



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1222567
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1222567

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 253

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6-26-14	13	20	16	Pawnee	Ks		11:45 AM

Hammond

Location *Great Bend w on 10th St to 110 Ave, 35 to 30 Rd*

Lease	Well No. 1	Owner
Contractor <i>Royal #1</i>		<i>3 1/2 W, S n 2</i>
Type Job <i>Surface</i>		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 <i>12 1/4</i>	T.D. <i>1080</i>	Charge To <i>Charter Energy</i>
Csg. <i>8 5/8</i>	Depth <i>1080</i>	Street
Tbg. Size	Depth	City
Tool	Depth	State
Cement Left in Csg. <i>9'</i>	Shoe Joint <i>9'</i>	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Displace <i>68661</i>	Cement Amount Ordered <i>450 sk 60/40, 3%cc, 2%gel</i>

EQUIPMENT

Pumptrk <i>17</i> No.	Cementor	Common
	Helper <i>Lonnie W</i>	<i>270</i>
Bulktrk <i>21</i> No.	Driver	Poz. Mix <i>180</i>
	Driver <i>Ryan, Tylor</i>	Gel. <i>9</i>
Bulktrk <i>P4</i> No.	Driver	Calcium <i>16</i>
	Driver <i>Travis</i>	

JOB SERVICES & REMARKS

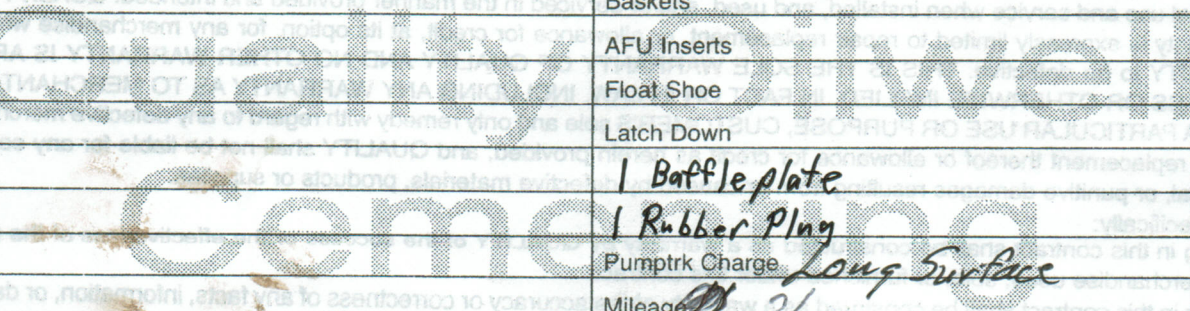
Remarks: <i>cement did circulate</i>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal <i>225</i>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling <i>475</i>
	Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down
<i>1 Baffle plate</i>
<i>1 Rubber Plug</i>
Pumptrk Charge <i>Long Surface</i>
Mileage <i>21</i>

Tax
Discount
Total Charge

X Signature *Alouy Burg*



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 079

Cell 785-324-1041

Date	Sec.	Twp.	Range	County	State	On Location	Finish
7-2-14	13	20	16	Pawnee	Ks		10:00 PM

Lease Hammond Well No. #1 Location Great Bend, Ks - W on 11th Street to 110 Ave

Owner	35 to 36 Rd, 3 1/4 W, 5/1 into
Contractor	Royal 1
Type Job	Plug
Hole Size	7 7/8"
Csg.	Depth 3850'
Tbg. Size	4 1/2" D.P. Depth 3750'
Tool	Depth
Cement Left in Csg.	Shoe Joint
Meas Line	Displace H2O / mud

EQUIPMENT		Charge To
Pumptrk 16	No. Cementer Betty	Charles Energy
Bulktrk 4	No. Driver Doug	
Bulktrk p.m.	No. Driver Rick	

JOB SERVICES & REMARKS		Common
Remarks:		132
Rat Hole		Poz. Mix 88
Mouse Hole		Gel. 8
Centralizers		Calcium
Baskets		Hulls
D/V or Port Collar		Salt
3750' - 50 SX		Flowseal 50#
1110' - 50 SX		Kol-Seal
390' - 50 SX		Mud CLR 48
60' - 20 SX w/ plug		CFL-117 or CD110 CAF 38
Rathole - 30 SX		Sand
Mousehole - 20 SX		Handling 228
		Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Cement did Circulate

Thanks

to Doug [unclear]

Pumptrk Charge	plug	Tax
Mileage	21	Discount
Signature	Doug Bury	Total Charge



DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Kurt Talbott

Hammond #1

13-20s-16w Pawnee,KS

Start Date: 2014.07.01 @ 06:16:00

End Date: 2014.07.01 @ 12:52:00

Job Ticket #: 54062 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.07.03 @ 08:24:03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

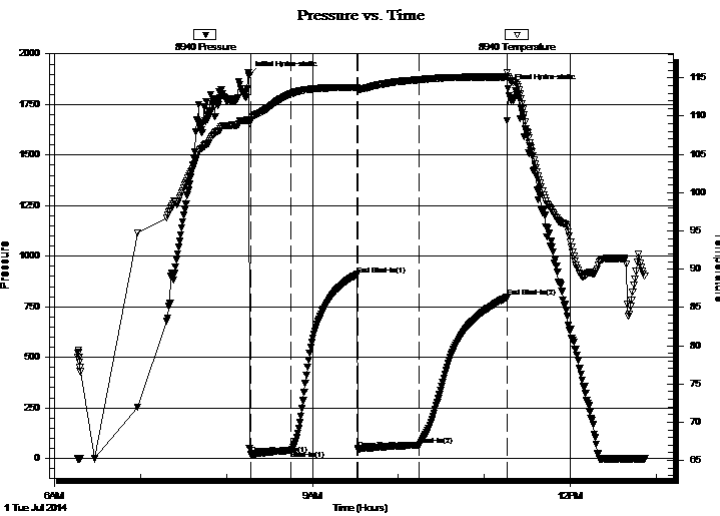
13-20s-16w Pawnee, KS
Hammond #1
 Job Ticket: 54062 **DST#: 1**
 Test Start: 2014.07.01 @ 06:16:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:16:45
 Time Test Ended: 12:52:00
 Interval: **3719.00 ft (KB) To 3736.00 ft (KB) (TVD)**
 Total Depth: 3736.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2052.00 ft (KB)
 2046.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8940 Outside
 Press@RunDepth: 66.64 psig @ 3733.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.07.01 End Date: 2014.07.01 Last Calib.: 2014.07.01
 Start Time: 06:16:05 End Time: 12:51:59 Time On Btm: 2014.07.01 @ 08:15:45
 Time Off Btm: 2014.07.01 @ 11:16:45

TEST COMMENT: 30 - IF- B.O.B. in 4 minutes
 45 - IS- No return
 45 - FF- 7 1/2" blow
 60 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.82	109.56	Initial Hydro-static
1	19.24	109.57	Open To Flow (1)
30	40.58	112.90	Shut-In(1)
76	909.44	113.71	End Shut-In(1)
77	45.60	113.49	Open To Flow (2)
119	66.64	114.75	Shut-In(2)
180	796.47	115.13	End Shut-In(2)
181	1827.74	115.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	50%W, 50%M	0.87
55.00	Mud, 100%M	0.77

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

13-20s-16w Pawnee,KS
Hammond #1
Job Ticket: 54062 **DST#: 1**
Test Start: 2014.07.01 @ 06:16:00

Tool Information

Drill Pipe:	Length: 3709.00 ft	Diameter: 3.80 inches	Volume: 52.03 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 52.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3719.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3699.00	
Shut In Tool	5.00			3704.00	
Hydraulic tool	5.00			3709.00	
Packer	5.00			3714.00	21.00 Bottom Of Top Packer
Packer	5.00			3719.00	
Perforations	14.00			3733.00	
Recorder	0.00	8648	Inside	3733.00	
Recorder	0.00	8940	Outside	3733.00	
Bullnose	3.00			3736.00	17.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

13-20s-16w Pawnee,KS
Hammond #1
Job Ticket: 54062 **DST#: 1**
Test Start: 2014.07.01 @ 06:16:00

Mud and Cushion Information

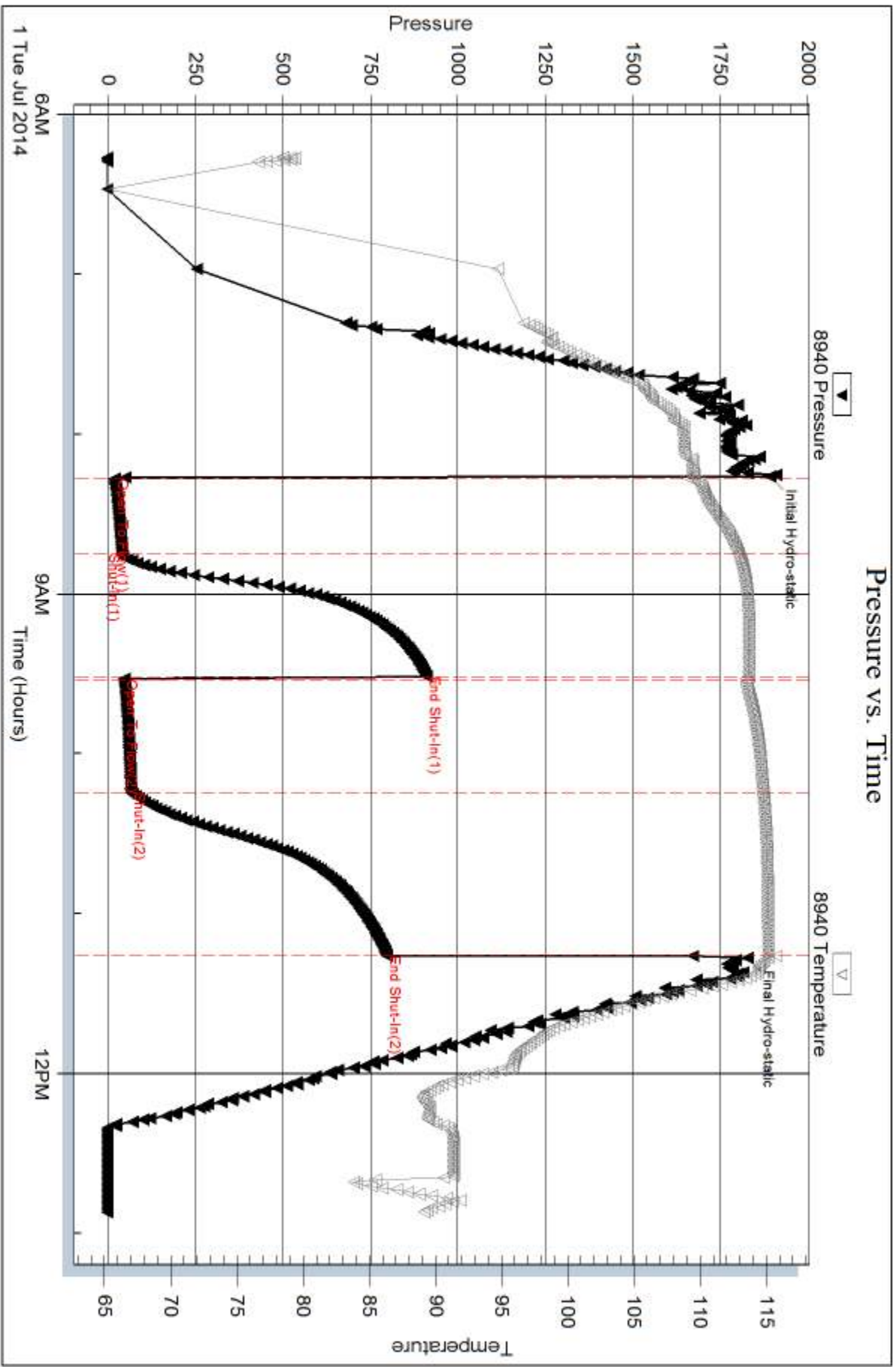
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	43000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	50%W, 50%M	0.870
55.00	Mud, 100%M	0.772

Total Length: 117.00 ft Total Volume: 1.642 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .14 @ 78 Degrees = 43000



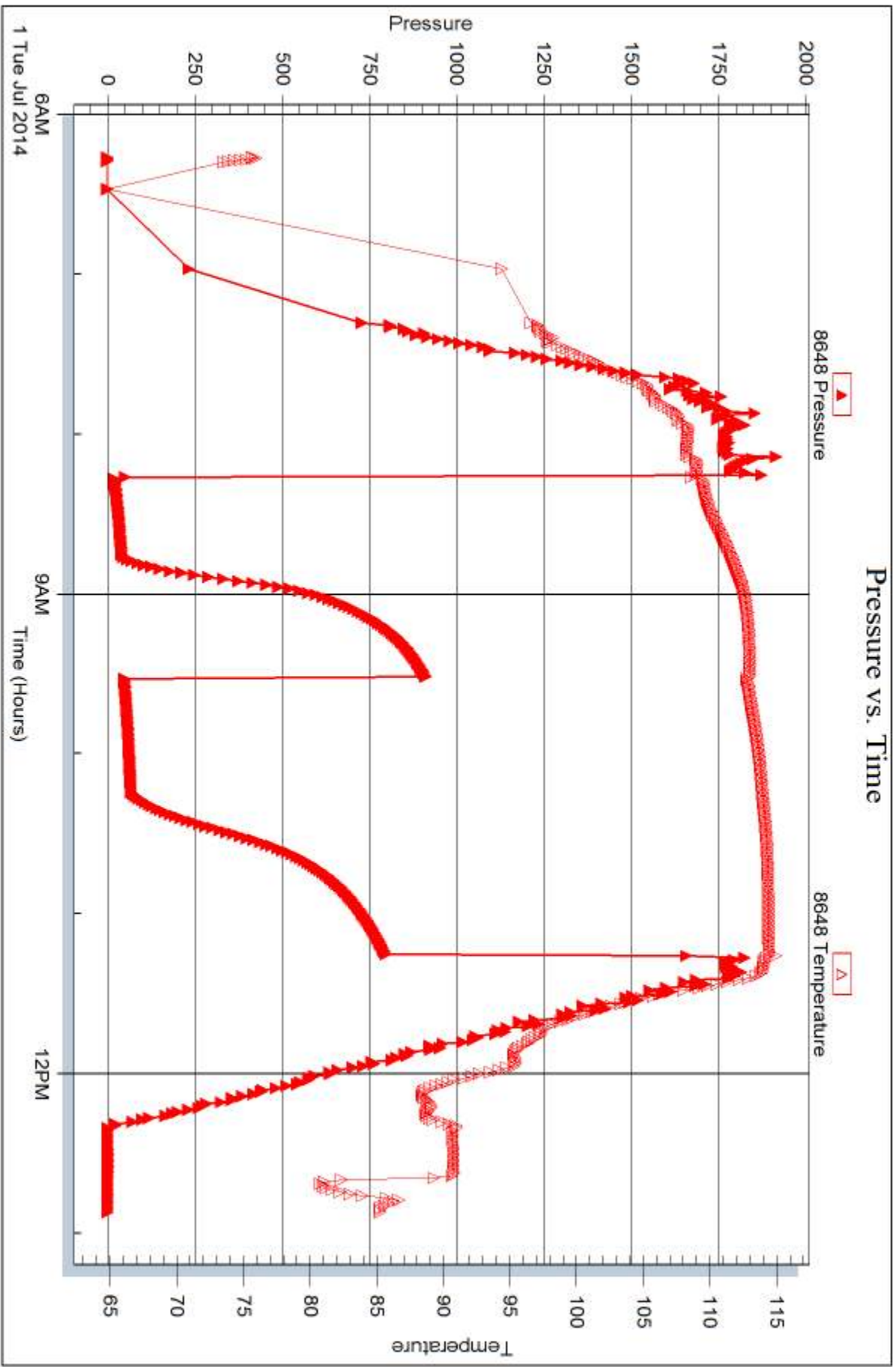
Serial #: 8648

Inside

Charter Energy Inc

Hammond #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Charter Energy Inc**

PO Box 252
Great Bend KS 67530

ATTN: Kurt Talbott

Hammond #1

13-20s-16w Pawnee,KS

Start Date: 2014.07.01 @ 19:43:00

End Date: 2014.07.02 @ 03:23:15

Job Ticket #: 54063 DST #: 2

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

Printed: 2014.07.03 @ 08:23:12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

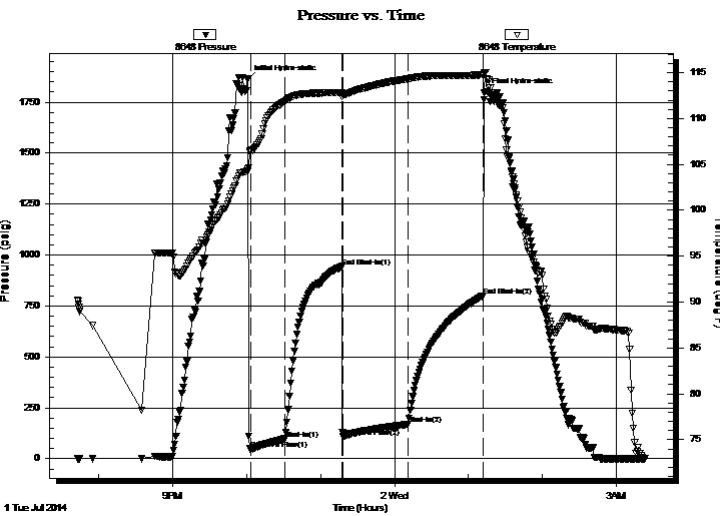
13-20s-16w Pawnee, KS
Hammond #1
Job Ticket: 54063 **DST#: 2**
Test Start: 2014.07.01 @ 19:43:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:03:15
Time Test Ended: 03:23:15
Interval: **3734.00 ft (KB) To 3763.00 ft (KB) (TVD)**
Total Depth: 3763.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Cody Bloedorn
Unit No: 73
Reference Elevations: 2052.00 ft (KB)
2046.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8648 Inside
Press@RunDepth: 168.91 psig @ 3760.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.07.01 End Date: 2014.07.02 Last Calib.: 2014.07.02
Start Time: 19:43:05 End Time: 03:23:14 Time On Btm: 2014.07.01 @ 22:01:15
Time Off Btm: 2014.07.02 @ 01:13:00

TEST COMMENT: 30 - IF- B.O.B. instantly
45 - IS- 2 1/2" return
45 - FF- B.O.B. in 7 minutes, dying @ 25 minutes, died back to surface blow
60 - FS- Surface return, died in 18 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1862.16	104.52	Initial Hydro-static
2	46.77	106.44	Open To Flow (1)
30	97.21	111.87	Shut-In(1)
77	943.59	112.81	End Shut-In(1)
77	107.05	112.57	Open To Flow (2)
130	168.91	114.30	Shut-In(2)
191	800.60	114.76	End Shut-In(2)
192	1797.86	115.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	MW, 20%M, 80%W	2.61
124.00	WM, 5%W, 95%M	1.74
20.00	V/SOCM, 2%O, 98%M	0.28

* 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

13-20s-16w Pawnee,KS
Hammond #1
 Job Ticket: 54063 **DST#: 2**
 Test Start: 2014.07.01 @ 19:43:00

Tool Information

Drill Pipe:	Length: 3740.00 ft	Diameter: 3.80 inches	Volume: 52.46 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 52.46 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3734.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	50.00 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			3714.00	
Shut In Tool	5.00			3719.00	
Hydraulic tool	5.00			3724.00	
Packer	5.00			3729.00	21.00 Bottom Of Top Packer
Packer	5.00			3734.00	
Stubb	1.00			3735.00	
Perforations	25.00			3760.00	
Recorder	0.00	8648	Inside	3760.00	
Recorder	0.00	8940	Outside	3760.00	
Bullnose	3.00			3763.00	29.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

13-20s-16w Pawnee,KS
Hammond #1
Job Ticket: 54063 **DST#: 2**
Test Start: 2014.07.01 @ 19:43:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	50000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

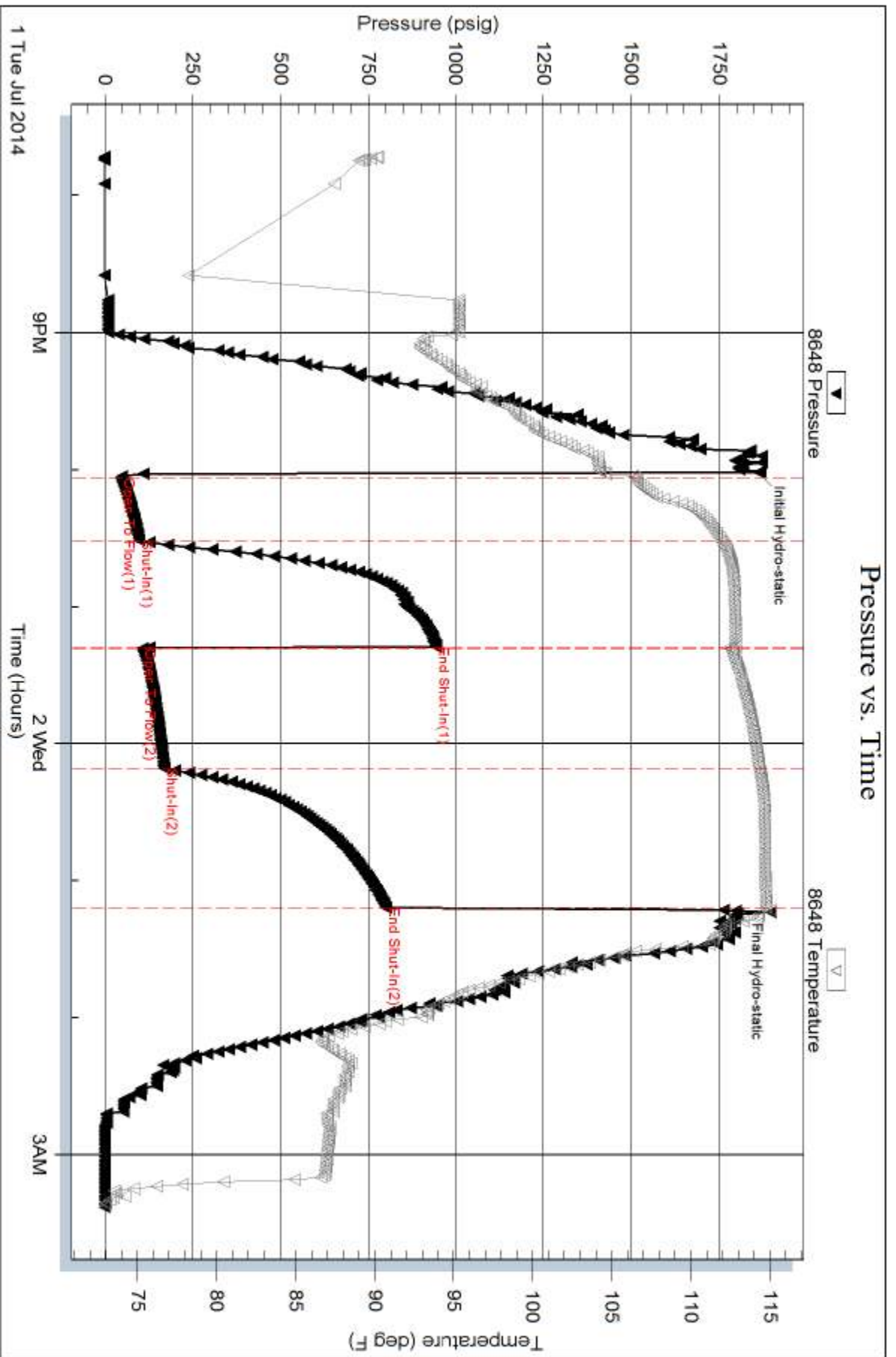
Length ft	Description	Volume bbl
186.00	MW, 20%M, 80%W	2.609
124.00	WM, 5%W, 95%M	1.739
20.00	VSOCM, 2%O, 98%M	0.281

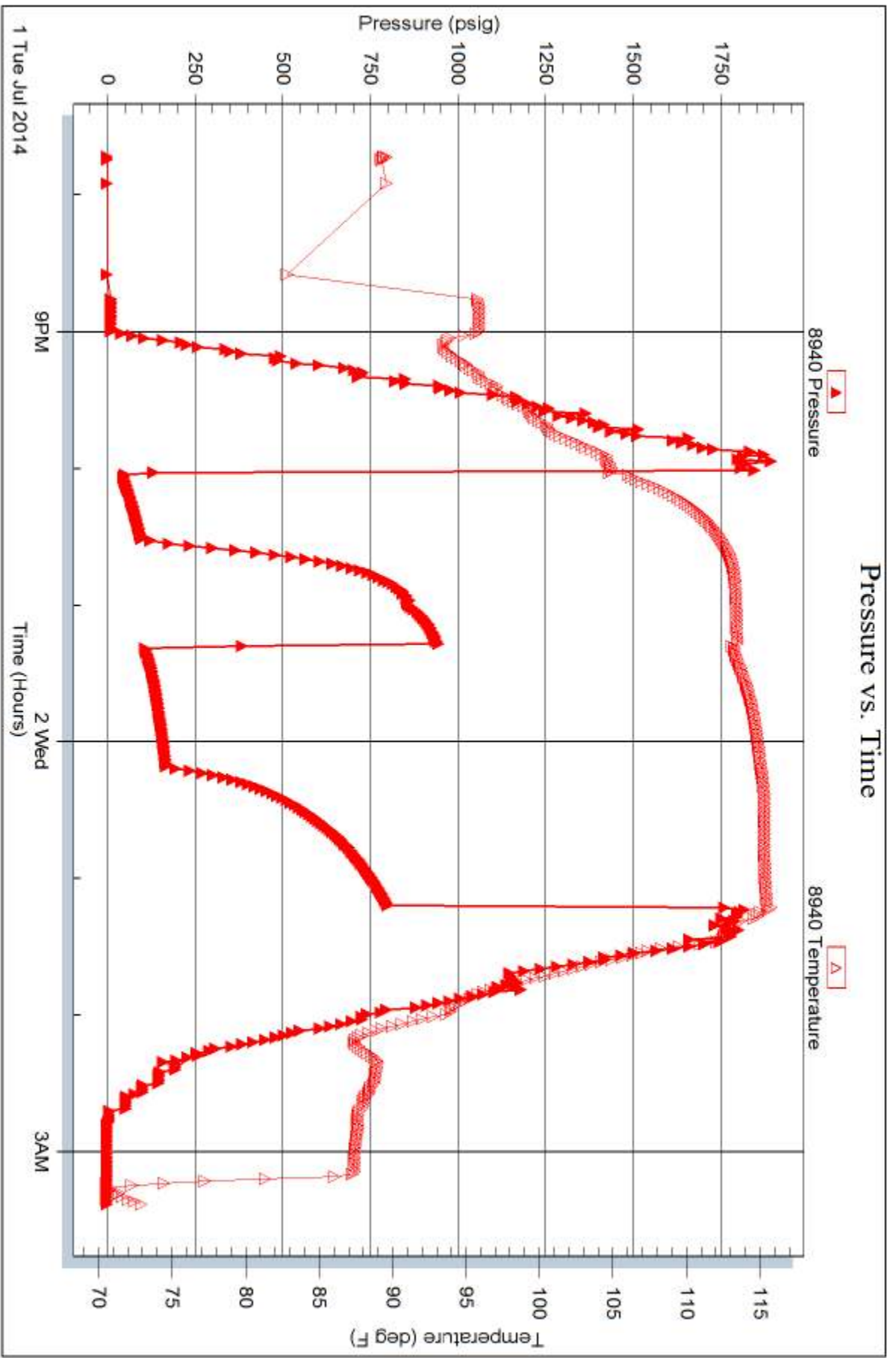
Total Length: 330.00 ft Total Volume: 4.629 bbl

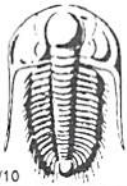
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: .15 @ 70 Degrees = 50,000







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54062

Well Name & No. Hammond #1 Test No. I Date 7-1-14
 Company Charter Energy Inc Elevation 2052 KB 2046 GL
 Address Po Box 252, Great Bend KS, 67530
 Co. Rep / Geo. Kurt Rig Royal #1
 Location: Sec. 13 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3719-3736 Zone Tested Arbuckle
 Anchor Length 17' Drill Pipe Run 3709' Mud Wt. 9.2
 Top Packer Depth 3714 Drill Collars Run - Vis 51
 Bottom Packer Depth 3719 Wt. Pipe Run - WL 12
 Total Depth 3736 Chlorides 5,700 ppm System LCM -

Blow Description IF-B.O.B. in 4 minutes
ISI - No return
FF - 7.5" blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>WM</u>			<u>50%</u>	<u>50%</u>
<u>5.5</u>	<u>Mud</u>			<u>100%</u>	

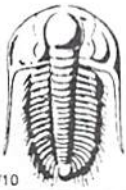
Rec Total 117' BHT 115° Gravity - API RW .14 @ 78° F Chlorides 43,000 ppm

(A) Initial Hydrostatic 1891 Test 1150 T-On Location 06:00
 (B) First Initial Flow 19 Jars - T-Started 0616
 (C) First Final Flow 40 Safety Joint - T-Open 0815
 (D) Initial Shut-In 909 Circ Sub - T-Pulled 1115
 (E) Second Initial Flow 45 Hourly Standby - T-Out 1252
 (F) Second Final Flow 66 Mileage 154RT 120rt 186 Comments Hotel
 (G) Final Shut-In 796 Sampler -
 (H) Final Hydrostatic 1827 Straddle - Ruined Shale Packer -

Initial Open 30 Shale Packer 250 Ruined Packer -
 Initial Shut-In 45 Extra Packer - Extra Copies -
 Final Flow 45 Extra Recorder - Sub Total 0
 Final Shut-In 60 Day Standby - Total 1586
 Accessibility - MP/DST Disc't -
 Sub Total 1586

Approved By _____ Our Representative Cody Blood

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54063

Well Name & No. Hammond #1 Test No. 2 Date 7-1-14
 Company Charter Energy Inc Elevation 2052 KB 2046 GL
 Address Po Box 252, Great Bend KS, 67530
 Co. Rep / Geo. Kurt Rig Royal #1
 Location: Sec. 13 Twp. 20s Rge. 16w Co. Pawnee State KS

Interval Tested 3734-3763 Zone Tested Arbuckle
 Anchor Length 29' Drill Pipe Run 3740' Mud Wt. 9.2
 Top Packer Depth 3729 Drill Collars Run - Vis 51
 Bottom Packer Depth 3734 Wt. Pipe Run - WL 12
 Total Depth 3763 Chlorides 5,700 ppm System LCM -

Blow Description IF - B.O.B. instantly
ISI - 2 1/2" return
FF - B.O.B. in 7 minutes, dying @ 25 minutes, died to surface blow
FSE - Surface return, died in 18 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>186</u>	<u>MW</u>			<u>80</u>	<u>20</u>
<u>124</u>	<u>WM</u>			<u>5</u>	<u>95</u>
<u>20</u>	<u>VSOCM</u>		<u>2</u>		<u>98</u>

Rec Total 330' BHT 114° Gravity - API RW .15 @ 70° F Chlorides 50,000 ppm

(A) Initial Hydrostatic 1862 Test 1150 T-On Location 1930
 (B) First Initial Flow 46 ~~1150~~ T-Started 1943
 (C) First Final Flow 97 Safety Joint - T-Open 2202
 (D) Initial Shut-In 943 Circ Sub - T-Pulled 0112
 (E) Second Initial Flow 107 Hourly Standby - T-Out 0323
 (F) Second Final Flow 168 Mileage 154 RT x 2 372 Comments Hotel
 (G) Final Shut-In 800 Sampler - Load tools 7-2-14 @
 (H) Final Hydrostatic 1797 Straddle - 1004
 Ruined Shale Packer -
 Ruined Packer -
 Extra Packer -
 Extra Recorder -
 Day Standby -
 Accessibility -
 Shale Packer 250
 Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1772
 Total 1772
 MP/DST Disc't -

Approved By _____ Our Representative Cody Bloodorn

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