



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: _____



1114748

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	Ottley 1
Doc ID	1114748

Tops

Name	Top	Datum
Anhydrite	2216	+554
Heebner	3820	-1050
Lansing	3857	-1087
BKC	4160	-1390
Marmaton	4183	-1413
Pawnee	4275	-1505
Ft.Scott	4344	-1574
Cherokee Shale	4373	-1603
Mississippian	4465	-1695



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252
Great Bend KS 67530

ATTN: Kurt Talbot

Ottley #1

32-13s-29w Gove KS

Start Date: 2012.07.28 @ 18:47:15

End Date: 2012.07.29 @ 00:05:15

Job Ticket #: 48980 DST #: 1

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

Printed: 2012.08.03 @ 14:42:51



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy Inc.
PO Box 252
Great Bend KS 67530
ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48980 **DST#: 1**
Test Start: 2012.07.28 @ 18:47:15

GENERAL INFORMATION:

Formation: **Toront-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:21:30
Time Test Ended: 00:05:15
Interval: **3819.00 ft (KB) To 3875.00 ft (KB) (TVD)**
Total Depth: 3819.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 48
Reference Elevations: 2770.00 ft (KB)
2764.00 ft (CF)
KB to GR/CF: 6.00 ft

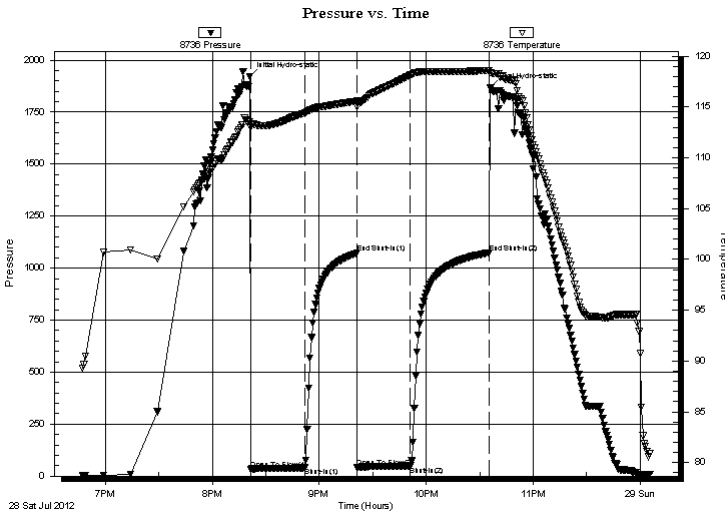
Serial #: 8736

Inside

Press @ Run Depth: 49.39 psig @ 3823.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.28 End Date: 2012.07.29 Last Calib.: 2012.07.29
Start Time: 18:47:15 End Time: 00:05:15 Time On Btm: 2012.07.28 @ 20:21:00
Time Off Btm: 2012.07.28 @ 22:36:00

TEST COMMENT: IF: Built to 1" blow
IS: No return blow
FF: No blow
FS: No return blow

PRESSURE SUMMARY



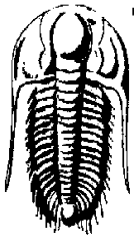
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.60	113.54	Initial Hydro-static
1	33.20	113.00	Open To Flow (1)
31	39.83	114.41	Shut-In(1)
60	1072.05	115.59	End Shut-In(1)
61	42.97	115.06	Open To Flow (2)
90	49.39	118.15	Shut-In(2)
135	1074.11	118.61	End Shut-In(2)
135	1868.19	118.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud 100% m	0.42

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 Talbot

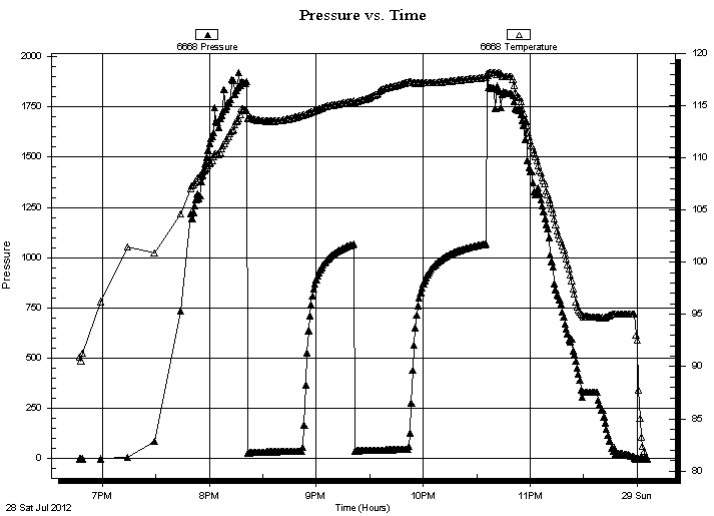
32-13s-29w Gove KS
Ottley #1
Job Ticket: 48980 **DST#: 1**
Test Start: 2012.07.28 @ 18:47:15

GENERAL INFORMATION:

Formation: **Toront-A**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 20:21:30 Tester: Mike Roberts
Time Test Ended: 00:05:15 Unit No: 48
Interval: 3819.00 ft (KB) To 3875.00 ft (KB) (TVD) Reference Elevations: 2770.00 ft (KB)
Total Depth: 3819.00 ft (KB) (TVD) 2764.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 6668 Outside
Press @ Run Depth: psig @ 3823.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.28 End Date: 2012.07.29 Last Calib.: 2012.07.29
Start Time: 18:47:15 End Time: 00:05:15 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Built to 1" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud 100% m	0.42

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 Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48980 **DST#: 1**
Test Start: 2012.07.28 @ 18:47:15

Tool Information

Drill Pipe:	Length: 3825.00 ft	Diameter: 3.80 inches	Volume: 53.65 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:	20000.00 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: 53.65 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3819.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 ft				
Tool Length:	76.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3800.00	
Shut In Tool	5.00			3805.00	
Hydraulic tool	5.00			3810.00	
Packer	5.00			3815.00	20.00 Bottom Of Top Packer
Packer	4.00			3819.00	
Stubb	1.00			3820.00	
Perforations	3.00			3823.00	
Recorder	0.00	8736	Inside	3823.00	
Recorder	0.00	6668	Outside	3823.00	
Change Over Sub	1.00			3824.00	
Drill Pipe	30.00			3854.00	
Change Over Sub	1.00			3855.00	
Perforations	15.00			3870.00	
Bullnose	5.00			3875.00	56.00 Bottom Packers & Anchor

Total Tool Length: 76.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc.
PO Box 252
Great Bend KS 67530
ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48980 **DST#: 1**
Test Start: 2012.07.28 @ 18:47:15

Mud and Cushion Information

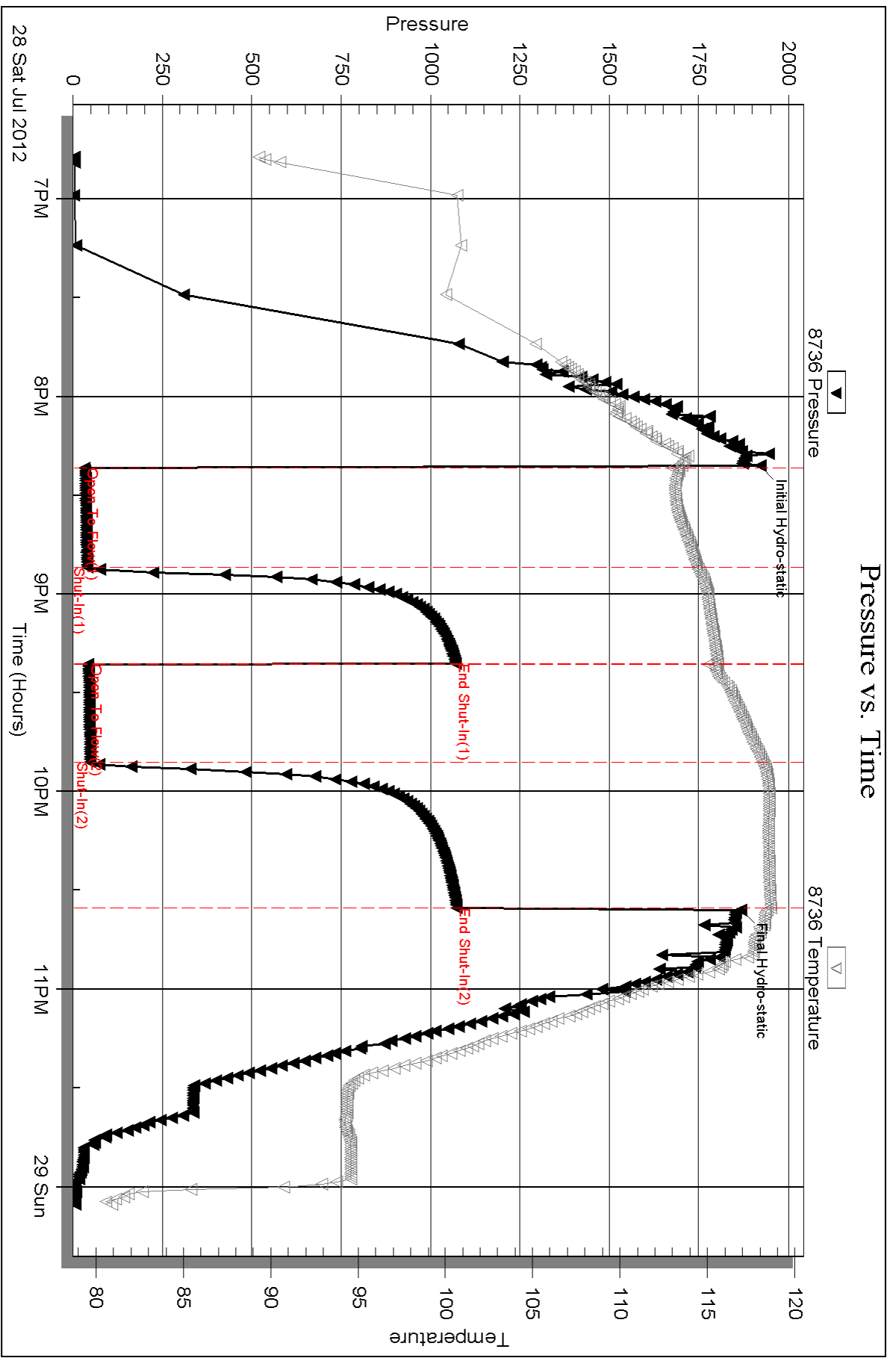
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud 100% m	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

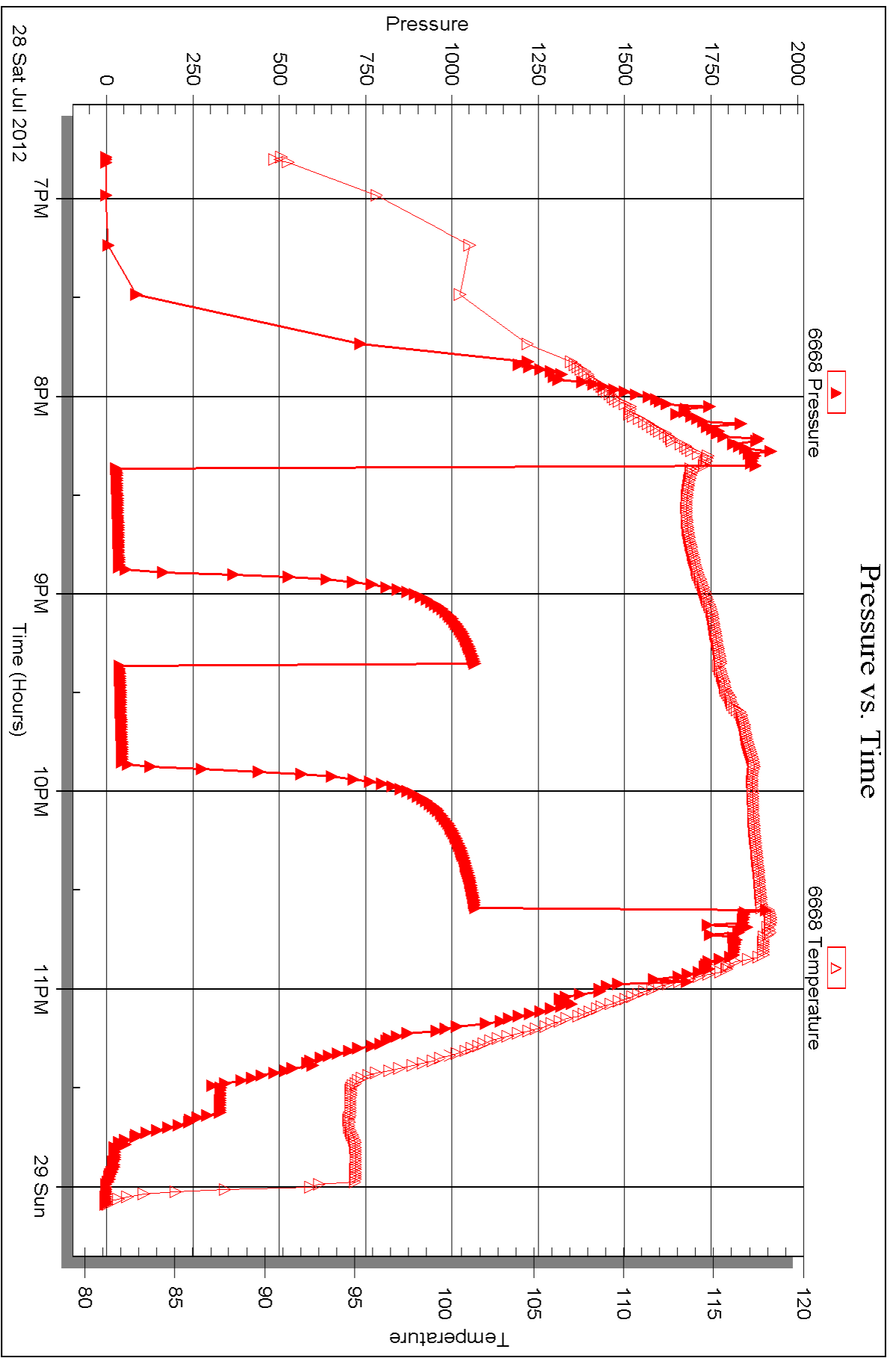


Serial #: 6668

Outside Charter Energy Inc.

Oilley #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48980

Printed: 2012.08.03 @ 14:42:54



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252
Great Bend KS 67530

ATTN: Kurt Talbot

Ottley #1

32-13s-29w Gove KS

Start Date: 2012.07.29 @ 13:00:15

End Date: 2012.07.29 @ 18:30:08

Job Ticket #: 48981 DST #: 2

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

Printed: 2012.08.03 @ 14:41:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy Inc.
 PO Box 252
 Great Bend KS 67530
 ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
 Job Ticket: 48981 **DST#: 2**
 Test Start: 2012.07.29 @ 13:00:15

GENERAL INFORMATION:

Formation: **B-E**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:25:23
 Time Test Ended: 18:30:08
 Interval: **3882.00 ft (KB) To 3950.00 ft (KB) (TVD)**
 Total Depth: 3950.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2770.00 ft (KB)
 2764.00 ft (CF)
 KB to GR/CF: 6.00 ft

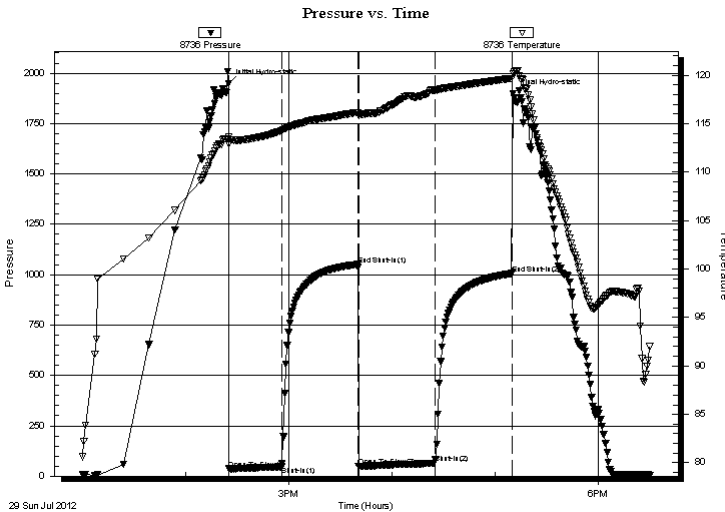
Serial #: 8736

Inside

Press @ Run Depth: 63.47 psig @ 3886.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.29 End Date: 2012.07.29 Last Calib.: 2012.07.29
 Start Time: 13:00:15 End Time: 18:30:08 Time On Btm: 2012.07.29 @ 14:25:08
 Time Off Btm: 2012.07.29 @ 17:10:23

TEST COMMENT: IF: Built to 1" blow
 IS: No return blow
 FF: Built to 1/2" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.79	113.59	Initial Hydro-static
1	35.58	112.91	Open To Flow (1)
31	46.20	114.27	Shut-In(1)
75	1050.38	116.15	End Shut-In(1)
76	48.41	115.81	Open To Flow (2)
120	63.47	118.42	Shut-In(2)
165	1005.48	119.67	End Shut-In(2)
166	1897.46	120.17	Final Hydro-static

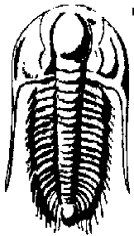
Recovery

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

* 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 Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48981 **DST#: 2**
Test Start: 2012.07.29 @ 13:00:15

GENERAL INFORMATION:

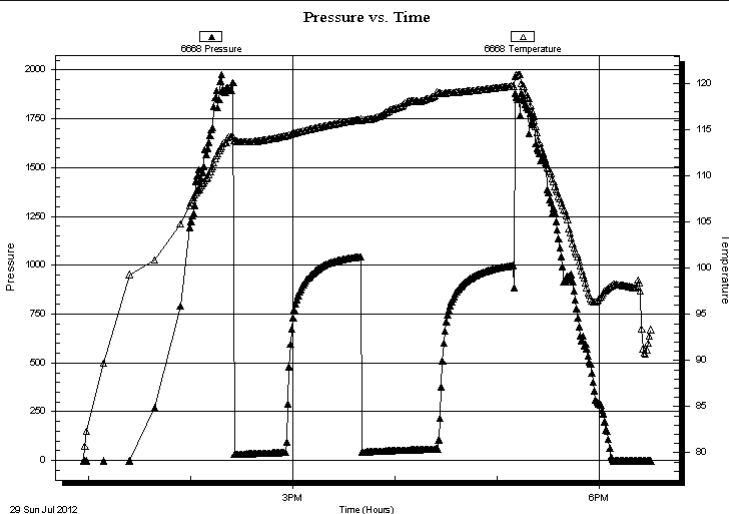
Formation: **B-E**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:25:23
 Time Test Ended: 18:30:08
Interval: 3882.00 ft (KB) To 3950.00 ft (KB) (TVD)
 Total Depth: 3950.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 48
 Reference Elevations: 2770.00 ft (KB)
 2764.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6668

Outside

Press @ Run Depth: psig @ 3886.00 ft (KB)
 Start Date: 2012.07.29 End Date: 2012.07.29
 Start Time: 12:57:08 End Time: 18:30:08
 Capacity: 8000.00 psig
 Last Calib.: 2012.07.29
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to 1" blow
 IS: No return blow
 FF: Built to 1/2" blow
 FS: No return blow



PRESSURE SUMMARY

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

Recovery

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

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: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48981 **DST#: 2**
Test Start: 2012.07.29 @ 13:00:15

Tool Information

Drill Pipe:	Length: 3885.00 ft	Diameter: 3.80 inches	Volume: 54.50 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:	20000.00 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: 54.50 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	41000.00 lb
Depth to Top Packer:	3882.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	68.00 ft				
Tool Length:	88.00 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			3863.00	
Shut In Tool	5.00			3868.00	
Hydraulic tool	5.00			3873.00	
Packer	5.00			3878.00	20.00 Bottom Of Top Packer
Packer	4.00			3882.00	
Stubb	1.00			3883.00	
Perforations	3.00			3886.00	
Recorder	0.00	8736	Inside	3886.00	
Recorder	0.00	6668	Outside	3886.00	
Change Over Sub	1.00			3887.00	
Drill Pipe	31.00			3918.00	
Change Over Sub	1.00			3919.00	
Perforations	26.00			3945.00	
Bullnose	5.00			3950.00	68.00 Bottom Packers & Anchor

Total Tool Length: 88.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc.
PO Box 252
Great Bend KS 67530
ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48981 **DST#: 2**
Test Start: 2012.07.29 @ 13:00:15

Mud and Cushion Information

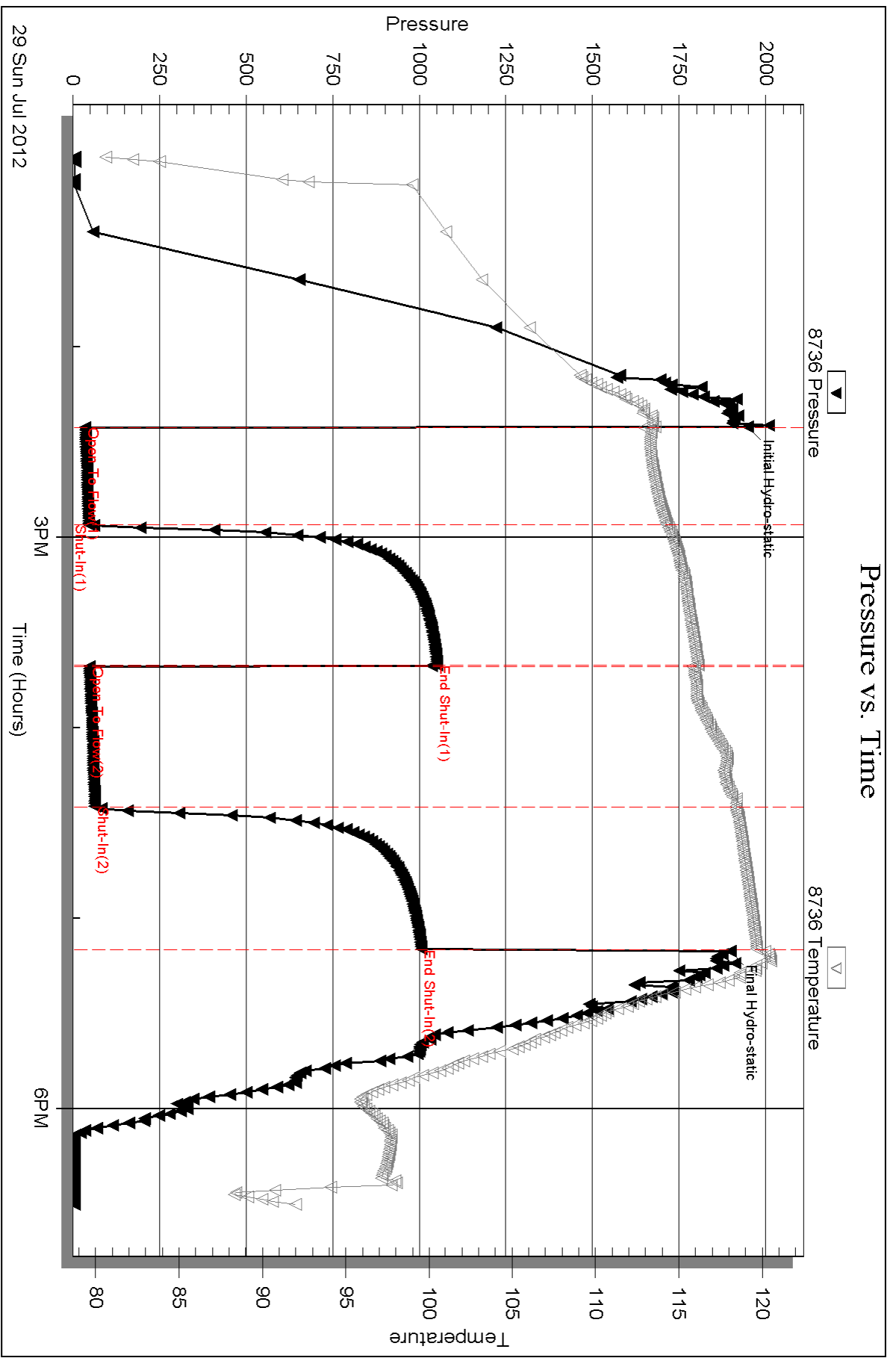
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 1.00 inches			

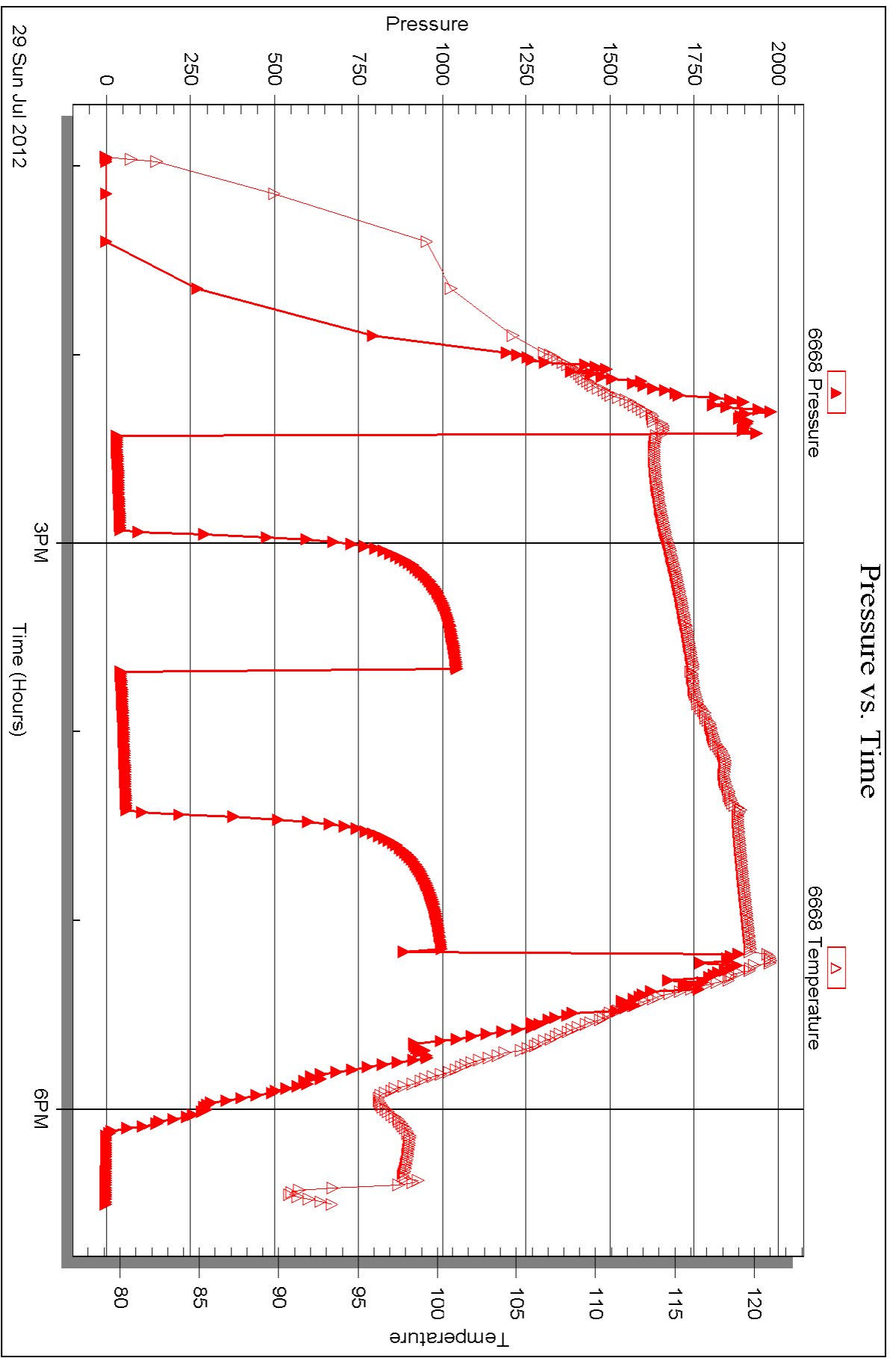
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud 100%m	0.870

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







DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc.**

PO Box 252
Great Bend KS 67530

ATTN: Kurt Talbot

Ottley #1

32-13s-29w Gove KS

Start Date: 2012.07.30 @ 18:08:15

End Date: 2012.07.31 @ 00:10:30

Job Ticket #: 48982 DST #: 3

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

Printed: 2012.08.03 @ 14:40:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Charter Energy Inc.
PO Box 252
Great Bend KS 67530
ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48982 **DST#: 3**
Test Start: 2012.07.30 @ 18:08:15

GENERAL INFORMATION:

Formation: **J-K-L**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:32:45
Time Test Ended: 00:10:30
Interval: **4066.00 ft (KB) To 4155.00 ft (KB) (TVD)**
Total Depth: 4155.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 48
Reference Elevations: 2770.00 ft (KB)
2764.00 ft (CF)
KB to GR/CF: 6.00 ft

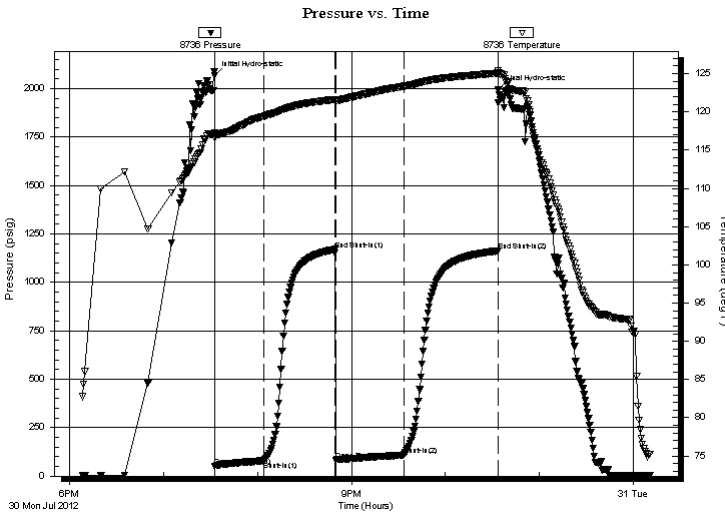
Serial #: 8736

Inside

Press @ Run Depth: 108.34 psig @ 4070.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.30 End Date: 2012.07.31 Last Calib.: 2012.07.31
Start Time: 18:08:15 End Time: 00:10:30 Time On Btm: 2012.07.30 @ 19:32:30
Time Off Btm: 2012.07.30 @ 22:34:00

TEST COMMENT: IF:BOB in 27 min.
IS:No return blow
FF:BOB in 42 min.
FS:Return blow built to weak surface blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.61	117.30	Initial Hydro-static
1	51.77	116.55	Open To Flow (1)
32	77.68	119.41	Shut-In(1)
77	1169.56	121.65	End Shut-In(1)
78	82.24	121.44	Open To Flow (2)
121	108.34	123.35	Shut-In(2)
181	1162.16	125.08	End Shut-In(2)
182	1996.30	125.19	Final Hydro-static

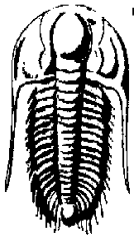
Recovery

Length (ft)	Description	Volume (bbl)
10.00	Free oil 100%o	0.14
82.00	gcmo 10%g 50%o 40%m	1.15
62.00	gcom 10%g 10%o 80%m	0.87

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Charter Energy Inc.

32-13s-29w Gove KS

PO Box 252
Great Bend KS 67530

Ottley #1

Job Ticket: 48982

DST#: 3

ATTN: Kurt Talbot

Test Start: 2012.07.30 @ 18:08:15

GENERAL INFORMATION:

Formation: **J-K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:32:45

Time Test Ended: 00:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 48

Interval: 4066.00 ft (KB) To 4155.00 ft (KB) (TVD)

Total Depth: 4155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2770.00 ft (KB)

2764.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6668 **Outside**

Press @ Run Depth: psig @ 4070.00 ft (KB)

Start Date: 2012.07.30

End Date: 2012.07.31

Start Time: 18:08:15

End Time: 00:11:00

Capacity: 8000.00 psig

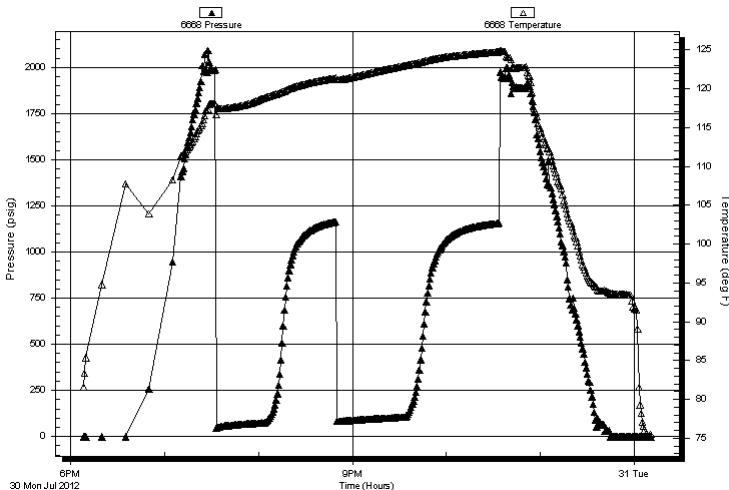
Last Calib.: 2012.07.31

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:BOB in 27 min.
IS:No return blow
FF:BOB in 42 min.
FS:Return blow built to weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Free oil 100%	0.14
82.00	gcmo 10%g 50%o 40%m	1.15
62.00	gcom 10%g 10%o 80%m	0.87

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.

32-13s-29w Gove KS

PO Box 252
Great Bend KS 67530

Ottley #1

Job Ticket: 48982

DST#: 3

ATTN: Kurt Talbot

Test Start: 2012.07.30 @ 18:08:15

Tool Information

Drill Pipe:	Length: 4072.00 ft	Diameter: 3.80 inches	Volume: 57.12 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	4066.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	109.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Change Over Sub	1.00			4047.00	
Shut In Tool	5.00			4052.00	
Hydraulic tool	5.00			4057.00	
Packer	5.00			4062.00	20.00 Bottom Of Top Packer
Packer	4.00			4066.00	
Stubb	1.00			4067.00	
Perforations	3.00			4070.00	
Recorder	0.00	8736	Inside	4070.00	
Recorder	0.00	6668	Outside	4070.00	
Change Over Sub	1.00			4071.00	
Drill Pipe	62.00			4133.00	
Change Over Sub	1.00			4134.00	
Perforations	16.00			4150.00	
Bullnose	5.00			4155.00	89.00 Bottom Packers & Anchor

Total Tool Length: 109.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Charter Energy Inc.
PO Box 252
Great Bend KS 67530
ATTN: Kurt Talbot

32-13s-29w Gove KS
Ottley #1
Job Ticket: 48982 **DST#: 3**
Test Start: 2012.07.30 @ 18:08:15

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: 75.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1100.00 ppm			
Filter Cake: 1.00 inches			

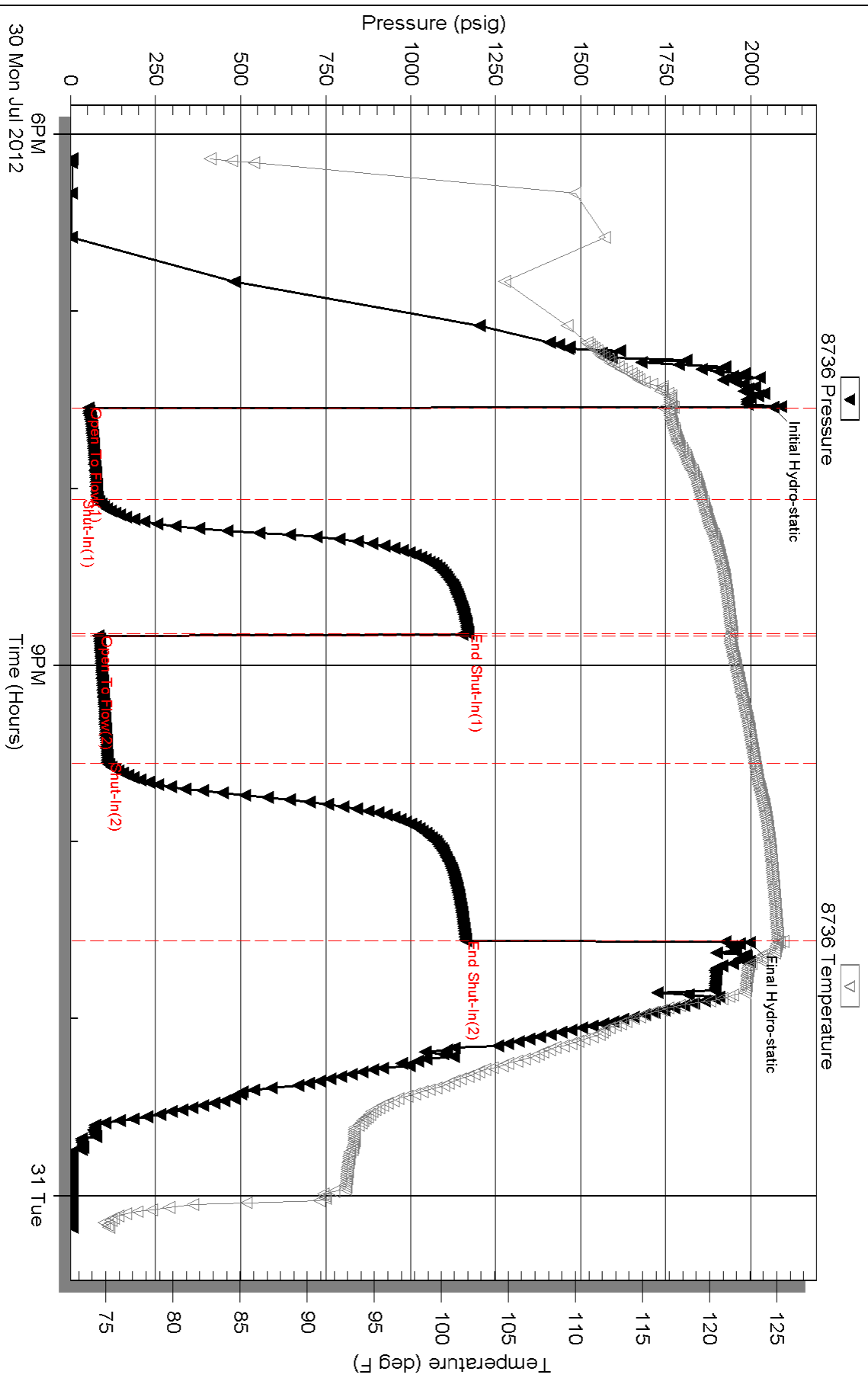
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Free oil 100%o	0.140
82.00	gcmo 10%g 50%o 40%m	1.150
62.00	gcom 10%g 10%o 80%m	0.870

Total Length: 154.00 ft Total Volume: 2.160 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

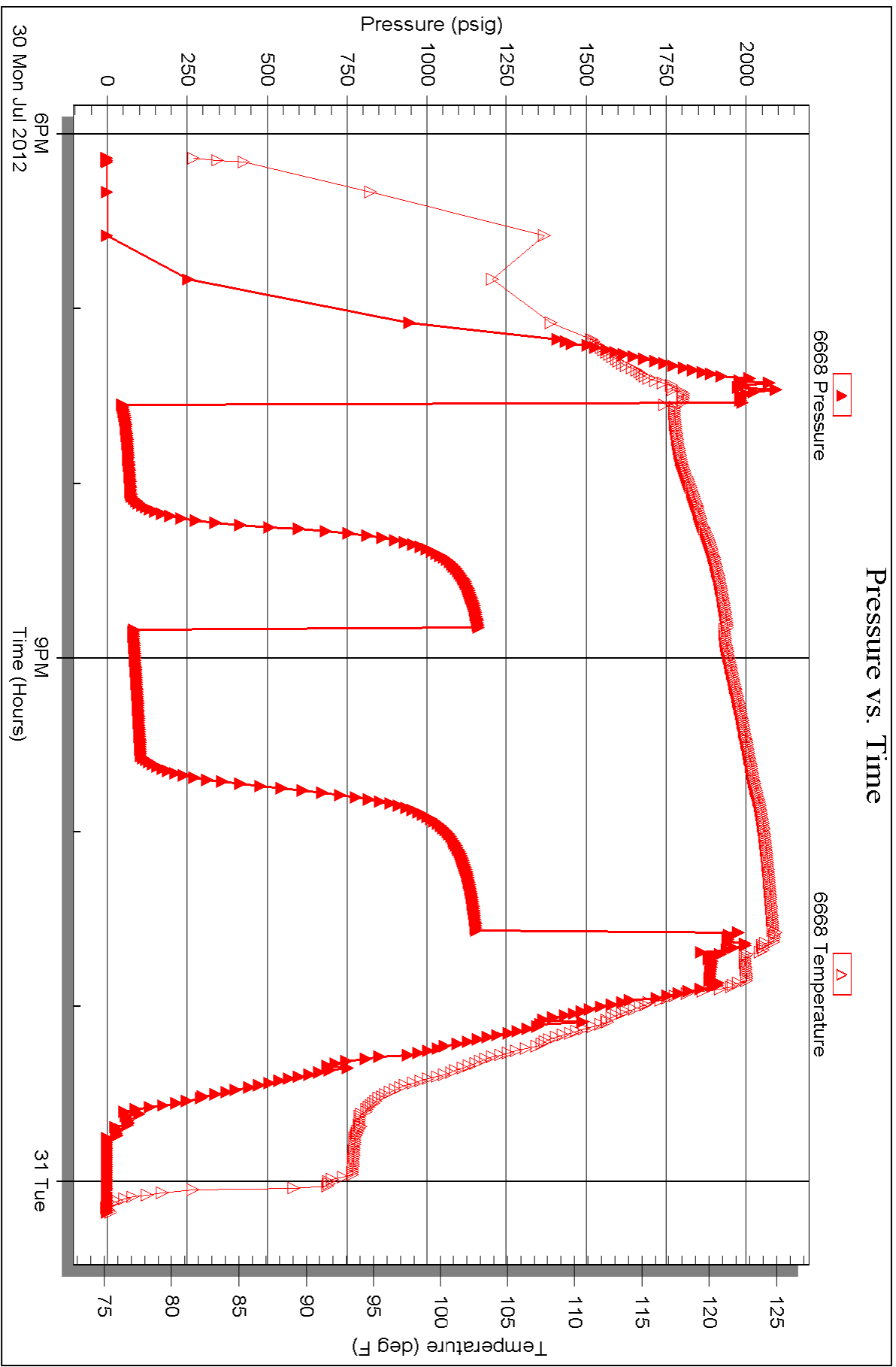


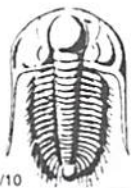
Serial #: 6668

Outside Charter Energy Inc.

Oilley #1

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48980 ^{7/28}
_{7/29}

Well Name & No. Ottley #1 Test No. 1 Date 7-28-12
 Company Charter Energy Inc Elevation 2770 KB 2764 GL
 Address ~~Great Bend~~ P.O. Box 252 Great Bend KS 67530
 Co. Rep / Geo. Kurt Talbot Rig Royal #1
 Location: Sec. 32 Twp. 135 Rge. 29W Co. Grove State KS

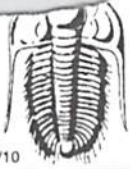
Interval Tested 3819-3875 Zone Tested Toronto - "A"
 Anchor Length 56' Drill Pipe Run 3825 Mud Wt. 9.1
 Top Packer Depth 3815 Drill Collars Run ∅ Vis 52
 Bottom Packer Depth 3819 Wt. Pipe Run ∅ WL 7.8
 Total Depth 3875 Chlorides 1800 ppm System LCM 1
 Blow Description IF: Built to 1/2" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</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 30 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 1921 Test \$1150.00/- T-On Location 12:30
 (B) First Initial Flow 33 Jars — T-Started 18:47
 (C) First Final Flow 39 Safety Joint — T-Open 20:21
 (D) Initial Shut-In 1072 Circ Sub NC T-Pulled 22:36
 (E) Second Initial Flow 42 Hourly Standby — T-Out 00:05
 (F) Second Final Flow 49 Mileage 120 RT = 186.00/- Comments —
 (G) Final Shut-In 1074 Sampler —
 (H) Final Hydrostatic 1868 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1336
 Accessibility — MP/DST Disc't —
 Sub Total 1336.00/-

Approved By Kurt Talbot Our Representative Mike Roberts

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. 48981

Well Name & No. Ottley #1 Test No. 2 Date 7-29-12
 Company Charter Energy Inc Elevation 2770 KB 2764 GL
 Address P.O. Box 252 Great Bend KS 67530
 Co. Rep / Geo. Kurt Tallot Rig Royal #1
 Location: Sec. 32 Twp. 13S Rge. 29W Co. Grove State KS

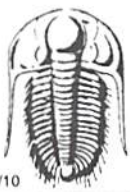
Interval Tested 3882-3950 Zone Tested B+E
 Anchor Length 68 Drill Pipe Run 3885 Mud Wt. 9.3
 Top Packer Depth 3778 Drill Collars Run Ø Vis 59
 Bottom Packer Depth 3882 Wt. Pipe Run Ø WL 7.2
 Total Depth 3950 Chlorides 1100 ppm System LCM 2
 Blow Description IF: Built to 1" Blow
IS: No Return Blow
FF: Built to 1/2 Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</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	Feet of	%gas	%oil	%water	%mud

Rec Total 62 BHT 120 Gravity ✓ API RW ✓ @ ✓ °F Chlorides ✓ ppm
 (A) Initial Hydrostatic 1946 Test 1150.0% T-On Location 12:30
 (B) First Initial Flow 35 Jars _____ T-Started 13:00
 (C) First Final Flow 46 Safety Joint _____ T-Open 14:28
 (D) Initial Shut-In 1050 Circ Sub NC T-Pulled 17:13
 (E) Second Initial Flow 48 Hourly Standby _____ T-Out 18:30
 (F) Second Final Flow 63 Mileage 120RT = \$186.00/- Comments _____
 (G) Final Shut-In 1005 Sampler _____
 (H) Final Hydrostatic 1897 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 45 Extra Recorder _____
 Final Shut-In 45 Day Standby _____
 Accessibility _____
 Sub Total \$1336.00/- Sub Total 0
 Total 1336 MP/DST Disc't _____

Approved By Kurt Tallot Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket 7/30/12

NO. 48982 7/31/12

Well Name & No. OHley #1 Test No. 3 Date 7-30-12
 Company Charter Energy Inc Elevation 2720 KB 2764 GL
 Address P.O. Box 252 Great Bend KS 67530
 Co. Rep / Geo. Kurt Talbot Rig Royal #1
 Location: Sec. 32 Twp. 13S Rge. 29W Co. Grove State KS

Interval Tested 4066-4155 Zone Tested J-K-L
 Anchor Length 89 Drill Pipe Run 4072 Mud Wt. 9.3
 Top Packer Depth 4062 Drill Collars Run Ø Vis 25
 Bottom Packer Depth 4066 Wt. Pipe Run Ø WL 7.2
 Total Depth 4155 Chlorides 1100 ppm System LCM 2
 Blow Description IF: BOB in 27 Min
Is: No Return Blow
FF: BOB in 42 Min
FS: Return Blow Built to Weak Surface Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>82</u>	<u>gcmo</u>	<u>10</u>	<u>50</u>	<u>40</u>	
<u>62</u>	<u>gcom</u>	<u>10</u>	<u>10</u>	<u>80</u>	
<u>10</u>	<u>Free Oil</u>	<u>100</u>			

Rec Total 154 BHT 125 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic 2065 Test 1250.00 T-On Location 18:00
 (B) First Initial Flow 51 Jars - T-Started 18:08
 (C) First Final Flow 77 Safety Joint - T-Open 19:33
 (D) Initial Shut-In 1169 Circ Sub NC T-Pulled 22:33
 (E) Second Initial Flow 82 Hourly Standby - T-Out 00:10
 (F) Second Final Flow 108 Mileage 120 = 186.00% +186 Comments Load tools
 (G) Final Shut-In 1162 Sampler - mileage x2
 (H) Final Hydrostatic 1996 Straddle -
 Ruined Shale Packer
 Shale Packer -
 Ruined Packer
 Extra Packer -
 Extra Copies
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45 Day Standby Over 24 HRS Sub Total 800
 Final Shut-In 60 Accessibility - Total 2422
 MP/DST Disc't

Approved By Kurt Talbot Our Representative Mike Robert
 Sub Total 1622 1436.00%

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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 813

Cell 785-324-1041

Date	7-25-12	Sec.	32	Twp.	13	Range	29	County	GOVE	State	KANSAS	On Location		Finish	6:00 PM
Lease	OITLEY		Well No.	#1		Location GOVE, KS - 45 - 5W - 15 - E / INTO									
Contractor	ROYAL DRILLING #1							Owner CHARTER ENERGY							
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.	263'		Charge To CHARTER ENERGY									
Csg.	8 5/8"		Depth	261		Street									
Tbg. Size			Depth			City									
Tool			Depth			State									
Cement Left in Csg.			Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	15 1/2 BLS		Cement Amount Ordered 150 ccm - 3cc - 2 gcs									

EQUIPMENT

Pumptrk #15	No.	Cementer	ANTICK		Common
		Helper			
Bulktrk #14	No.	Driver	LONATE		Poz. Mix
		Driver			
Bulktrk DU	No.	Driver	CISCO		Gel.
		Driver			

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Cement did circulate ↓

Calcium

Hulls

Salt

Flowseal

Kol-Seal

Mud CLR 48

CFL-117 or CD110 CAF 38

Sand

Handling

Mileage

FLOAT EQUIPMENT

THANK YOU!

X Signature Doug Budy

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

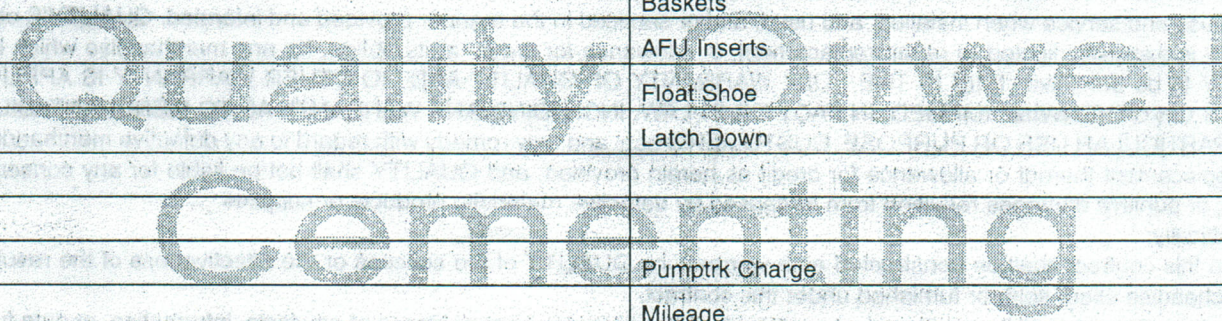
Pumptrk Charge

Mileage

Tax

Discount

Total Charge





Services, Inc.

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

TICKET No 23175

PAGE 1 of 2

SERVICE LOCATIONS:
 1. Ness City, KS
 2. OTTIEY #1
 3. ROYAL DRILLING #1
 4. DEVELOPMENT

WELL PROJECT NO. LEASE COUNTY/PARISH STATE CITY DATE
 OTTIEY #1 BOUE KS GOVE, KS 2 AUG 12
 ROYAL DRILLING #1 DEV. CATEGORY: WELL PERMIT NO. 45,501,1523495507

WELL TYPE: D1L
 WELL CATEGORY: DEVELOPMENT
 JOB PURPOSE: 5x LONGSTRINK

INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UN.	QTY.	UN.	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					MILEAGE #110	70	mi				1.00	420.00
578					Pump Assemblies	1.500		4528	#.	1500		1500.00
402					CENTRALIZERS	5	EA.			70		350.00
403					CEMENT BASKETS	2	EA.			250		500.00
404					FORT MALAR	1	EA.	2322	FT.	2400		2400.00
406					ATRA DOWN PUMP & BAPPLE	1	EA.			250		250.00
407					ASBEST FLOAT SHADE W/ AUTO FILL	1	EA.			350		350.00
281					MUD FLUSH	5	EA.			1.25		625.00
281					LIQUID RIL	2	EA.			25.25		50.50

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: 2 AUG 12 TIME SIGNED: 10:15 AM/PM

SWIFT OPERATOR: [Signature]

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

SURVEY	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	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?	CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 1
 TOTAL: 12,027.83

Thank You!



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

TICKET CONTINUATION

TICKET No. 23175

CUSTOMER: CHARTER ENERGY
WELL: BUTLEY #1
DATE: 2/26/12
PAGE: 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING	TIME	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
276				FLOCCLE	2	50.00	100.00
283				SALT	1000	0.20	200.00
284				CAUSEAL	35	1.50	52.50
285				CFR-1	4	100.00	400.00
290				D-AIR	35	2.00	70.00
325				STANDARD CEMENT EA2	13	50.00	650.00
581				SERVICE CHARGE	2	100.00	200.00
583				WEIGHT CHANGE	1	728.87	728.87
				LOADED MILES	70		
				CHRG FEET	200	5X	
				TOTAL WEIGHT	285		
				TOTAL MILES	728.87		
				CONTINUATION TOTAL			4913.87

JOB LOG

SWIFT Services, Inc.

DATE 2 AUG 12 PAGE NO.

CUSTOMER: **CHARTER ENERGY** WELL NO. LEASE: **OTTLEY #1** JOB TYPE: **5 1/2 LONG STRING** TICKET NO. **23175**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0530							ON LOCATION
	0640							START PIPE 5 1/2" # RTD @ 4549 LTDC 4547 SHOE JT. 19.92' CENTRALIZERS 1, 2, 3, 4, 5, 2 BASKETS 5, 53 PORT COLLAR TOP OF #53 @ 2322
	0825							DROP BALL - CIRCULATE
	0858	6	12		✓		300	Pump 500 GAL MUD FLUSA
		6	20		✓		300	Pump 20 BBL KCL FLUSA
	0904		7.5					PLUG RA - MA (30sx - 20sx)
	0907	4	36 36		✓			MIX / 50sx EA 2
	0927							WASH OUT Pump & LINES
	0928	6			✓			START DISPLACING PLUG
	0943	Ø	110		✓		1500	PLUG DOWN PSI UP LATCH PLUG IN
	0945							RELEASE PSI - DRY
	0948							WASH TRUCK
	1015							JOB COMPLETE
								THANKS #110
								JASON JEFF ISPAAL



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37073

LOCATION Oakleys

FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-9-12		Ottley #1	32	135	29W	Gove
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Chamber Energy			463	Cory D		
MAILING ADDRESS			528	Thomas B		
CITY				Travis W		
STATE		ZIP CODE				

JOB TYPE Port-Collar HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT 5"2
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 3/8 OTHER RRP @ 2590
 SLURRY WEIGHT 12.5 SLURRY VOL 1.89 WATER gal/sk 10.8 CEMENT LEFT in CASING P-Collar @ 2285
 DISPLACEMENT 8.9 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on PPS workover. Rig up and load hole
circulate oil out of hole. Spot 250s sand @ 2285' let sand fall 1/2 hr.
Test closed tool @ 900' Establish circulation. Mix 200s to 60/40
80/200 1/4" closeal lost returns shut down 10 min. Mix 250s to
60/40 80/200 1/4" plugset with 150* cottonseed hulls remaining
circulation cement did circulate Displace 8 BBL close tool
and test to 1000' run 65s reverse to clean and wash sand off
plug

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1695	1695
5406	40 miles	MILEAGE	5	200
5407A	19.4	Tow mileage Delivery	101	1295
1131	4509Ks	60/40 pos	15	6795
113B	3096*	Beatonite	25	774
1107	113*	Cells-plate	283	31866
2101A	160*	Sand	27	4320
		Subtotal		11121
		less 1090		11121
		Subtotal		10009
		SALES TAX		
		ESTIMATED TOTAL		

AUTHORIZATION [Signature] TITLE _____ DATE 8-9-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

3,200 gal

WELL NAME AND NUMBER Ottley #1	LOCATION	DATE 8-8-2012	SERVICE NUMBER 17760
FIELD	FORMATION AKC	JOB DONE DOWN TUBING A <input checked="" type="checkbox"/> CASING B <input type="checkbox"/> ANNULUS C <input type="checkbox"/>	
COUNTY Coar	STATE Ks	ALLOWANCE PRESSURE TGB: CSG:	
TYPE OF SERVICE Acid / new well	TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WATER <input type="checkbox"/> SWD <input type="checkbox"/> INJ <input type="checkbox"/>		
CUST. NAME Charter Energy	AGE OF WELL NEW WELL A <input checked="" type="checkbox"/> REWORK B <input type="checkbox"/>		PACKER TYPE 3 1/2" 4 1/2" 1 1/2" 3 5/8"
	CASING SIZE 5 1/2"	CASING DEPTH	TUBING SIZE 2 3/8"
	OPEN HOLE	CSG. OR ANRL. VOL. 1.2 2.4	TUBING DEPTH T.P. 3950
	PERFORATED INTERVALS		TGB VOLUME 15 (12,661)
ADDRESS		DEPTH	NO. OF HOLES
CITY, STATE & ZIP CODE		DEPTH	NO. OF HOLES
REMARKS:		DEPTH	NO. OF HOLES

ARRIVED ON LOCATION:

TIME	INJECTION		PRESSURE		REMARKS
	RATE	BBLS IN	CSG.	TGB.	
8:45					Drop Spot 6.564 of Acid U ₆ Tub _g Pull packer to 3884 feet
9:05		6.965		500*	Start Acid U ₆ Tub _g to pack Tub _g headed + Increase Pressure
	3 1/4 hr	19.465		500*	Formation Feeding
	3 1/2 hr	21.665		400*	Pressure Dropping
	3 3/4 hr	22.865		1,100*	Increase Rate of Pressure
	3 1/2 hr	24.665		1,100*	Start Water Pad Via Tub _g
	4 hr	28.865		1,400*	Increase Rate of Pressure
	4 1/2 hr	34.665		1,400*	Start 400* Rock Salt in Flush U ₆ Tub _g
	4 hr	37.665		1,400*	Start Acid U ₆ Tub _g
	4 1/2 hr	40.665		1,400*	Increase Rate of Hold @ 5L or 1,400*
	4 3/4 hr	53.665		1,700*	Pressure Increases
	4 1/2 hr	58.665		1,600*	Pressure Dropping
	4 1/2 hr	61.665		1,600*	Start Water Pad Via Tub _g
	4 1/2 hr	71.665		1,500*	Start 600* Rock Salt U ₆ Tub _g
	4 3/4 hr	76.665		1,400*	Start Acid U ₆ Tub _g
	4 1/2 hr	80.665		1,350*	Pressure Dropping
	4 1/2 hr	91.665		1,500*	Pressure Increasing
	4 1/2 hr	93.665		1,700*	
	4 1/2 hr	100.665		1,700*	Start Flush U ₆ Tub _g
	5 1/4 hr	109.665		2,000*	Increase Rate of Pressure
9:38		126.665			STOP Down - Flush Complete 1 hr to flow

TIME LEFT LOCATION	AVER. LIQUID INJ. RATE 4 1/4 hr - 5 1/4 hr	SHUT IN PRESSURE IMMEDIATE 15 MINUTES		PRODUCTS USED
MAX. PRESSURE 2,000*	AVER. PRESSURE 1,600*	400*	1 hr	3,000 gal 20% NE
CUSTOMER REPRESENTATIVE Buel Jackson	KANSAS ACID REPRESENTATIVE Buel Hill			1,000* Rock Salt



SERVICE NUMBER

017760

P.O. Box 1595
Hays, KS 67601-8595

DATE 8-8-2012 Customer's Order No. Verbal

WELL NAME AND NUMBER Ottley #1 LOCATION _____

FIELD NIA FORMATION AKC

COUNTY - STATE Gove, KS

TYPE OF SERVICE Acid/ new well

CUST. NAME Charter Energy

ADDRESS _____
CITY _____
STATE & ZIP CODE _____

As consideration, the above-named Customer agrees to pay Kansas Acid, Inc. in accord with the rates and terms stated in Kansas Acid, Inc. current price lists. Invoices are payable NET 30 after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Kansas Acid, Inc. warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Kansas Acid, Inc. liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Kansas Acid, Inc. or, at Kansas Acid, Inc. option, to the allowance to the customer of credit for the cost of such items. In no event shall Kansas Acid, Inc. be liable for special, indirect, punitive or consequential damages.

REF. NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
5828	20% H ₂ O Acid	3,000 gals	2.93	8,790.00
76	AK-50 Inhibitor	9 gals	71.63	644.67
1046	AR-38 AF	6 gals	53.55	321.30
1337	Rock Salt	1,000*	53	530.00
9313	Truck Mileage	60mi	5.50	330.00
9647	Pump Truck	1	750.00	750.00
			Gross	11,365.97
			-25% Disc	-2,841.49
POWER TAX				
SALES TAX				
Material Reimbursement				
TOTAL CHARGE	<i>Discounted Price =</i>			\$8,524.48

The above was received and the job was under the direction, supervision, and control of the owner, operator or his agent whose signature appears below:

TRUCK NUMBER: 012

DRIVER Mark, Sesse

THIS JOB WAS SATISFACTORILY COMPLETED Yes No

OPERATION OF EQUIPMENT WAS SATISFACTORY

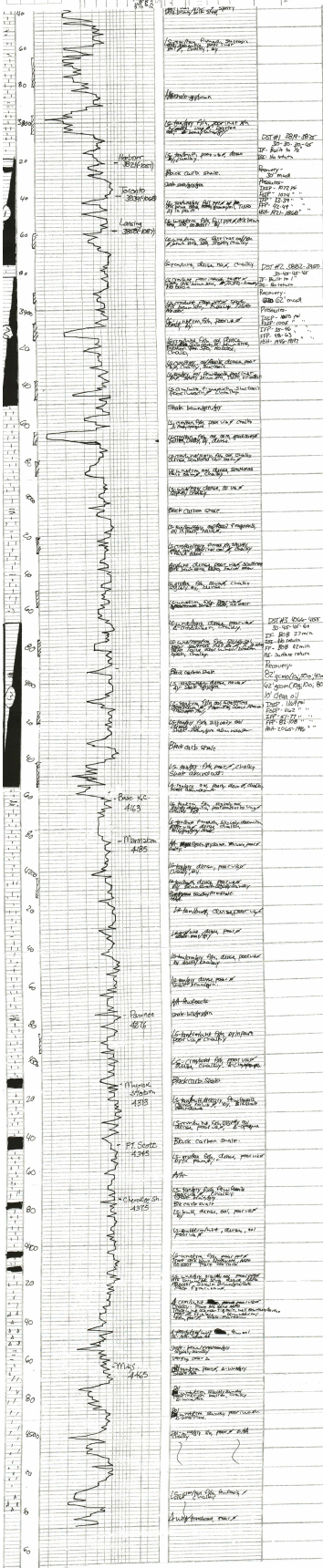
PERFORMANCE OF PERSONNEL WAS SATISFACTORY

Duel Noel
KANSAS ACID REPRESENTATIVE

[Signature]
CUSTOMER OR HIS AGENT'S SIGNATURE

GEOLOGIST'S REPORT

PROJECT: ... LOCATION: ... CLIENT: ... DATE: ...



Summary notes and additional data at the bottom of the log page.