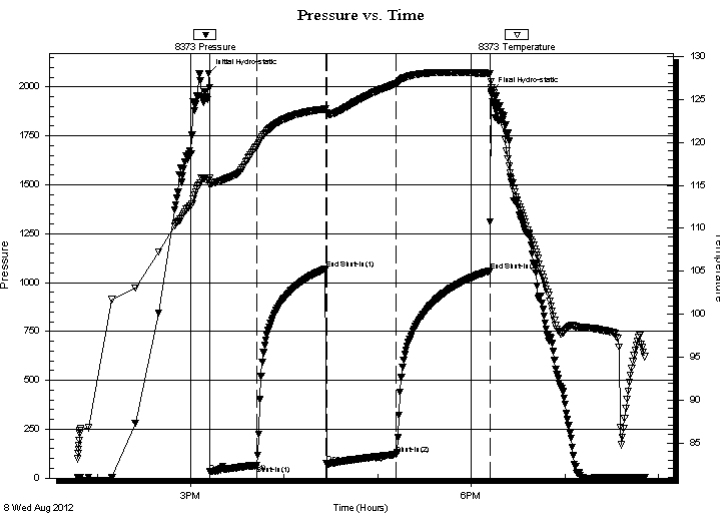
33-13s-29w Gove, KS
Ottley #2
 Job Ticket: 48406 **DST#: 3**
 Test Start: 2012.08.08 @ 13:47:25

GENERAL INFORMATION:

Formation: **Lansing KL**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 15:12:25
 Tester: Brandon Turley
 Time Test Ended: 19:51:25
 Unit No: 60
Interval: 4020.00 ft (KB) To 4095.00 ft (KB) (TVD)
 Reference Elevations: 2699.00 ft (KB)
 Total Depth: 4095.00 ft (KB) (TVD)
 2693.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 6.00 ft

Serial #: 8373 Inside
 Press @ Run Depth: 121.52 psig @ 4021.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08
 Start Time: 13:47:30 End Time: 19:51:24 Time On Btm: 2012.08.08 @ 15:11:25
 Time Off Btm: 2012.08.08 @ 18:12:40

TEST COMMENT: IF: BOB in 5 min.
 IS: No return.
 FF: BOB in 13 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.96	115.65	Initial Hydro-static
1	31.80	115.08	Open To Flow (1)
31	66.81	119.48	Shut-In(1)
76	1071.57	123.89	End Shut-In(1)
76	73.20	123.41	Open To Flow (2)
121	121.52	126.86	Shut-In(2)
181	1059.91	128.04	End Shut-In(2)
182	1974.66	127.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 90%w 10%m	0.87
124.00	mw cgo 70%g 20%o 5%w 5%m	1.74
31.00	gocm 5%g 10%o 85%m	0.43
31.00	go 10%g 90%o	0.43
0.00	496 GIP	0.00

* 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: Kurt Talbott

33-13s-29w Gove,KS
Ottley #2
Job Ticket: 48406 **DST#: 3**
Test Start: 2012.08.08 @ 13:47:25

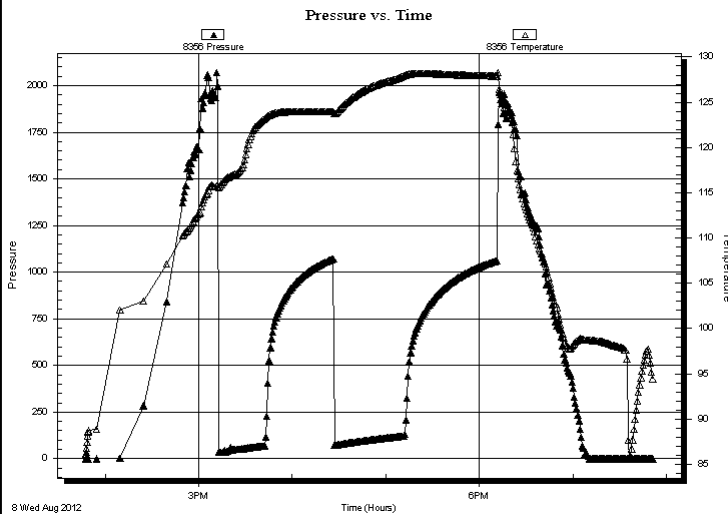
GENERAL INFORMATION:

Formation: **Lansing KL**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:12:25
Time Test Ended: 19:51:25
Interval: **4020.00 ft (KB) To 4095.00 ft (KB) (TVD)**
Total Depth: 4095.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60
Reference Elevations: 2699.00 ft (KB)
2693.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8356 Outside

Press @ Run Depth: psig @ 4021.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08
Start Time: 13:47:30 End Time: 19:51:24 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 5 min.
IS: No return.
FF: BOB in 13 min.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
62.00	mcw 90%w 10%m	0.87
124.00	mw cgo 70%g 20%o 5%w 5%m	1.74
31.00	gocm 5%g 10%o 85%m	0.43
31.00	go 10%g 90%o	0.43
0.00	496 GIP	0.00

* Recovery from multiple tests

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: Kurt Talbott

33-13s-29w Gove,KS
Ottley #2
Job Ticket: 48406 **DST#: 3**
Test Start: 2012.08.08 @ 13:47:25

Tool Information

Drill Pipe:	Length: 4014.00 ft	Diameter: 3.80 inches	Volume: 56.31 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 600000.0 lb
			<u>Total Volume: 56.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4020.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	95.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Stubb	1.00			4001.00	
Shut In Tool	5.00			4006.00	
Hydraulic tool	5.00			4011.00	
Packer	5.00			4016.00	20.00 Bottom Of Top Packer
Packer	4.00			4020.00	
Stubb	1.00			4021.00	
Recorder	0.00	8373	Inside	4021.00	
Recorder	0.00	8356	Outside	4021.00	
Perforations	5.00			4026.00	
Change Over Sub	1.00			4027.00	
Drill Pipe	62.00			4089.00	
Change Over Sub	1.00			4090.00	
Bullnose	5.00			4095.00	75.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

33-13s-29w Gove,KS

PO Box 252
Great Bend, KS 67530

Ottley #2

Job Ticket: 48406

DST#: 3

ATTN: Kurt Talbott

Test Start: 2012.08.08 @ 13:47:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mcw 90%w 10%m	0.870
124.00	mw cgo 70%g 20%o 5%w 5%m	1.739
31.00	gocm 5%g 10%o 85%m	0.435
31.00	go 10%g 90%o	0.435
0.00	496 GIP	0.000

Total Length: 248.00 ft Total Volume: 3.479 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

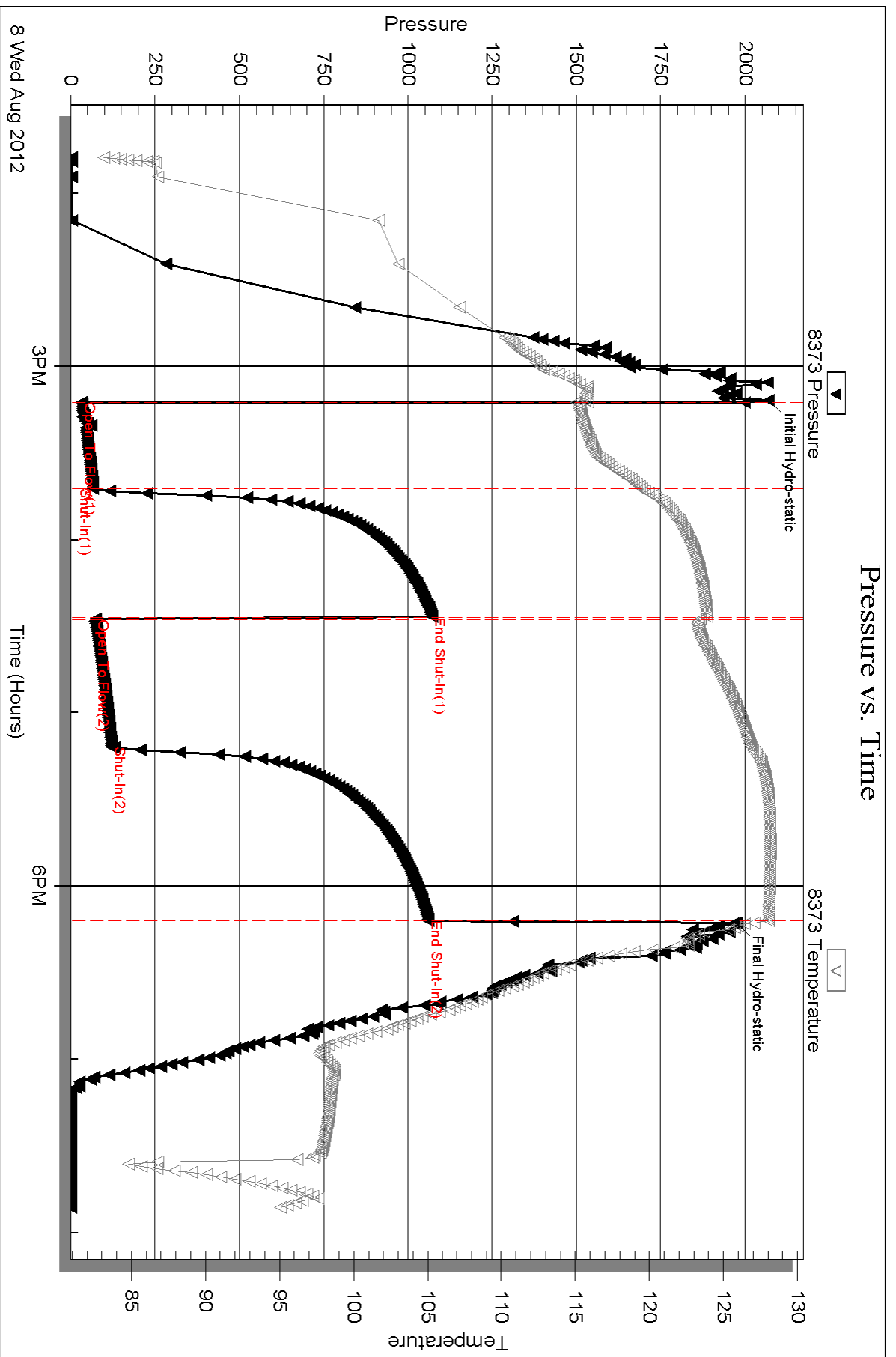
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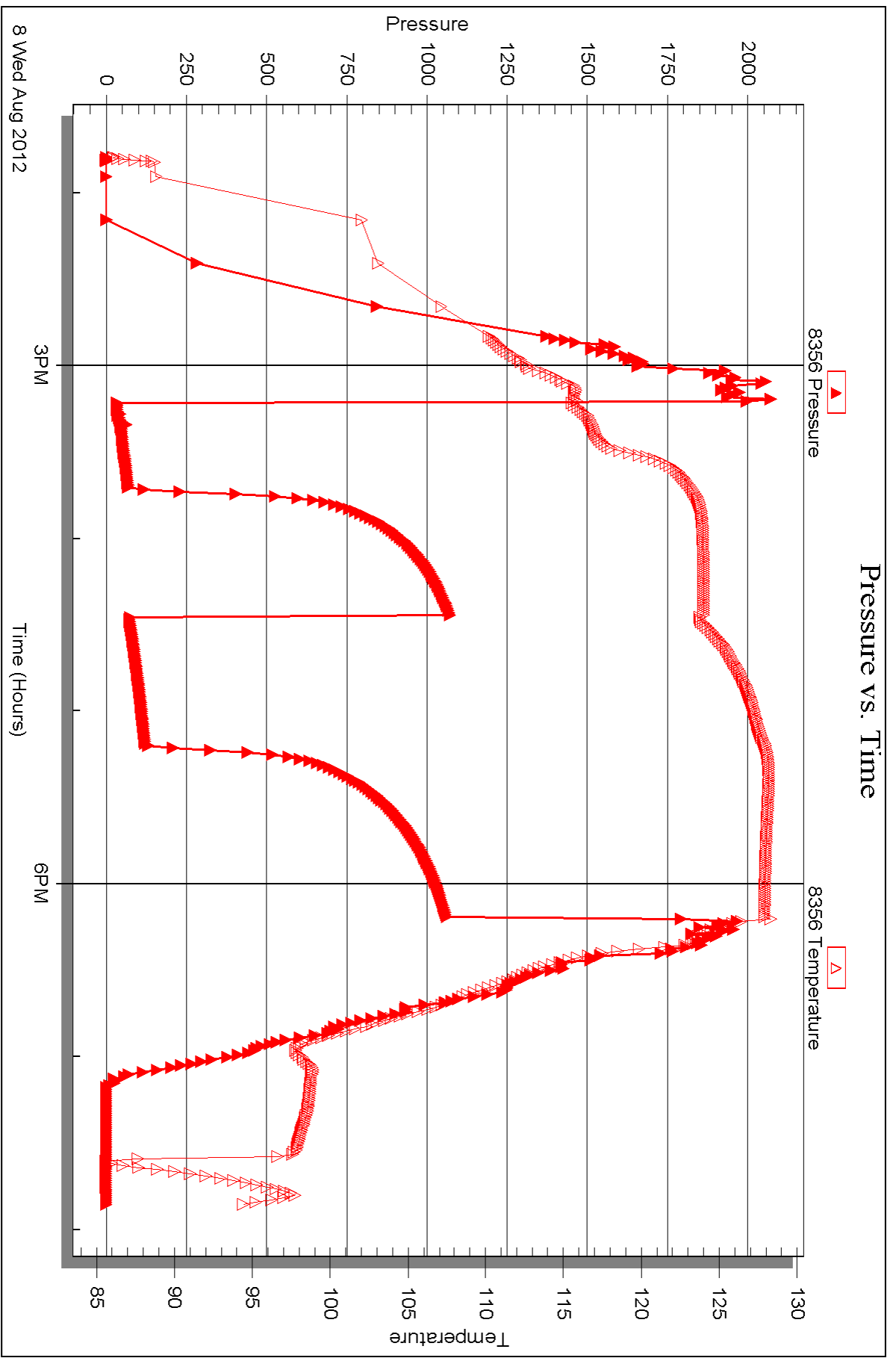
Laboratory Name:

Laboratory Location:

Recovery Comments: 37@100=33

.10@102=52000







DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Kurt Talbott

Ottley #2

33-13s-29w Gove,KS

Start Date: 2012.08.09 @ 19:34:23

End Date: 2012.08.10 @ 00:29:08

Job Ticket #: 48407 DST #: 4

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

Printed: 2012.08.13 @ 15:07:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

33-13s-29w Gove, KS
Ottley #2
 Job Ticket: 48407 **DST#: 4**
 Test Start: 2012.08.09 @ 19:34:23

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:05:53
 Time Test Ended: 00:29:08
 Interval: **4182.00 ft (KB) To 4296.00 ft (KB) (TVD)**
 Total Depth: 4296.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2699.00 ft (KB)
 2693.00 ft (CF)
 KB to GR/CF: 6.00 ft

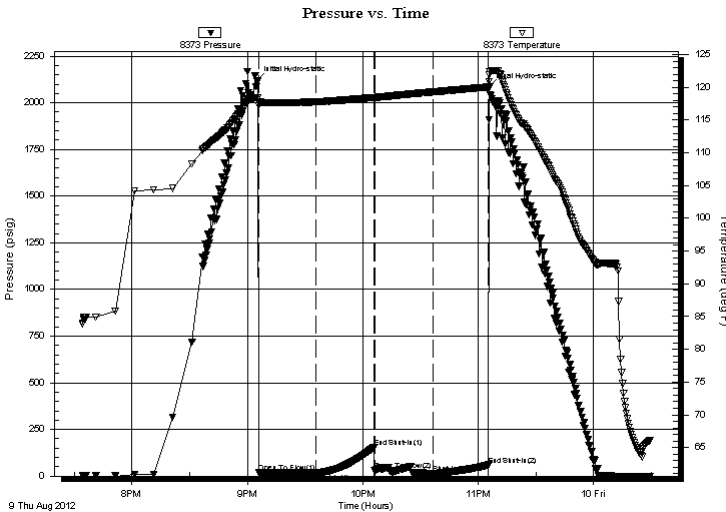
Serial #: 8373

Inside

Press @ Run Depth: 16.71 psig @ 4183.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.09 End Date: 2012.08.10 Last Calib.: 2012.08.10
 Start Time: 19:34:28 End Time: 00:29:07 Time On Btm: 2012.08.09 @ 21:04:53
 Time Off Btm: 2012.08.09 @ 23:05:53

TEST COMMENT: IF: 1/4" blow died in 10 min.
 IS: No return.
 FF: No blow.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2119.82	118.38	Initial Hydro-static
1	18.35	117.24	Open To Flow (1)
31	17.21	117.78	Shut-In(1)
61	152.24	118.46	End Shut-In(1)
62	28.66	118.40	Open To Flow (2)
92	16.71	119.30	Shut-In(2)
121	59.76	120.05	End Shut-In(2)
121	2084.29	121.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.07

* 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: Kurt Talbott

33-13s-29w Gove, KS
Ottley #2
 Job Ticket: 48407 **DST#: 4**
 Test Start: 2012.08.09 @ 19:34:23

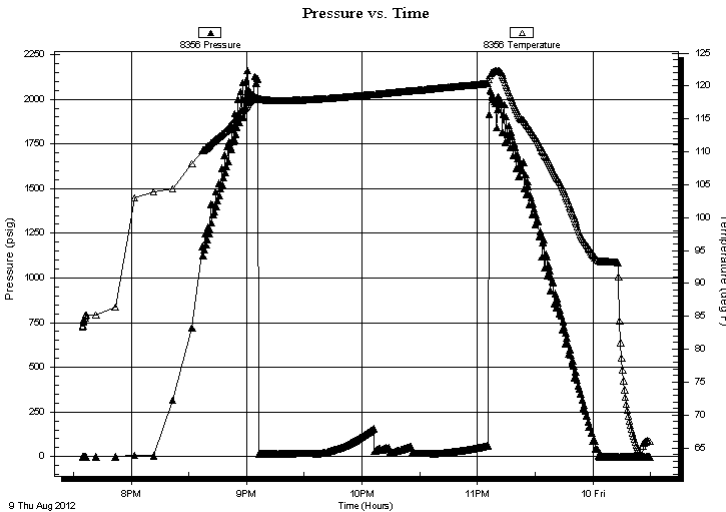
GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:05:53
 Time Test Ended: 00:29:08
 Interval: **4182.00 ft (KB) To 4296.00 ft (KB) (TVD)**
 Total Depth: 4296.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2699.00 ft (KB)
 2693.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8356 **Outside**
 Press @ Run Depth: psig @ 4183.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.09 End Date: 2012.08.10 Last Calib.: 2012.08.10
 Start Time: 19:34:49 End Time: 00:29:28 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 10 min.
 IS: No return.
 FF: No blow.
 FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

* Recovery from multiple tests

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: Kurt Talbott

33-13s-29w Gove, KS
Ottley #2
Job Ticket: 48407 **DST#: 4**
Test Start: 2012.08.09 @ 19:34:23

Tool Information

Drill Pipe:	Length: 4171.00 ft	Diameter: 3.80 inches	Volume: 58.51 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	4182.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	114.00 ft			
Tool Length:	134.00 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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Stubb	1.00			4163.00	
Shut In Tool	5.00			4168.00	
Hydraulic tool	5.00			4173.00	
Packer	5.00			4178.00	20.00 Bottom Of Top Packer
Packer	4.00			4182.00	
Stubb	1.00			4183.00	
Recorder	0.00	8373	Inside	4183.00	
Recorder	0.00	8356	Outside	4183.00	
Perforations	13.00			4196.00	
Change Over Sub	1.00			4197.00	
Drill Pipe	93.00			4290.00	
Change Over Sub	1.00			4291.00	
Bullnose	5.00			4296.00	114.00 Bottom Packers & Anchor

Total Tool Length: 134.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc

33-13s-29w Gove,KS

PO Box 252
Great Bend, KS 67530

Ottley #2

Job Ticket: 48407

DST#: 4

ATTN: Kurt Talbott

Test Start: 2012.08.09 @ 19:34:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

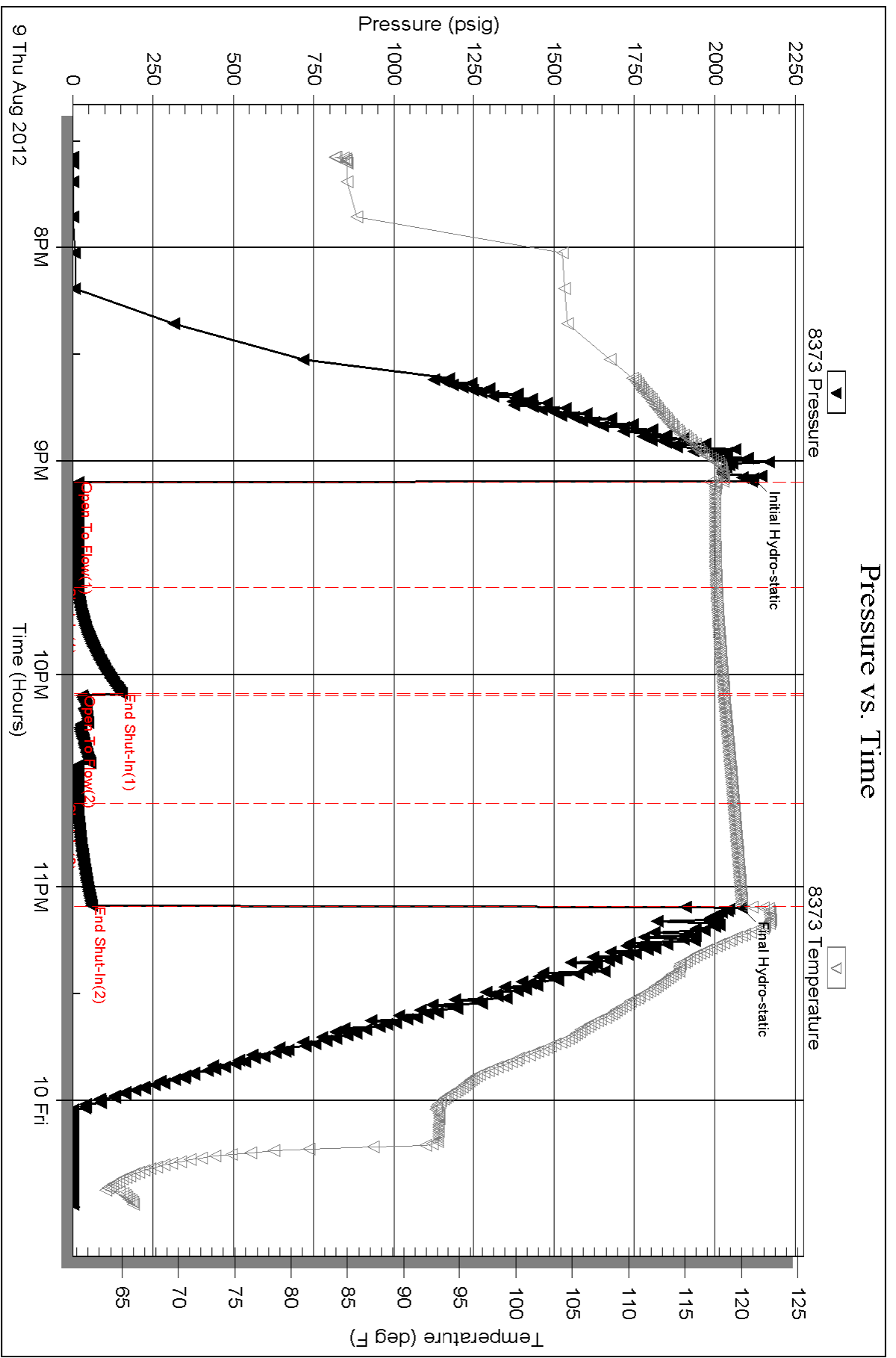
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

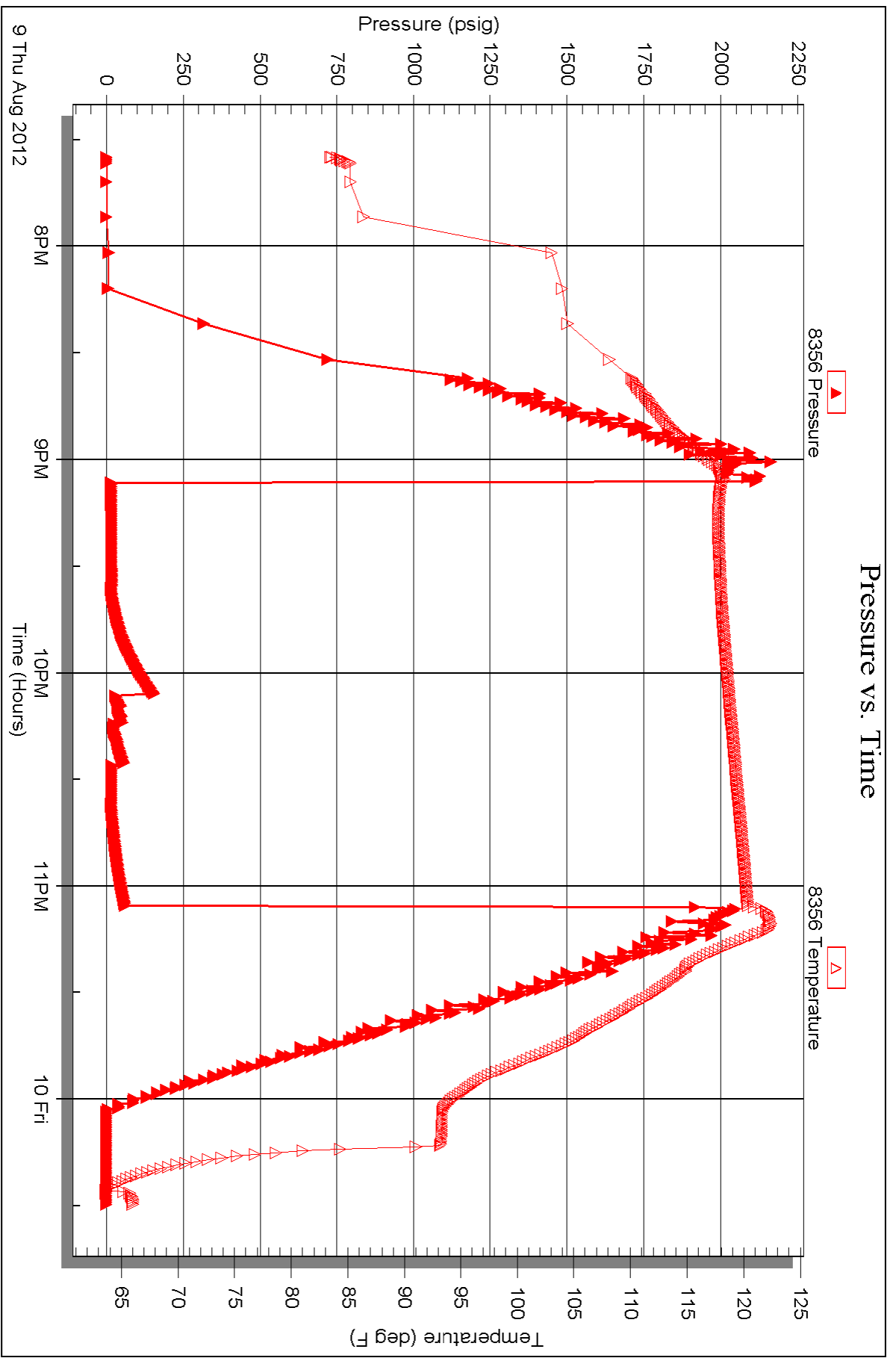


Serial #: 8356

Outside Charter Energy Inc

Outlet #2

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48404

Well Name & No. Ottley #2 Test No. 1 Date 8-6-12
 Company Charter Energy Inc. Elevation 2699 KB 2693 GL
 Address P.O. Box 252 Greatbend, KS 67530
 Co. Rep / Geo. Kurt Talbott Rig Royal #1
 Location: Sec. 33 Twp. 13 Rge. 29 Co. Gove State KS

Interval Tested 3753 3815 Zone Tested Lensing - A
 Anchor Length 62 Drill Pipe Run 3763 Mud Wt. 9.0
 Top Packer Depth 3748 Drill Collars Run - Vis 54
 Bottom Packer Depth 3753 Wt. Pipe Run - WL 7.8
 Total Depth 3815 Chlorides 1900 ppm System LCM 1

Blow Description IF: BoB in 17 min.
IS: No return,
FF: BoB in 23 min.
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>6cm oil spots</u>		<u>40</u>	<u>60</u>	
<u>124</u>	<u>MW</u>		<u>50</u>	<u>50</u>	
<u>124</u>	<u>MW</u>		<u>80</u>	<u>20</u>	

Rec Total 403 BHT 123 Gravity - API RW 11 @ 93 °F Chlorides 50000 ppm

(A) Initial Hydrostatic <u>1809</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>15:10</u>
(B) First Initial Flow <u>40</u>	<input type="checkbox"/> Jars	T-Started <u>16:19</u>
(C) First Final Flow <u>98</u>	<input type="checkbox"/> Safety Joint	T-Open <u>17:27</u>
(D) Initial Shut-In <u>1105</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>20:27</u>
(E) Second Initial Flow <u>104</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:55</u>
(F) Second Final Flow <u>197</u>	<input checked="" type="checkbox"/> Mileage <u>126-</u> 195.30	Comments
(G) Final Shut-In <u>1092</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1776</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>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1345.30</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1345.30</u>	

Approved By Kurt Talbott Our Representative [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. 48405

Well Name & No. Ottley #2 Test No. 2 Date 8-7-12
 Company Charter Energy Inc Elevation 2699 KB 2693 GL
 Address _____
 Co. Rep / Geo. Kurt Talbott Rig Royal #1
 Location: Sec. 33 Twp. 13 Rge. 29 Co. Gove State KS

Interval Tested 3945 4020 Zone Tested Lensing H-I-J
 Anchor Length _____ 75 Drill Pipe Run 3951 Mud Wt. 9.2
 Top Packer Depth _____ 3940 Drill Collars Run _____ Vis 57
 Bottom Packer Depth _____ 3945 Wt. Pipe Run _____ WL 8.0
 Total Depth _____ 4020 Chlorides 2200 ppm System LCM 1

Blow Description IF: BoB in 2 min,
FS: No return,
FF: BoB in 4 min,
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>90cwm</u>	<u>15</u>	<u>30</u>	<u>5</u>	<u>50</u>
<u>434</u>	<u>90cwm</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>40</u>
<u>186</u>	<u>90cmw</u>	<u>30</u>	<u>20</u>	<u>35</u>	<u>15</u>
<u>372</u>	<u>0cmw</u>	<u>10</u>	<u>70</u>	<u>20</u>	<u>0</u>

Rec Total 1240 BHT 129 Gravity _____ API RW .13 @ 76 °F Chlorides 55,000 ppm

(A) Initial Hydrostatic 1976 Test 1250 T-On Location 19:10
 (B) First Initial Flow 144 Jars _____ T-Started 19:19
 (C) First Final Flow 311 Safety Joint _____ T-Open 20:38
 (D) Initial Shut-In 1115 Circ Sub N/C T-Pulled 23:38
 (E) Second Initial Flow 336 Hourly Standby _____ T-Out 1:50
 (F) Second Final Flow 543 Mileage 126- 195.30
 (G) Final Shut-In 1077 Sampler _____
 (H) Final Hydrostatic 1884 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Day Standby _____
 Accessibility _____
 Sub Total 1445.30
 MP/DST Disc't _____

Approved By Kurt Talbott

Our Representative _____

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. 48406

Well Name & No. Ottley #2 Test No. 3 Date 8-8-12
 Company Charter Energy Inc Elevation 2699 KB 2693 GL
 Address _____
 Co. Rep / Geo. Kurt Talbott Rig Boyer #1
 Location: Sec. 33 Twp. 13 Rge. 29 Co. Gove State KS

Interval Tested 4020 4095 Zone Tested Lansing K+L
 Anchor Length _____ 75 Drill Pipe Run 4014 Mud Wt. 9.4
 Top Packer Depth _____ 4015 Drill Collars Run _____ Vis 58
 Bottom Packer Depth _____ 4020 Wt. Pipe Run _____ WL 8.0
 Total Depth _____ 4095 Chlorides 2100 ppm System LCM 1

Blow Description IF: BoB in 5 min.
IS: No return.
FF: BoB in 13 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>mcw</u>		<u>90</u>	<u>10</u>	
<u>124</u>	<u>mcw<90</u>	<u>70</u>	<u>20</u>	<u>5</u>	<u>5</u>
<u>31</u>	<u>90cm</u>	<u>5</u>	<u>10</u>		<u>85</u>
<u>31</u>	<u>90</u>	<u>10</u>	<u>90</u>		
Rec	Feet of	%gas	%oil	%water	%mud
	<u>496 GIP</u>				

Rec Total 248 BHT 127 Gravity 33 API RW 10 @ 102°F Chlorides 52,000 ppm

(A) Initial Hydrostatic 2069 Test 1250 T-On Location 13:35
 (B) First Initial Flow 31 Jars _____ T-Started 13:47
 (C) First Final Flow 66 Safety Joint _____ T-Open 15:12
 (D) Initial Shut-In 1071 Circ Sub NIC T-Pulled 18:12
 (E) Second Initial Flow 73 Hourly Standby _____ T-Out 19:55
 (F) Second Final Flow 121 Mileage 126- 195.30
 (G) Final Shut-In 1059 Sampler _____
 (H) Final Hydrostatic 1974 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1445.30
 Total 1445.30
 MP/DST Disc't _____

Approved By Kurt Talbott Our Representative [Signature]
 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48407

Well Name & No. Ottley #2 Test No. 4 Date 8-9-12
 Company Charter Energy Inc Elevation 2699 KB 2693 GL
 Address _____
 Co. Rep / Geo. Kurt Talbott Rig Royal #1
 Location: Sec. 33 Twp. 13 Rge. 29 Co. Gove State KS

Interval Tested 4182 4296 Zone Tested Ft. Scott
 Anchor Length _____ 114 Drill Pipe Run 4171 Mud Wt. 9.4
 Top Packer Depth _____ 4177 Drill Collars Run _____ Vis 48
 Bottom Packer Depth _____ 4182 Wt. Pipe Run _____ WL 7.6
 Total Depth _____ 4296 Chlorides 2300 ppm System LCM 2

Blow Description IF 1/4 blow died in 10 min.
IS: NO return.
FF: NO blow.
FS: NO return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</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 5 BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2119 Test 1250 T-On Location 19:15
 (B) First Initial Flow 18 Jars _____ T-Started 19:34
 (C) First Final Flow 17 Safety Joint _____ T-Open 21:05
 (D) Initial Shut-In 152 Circ Sub NIL T-Pulled 23:05
 (E) Second Initial Flow 28 Hourly Standby _____ T-Out 00:30
 (F) Second Final Flow 16 Mileage 126 195.30 Comments _____
 (G) Final Shut-In 59 Sampler _____
 (H) Final Hydrostatic 2084 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 30 Accessibility _____

Sub Total 1445.30 Sub Total _____
 Total 1445.30 MP/DST Disc't _____

Approved By Kurt Talbott Our Representative _____

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. 788

Date	8-2-12	Sec.		Range		County	Gov	State	KS	On Location		Finish	11:45 AM
Lease	Ottley	Well No.	2	Location		Gov 45 RDO wto 34 13 Finto							
Contractor	Koval #1	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.									
Type Job	Surface	Charge To		Charter									
Hole Size	12 1/4	T.D.	253	Depth		253							
Csg.	8 5/8	Depth											
Tbg. Size		Street											
Tool		City		State									
Cement Left in Csg.	15'	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line		Displace		15736									
Cement Amount Ordered		150 Lbm 30 bbl 20/6/12											

EQUIPMENT

Pumptrk	5	No.	Cement Helper	5	Common
Bulktrk		No.	Driver	Bett	Poz. Mix
Bulktrk	13	No.	Driver	Doug	Gel.

JOB SERVICES & REMARKS

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
8 5/8 on bottom. Form Circulation.	Sand
Mix 150 Lbm Displace	Handling
Cement Circulation	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	8 5/8 Sample
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	

X Signature

Tax
Discount
Total Charge



P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



Invoice

DATE	INVOICE #
8/14/2012	23257

BILL TO
Charter Energy, Inc. P. O. Box 252 Great Bend, KS 67530-0252

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Ottley	Gove	Professional Pulli...	Oil	Development	Cement Port Collar	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				75	Miles	6.00	450.00
576D-D	Pump Charge - Port Collar - 2226 Feet				1	Job	1,250.00	1,250.00
275	Cotton Seed Hulls				1	Sack(s)	25.00	25.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
276	Flocele				40	Lb(s)	2.00	80.00T
330	Swift Multi-Density Standard (MIDCON II)				160	Sacks	16.50	2,640.00T
581D	Service Charge Cement				450	Sacks	2.00	900.00
583D	Drayage				1,676.32	Ton Miles	1.00	1,676.32
	Subtotal							7,091.32
	Sales Tax Gove County						8.05%	226.61

*CK 6237
 8-20-12*

We Appreciate Your Business!	Total	\$7,317.93
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Services, Inc.

CHARGE TO: CHARTER ENERGY
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET No. **23257**

PAGE 1 OF

1. SERVICE LOCATION: <u>Ness City, KS</u>	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
2. <u>STILEY #2</u>			<u>GOVE</u>	<u>KS</u>	<u>GOVE, KS</u>	<u>14Aug12</u>	
3. TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <u>PROFESSIONAL PULVERS</u>	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	WELL LOCATION	
4. REFERRAL LOCATION	WELL TYPE <u>DIL</u>	WELL CATEGORY <u>DEVELOPMENT</u>	JOB PURPOSE <u>CEMENT PORT COLLAR</u>	WELL PERMIT NO.		<u>43, SW, 15 3E</u>	
INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #110	75	MIL			6.00	450.00
576&D					PUMP CHARGE	1500		222	FT	1.250	1875.00
275					COTTON SEED HULLS	150				2.50	375.00
290					D-AIR	2	gal			35.00	70.00
276					FLOCCLE	40	lbs			2.00	80.00
330					SWIFT MULTI DENSITY	160	ssx			1.65	264.00
581					SERVICE CHARGE CEMENT	450	DISX			2.00	900.00
583					DRAYAGE	447	21bs	167	630Tm	1.00	1676.33

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 14Aug12 TIME SIGNED 1315 AM PM

[Signature]

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	7091	32
Gove TAX 8.05%	226	61
TOTAL	7317	93

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR *[Signature]* APPROVAL *[Signature]* Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 14 AUG 12 PAGE NO.

CUSTOMER CHARTER ENERGY WELL NO. LEASE OTTLEY # 2 JOB TYPE CEMENT PORT COLLAR TICKET NO. 23257

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	10925							ON LOCATION
	1149				✓		1000	PORT COLLAR @ 2226 TEST - HELD
	1152	3			✓		400	OPEN PORT COLLAR - TAKE INS. RATE
	1155	4	88		✓		600	MIX 160s x 5MD
		3	7 1/2		✓		300	DISPLACE CEMENT CIRCULATE 20s x 10 PTV
	1220				✓		1000	CLOSE PORT COLLAR - TEST - HELD RUN 8 JTS.
	1230	3 1/2	22		✓		300	REVERSE CEMENT OUT OF TUBING
	1243							WASH TRUCK
	1315							JOB COMPLETE. THANKS # 110 JASON JEFF FLINT

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
8/11/2012	23208

BILL TO
Charter Energy, Inc. P. O. Box 252 Great Bend, KS 67530-0252

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Ottley	Gove	Royal Drilling #1	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer				7	Each	70.00	490.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
325	Standard Cement				200	Sacks	13.50	2,700.00T
284	Calseal				10	Sack(s)	35.00	350.00T
283	Salt				1,000	Lb(s)	0.20	200.00T
285	CFR-1				100	Lb(s)	4.00	400.00T
276	Flocele				50	Lb(s)	2.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
583D	Drayage				840	Ton Miles	1.00	840.00
	Subtotal							11,705.00
	Sales Tax Gove County						8.05%	683.04

CK 6237
8-20-12

We Appreciate Your Business!	Total	\$12,388.04
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CHARGE TO: Charter Energy
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET No 23208

PAGE 1 OF 2

SERVICE LOCATIONS

1. WELL/PROJECT NO. 42 LEASE 0 Hley COUNTY/PARISH Gove STATE KS CITY Gove DATE 11/16/12 OWNER _____

2. TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ ORDER NO. _____

3. WELL TYPE 011 WELL CATEGORY Development JOB PURPOSE Cement Longstring SHIPPED YES DELIVERED TO location WELL PERMIT NO. _____

4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____ WELL LOCATION 33-13-29

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	80	mi			6.00	480.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Controlizer	5	in	1	ea	70.00	490.00
403		1			Cement Basket	5	in	2	ea	250.00	500.00
404		1			poer Cellar	5	in	1	ea	2400.00	2400.00
406		1			Atch Dam Plug 3/4" hole	5	in	1	ea	250.00	250.00
407		1			Insect Fleet 3/4" hole w/AVD FILL	5	in	1	ea	300.00	350.00
419		1			Rotating head rental	5	in	1	ea	200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: [Signature] TIME SIGNED: A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	1	5970.00
TOTAL	12,388.04	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR _____ APPROVAL _____

Thank You!



PO Box 466.
Ness City, KS 67560
Of: 785-798-2300

TICKET CONTINUATION

TICKET No. 230 23208

CUSTOMER *Charter Energy* WELL *Otley #2* DATE *11 AUG 12* PAGE *21* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	UM			QTY.
225		1				STANDARD cement (Form-2)	200	SK	13.50	2700.00	
224		1				Calsac	1000	lb	35.00	3500.00	
283		1				SALT	1000	lb	0.20	200.00	
285		1				CFR-1	100	lb	4.00	400.00	
276		1				Floclor	93	lb	2.00	186.00	
281		1				MudFlush	500	gal	1.25	625.00	
221		1				RCL Piguid	2	gal	25.00	50.00	
290		1				D-AIR	2	gal	35.00	70.00	
581		1				SEVICE CHARGE			2.00	400.00	
583		1				MILEAGE CHARGE			1.00	840.00	
							TOTAL WEIGHT	21000			
							LOADED MILES				
							CUBIC FEET				
							TON MILES				
								840			

CONTINUATION TOTAL 5735.00

JOB LOG

SWIFT Services, Inc.

DATE 11 AUG 12 PAGE NO. 7

CUSTOMER Charter WELL NO. 42 LEASE Otley JOB TYPE cement long string TICKET NO. 23208

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200sk EA-2 w/ 1/2# flocc TD = 4445 105jt 5 1/2" 14# pipe 4426' shoet 14.17 Port collar #53 2227' Cmt 1, 3, 5, 7, 9, 12, 52 Bank 9, 53
	0400							on loc TRK 114
	0530							start 5 1/2" 14# casing in well
	0705							Drop ball - circulate - ROTATE
	0722		12 20					Pump 500 mud flush Pump 20 bbl KCL flush
	0728		7					Plug RH-MA 20sk 20sk
	0735	4 3/4	40				200	Mix EA-2 cement 150sk @ 15.3ppg
								Drop latch down plug
	0750							wash out pump & line
	0755	6 3/4					200	Displace plug
		6 3/4	90				850	
	0815	6 3/4	107				1500	Land plug
								Release pressure to truck - dried up
	0840							wash truck
								Rack up
	0920							job complete
								Thank Blaine TJ & Dave

OPERATOR
 Company: Charte Energy Inc.
 PO Box 212
 Galtburg, KS 67530
 Contact Designer: Steve Basso
 Contact Engineer: Chris W. Brown
 2485 North
 Location: NW 1/4 Sec 29, T15N-R22W
 State: KS
 Date: 15-03-2021 00:00
 County: USA



Scale: 1/40 Imperial
 Well Name: Cofey #1
 Surface Location: NW 1/4 Sec 29, T15N-R22W
 Bottom Location: 15-063-2201-40-00
 Lithology Narrative: 5/2/2012
 Spud Date: 5/2/2012
 Elapsed: 8:00 AM
 Drilling Completed: 8:10:01 PM
 Surface Coordinates: 1087 754.2 2242 754L
 Time: 7:00 PM
 Bottom Elevation: 2665.000
 U.S. Elevator: 2665.000
 Logged Interval: 3650.000 To: 4500.000

