



KANSAS CORPORATION COMMISSION 1082022
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- 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: _____



1082022

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

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

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 557

Date	12-30-11	Sec.	25	Twp.	20	Range	16	County	Pawnee	State	Ks	On Location		Finish	5:30pm
Lease	Manney	Well No.	#1		Location		Otis, Ks - 17 S, E/S								
Contractor	Royal #2		Owner												
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.	1065'											
Csg.	8 5/8"		Depth	1065'											
Tbg. Size			Depth	Street											
Tool			Depth	City State											
Cement Left in Csg.	40.80		Shoe Joint	40.80											
Meas Line			Displace	65 1/8 lbs											
			Charge To		Charter Energy										
			Cement Amount Ordered		400 SY Common 3% CL										

EQUIPMENT

Pumptrk	15 No.	Cementor Helper	Craig	2% Gel	Common
Bulktrk	12 No.	Driver	Mike		Poz. Mix
Bulktrk	p.u. No.	Driver	Rick		Gel.

JOB SERVICES & REMARKS

Remarks:	Manney #1	Calcium
Rat Hole		Hulls
Mouse Hole		Salt
Centralizers		Flowseal
Baskets		Kol-Seal
D/V or Port Collar		Mud CLR 48
Cement did Circulate.		CFL-117 or CD110 CAF 38
		Sand
		Handling
		Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	1 - Baffle plate
	1 - Rubber plug
	Pumptrk Charge
	Mileage

X Signature *W. Bud...*

Tax
Discount
Total Charge



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



Invoice

DATE	INVOICE #
1/7/2012	21584

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	#1	Mauney	Pawnee	Royal Drilling	Oil	Development	5-1/2" LongString	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				75	Miles	6.00	450.00
578D-L	Pump Charge - Long String - 3919 Feet				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
402-5	5 1/2" Centralizer				8	Each	70.00	560.00T
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				175	Sacks	13.50	2,362.50T
276	Flocele				50	Lb(s)	2.00	100.00T
283	Salt				900	Lb(s)	0.20	180.00T
284	Calseal				8	Sack(s)	35.00	280.00T
286	Halad-1 (Halad 9)				100	Lb(s)	7.50	750.00T
287	Gas Stop (2 LBS/SK)				350	Lb(s)	8.00	2,800.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				175	Sacks	2.00	350.00
583D	Drayage				699.38	Ton Miles	1.00	699.38
	Subtotal							11,376.88
	Sales Tax Pawnee County						8.30%	695.33

CK 5449
1-19-12

Thank You For Your Business In 2011! We Look Forward To Serving You In 2012!	Total	\$12,072.21
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CHARGE TO: CHARTER ENERGY
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 21584

PAGE 1 OF 2

SERVICE LOCATION: 1. Ness Cn Rk
 WELL PROJECT NO: #1
 LEASE: MANVEY
 COUNTY/PARISH: PAWSEE
 STATE: KS
 CITY: HOUSTON
 DATE: 1-7-12
 OWNER: SAME
 ORDER NO.:
 TICKET TYPE: SERVICE
 CONTRACTOR: ROYAL MADRID
 RIG NAME/NO.:
 WELL TYPE: OIL
 WELL CATEGORY: DEVELOPMENT
 JOB PURPOSE: 5 1/2" LOGSTRAK
 WELL PERMIT NO.:
 WELL LOCATION: Pawsee Roy Ks-3120, 1 1/2 N

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #	75	MI			6.00	450.00
578					PUMP CHARGE	1	NOB	3919	FT	1500.00	1500.00
221					LIQUID WCL	2	GM			25.00	50.00
281					MUDFLUSH	500	GM			1.25	625.00
402					COSTBARBERS	8	EA	5 1/2"		70.00	560.00
403					CENST BASKET	0	EA			250.00	
406					Breakdown Plug - Barfile	1	EA			250.00	250.00
407					Insert float shoe w/ Auto Fill	1	EA			350.00	350.00
419					POSTAGE HAND ASST	1	NOB			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: 1-7-12 TIME SIGNED: 1330
 A.M. P.M.

SWIFT OPERATOR: MARIE WHITSON APPROVAL:

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

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: 3785.00
 #2: 7591.88
 504 total 11,376.88
 TAX 695.33
 Invoice 6.3% 695.33
 TOTAL: 12,072.21

Thank You!



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

TICKET CONTINUATION

TICKET No. 21584

CUSTOMER: **CHRYSLER ENERGY** WELL: **MANNEY # 1** DATE: **1-7-12** PAGE: **2** OF: **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT	
		LOC	ACCT	DR			QTY	UM			QTY
325		1				STANDARD COMBT	EA-2	175	SRS	13.50	2362.50
276		1				FLOCELL		50	LBS	2.00	100.00
283		1				SALT		900	LBS	1.20	180.00
284		1				CAISSAL		8	SYS	35.00	280.00
286		1				HAWAN-1		100	LBS	7.50	750.00
287		1				GASSTOP		350	LBS	8.00	2800.00
290		1				D-ADD		2	GNL	35.00	70.00
						SERVICE CHARGE					
581		1				MILEAGE CHARGE					
583		1				TOTAL WEIGHT	LOADED MILES				
						18650	75				
						CUBIC FEET					
						175					
						TON MILES					
						699.38					
CONTINUATION TOTAL										7591.88	

JOB LOG

SWIFT Services, Inc.

DATE 1-7-12 PAGE NO. 1

CUSTOMER CHARTER ENERGY WELL NO. # 1 LEASE MAUNNEY JOB TYPE 5 1/2" LONGSTRING TICKET NO. 21584

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							ON LOCATION
	1745							START 5 1/2" CASING IN WELL
								TD - 3920' SET = 3919
								TP - 3919' 5 1/2" # 14
								ST - 21'
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 13, 15
								CEMENT BASKET - N/A
	1915							DROP BALL - CIRCULATE
	2000	7	12		✓		450	PUMP 500 GAL MUD FLUSH
	2002	7	20		✓		450	PUMP 20 BBL KCL FLUSH
	2010		7-5					PLUG RH (30SKS) MH (20SKS)
	2015	4 1/4	30		✓		250	MIX CEMENT - 125 SKS EA-2 @ 15.5 PPG
	2023							WASH OUT PUMP & LINES
	2024							RELEASE CATCH DOWN PLUG
	2027	7	0		✓			DISPLACE PLUG
	2040	6	95.1				1500	PLUG DOWN - PSE UP CATCH IN PLUG
	2042							OK RELEASE PSE - HELD
								WASH TRUCK
	2130							JOB COMPLETE

THANK YOU
WAYNE, JEFF, ROB



DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Jim Musgrove

Mauney #1

25-20s-16w Pawnee,KS

Start Date: 2012.01.05 @ 08:08:33

End Date: 2012.01.05 @ 16:14:18

Job Ticket #: 44712 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.21 @ 10:41:45



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

25-20s-16w Pawnee, KS

Mauney #1

Job Ticket: 44712

DST#: 1

Test Start: 2012.01.05 @ 08:08:33

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:40:48
Time Test Ended: 16:14:18
Interval: **3724.00 ft (KB) To 3797.00 ft (KB) (TVD)**
Total Depth: 3797.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 2087.00 ft (KB)
2080.00 ft (CF)
KB to GR/CF: 7.00 ft

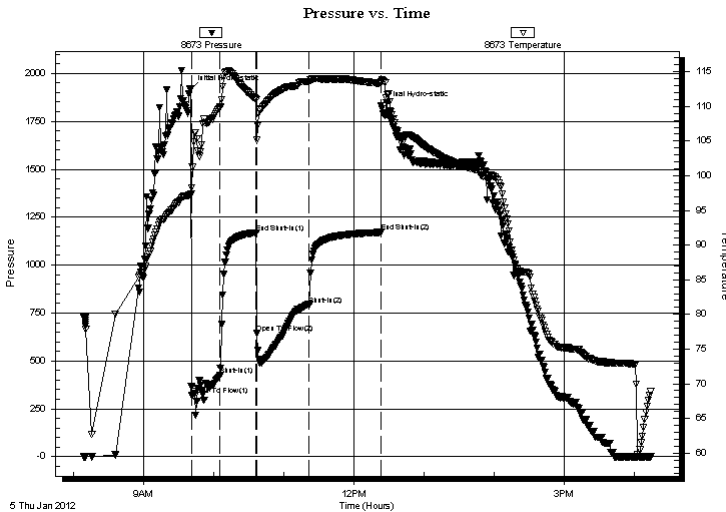
Serial #: 8673

Inside

Press @ Run Depth: 791.44 psig @ 3794.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.05 End Date: 2012.01.05 Last Calib.: 1899.12.30
Start Time: 08:08:35 End Time: 16:14:18 Time On Btm: 2012.01.05 @ 09:39:48
Time Off Btm: 2012.01.05 @ 12:22:48

TEST COMMENT: IFP-Strong, BOB in 30 Sec, Gas To Surface in 9 Min., Gauging Gas
ISI-Never Blow n Dow n
FFP-Gauging Gas
FSI-Blow dow n for 45 Min., Blow back BOB in 2 Min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1915.27	97.29	Initial Hydro-static
1	318.39	98.29	Open To Flow (1)
26	424.38	109.87	Shut-In(1)
57	1169.33	111.01	End Shut-In(1)
57	643.58	105.10	Open To Flow (2)
102	791.44	113.62	Shut-In(2)
163	1170.85	113.24	End Shut-In(2)
163	1832.14	113.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3306.00	Gassy Oil-30%G-70%O	46.37
150.00	VSOCMW-10%O-80%W-10%M	2.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	15.00	198.32
Last Gas Rate	0.13	25.00	14.75
Max. Gas Rate	0.13	25.00	14.75



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

25-20s-16w Pawnee,KS
Mauney #1
 Job Ticket: 44712 **DST#: 1**
 Test Start: 2012.01.05 @ 08:08:33

Tool Information

Drill Pipe:	Length: 3729.00 ft	Diameter: 3.80 inches	Volume: 52.31 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 52.31 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3724.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	73.00 ft				
Tool Length:	94.00 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			3704.00	
Shut In Tool	5.00			3709.00	
Hydraulic tool	5.00			3714.00	
Packer	5.00			3719.00	21.00 Bottom Of Top Packer
Packer	5.00			3724.00	
Stubb	1.00			3725.00	
Perforations	5.00			3730.00	
Change Over Sub	1.00			3731.00	
Blank Spacing	62.00			3793.00	
Change Over Sub	1.00			3794.00	
Recorder	0.00	8673	Inside	3794.00	
Recorder	0.00	8736	Outside	3794.00	
Bullnose	3.00			3797.00	73.00 Bottom Packers & Anchor

Total Tool Length: 94.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

25-20s-16w Pawnee,KS
Mauney #1
Job Ticket: 44712 **DST#: 1**
Test Start: 2012.01.05 @ 08:08:33

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 25000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.56 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3306.00	Gassy Oil-30%G-70%O	46.374
150.00	VSOCMW-10%O-80%W-10%M	2.104

Total Length: 3456.00 ft Total Volume: 48.478 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8673

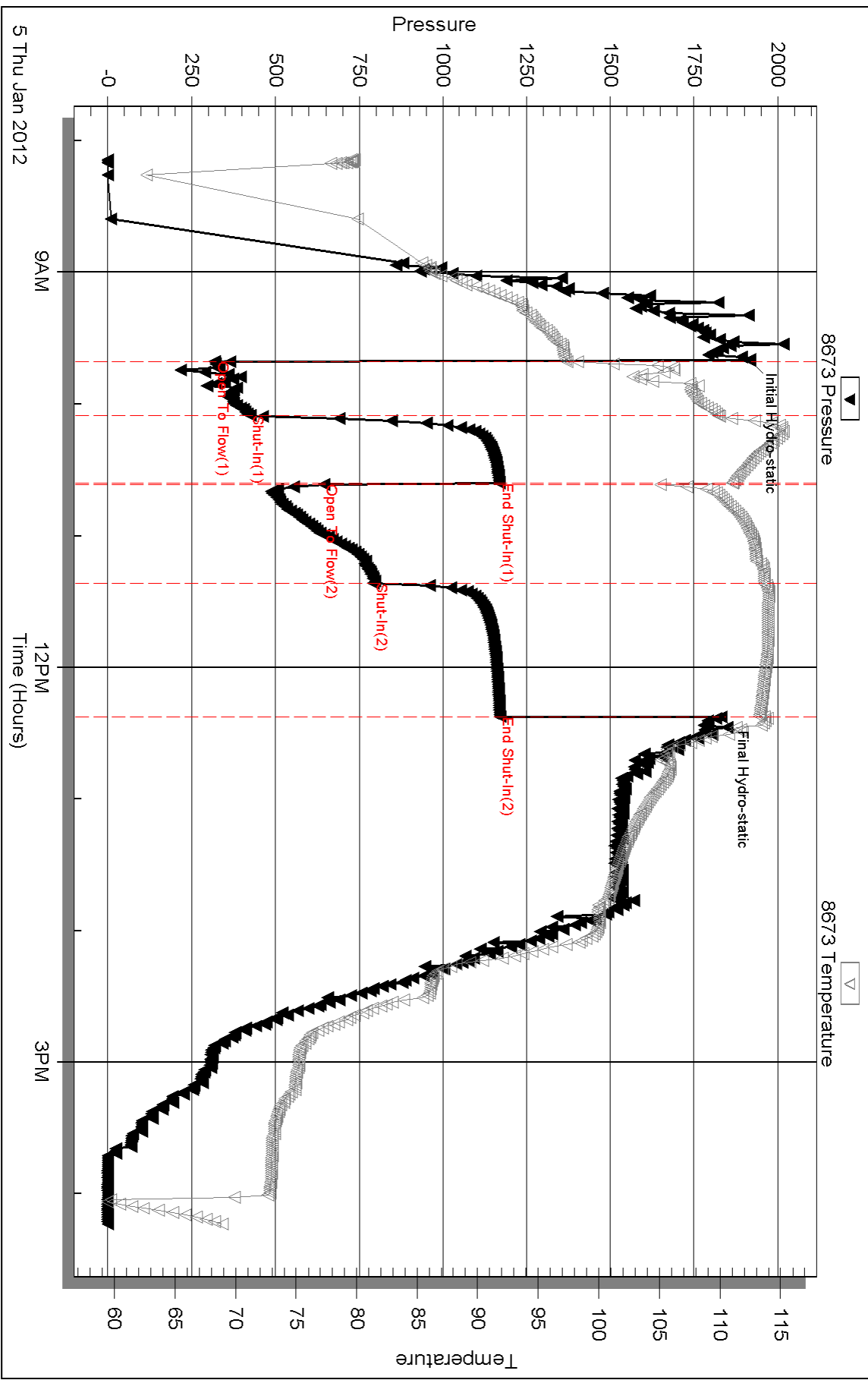
Inside

Charter Energy, Inc

Mauney #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44712

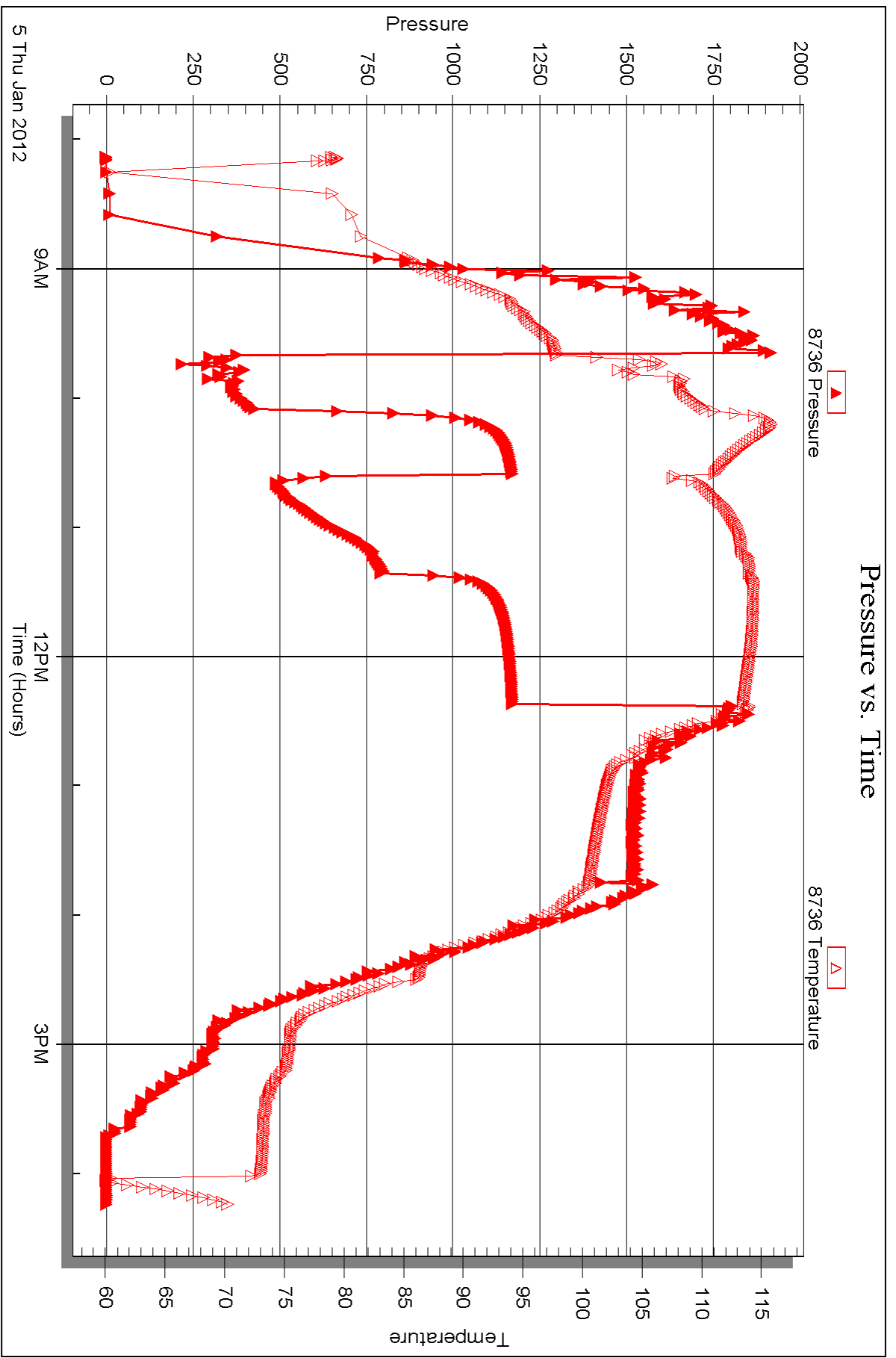
Printed: 2012.05.21 @ 10:41:47

Serial #: 8736

Outside Charter Energy, Inc

Mauney #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Jim Musgrove

Mauney #1

25-20s-16w Pawnee,KS

Start Date: 2012.01.05 @ 20:53:43

End Date: 2012.01.06 @ 06:34:13

Job Ticket #: 44714 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.21 @ 10:41:00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

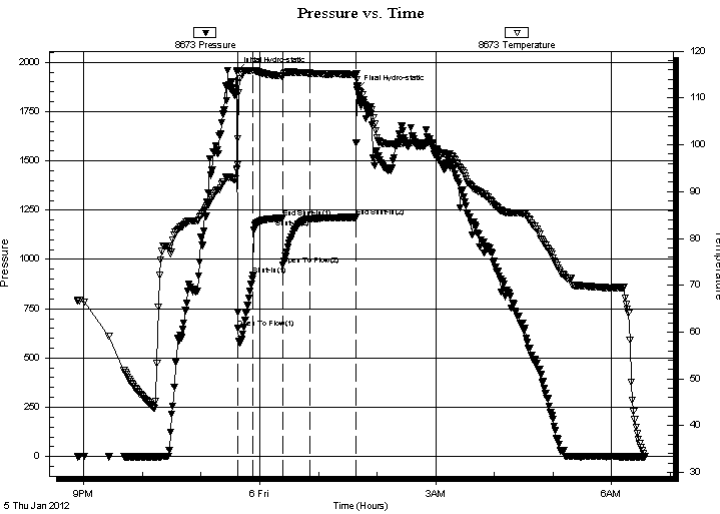
25-20s-16w Pawnee, KS
Mauney #1
Job Ticket: 44714 **DST#: 2**
Test Start: 2012.01.05 @ 20:53:43

GENERAL INFORMATION:

Formation:	Arbuckle				
Deviated:	No	Whipstock:	ft (KB)	Test Type:	Conventional Bottom Hole (Reset)
Time Tool Opened:	23:37:43			Tester:	Jason McLemore
Time Test Ended:	06:34:13			Unit No:	54
Interval:	3800.00 ft (KB) To	3812.00 ft (KB) (TVD)		Reference Elevations:	2087.00 ft (KB)
Total Depth:	3812.00 ft (KB) (TVD)				2080.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Good	KB to GR/CF:	7.00 ft

Serial #: 8673	Inside				
Press @ Run Depth:	1207.41 psig @	3806.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2012.01.05	End Date:	2012.01.06	Last Calib.:	2012.01.06
Start Time:	20:53:45	End Time:	06:34:13	Time On Btm:	2012.01.05 @ 23:36:43
				Time Off Btm:	2012.01.06 @ 01:39:28

TEST COMMENT: IFP-Strong, BOB in 30 Sec., Gas To Surface in 12 Min. Too Weak To Gauge
ISI-Blow back BOB in 1 Min.
FFP-Gauging Gas
Blow back BOB in 2 Min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.32	94.87	Initial Hydro-static
1	652.14	101.24	Open To Flow (1)
17	918.96	115.82	Shut-In(1)
47	1210.20	114.70	End Shut-In(1)
47	971.97	114.59	Open To Flow (2)
75	1207.41	115.33	Shut-In(2)
122	1214.25	114.95	End Shut-In(2)
123	1859.62	113.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
806.00	Gassy Oil-30%G-70%O	11.31
2294.00	Muddy Water-90%W-10%M	32.18

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	12.88
Last Gas Rate	0.13	30.00	16.62
Max. Gas Rate	0.13	30.00	16.62



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

25-20s-16w Pawnee, KS

Mauney #1

Job Ticket: 44714

DST#: 2

Test Start: 2012.01.05 @ 20:53:43

GENERAL INFORMATION:

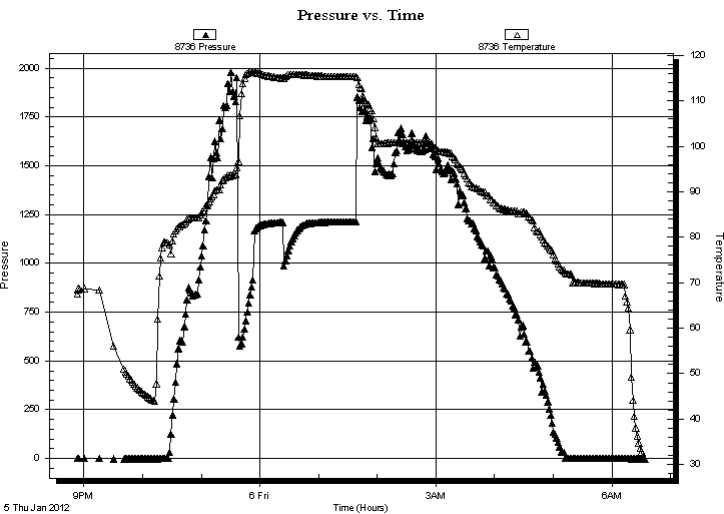
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:37:43
 Tester: Jason McLemore
 Time Test Ended: 06:34:13
 Unit No: 54
 Interval: **3800.00 ft (KB) To 3812.00 ft (KB) (TVD)**
 Reference Elevations: 2087.00 ft (KB)
 Total Depth: 3812.00 ft (KB) (TVD)
 2080.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 7.00 ft

Serial #: 8736

Outside

Press @ Run Depth: psig @ 3806.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2012.01.05
 End Date: 2012.01.06
 Last Calib.: 2012.01.06
 Start Time: 20:53:33
 End Time: 06:34:28
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Strong, BOB in 30 Sec., Gas To Surface in 12 Min. Too Weak To Gauge
 ISI-Blow back BOB in 1 Min.
 FFP-Gauging Gas
 Blow back BOB in 2 Min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
806.00	Gassy Oil-30%G-70%O	11.31
2294.00	Muddy Water-90%W-10%M	32.18

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	12.88
Last Gas Rate	0.13	30.00	16.62
Max. Gas Rate	0.13	30.00	16.62



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

25-20s-16w Pawnee,KS
Mauney #1
 Job Ticket: 44714 **DST#: 2**
 Test Start: 2012.01.05 @ 20:53:43

Tool Information

Drill Pipe:	Length: 3791.00 ft	Diameter: 3.80 inches	Volume: 53.18 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 53.18 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3800.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	33.00 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			3780.00	
Shut In Tool	5.00			3785.00	
Hydraulic tool	5.00			3790.00	
Packer	5.00			3795.00	21.00 Bottom Of Top Packer
Packer	5.00			3800.00	
Stubb	1.00			3801.00	
Perforations	5.00			3806.00	
Recorder	0.00	8673	Inside	3806.00	
Recorder	0.00	8736	Outside	3806.00	
Perforations	3.00			3809.00	
Bullnose	3.00			3812.00	12.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

25-20s-16w Pawnee,KS
Mauney #1
Job Ticket: 44714 **DST#: 2**
Test Start: 2012.01.05 @ 20:53:43

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 25000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.57 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

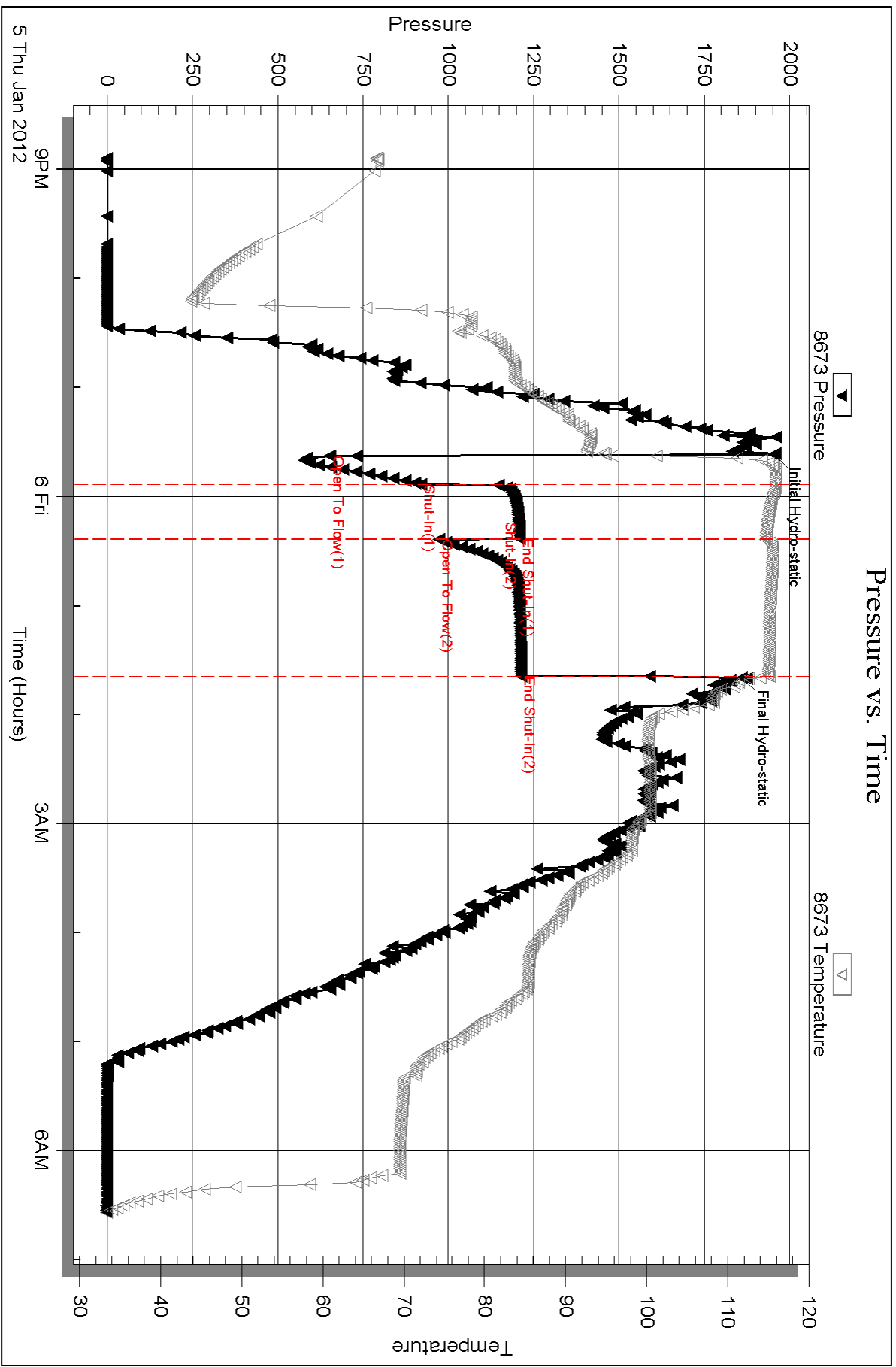
Length ft	Description	Volume bbl
806.00	Gassy Oil-30%G-70%O	11.306
2294.00	Muddy Water-90%W-10%M	32.179

Total Length: 3100.00 ft Total Volume: 43.485 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

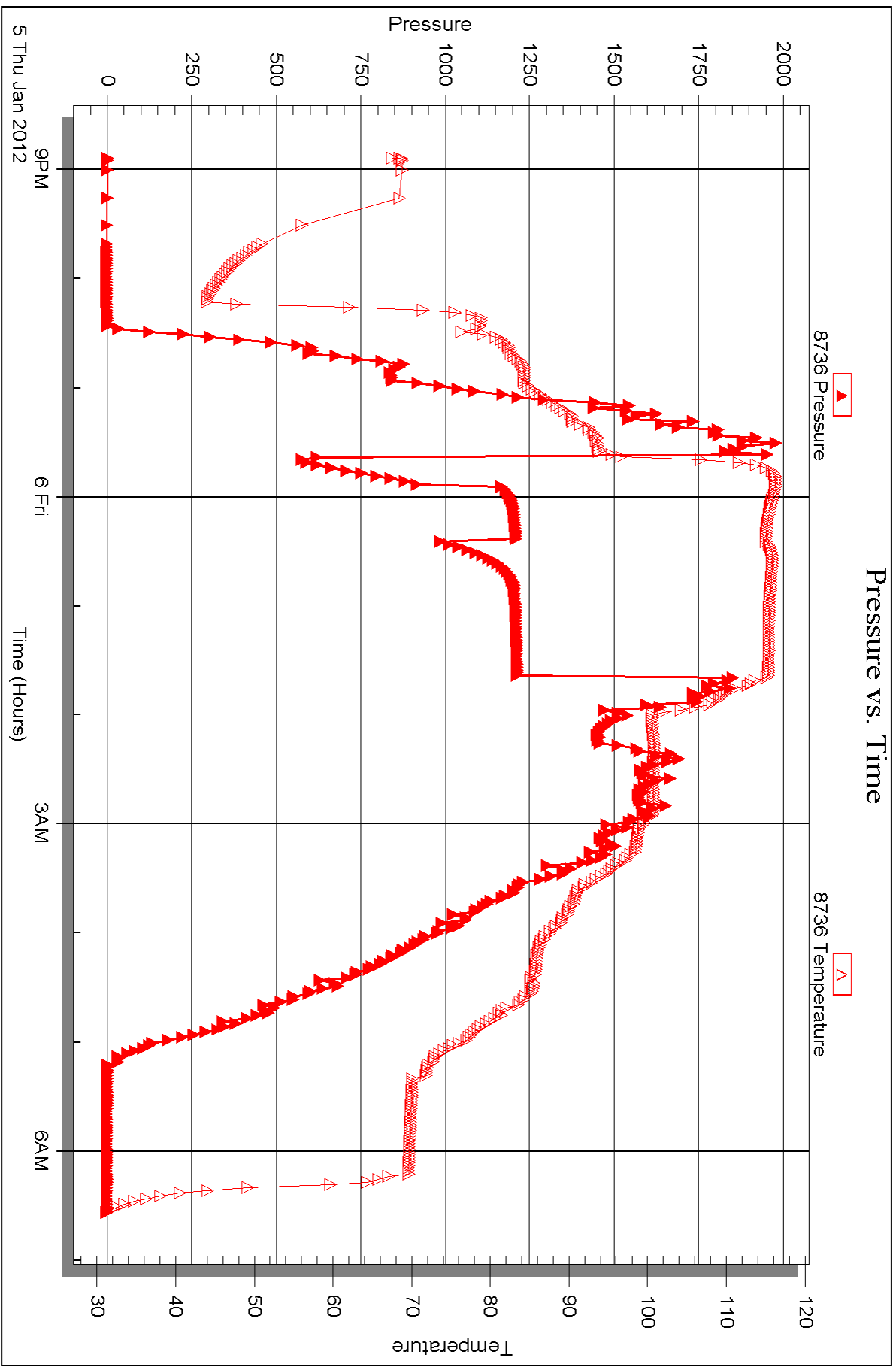


Serial #: 8736

Outside Charter Energy, Inc

Mauney #1

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Charter Energy, Inc**

PO Box 252
Great Bend, KS 67530

ATTN: Jim Musgrove

Mauney #1

25-20s-16w Pawnee,KS

Start Date: 2012.01.06 @ 12:32:57

End Date: 2012.01.06 @ 19:42:27

Job Ticket #: 44715 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.05.21 @ 10:40:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

25-20s-16w Pawnee, KS

Mauney #1

Job Ticket: 44715

DST#: 3

Test Start: 2012.01.06 @ 12:32:57

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:18:27
 Time Test Ended: 19:42:27
 Interval: **3816.00 ft (KB) To 3830.00 ft (KB) (TVD)**
 Total Depth: 3830.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2087.00 ft (KB)
 2080.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8673

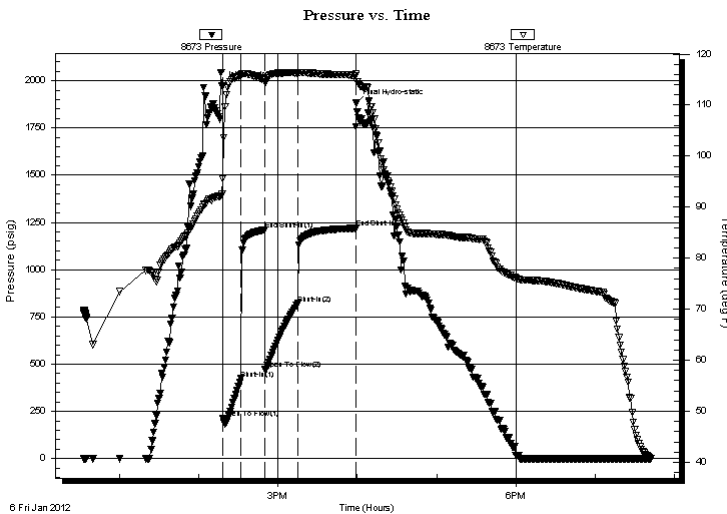
Inside

Press @ Run Depth: 821.30 psig @ 3827.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.06 End Date: 2012.01.06 Last Calib.: 2012.01.06
 Start Time: 12:32:59 End Time: 19:42:27 Time On Btm: 2012.01.06 @ 14:17:42
 Time Off Btm: 2012.01.06 @ 15:59:12

TEST COMMENT: IFP-Strong, BOB in 20 Seconds
 ISI-Blow back BOB in 9 Min.
 FFP-Strong, BOB in 30 Sec., Gas To Surface in 15 Min., Too Weak To Gauge
 FSI-Blow back BOB in 12 Min.

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.45	92.59	Initial Hydro-static
1	215.67	95.59	Open To Flow (1)
15	423.34	115.80	Shut-In(1)
33	1209.42	114.92	End Shut-In(1)
33	471.94	114.49	Open To Flow (2)
58	821.30	116.28	Shut-In(2)
101	1219.00	115.77	End Shut-In(2)
102	1881.03	115.77	Final Hydro-static



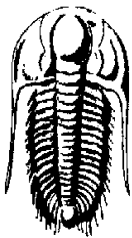
Recovery

Length (ft)	Description	Volume (bbl)
1380.00	Muddy Water-5%M-95%W	19.36
700.00	GHOCMW-15%G-45%O-35%W-5%M	9.82
120.00	GSOCWM-25%G-10%O-5%W-60%M	1.68

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

25-20s-16w Pawnee, KS

Mauney #1

Job Ticket: 44715

DST#: 3

Test Start: 2012.01.06 @ 12:32:57

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:18:27

Time Test Ended: 19:42:27

Interval: 3816.00 ft (KB) To 3830.00 ft (KB) (TVD)

Total Depth: 3830.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Reference Elevations: 2087.00 ft (KB)

2080.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8736 Outside

Press @ Run Depth: psig @ 3827.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.06

End Date: 2012.01.06

Last Calib.: 2012.01.06

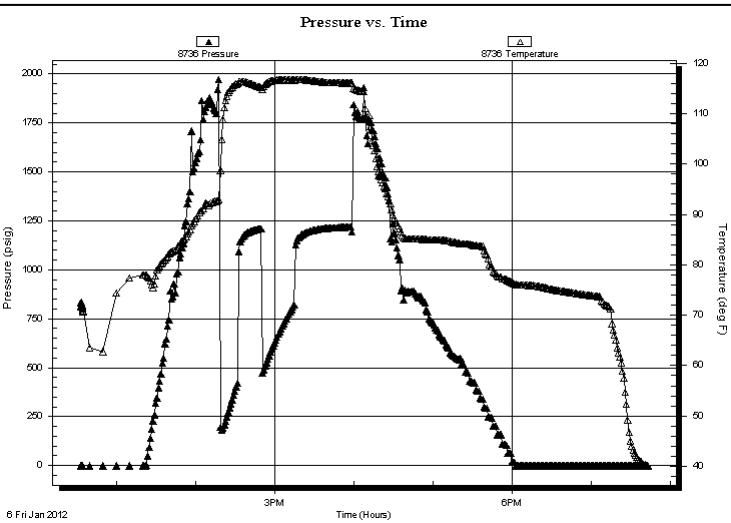
Start Time: 12:32:49

End Time: 19:42:43

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP-Strong, BOB in 20 Seconds
 ISI-Blow back BOB in 9 Min.
 FFP-Strong, BOB in 30 Sec., Gas To Surface in 15 Min., Too Weak To Gauge
 FSI-Blow back BOB in 12 Min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1380.00	Muddy Water-5%M-95%W	19.36
700.00	GHOCMW-15%G-45%O-35%W-5%M	9.82
120.00	GSOCWM-25%G-10%O-5%W-60%M	1.68

* 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
 A T T N : Jim Musgrove

25-20s-16w Pawnee,KS
Mauney #1
 Job Ticket: 44715 **DST#: 3**
 Test Start: 2012.01.06 @ 12:32:57

Tool Information

Drill Pipe:	Length: 3822.00 ft	Diameter: 3.80 inches	Volume: 53.61 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 53.61 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	43000.00 lb
Depth to Top Packer:	3816.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	14.00 ft				
Tool Length:	35.00 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			3796.00	
Shut In Tool	5.00			3801.00	
Hydraulic tool	5.00			3806.00	
Packer	5.00			3811.00	21.00 Bottom Of Top Packer
Packer	5.00			3816.00	
Stubb	1.00			3817.00	
Perforations	5.00			3822.00	
Perforations	5.00			3827.00	
Recorder	0.00	8673	Inside	3827.00	
Recorder	0.00	8736	Outside	3827.00	
Bullnose	3.00			3830.00	14.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

25-20s-16w Pawnee,KS
Mauney #1
Job Ticket: 44715 **DST#: 3**
Test Start: 2012.01.06 @ 12:32:57

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 25000 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.56 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 8000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1380.00	Muddy Water-5%M-95%W	19.358
700.00	GHOCMW-15%G-45%O-35%W-5%M	9.819
120.00	GSOCWM-25%G-10%O-5%W-60%M	1.683

Total Length: 2200.00 ft Total Volume: 30.860 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8673

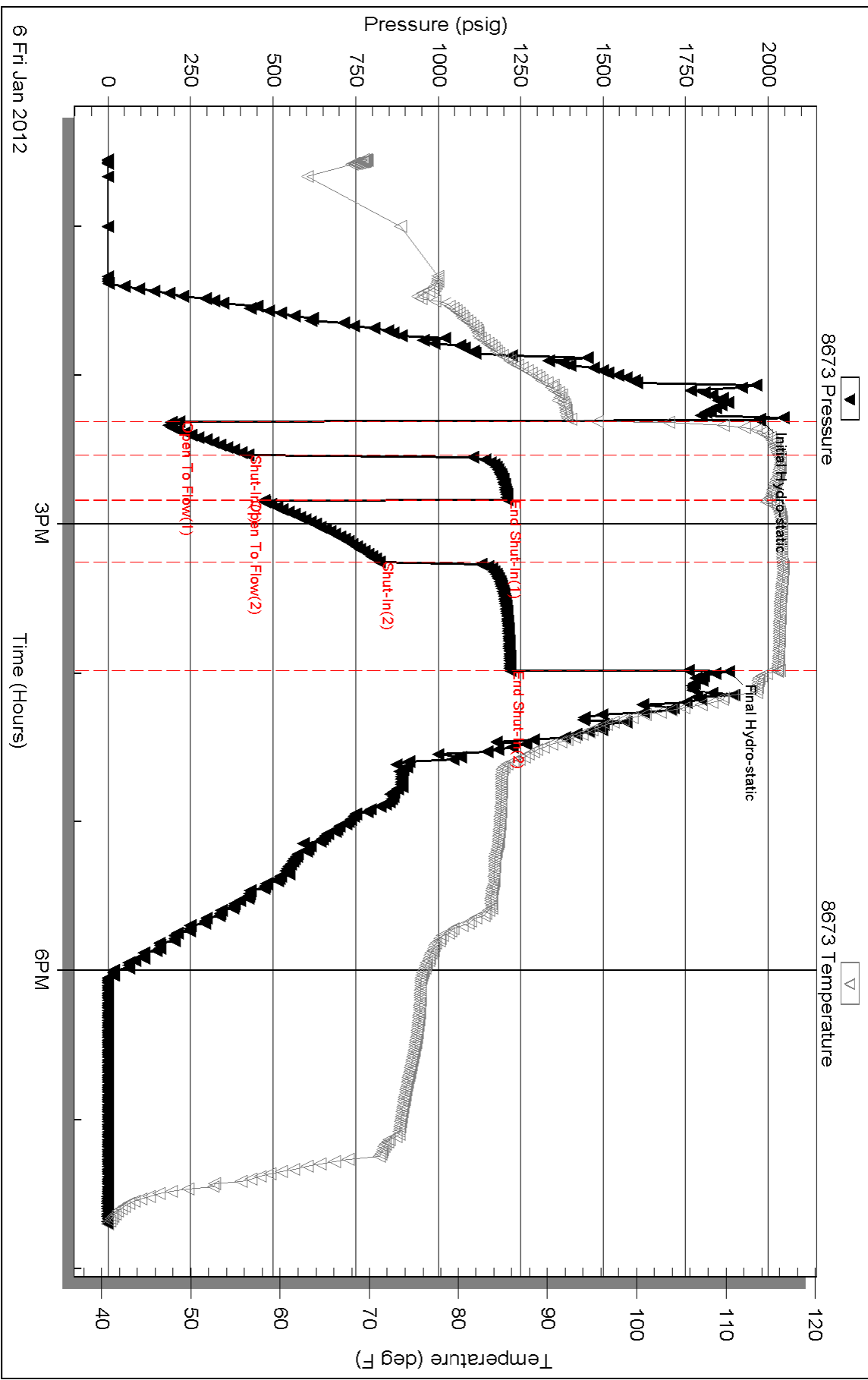
Inside

Charter Energy, Inc

Mauney #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44715

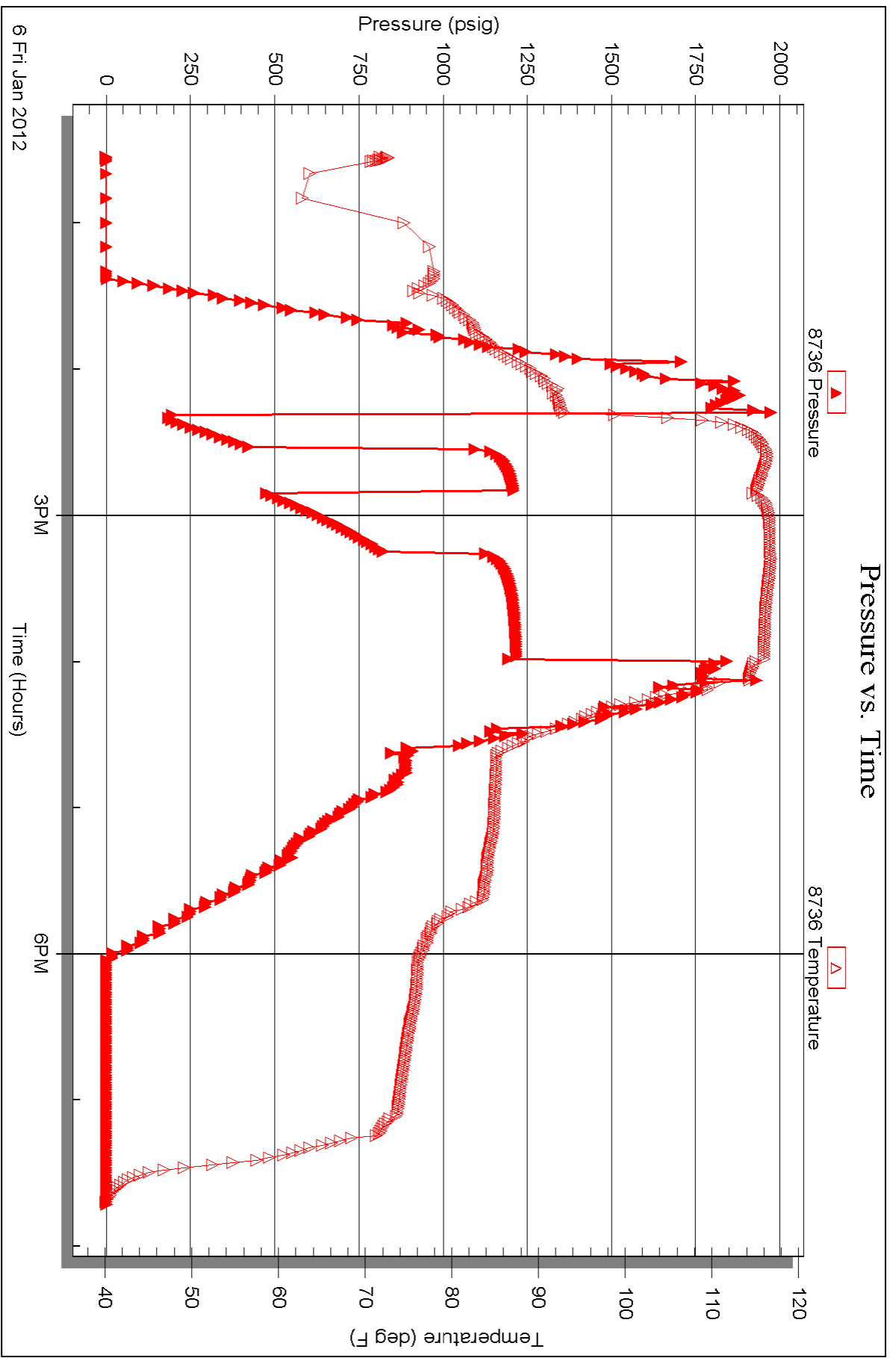
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Serial #: 8736

Outside Charter Energy, Inc

Mauney #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 44715

Printed: 2012.05.21 @ 10:40:20