



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

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 Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	CLAIR 4-26
Doc ID	1067448

All Electric Logs Run

DEN
IND
MICRO
SONIC
SPECTRAL

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 11, 2011

THOMAS G. FERTAL
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-165-21930-00-00
CLAIR 4-26
NE/4 Sec.26-16S-16W
Rush County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office at 303-731-4673.

Respectfully,
THOMAS G. FERTAL



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665
 PHONE: 785-324-1041 FAX: 785-483-1087
 EMAIL: cementing@ruraltel.net

Date: 7/22/2011
 Invoice # 5055

P.O.#:
 Due Date: 8/21/2011
 Division: Russell

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 3111 W. 10th Street
 Great Bend, KS 67503

DRLG COMP W/O LOB GG

Account	6200-138
Well/Prospect	CLAIR
Deck	
AFE	
Approval	<i>[Signature]</i>
Description	

Reference:
 CLAIR 4-26

Description of Work:
 LONG SURFACE

Services / Items Included:

	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No				
Common-Class A	370	\$ 4,764.78	Yes				
Bulk Truck Mat-Material Service Charge	390	\$ 823.33	No	8 5/8" Centralizer	1	\$67.56	No
Calcium Chloride	13	\$ 516.78	Yes				
8 5/8" Basket	3	\$ 1,000.67	No				
Pump Truck Mileage-Job to Nearest Camp	26	\$ 273.90	No				
Flo Seal	92	\$ 194.22	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	26	\$ 160.28	No				
Premium Gel (Bentonite)	7	\$ 120.29	Yes				
8 5/8" Top Rubber Plug	1	\$ 111.89	No				
Baffle Plate Aluminum, 8 5/8"	1	\$ 95.00	No				

Invoice Terms:

Net 30

	SubTotal:	\$ 9,092.53
	Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:	\$ (1,363.88)
<hr/>		
	SubTotal for Taxable Items:	\$ 4,756.66
	SubTotal for Non-Taxable Items:	\$ 2,971.99
<hr/>		
	Total:	\$ 7,728.65
	Tax:	\$ 299.67
<hr/>		
	Amount Due:	\$ 8,028.32
	Applied Payments:	
	Balance Due:	\$ 8,028.32

6.30% Rush County Sales Tax

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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Phone 785-483-2025
Cell 785-324-1041

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

No. 5055

Date	7-19-11	Sec.	26	Twp.	16	Range	16	County	Rush	State	Kansas	On Location		Finish	S.O.P.M.
Lease	Clair	Well No.	4-26		Location		Galatia 5 th Sinto								

Contractor	VAA Energy Rig 6	Owner	To Quality Oilwell Cementing, Inc.
Type Job	Surface	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 $\frac{1}{4}$	T.D.	1081
Csg.	8 $\frac{3}{8}$ 236	Depth	1081
Tbg. Size		Depth	
Tool	Baffle Plate	Depth	
Cement Left in Csg.		Shoe Joint	
Meas Line		Displace	164 Bbl
		Cement Amount Ordered	370 Common Ball

EQUIPMENT			
Pumptrk	5	No.	Cement Helper Steve
Bulktrk	13	No.	Driver Paul
Bulktrk		No.	Driver Carey
2 $\frac{1}{2}$ gal 3/16 Fl Seal per sk Common 370 Poz. Mix Gel. 7 Calcium 13			

JOB SERVICES & REMARKS	
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal 92#
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 390
	Mileage

Cement did Circulate

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer 3
	Baskets 3
	AFU Inserts
	Float Shoe
	Latch Down
	Baffle Plate
	Rubber Plug
	Pumptrk Charge Long Surface
	Mileage 26

X Signature	Tax
	Discount
	Total Charge



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/2/2011
 Invoice # 5258

P.O.#:
 Due Date: 9/1/2011
 Division: Russell

Invoice

Contact:
 Samuel Gary Jr & Associates Inc
Address/Job Location:
 Samuel Gary Jr & Associates Inc
 1815 11th Street
 Great Bend, KS 67530

DRLG COMP W/O LOE GG

Account	8300-238
Well/Prospect	CLAIR 4-26
Deck	
AFE	
Approval	<i>[Signature]</i>
Description	

Reference:
 CLAIR 4-26

Description of Work:
 PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 977.42	No	Pump Truck Mileage-Job to Nearest Camp	28	\$299.12	No
Common-Class A	225	\$ 2,938.31	Yes	Latch Down Plug & Baffle, 5 1/2"	1	\$239.77	Yes
Gilsonite	1057	\$ 1,697.15	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	28	\$175.04	No
CFL 117	176	\$ 1,160.51	Yes	Flo Seal	56	\$119.89	Yes
5 1/2" Basket	3	\$ 738.59	Yes	KCL	2	\$63.93	Yes
CD-110	117	\$ 500.96	Yes				
5 1/2" Turbolizer	8	\$ 496.68	Yes				
Bulk Truck Matl-Material Service Charge	225	\$ 481.69	No				
Defoamer A or CAF-38	50	\$ 374.65	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 327.55	Yes				
Salt (Fine)	19	\$ 283.92	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 10,875.17
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,631.28)

SubTotal for Taxable Items: \$ 7,600.62
 SubTotal for Non-Taxable Items: \$ 1,643.28

6.30% Rush County Sales Tax

Total: \$ 9,243.90
 Tax: \$ 478.84

Amount Due: \$ 9,722.73
Applied Payments:
Balance Due: \$ 9,722.73

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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Phone 785-483-2025
Cell 785-324-1041

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

No. 5258

Date	7/29/11	Sec.	26	Twp.	16	Range	16	County	Rush	State	KS	On Location	Finish	10:15AM
Lease	Clair	Well No.	4-26			Location Galatun S 1/2 W, S into								


Contractor	VAL #6	Owner	To Quality Oilwell Cementing, Inc.
Type Job	Production String	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size	7 7/8"	T.D.	3660'
Csg.	5 1/2" 15.50 #	Depth	3654'
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.	27'	Shoe Joint	27'
Meas Line		Displace	86 1/4 Bbls.
Charge To		Samuel Gary Jr. + Associates	
Street		City	
State		State	

The above was done to satisfaction and supervision of owner agent or contractor.
Cement Amount Ordered 225ex Q-Pro-C 10% Salt
5% Gilsonite, 1/4# per ex FloCel, 3% CD-110

EQUIPMENT			
Pumptrk	9	No.	Cement Helper Paul
Bulktrk	14	No.	Driver David
Bulktrk	PV	No.	Driver Matt
Common .8% CFL-117, .25% CAF-38			
Poz. Mix			
Gel.			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole 30 ex	Salt 19
Mouse Hole 20 ex	Flowseal 56 #
Centralizers 1, 3, 5, 7, 9, 11, 13, 15	Kol-Seal 1057
Baskets 3, 9, 15	Mud CLR 48 500 gal / 20 Bbls. KCL
D/V or Port Collar	CFL-117 or CD110 CAF 38 50 #
Est. Circ. - 1 hour	Sand CFL-117 176 #
Pump 500 gal Mud CLR - 48	Handling
Plug Rat / Mouse	Mileage 5 1/2
Mix 175 ex down 5 1/2"	FLOAT EQUIPMENT
Displace - first 20 Bbl. KCL	Guide Shoe
Lead Plug @ 1500 psi	Centralizer 3
Float Hold	Baskets 8 - Turbos
	AFU Inserts
	Float Shoe 1
	Latch Down 1
	Rotating Head
	Pumptrk Charge Prod Long String
	Mileage 28

Thank You!
X Signature 
Tax
Discount
Total Charge



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Associates**

1515 Wynkoop
Suite 700
Denver, CO. 80202

ATTN: Neil Sharp

26-16s-16w-Rush

Clair #4-26

Start Date: 2011.07.25 @ 03:00:58

End Date: 2011.07.25 @ 11:23:13

Job Ticket #: 43548 DST #: 1

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548

DST#: 1

Test Start: 2011.07.25 @ 03:00:58

GENERAL INFORMATION:

Formation: **A-C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:57:13

Time Test Ended: 11:23:13

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 54

Interval: 3248.00 ft (KB) To 3306.00 ft (KB) (TVD)

Reference Elevations: 1991.00 ft (KB)

Total Depth: 3306.00 ft (KB) (TVD)

1981.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673

Inside

Press @ Run Depth: 186.79 psig @ 3283.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.25 End Date: 2011.07.25

Last Calib.: 2011.07.25

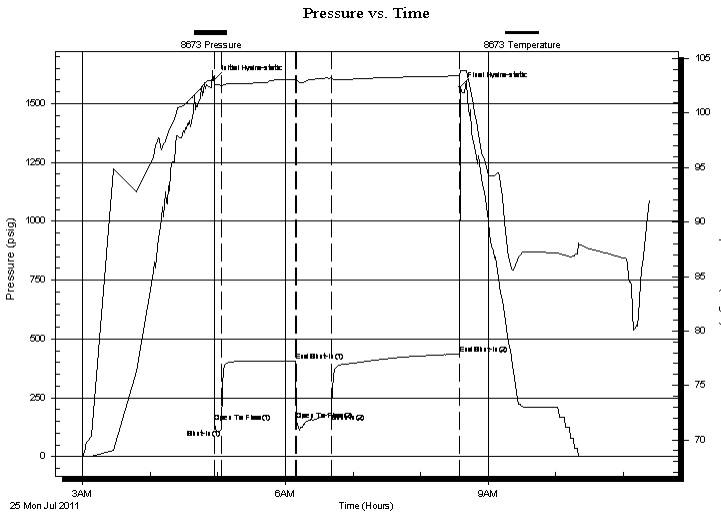
Start Time: 03:01:00 End Time: 11:23:13

Time On Btm: 2011.07.25 @ 04:56:58

Time Off Btm: 2011.07.25 @ 08:35:13

TEST COMMENT: IFP-Strong, BOB in 30 Seconds, Gas To Surface on Shut In
ISI-Blow back BOB in 25 Min.
FFP-Strong, BOB on Open, Gauging Gas
FSI-Blow back BOB in 70 Min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1600.40	103.17	Initial Hydro-static
1	146.05	102.43	Open To Flow (1)
7	115.90	102.49	Shut-In(1)
73	407.82	103.12	End Shut-In(1)
73	155.80	103.02	Open To Flow (2)
104	186.79	103.25	Shut-In(2)
218	434.95	103.41	End Shut-In(2)
219	1570.56	103.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	GOCM-20%G-55%O-25%M	1.19
300.00	Gassy Oil-25%G-75%O	4.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	15.00	107.70
Last Gas Rate	0.38	7.00	78.39
Max. Gas Rate	0.38	15.00	107.70



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548 **DST#: 1**

Test Start: 2011.07.25 @ 03:00:58

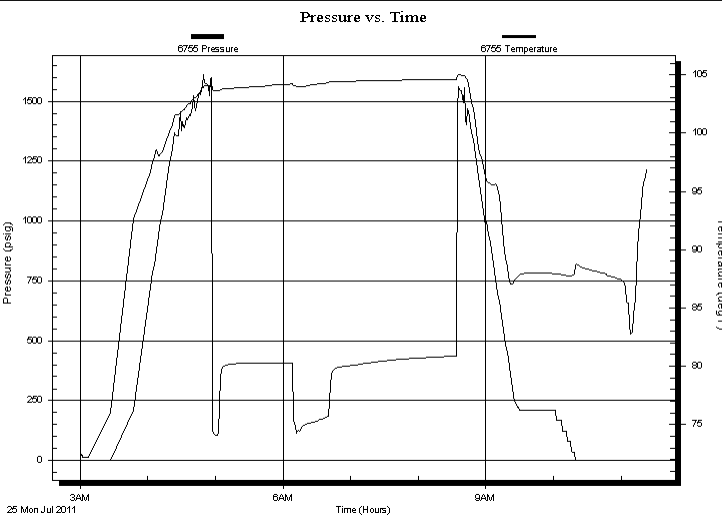
GENERAL INFORMATION:

Formation: **A-C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:57:13
 Time Test Ended: 11:23:13
 Interval: **3248.00 ft (KB) To 3306.00 ft (KB) (TVD)**
 Total Depth: 3306.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1991.00 ft (KB)
 1981.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6755 Outside

Press @RunDepth: psig @ 3283.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.25 End Date: 2011.07.25 Last Calib.: 2011.07.25
 Start Time: 03:00:30 End Time: 11:22:43 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Strong,BOB in 30 Seconds, Gas To Surface on Shut In
 ISI-Blow back BOB in 25 Min.
 FFP-Strong,BOB on Open, Gauging Gas
 FSI-Blow back BOB in 70 Min.



PRESSURE SUMMARY

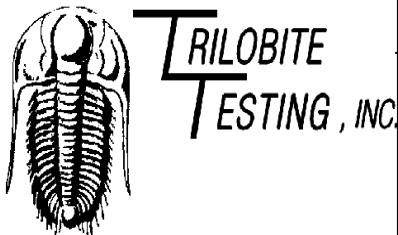
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
85.00	GOCM-20%G-55%O-25%M	1.19
300.00	Gassy Oil-25%G-75%O	4.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	15.00	107.70
Last Gas Rate	0.38	7.00	78.39
Max. Gas Rate	0.38	15.00	107.70



DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548 **DST#: 1**
Test Start: 2011.07.25 @ 03:00:58

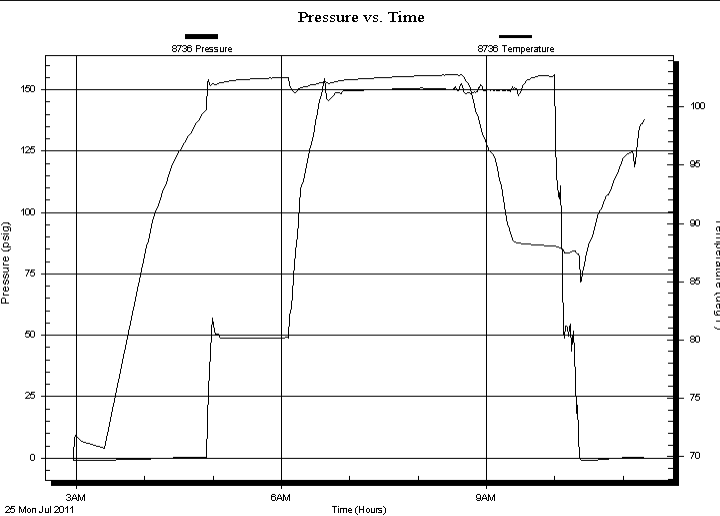
GENERAL INFORMATION:

Formation: A-C			
Deviated: No Whipstock:	ft (KB)	Test Type:	Conventional Bottom Hole
Time Tool Opened:	04:57:13	Tester:	Jason McLemore
Time Test Ended:	11:23:13	Unit No:	54
Interval:	3248.00 ft (KB) To 3306.00 ft (KB) (TVD)	Reference Elevations:	1991.00 ft (KB)
Total Depth:	3306.00 ft (KB) (TVD)		1981.00 ft (CF)
Hole Diameter:	7.80 inchesHole Condition: Good	KB to GR/CF:	10.00 ft

Serial #: 8736 Fluid

Press @RunDepth: psig @ 3214.00 ft (KB)	Capacity:	8000.00 psig
Start Date: 2011.07.25 End Date: 2011.07.25	Last Calib.:	2011.07.25
Start Time: 02:57:28 End Time: 11:19:26	Time On Btm:	
	Time Off Btm:	

TEST COMMENT: IFP-Strong,BOB in 30 Seconds,Gas To Surface on Shut In
ISI-Blow back BOB in 25 Min.
FFP-Strong,BOB on Open,Gauging Gas
FSI-Blow back BOB in 70 Min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
85.00	GOCM-20%G-55%O-25%M	1.19
300.00	Gassy Oil-25%G-75%O	4.21

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	15.00	107.70
Last Gas Rate	0.38	7.00	78.39
Max. Gas Rate	0.38	15.00	107.70



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548

DST#: 1

Test Start: 2011.07.25 @ 03:00:58

Tool Information

Drill Pipe:	Length: 3220.00 ft	Diameter: 3.80 inches	Volume: 45.17 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:	60000.00 lb
			<u>Total Volume: 45.17 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3248.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	58.00 ft				
Tool Length:	92.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8736	Fluid	3214.00	
Change Over Sub	5.00			3219.00	
Shut In Tool	5.00			3224.00	
Sampler	2.00			3226.00	
Hydraulic tool	5.00			3231.00	
Jars	5.00			3236.00	
Safety Joint	2.00			3238.00	
Packer	5.00			3243.00	34.00 Bottom Of Top Packer
Packer	5.00			3248.00	
Stubb	1.00			3249.00	
Perforations	1.00			3250.00	
Change Over Sub	1.00			3251.00	
Blank Spacing	31.00			3282.00	
Change Over Sub	1.00			3283.00	
Recorder	0.00	8673	Inside	3283.00	
Recorder	0.00	6755	Outside	3283.00	
Perforations	20.00			3303.00	
Bullnose	3.00			3306.00	58.00 Bottom Packers & Anchor

Total Tool Length: 92.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548

DST#: 1

Test Start: 2011.07.25 @ 03:00:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
85.00	GOCM-20%G-55%O-25%M	1.192
300.00	Gassy Oil-25%G-75%O	4.208

Total Length: 385.00 ft Total Volume: 5.400 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-275#, 1 cubic foot gas



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43548

DST#: 1

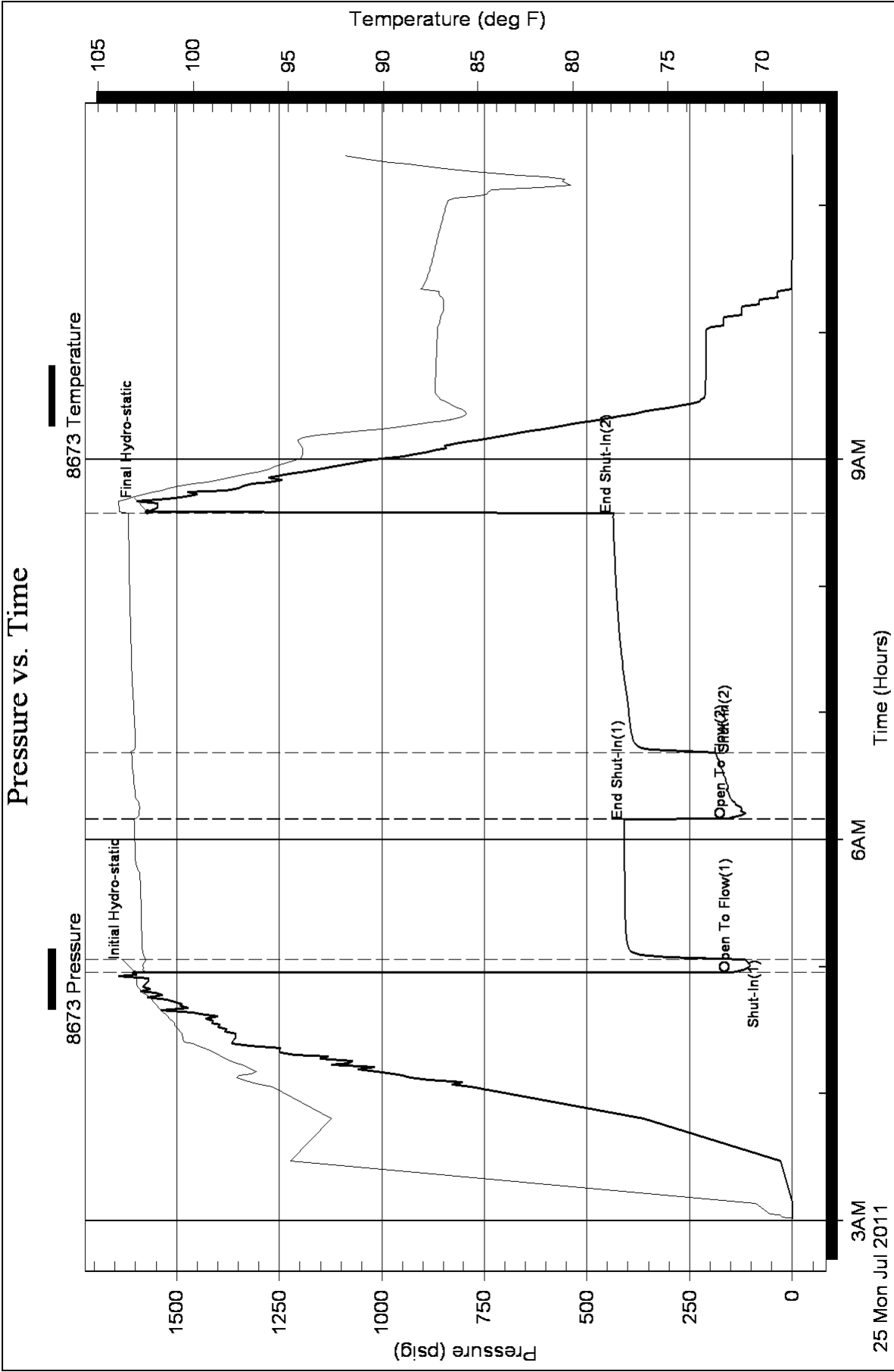
Test Start: 2011.07.25 @ 03:00:58

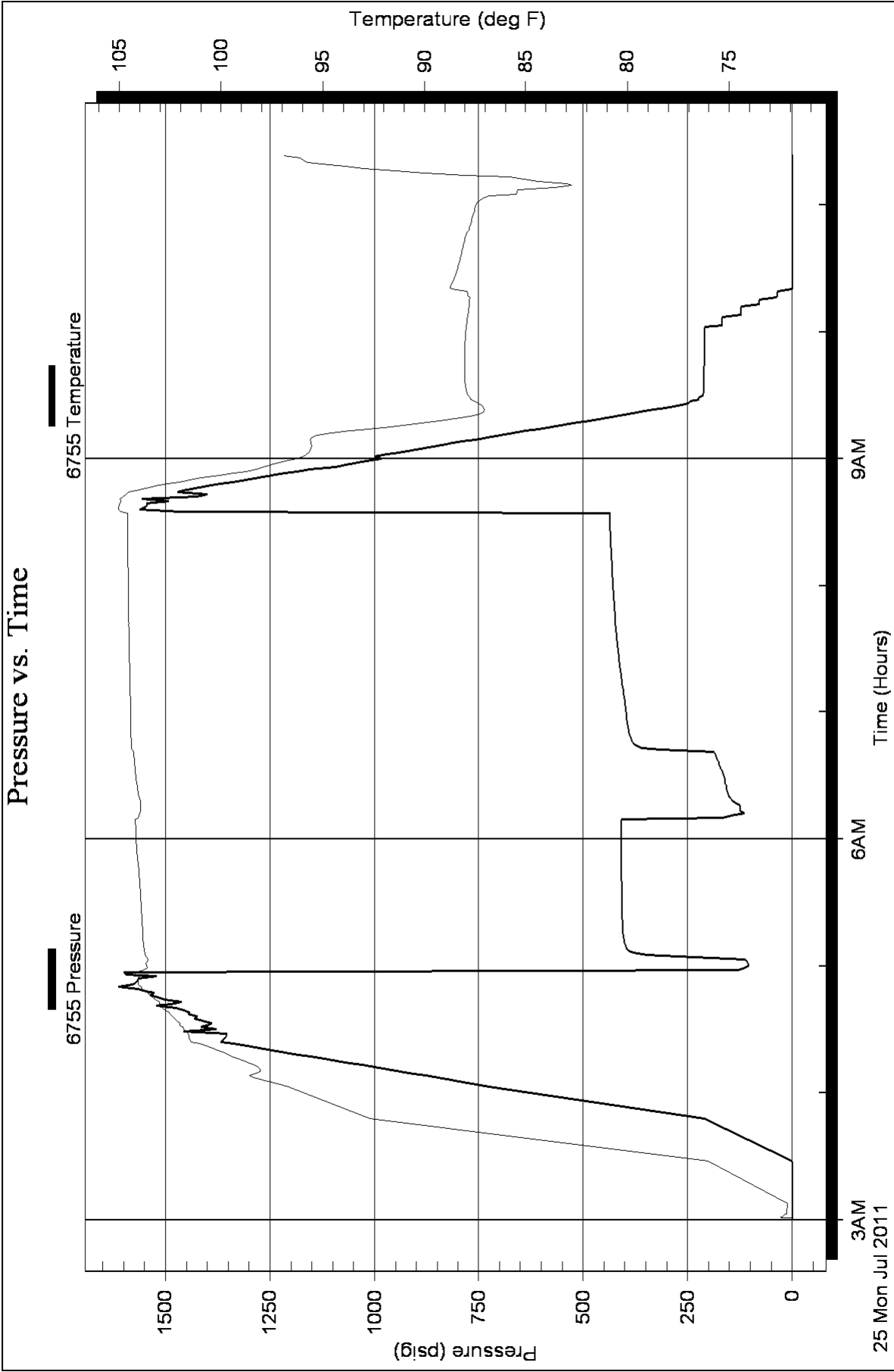
Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.38	15.00	107.70
2	20	0.38	9.00	85.72
2	30	0.38	7.00	78.39





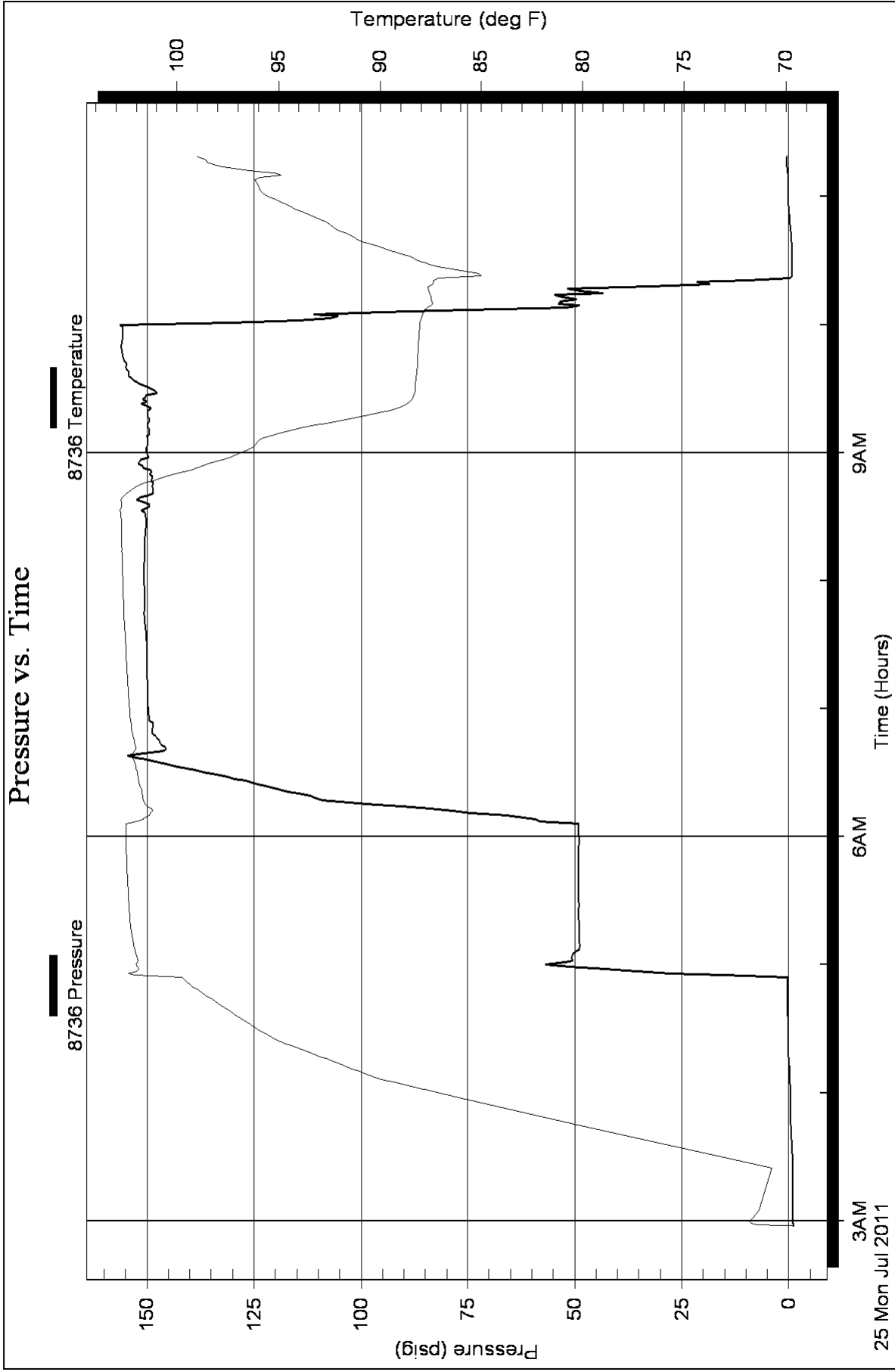
Serial #: 8736

Fluid

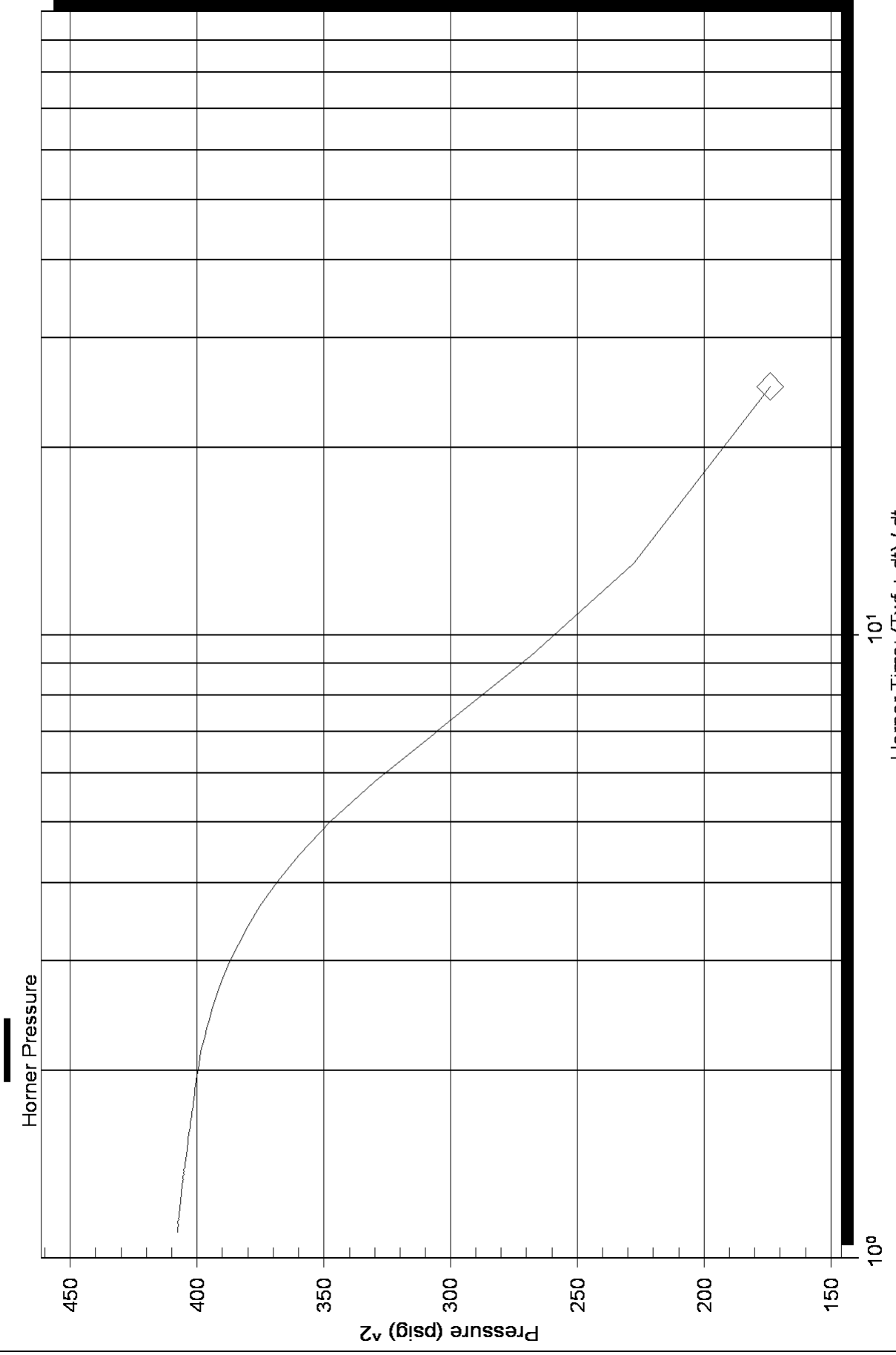
Samuel Gary Jr. & Associates

26-16s-16w - Rush

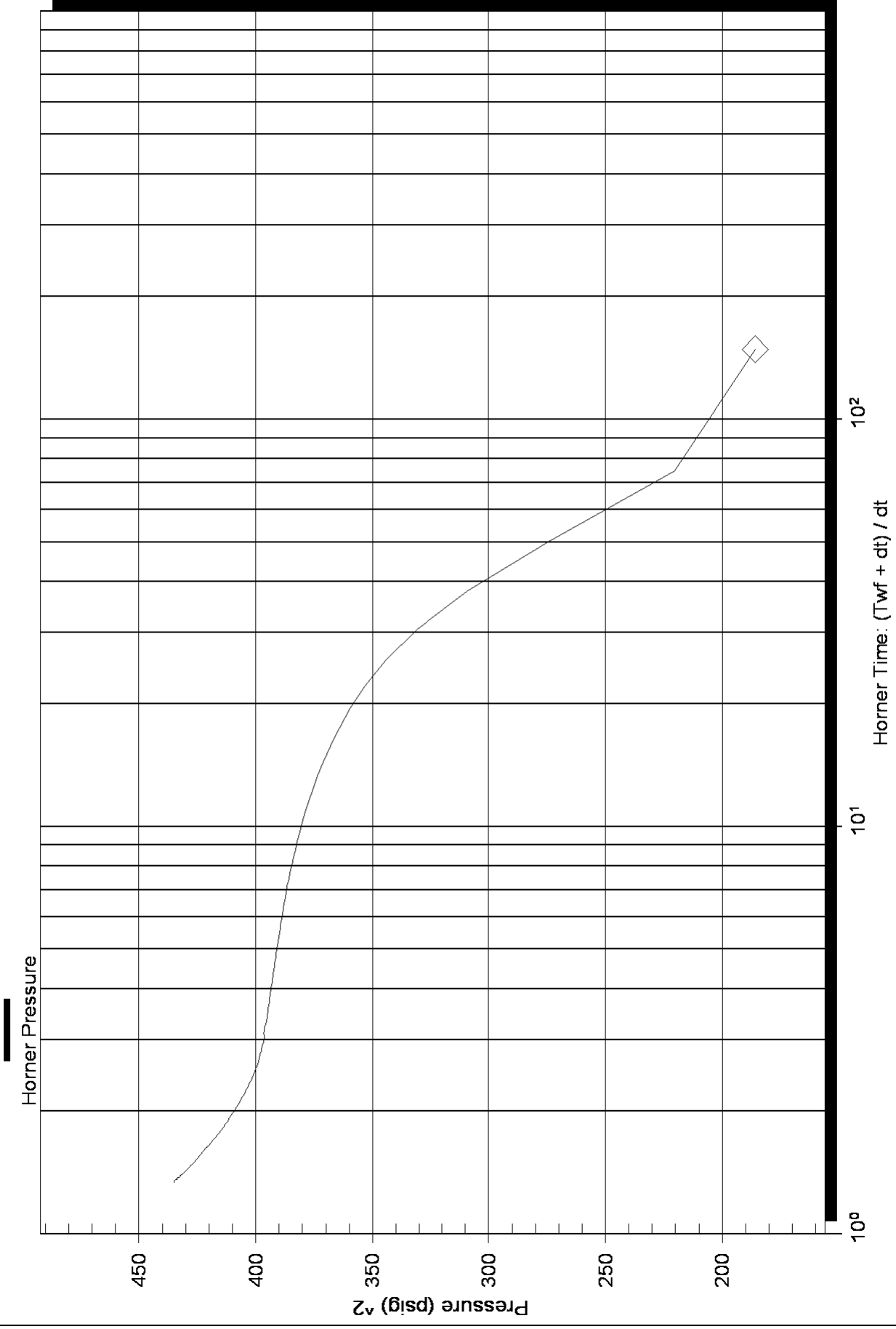
DST Test Number: 1



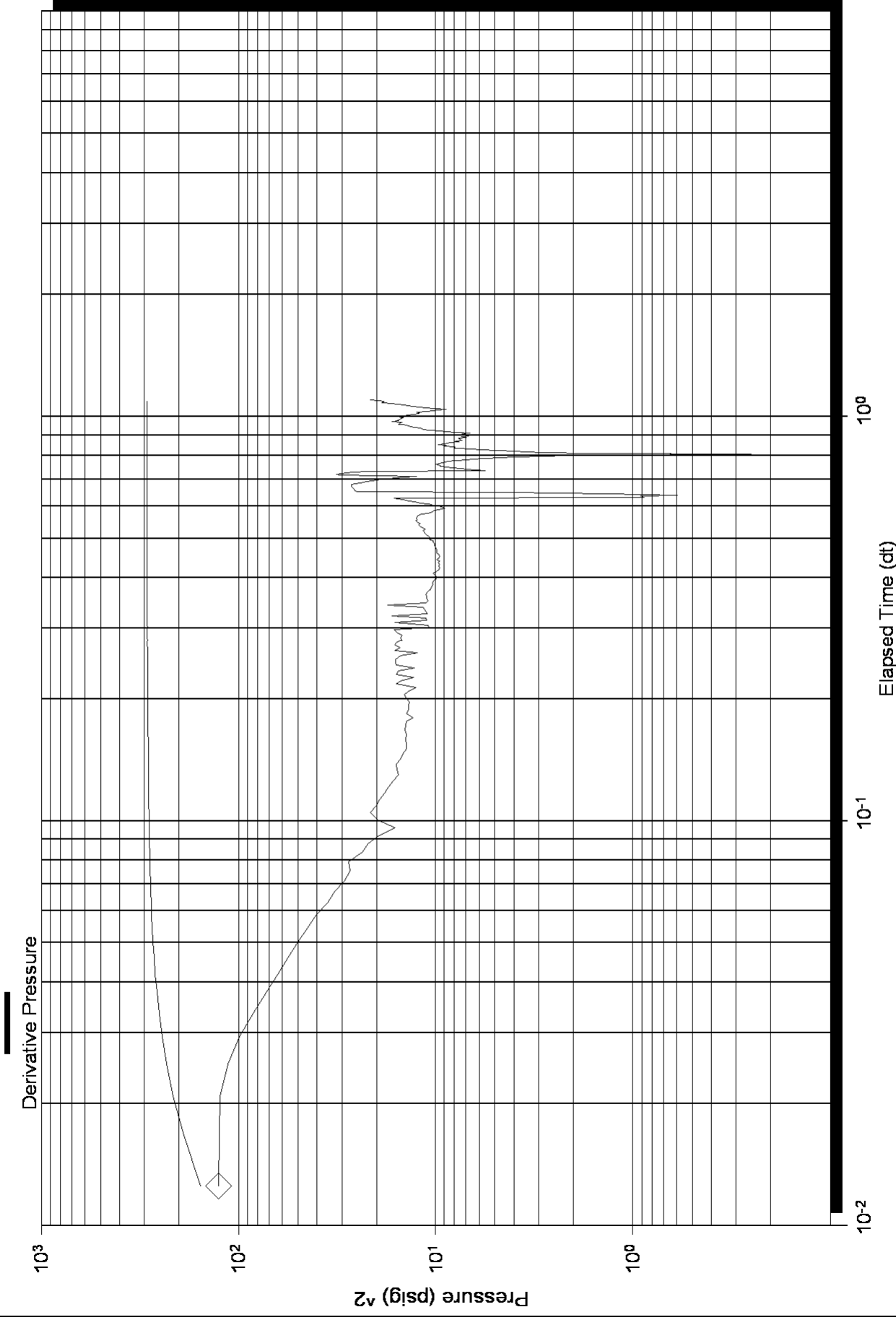
Homer Plot



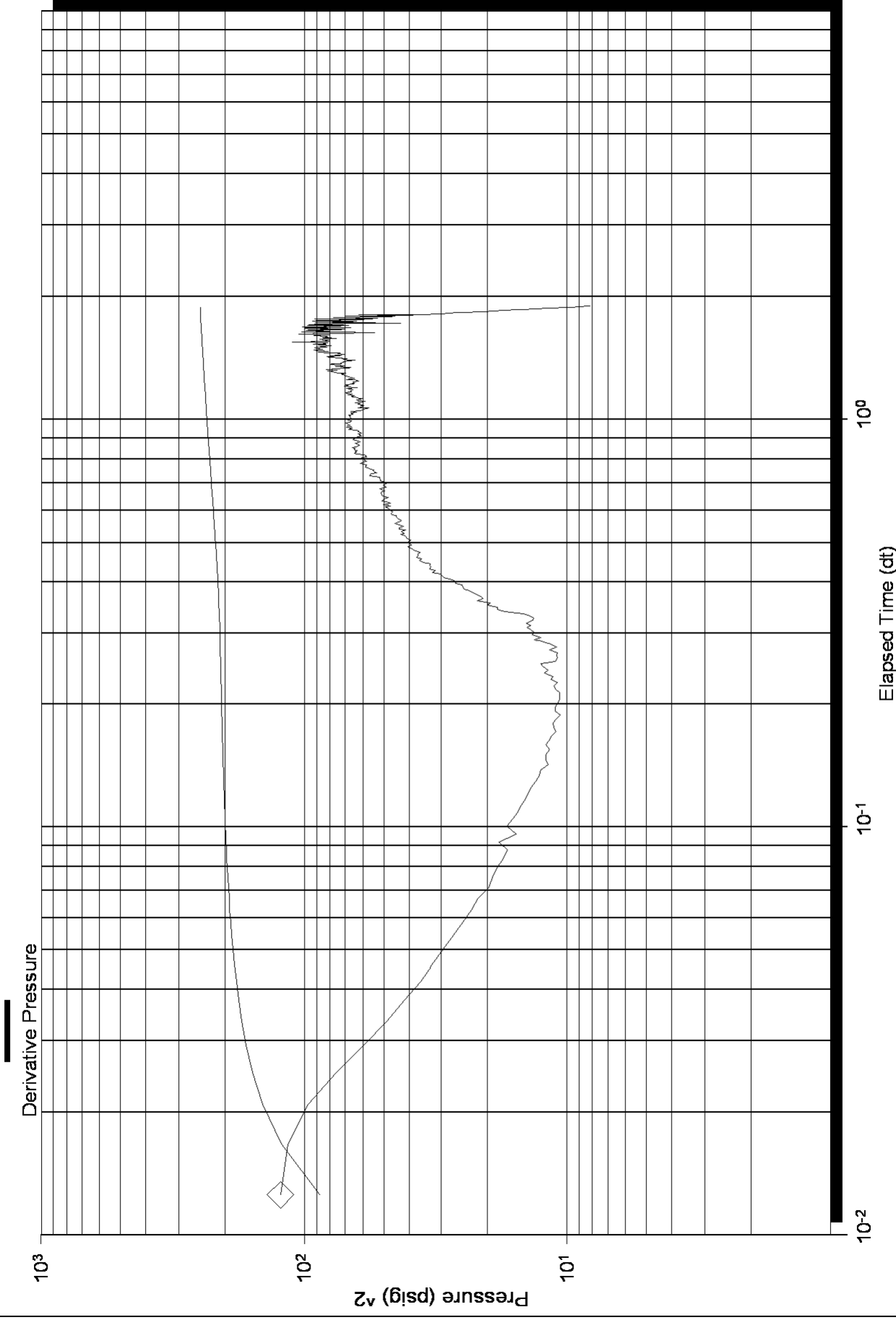
Homer Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Associates**

1515 Wynkoop
Suite 700
Denver, CO. 80202

ATTN: Neil Sharp

26-16s-16w-Rush

Clair #4-26

Start Date: 2011.07.25 @ 20:00:39

End Date: 2011.07.26 @ 03:36:24

Job Ticket #: 549 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 549

DST#: 2

Test Start: 2011.07.25 @ 20:00:39

GENERAL INFORMATION:

Formation: **D**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:45:39
 Time Test Ended: 03:36:24
 Interval: **3309.00 ft (KB) To 3324.00 ft (KB) (TVD)**
 Total Depth: 3324.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1991.00 ft (KB)
 1981.00 ft (CF)
 KB to GR/CF: 10.00 ft

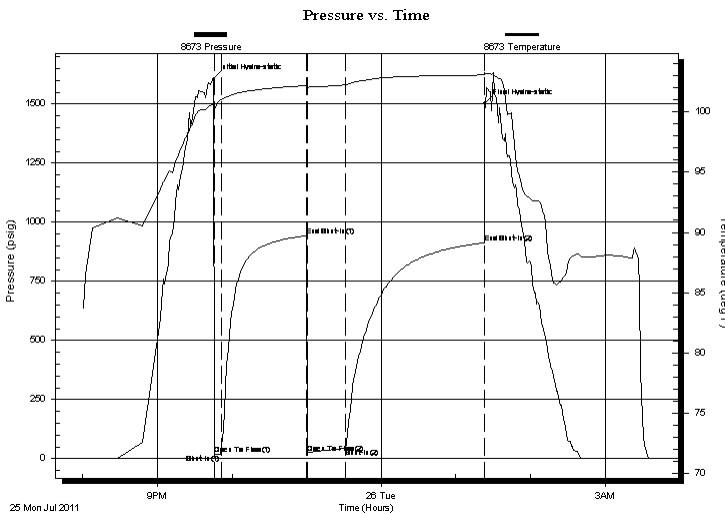
Serial #: 8673

Inside

Press @ Run Depth: 44.52 psig @ 3311.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.25 End Date: 2011.07.26 Last Calib.: 2011.07.26
 Start Time: 20:00:41 End Time: 03:36:24 Time On Btm: 2011.07.25 @ 21:45:09
 Time Off Btm: 2011.07.26 @ 01:23:24

TEST COMMENT: IFP-Strong, BOB in 2 Min., 45 Sec.
 ISI-Dead
 FFP-Strong, BOB in 1 Min.
 FSI-Blow back Built to 2"

PRESSURE SUMMARY



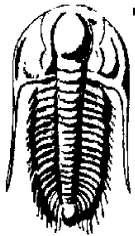
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.21	100.60	Initial Hydro-static
1	20.56	99.55	Open To Flow (1)
6	20.49	101.00	Shut-In(1)
75	942.61	102.18	End Shut-In(1)
76	24.37	101.94	Open To Flow (2)
107	44.52	102.27	Shut-In(2)
218	913.38	103.07	End Shut-In(2)
219	1503.35	103.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
95.00	MCO-75%O-25%M	1.33
0.00	900' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

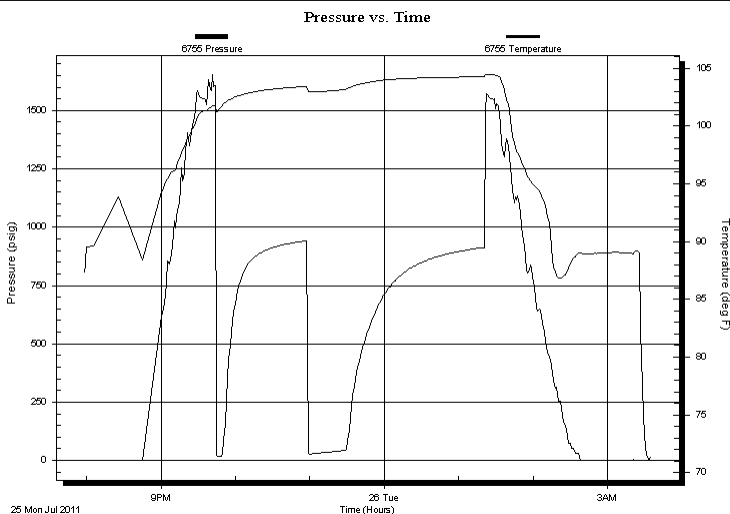
Job Ticket: 549 **DST#: 2**
Test Start: 2011.07.25 @ 20:00:39

GENERAL INFORMATION:

Formation: D					
Deviated: No Whipstock: ft (KB)		Test Type: Conventional Bottom Hole			
Time Tool Opened: 21:45:39		Tester: Jason McLemore			
Time Test Ended: 03:36:24		Unit No: 54			
Interval: 3309.00 ft (KB) To 3324.00 ft (KB) (TVD)		Reference Elevations: 1991.00 ft (KB)			
Total Depth: 3324.00 ft (KB) (TVD)		1981.00 ft (CF)			
Hole Diameter: 7.80 inches	Hole Condition: Good	KB to GR/CF: 10.00 ft			

Serial #: 6755	Outside				
Press @ Run Depth: psig @ 3311.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2011.07.25	End Date: 2011.07.26	Last Calib.: 2011.07.26			
Start Time: 19:58:25	End Time: 03:34:38	Time On Btm:			
		Time Off Btm:			

TEST COMMENT: IFP-Strong, BOB in 2 Min., 45 Sec.
ISI-Dead
FFP-Strong, BOB in 1 Min.
FSI-Blow back Built to 2"



PRESSURE SUMMARY

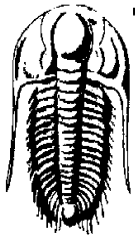
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
95.00	MCO-75%O-25%M	1.33
0.00	900' Gas In Pipe	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
 Suite 700
 Denver, CO. 80202
 ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 549

DST#: 2

Test Start: 2011.07.25 @ 20:00:39

GENERAL INFORMATION:

Formation: **D**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 21:45:39
 Time Test Ended: 03:36:24

Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54

Interval: 3309.00 ft (KB) To 3324.00 ft (KB) (TVD)
 Total Depth: 3324.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1991.00 ft (KB)
 1981.00 ft (CF)
 KB to GR/CF: 10.00 ft

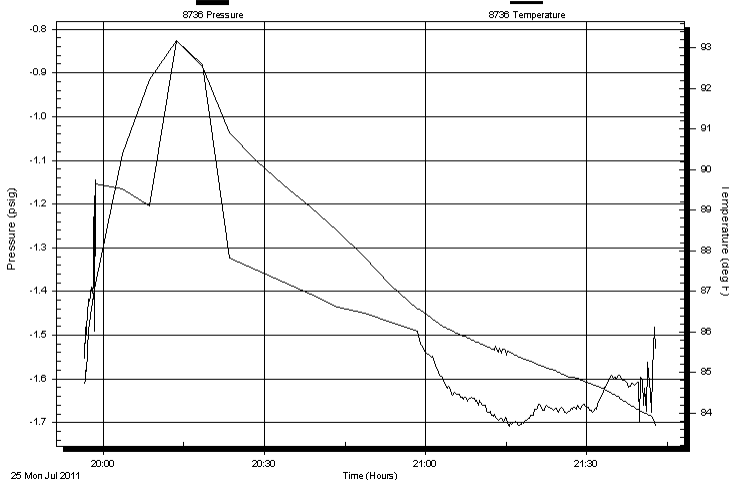
Serial #: 8736 Fluid

Press@RunDepth: psig @ 3275.00 ft (KB)
 Start Date: 2011.07.25 End Date: 2011.07.25
 Start Time: 19:56:35 End Time: 21:42:48

Capacity: 8000.00 psig
 Last Calib.: 2011.07.26
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Strong,BOB in 2Min., 45 Sec.
 ISI-Dead
 FFP-Strong,BOB in 1 Min.
 FSI-Blow back Built to 2"

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
95.00	MCO-75%O-25%M	1.33
0.00	900' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 549

DST#: 2

Test Start: 2011.07.25 @ 20:00:39

Tool Information

Drill Pipe:	Length: 3280.00 ft	Diameter: 3.80 inches	Volume: 46.01 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:	55000.00 lb
			<u>Total Volume: 46.01 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3309.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8736	Fluid	3275.00	
Change Over Sub	5.00			3280.00	
Shut In Tool	5.00			3285.00	
Sampler	2.00			3287.00	
Hydraulic tool	5.00			3292.00	
Jars	5.00			3297.00	
Safety Joint	2.00			3299.00	
Packer	5.00			3304.00	34.00 Bottom Of Top Packer
Packer	5.00			3309.00	
Stubb	1.00			3310.00	
Perforations	1.00			3311.00	
Recorder	0.00	8673	Inside	3311.00	
Recorder	0.00	6755	Outside	3311.00	
Perforations	10.00			3321.00	
Bullnose	3.00			3324.00	15.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 549

DST#: 2

Test Start: 2011.07.25 @ 20:00:39

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.19 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 33 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
95.00	MCO-75%O-25%M	1.333
0.00	900' Gas In Pipe	0.000

Total Length: 95.00 ft Total Volume: 1.333 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler-500#,2000ml Gassy Oil



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 549

DST#: 2

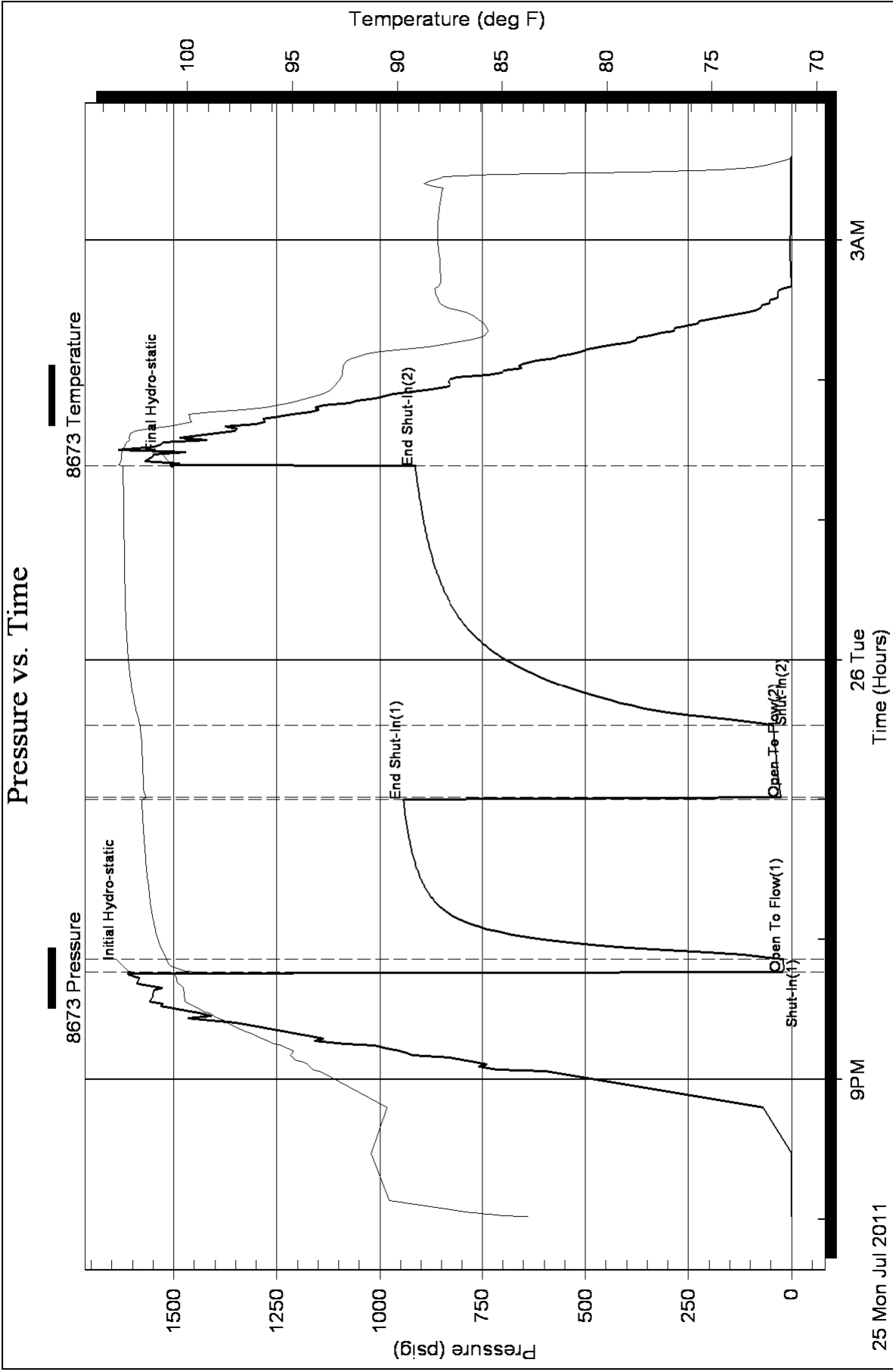
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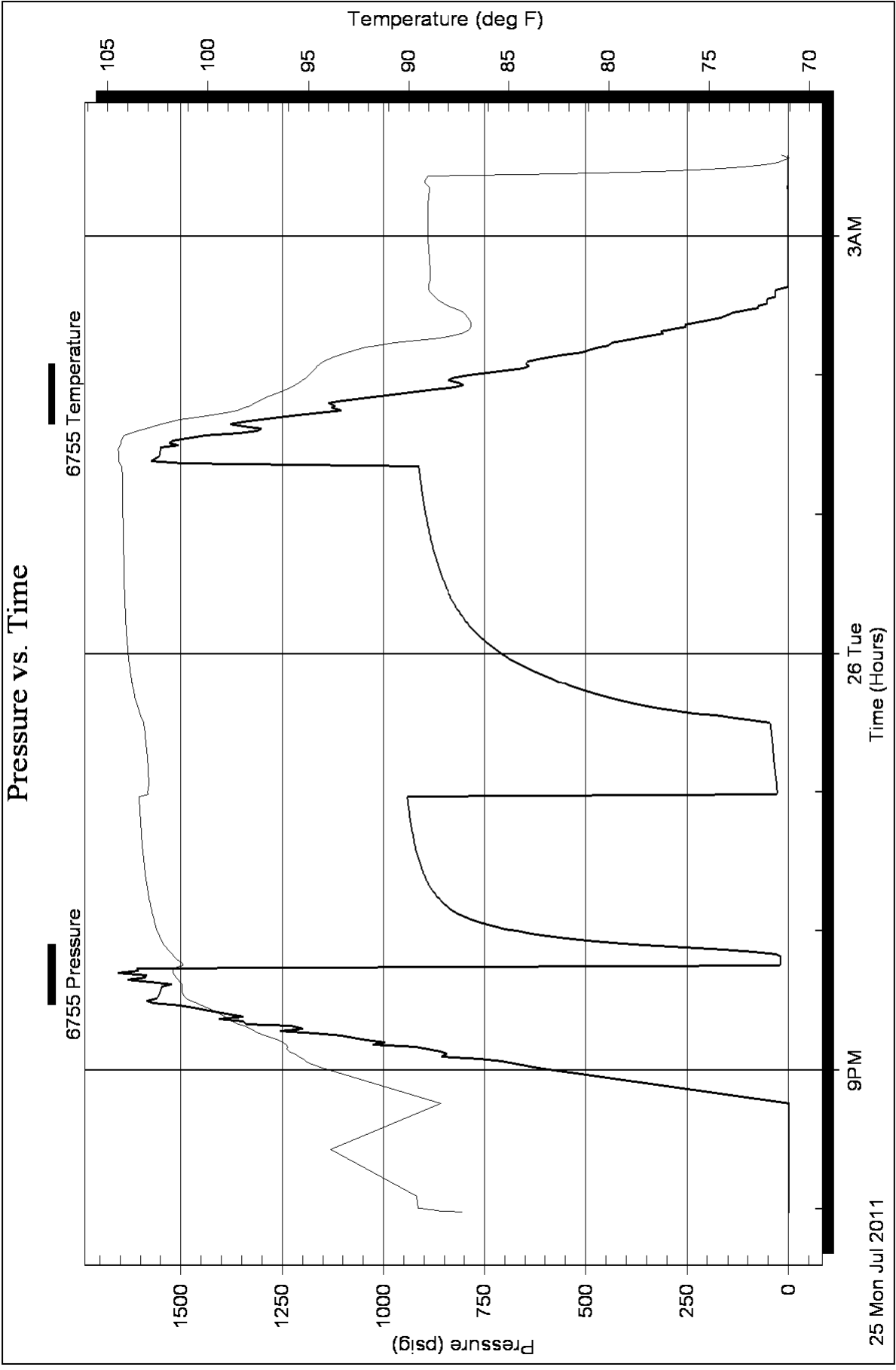
Gas Rates Information

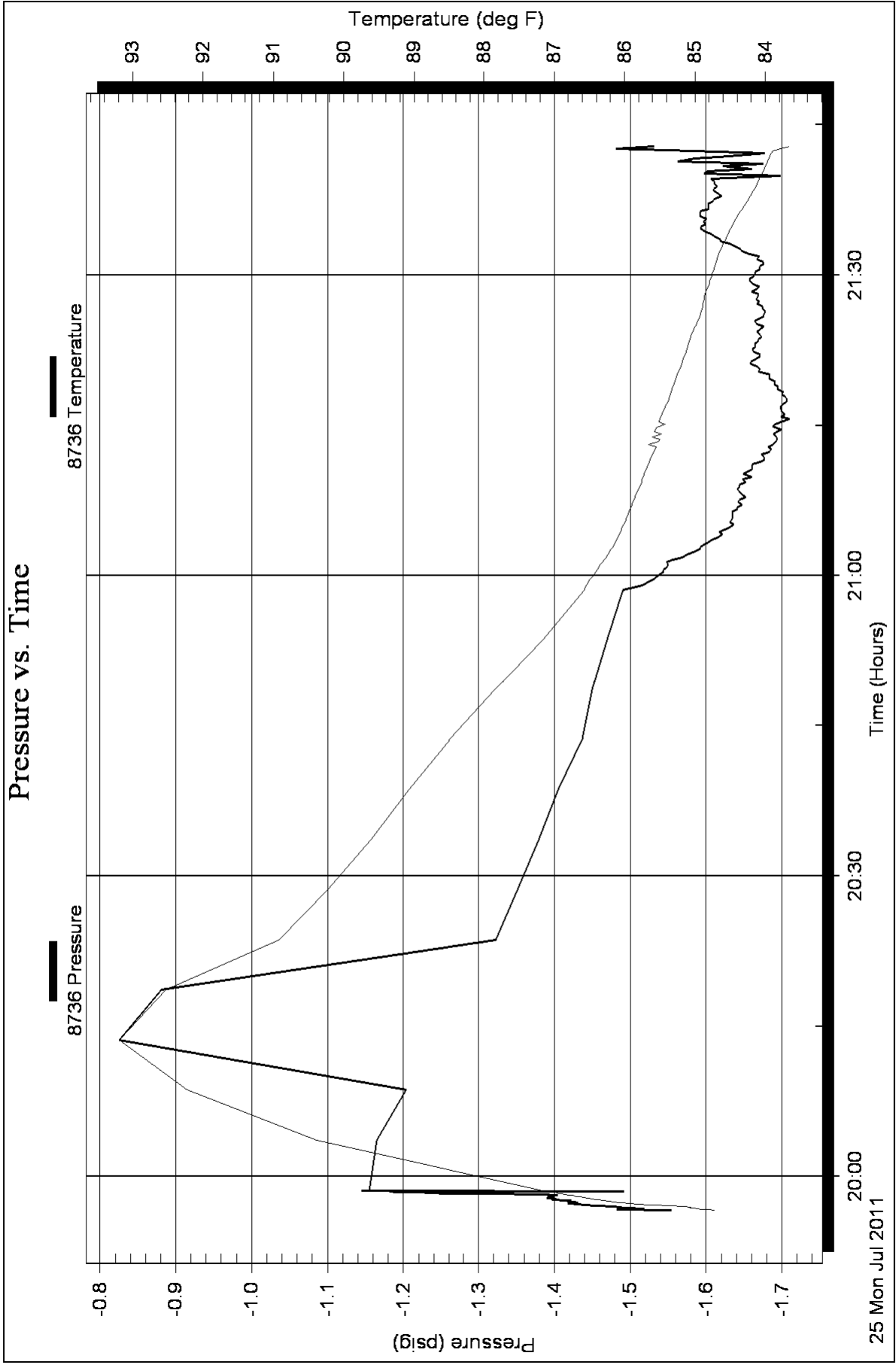
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

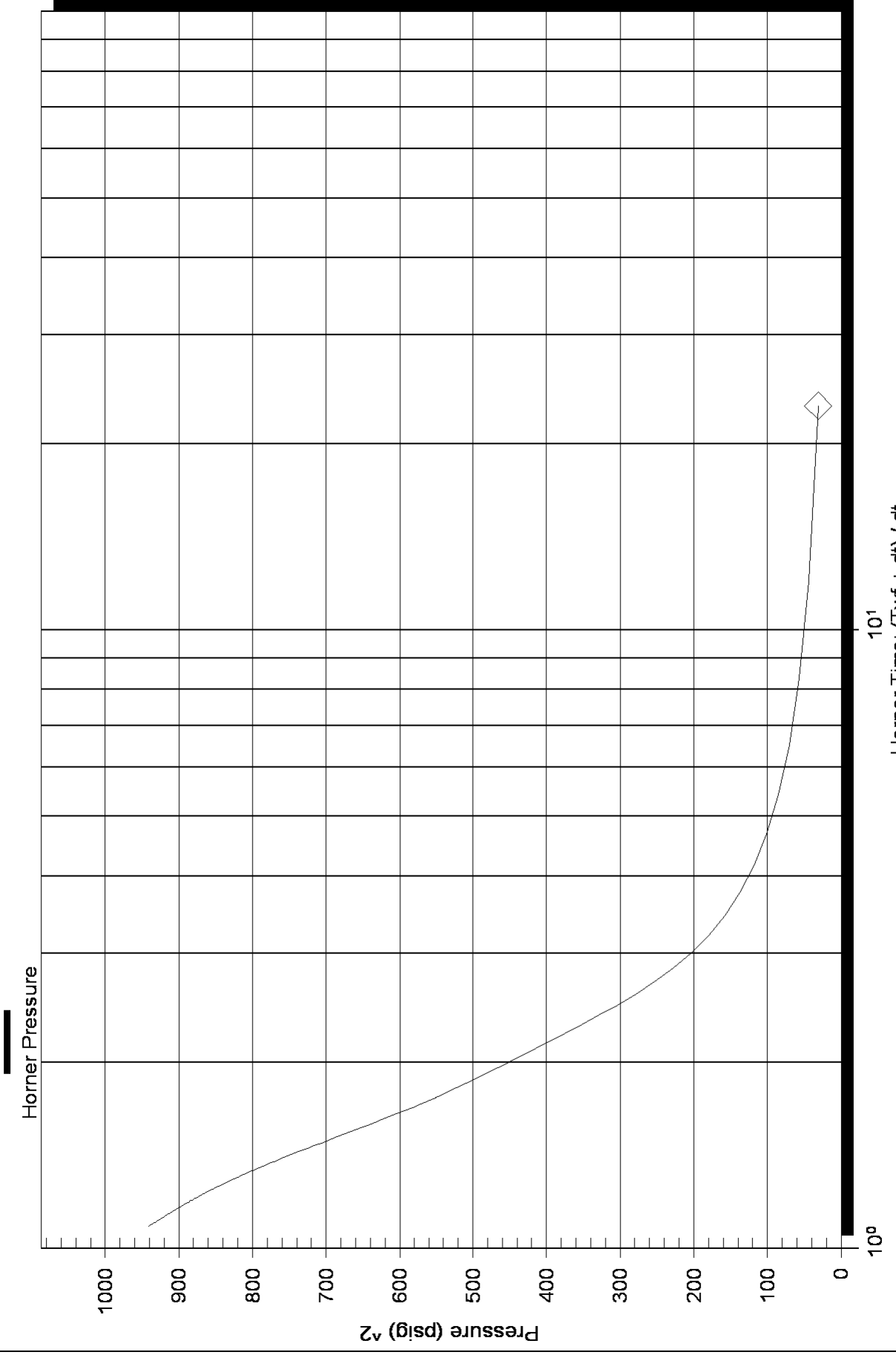
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
		0.00	0.00	0.00



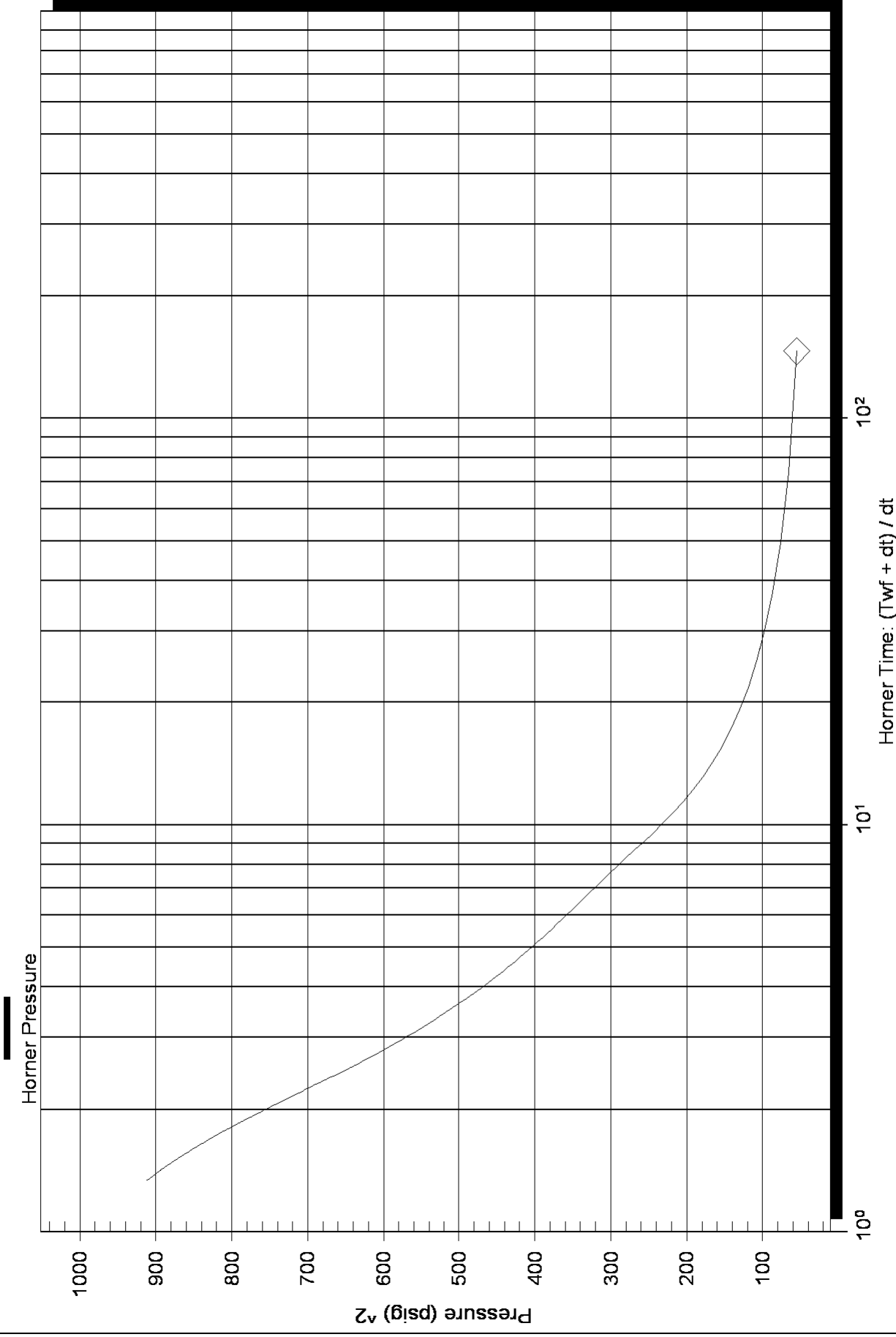




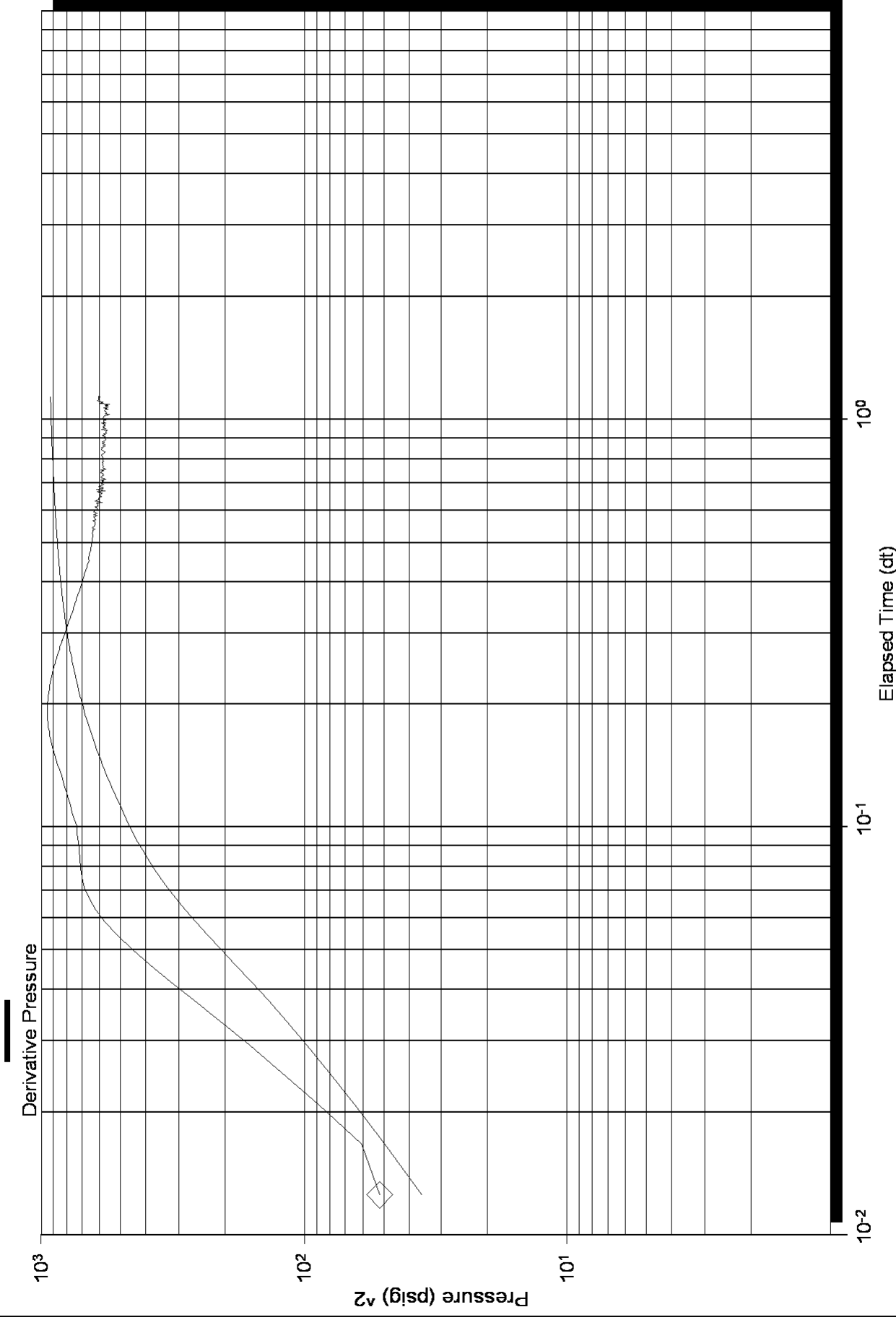
Homer Plot



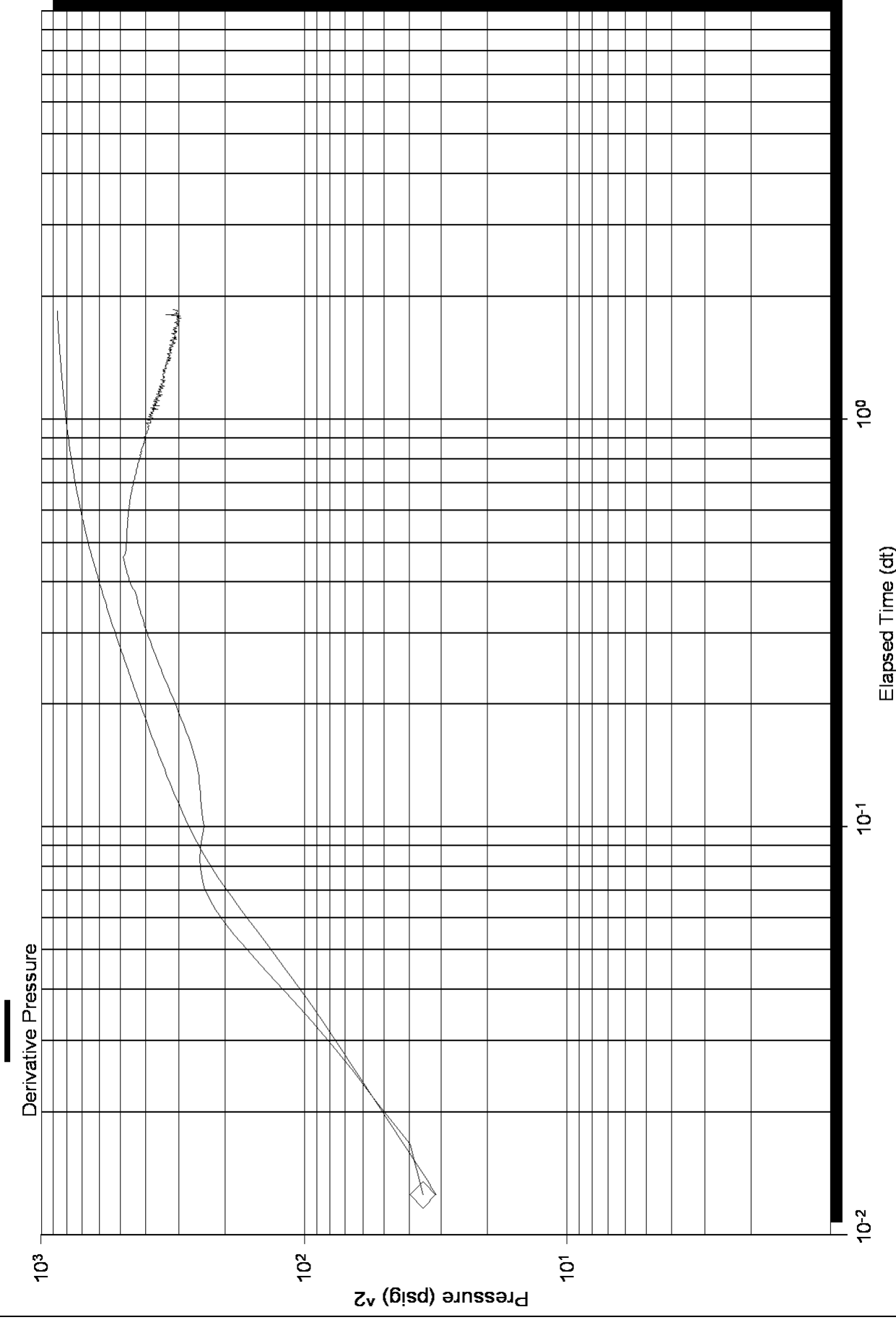
Homer Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Associates**

1515 Wynkoop
Suite 700
Denver, CO. 80202

ATTN: Neil Sharp

26-16s-16w-Rush

Clair #4-26

Start Date: 2011.07.26 @ 14:35:33

End Date: 2011.07.26 @ 22:11:03

Job Ticket #: 43550 DST #: 3

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

Printed: 2011.11.11 @ 15:03:50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43550

DST#: 3

Test Start: 2011.07.26 @ 14:35:33

GENERAL INFORMATION:

Formation: **F-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:27:33

Time Test Ended: 22:11:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 3336.00 ft (KB) To 3363.00 ft (KB) (TVD)

Reference Elevations: 1991.00 ft (KB)

Total Depth: 3363.00 ft (KB) (TVD)

1981.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8673 Inside

Press @ Run Depth: 222.36 psig @ 3338.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.26 End Date: 2011.07.26

Last Calib.: 2011.07.26

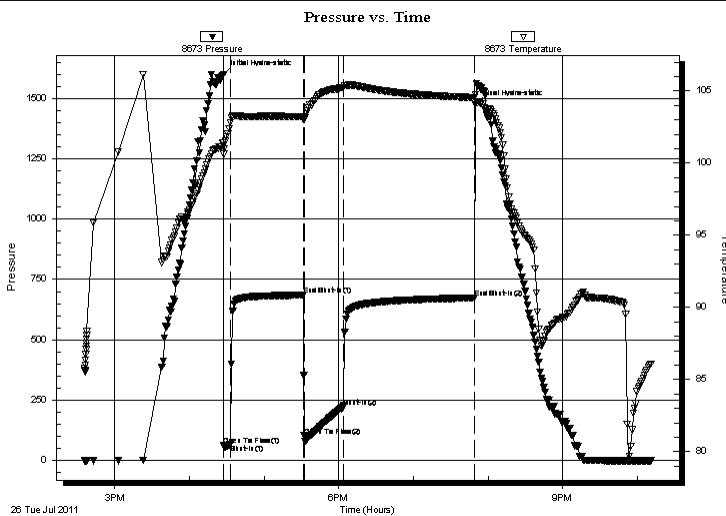
Start Time: 14:35:35 End Time: 22:11:03

Time On Btm: 2011.07.26 @ 16:27:18

Time Off Btm: 2011.07.26 @ 19:49:48

TEST COMMENT: IFP-Strong, BOB in 1 Min. 40 Sec.
ISI-Dead
FFP-Strong, BOB in 2 min. 25 Sec.
FSI-Blow back BOB in 45 Min. lasted intermittantly through period.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1597.35	101.44	Initial Hydro-static
1	62.79	100.62	Open To Flow (1)
6	67.11	102.80	Shut-In (1)
65	684.92	103.23	End Shut-In (1)
65	102.72	103.01	Open To Flow (2)
97	222.36	105.26	Shut-In (2)
202	673.63	104.54	End Shut-In (2)
203	1473.44	104.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Muddy Water-95%W-5%M	3.37
210.00	Gassy Oily Water Mud-20%G-65%O-10%2.95%M	
0.00	780' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43550

DST#: 3

Test Start: 2011.07.26 @ 14:35:33

Tool Information

Drill Pipe:	Length: 3312.00 ft	Diameter: 3.80 inches	Volume: 46.46 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: 53000.00 lb
			<u>Total Volume: 46.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3336.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8736	Fluid	3302.00	
Change Over Sub	5.00			3307.00	
Shut In Tool	5.00			3312.00	
Sampler	2.00			3314.00	
Hydraulic tool	5.00			3319.00	
Jars	5.00			3324.00	
Safety Joint	2.00			3326.00	
Packer	5.00			3331.00	34.00 Bottom Of Top Packer
Packer	5.00			3336.00	
Stubb	1.00			3337.00	
Perforations	1.00			3338.00	
Recorder	0.00	8673	Inside	3338.00	
Recorder	0.00	6755	Outside	3338.00	
Perforations	20.00			3358.00	
Bullnose	3.00			3361.00	25.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43550

DST#: 3

Test Start: 2011.07.26 @ 14:35:33

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 58000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.18 cm ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

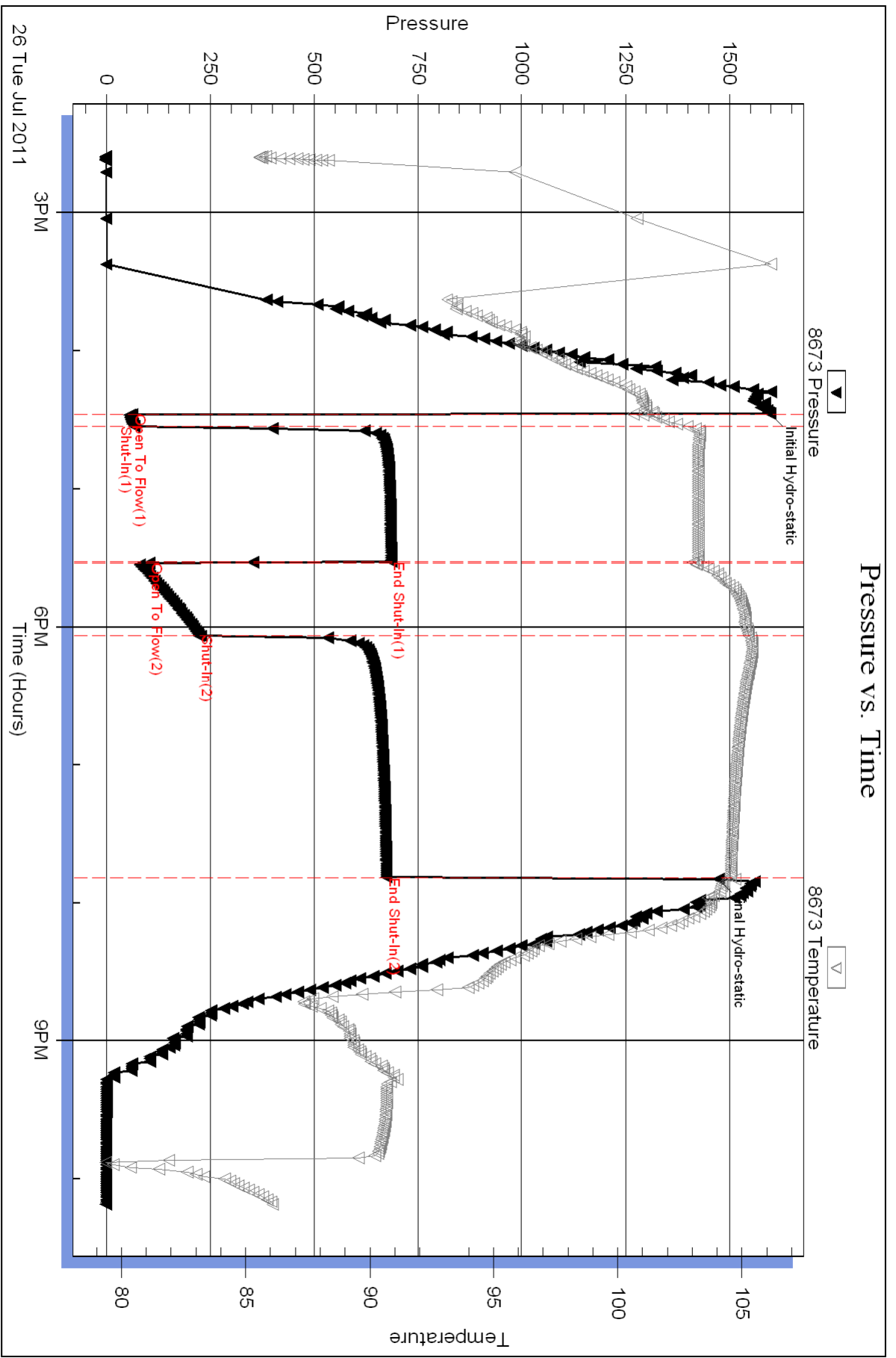
Length ft	Description	Volume bbl
240.00	Muddy Water-95%W-5%M	3.367
210.00	Gassy Oily Water Mud-20%G-65%O-10%W-	2.946
0.00	780' Gas In Pipe	0.000

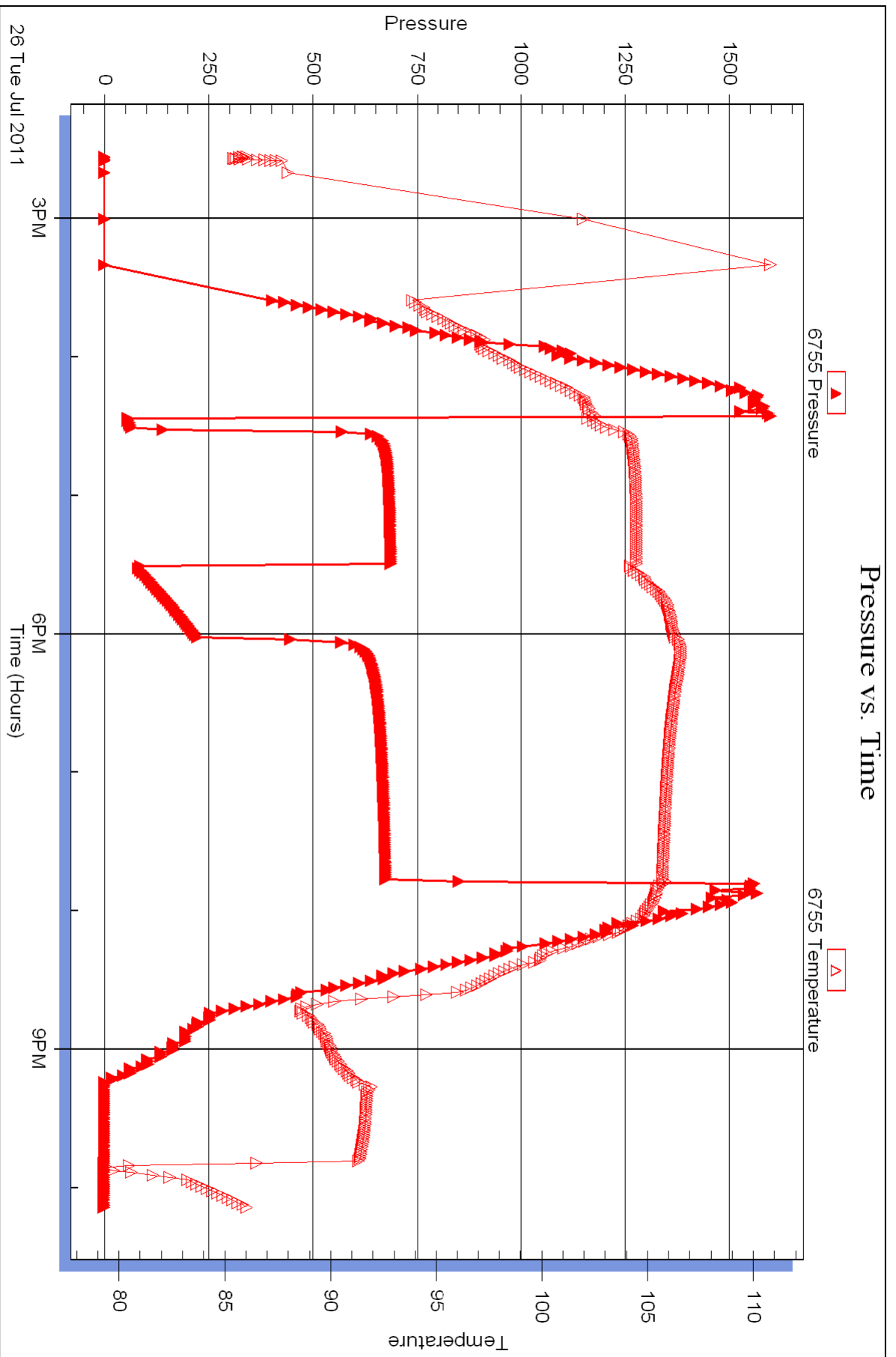
Total Length: 450.00 ft Total Volume: 6.313 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Sampler-750#, 1000ml Gassy Oil, 1000ml Salt Water





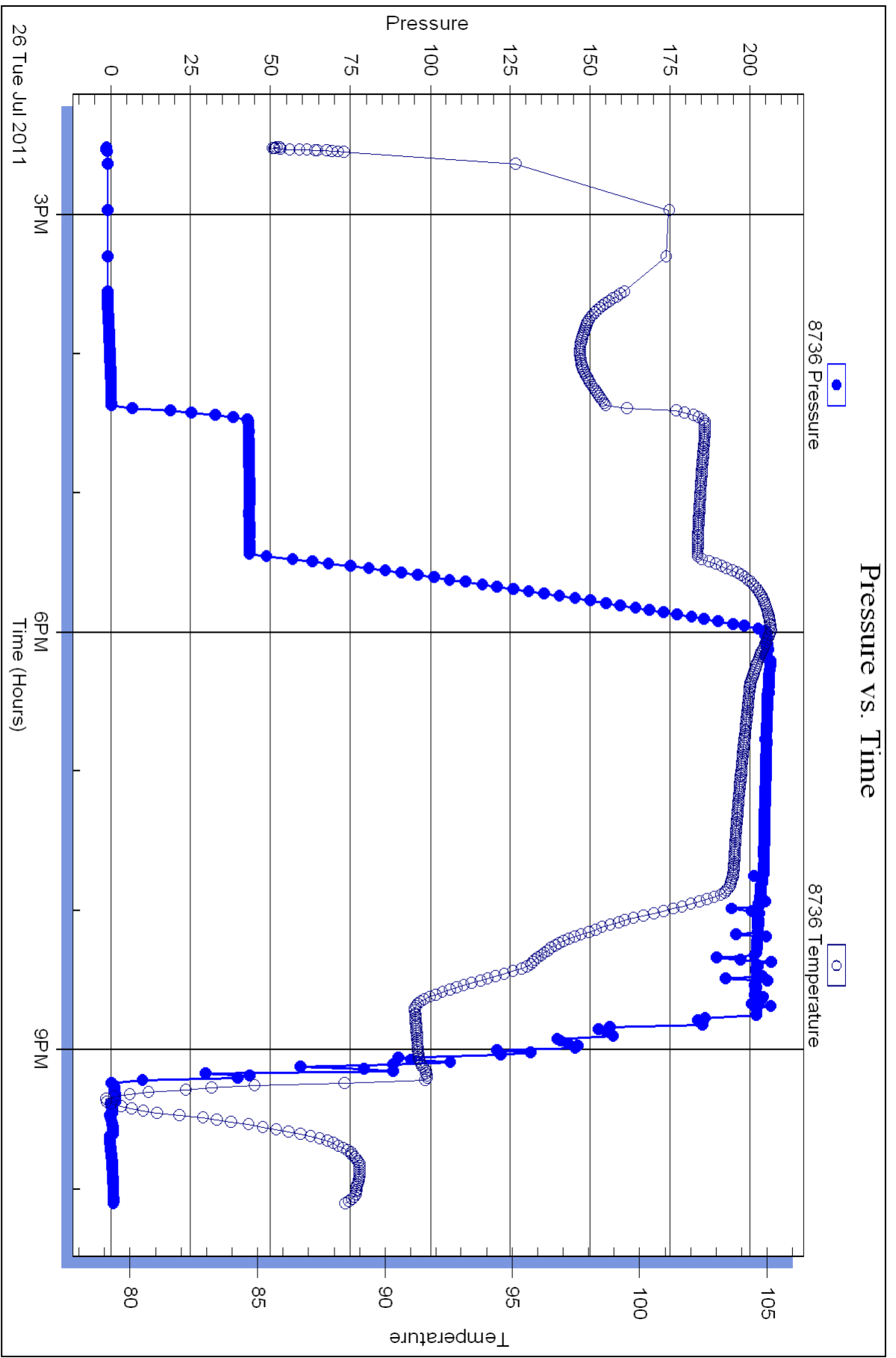
Serial #: 8736

Fluid

Samuel Gary Jr. & Associates

26-16s-16w-Rush

DST Test Number: 3

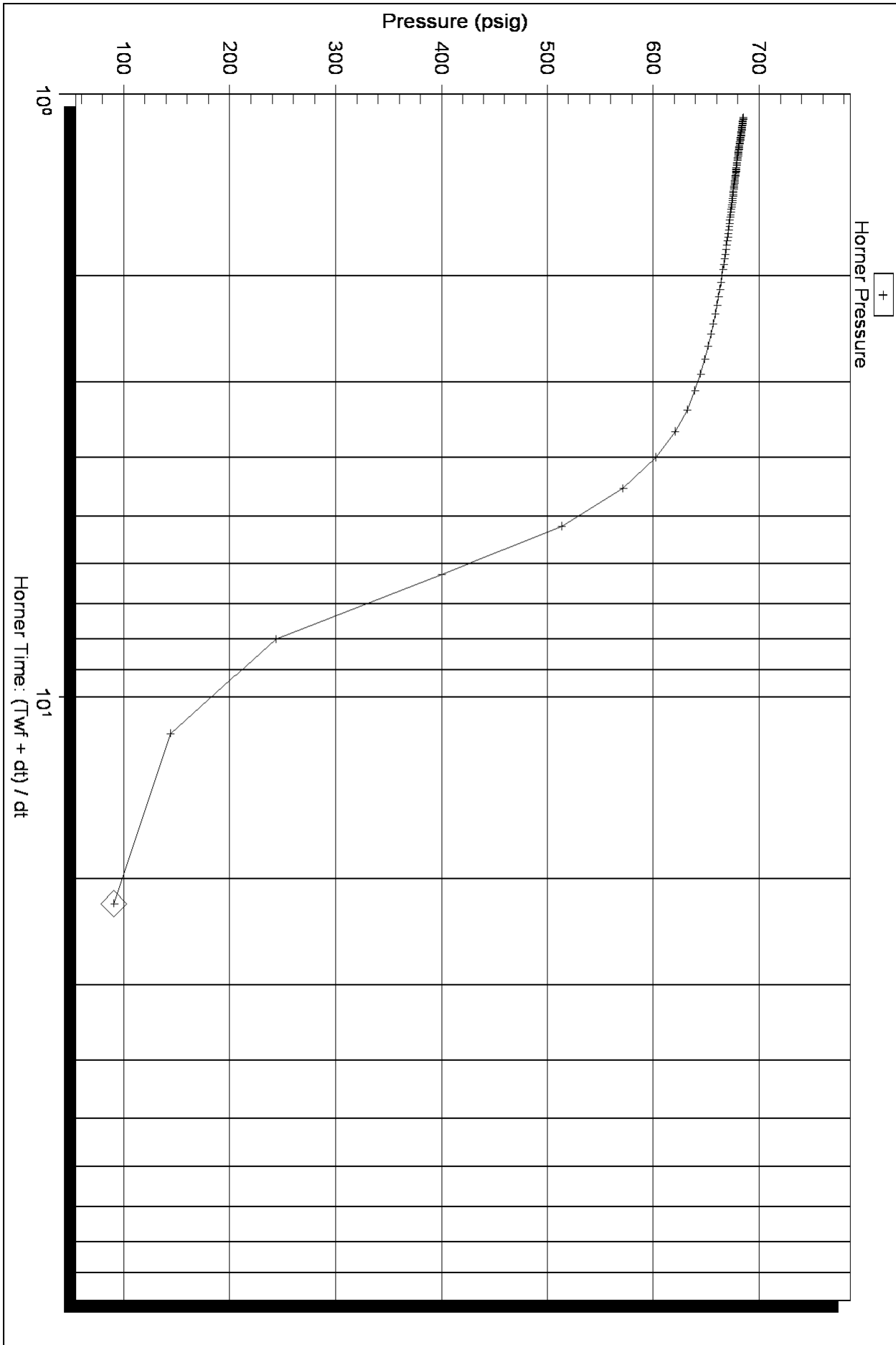


Triobite Testing, Inc

Ref. No: 43550

Printed: 2011.11.11 @ 15:03:54

Horner Plot



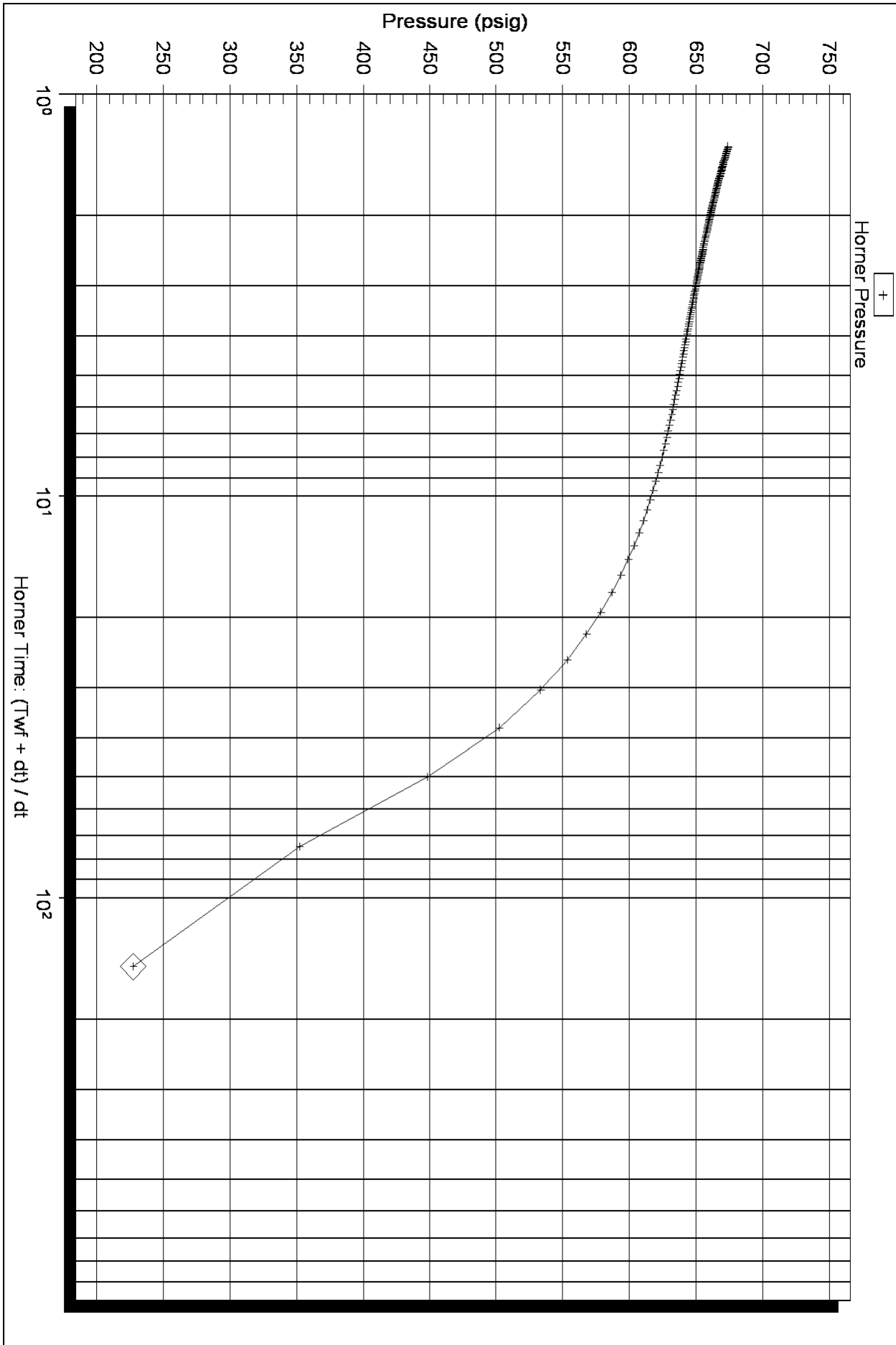
Serial Number: 8673 (Inside)

P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



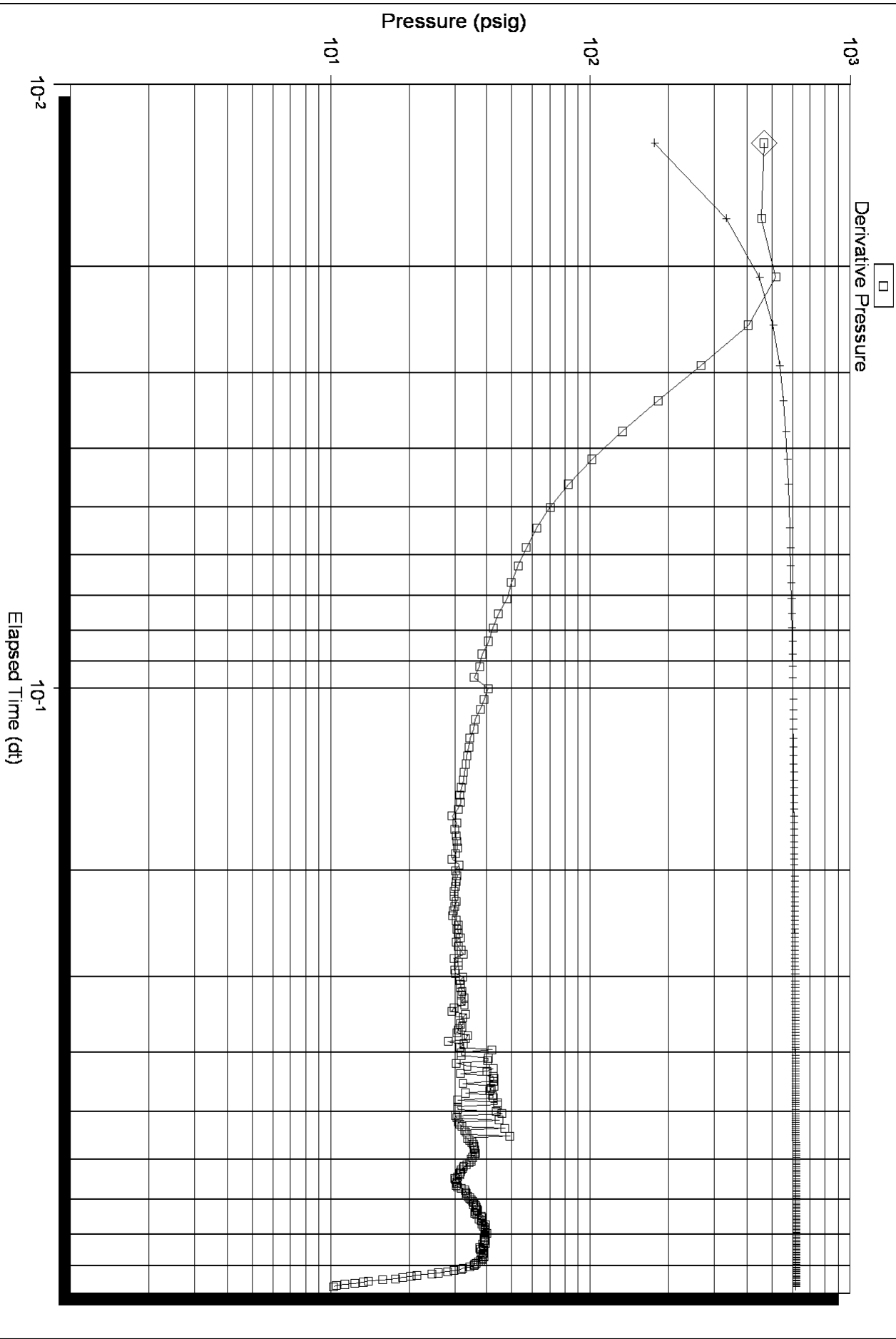
Serial Number: 8673 (Inside)

P* :

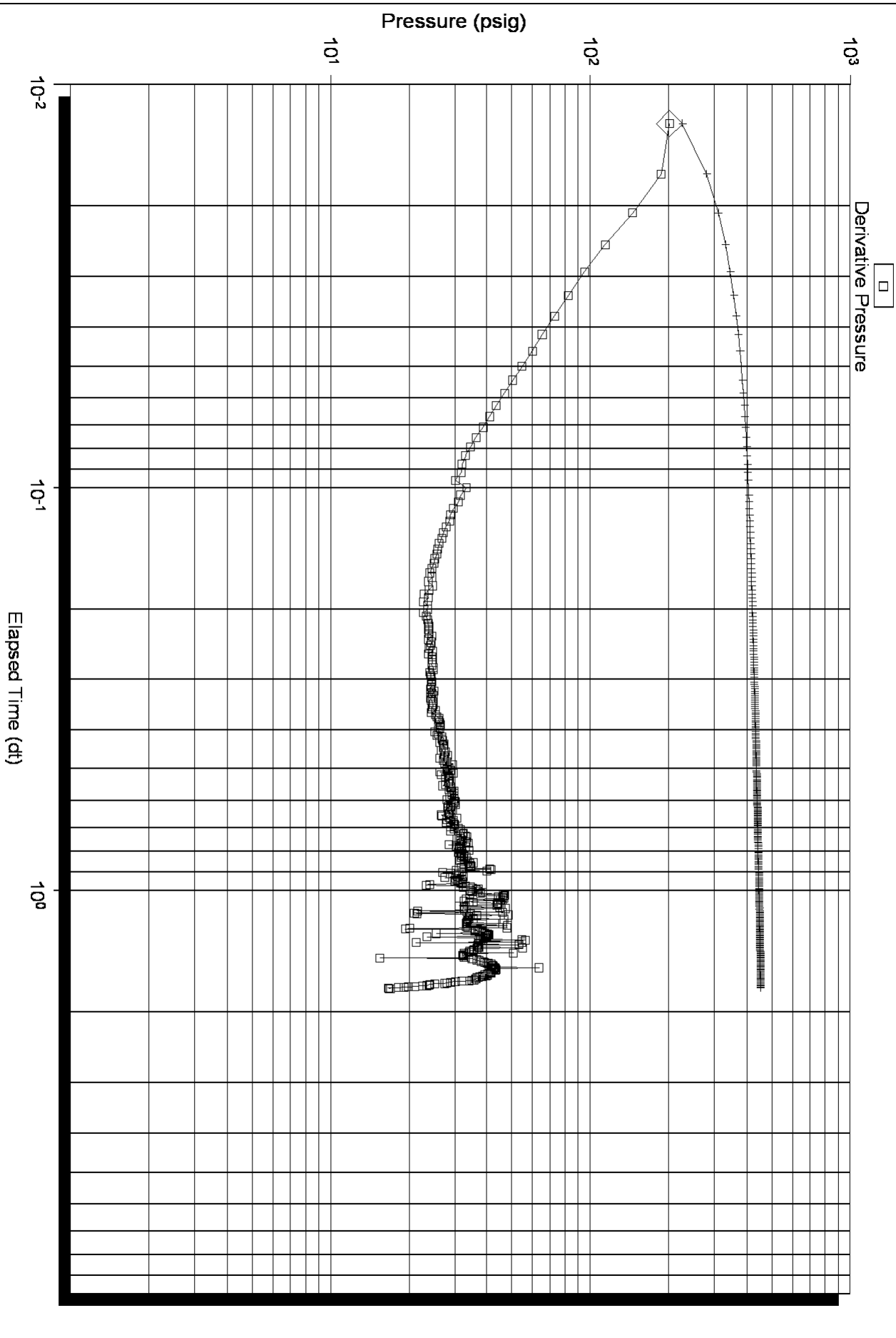
Slope (m) : kpa/log cycle

Flow Cycle: 2

Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Associates**

1515 Wynkoop
Suite 700
Denver, CO. 80202

ATTN: Neil Sharp

26-16s-16w-Rush

Clair #4-26

Start Date: 2011.07.27 @ 11:04:59

End Date: 2011.07.27 @ 18:50:59

Job Ticket #: 43551 DST #: 4

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

Printed: 2011.11.11 @ 15:04:46



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43551

DST#: 4

Test Start: 2011.07.27 @ 11:04:59

GENERAL INFORMATION:

Formation: "H"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:53:29
 Time Test Ended: 18:50:59
 Interval: **3406.00 ft (KB) To 3425.00 ft (KB) (TVD)**
 Total Depth: 3425.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1991.00 ft (KB)
 1981.00 ft (CF)
 KB to GR/CF: 10.00 ft

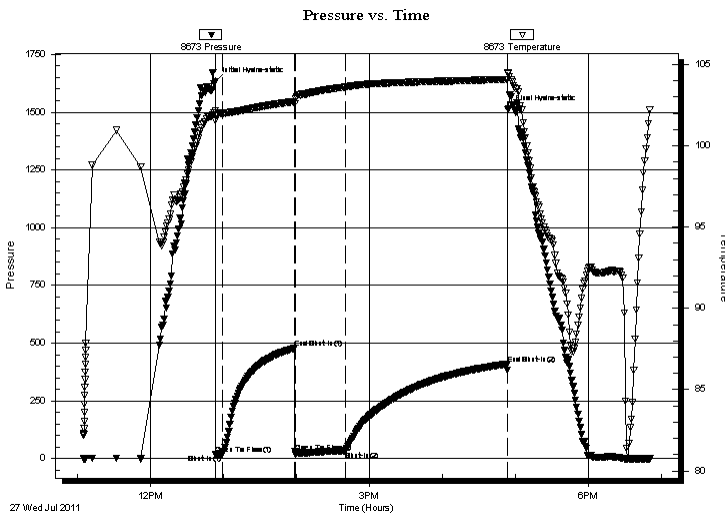
Serial #: 8673

Inside

Press @ Run Depth: 33.69 psig @ 3407.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.07.27 End Date: 2011.07.27 Last Calib.: 2011.07.27
 Start Time: 11:05:01 End Time: 18:50:59 Time On Btm: 2011.07.27 @ 12:53:14
 Time Off Btm: 2011.07.27 @ 16:53:44

TEST COMMENT: IFP-Weak Blow ,Built to 2"
 ISI-Dead
 FFP_Good Blow ,BOBin 30 Min.
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.65	102.16	Initial Hydro-static
1	18.84	101.53	Open To Flow (1)
6	17.96	102.00	Shut-In(1)
65	477.76	102.73	End Shut-In(1)
66	29.81	102.62	Open To Flow (2)
107	33.69	103.61	Shut-In(2)
240	410.04	104.09	End Shut-In(2)
241	1511.09	104.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	OCMW-15%O-40%W-45%M	0.49
0.00	150' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43551

DST#: 4

Test Start: 2011.07.27 @ 11:04:59

GENERAL INFORMATION:

Formation: "H"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:53:29

Time Test Ended: 18:50:59

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 3406.00 ft (KB) To 3425.00 ft (KB) (TVD)

Reference Elevations: 1991.00 ft (KB)

Total Depth: 3425.00 ft (KB) (TVD)

1981.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6755 Outside

Press @ Run Depth: psig @ 3407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.27 End Date: 2011.07.27

Last Calib.: 2011.07.27

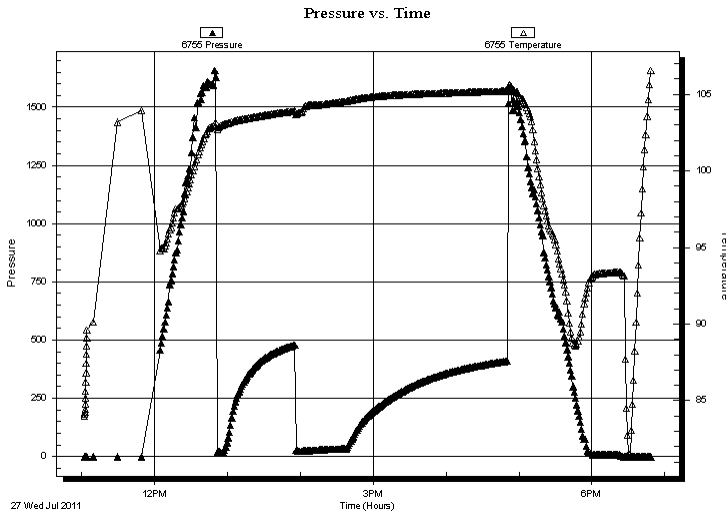
Start Time: 11:02:13 End Time: 18:48:56

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP-Weak Blow ,Built to 2"
ISI-Dead
FFP_Good Blow ,BOBin 30 Min.
FSI-Dead

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
35.00	OCMW-15%O-40%W-45%M	0.49
0.00	150' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43551 **DST#: 4**
Test Start: 2011.07.27 @ 11:04:59

GENERAL INFORMATION:

Formation: **"H"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 12:53:29 Tester: Jason McLemore
Time Test Ended: 18:50:59 Unit No: 54

Interval: 3406.00 ft (KB) To 3425.00 ft (KB) (TVD) Reference Elevations: 1991.00 ft (KB)
Total Depth: 3425.00 ft (KB) (TVD) 1981.00 ft (CF)
Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 10.00 ft

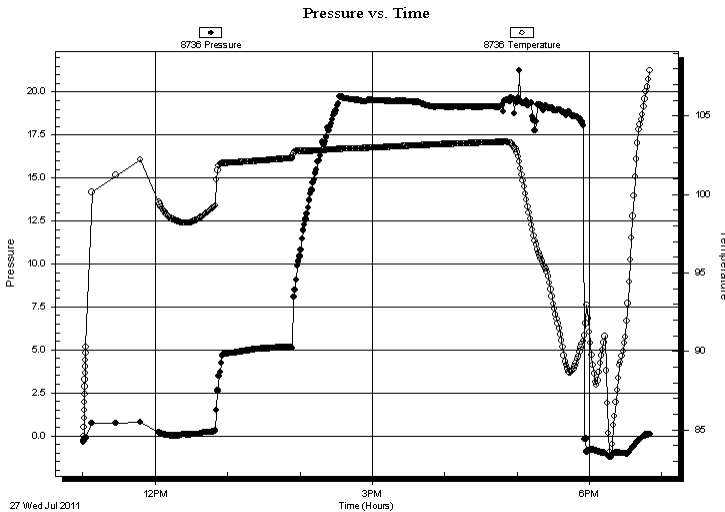
Serial #: 8736

Fluid

Press@RunDepth: psig @ 3372.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.07.27 End Date: 2011.07.27 Last Calib.: 2011.07.27
Start Time: 11:00:36 End Time: 18:50:34 Time On Btm:
Time Off Btm:

TEST COMMENT: IFP-Weak Blow ,Built to 2"
ISI-Dead
FFP_Good Blow ,BOBin 30 Min.
FSI-Dead

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
35.00	OCMW-15%O-40%W-45%M	0.49
0.00	150' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43551

DST#: 4

Test Start: 2011.07.27 @ 11:04:59

Tool Information

Drill Pipe:	Length: 3382.00 ft	Diameter: 3.80 inches	Volume: 47.44 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: 55000.00 lb
			<u>Total Volume: 47.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3406.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Recorder	0.00	8736	Fluid	3372.00	
Change Over Sub	5.00			3377.00	
Shut In Tool	5.00			3382.00	
Sampler	2.00			3384.00	
Hydraulic tool	5.00			3389.00	
Jars	5.00			3394.00	
Safety Joint	2.00			3396.00	
Packer	5.00			3401.00	34.00 Bottom Of Top Packer
Packer	5.00			3406.00	
Stubb	1.00			3407.00	
Perforations	0.00			3407.00	
Recorder	0.00	8673	Inside	3407.00	
Recorder	0.00	6755	Outside	3407.00	
Perforations	15.00			3422.00	
Bullnose	3.00			3425.00	19.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Associates

Clair #4-26

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Neil Sharp

26-16s-16w-Rush

Job Ticket: 43551

DST#: 4

Test Start: 2011.07.27 @ 11:04:59

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 48.00 sec/qt
Water Loss: 9.19 cm³
Resistivity: ohm.m
Salinity: 6700.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 53000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	OCMW-15%O-40%W-45%M	0.491
0.00	150' Gas In Pipe	0.000

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0

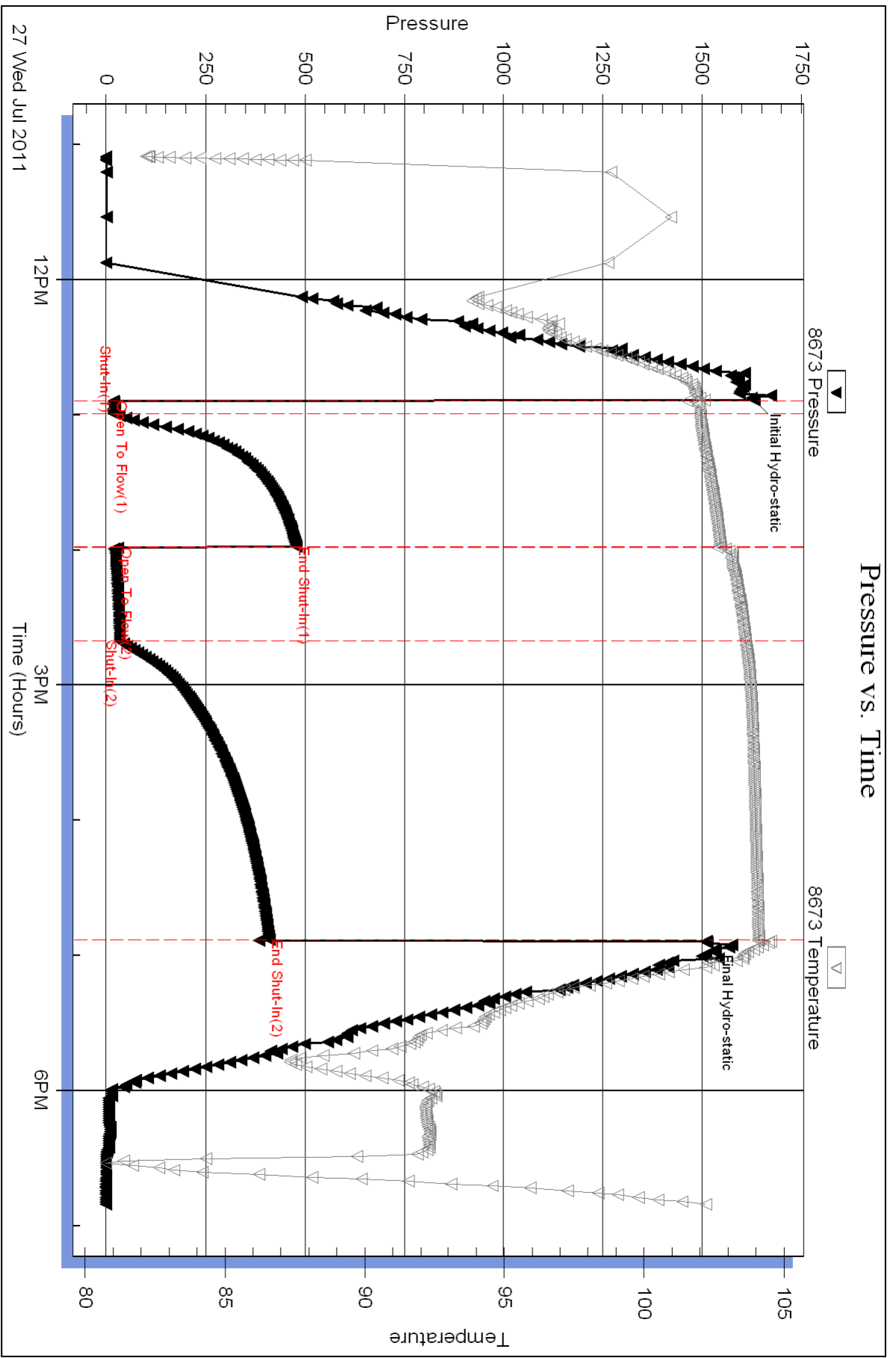
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Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

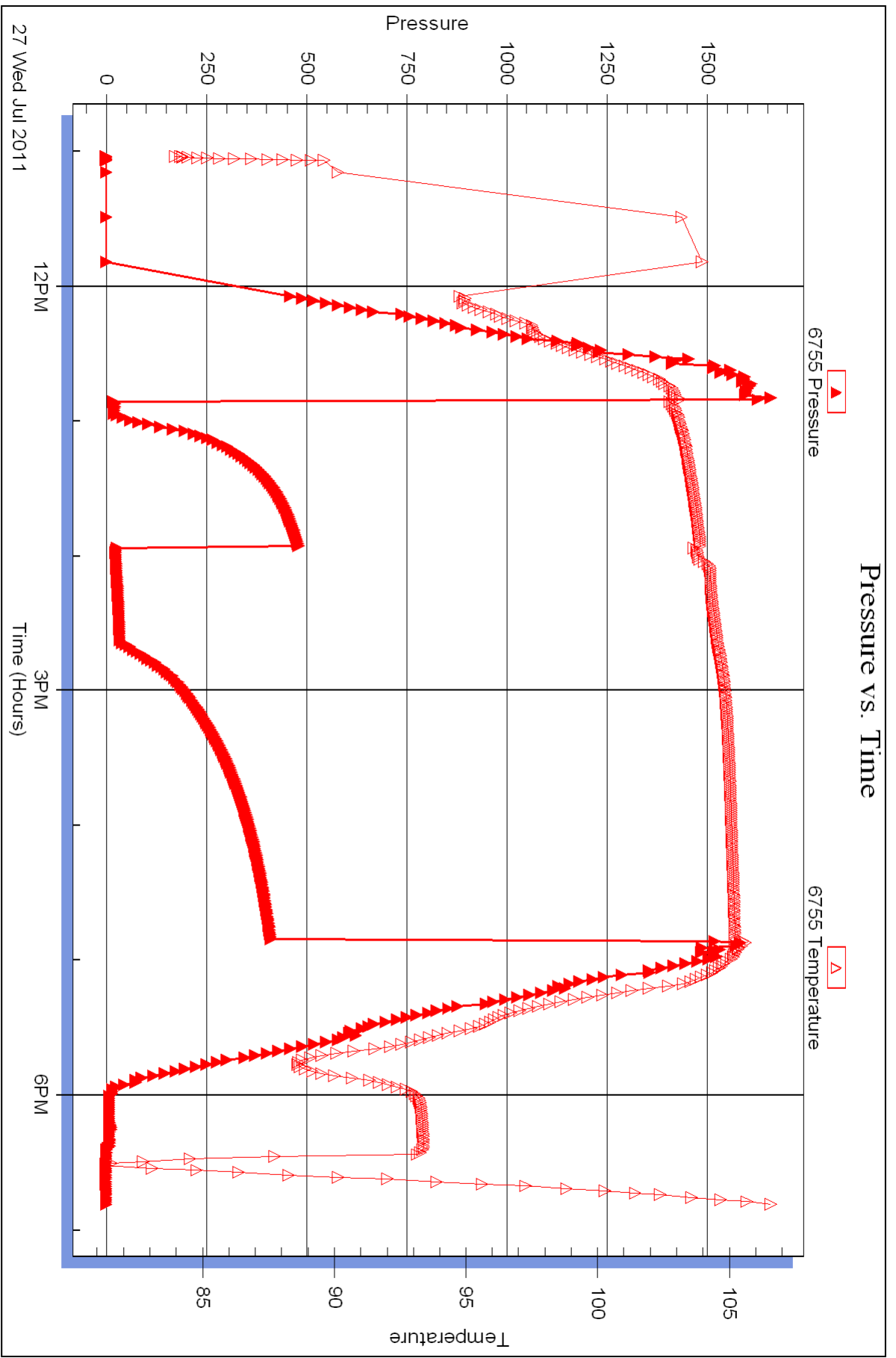


Serial #: 6755

Outside Samuel Gary Jr. & Associates

26-16s-16w-Rush

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 43551

Printed: 2011.11.11 @ 15:04:48

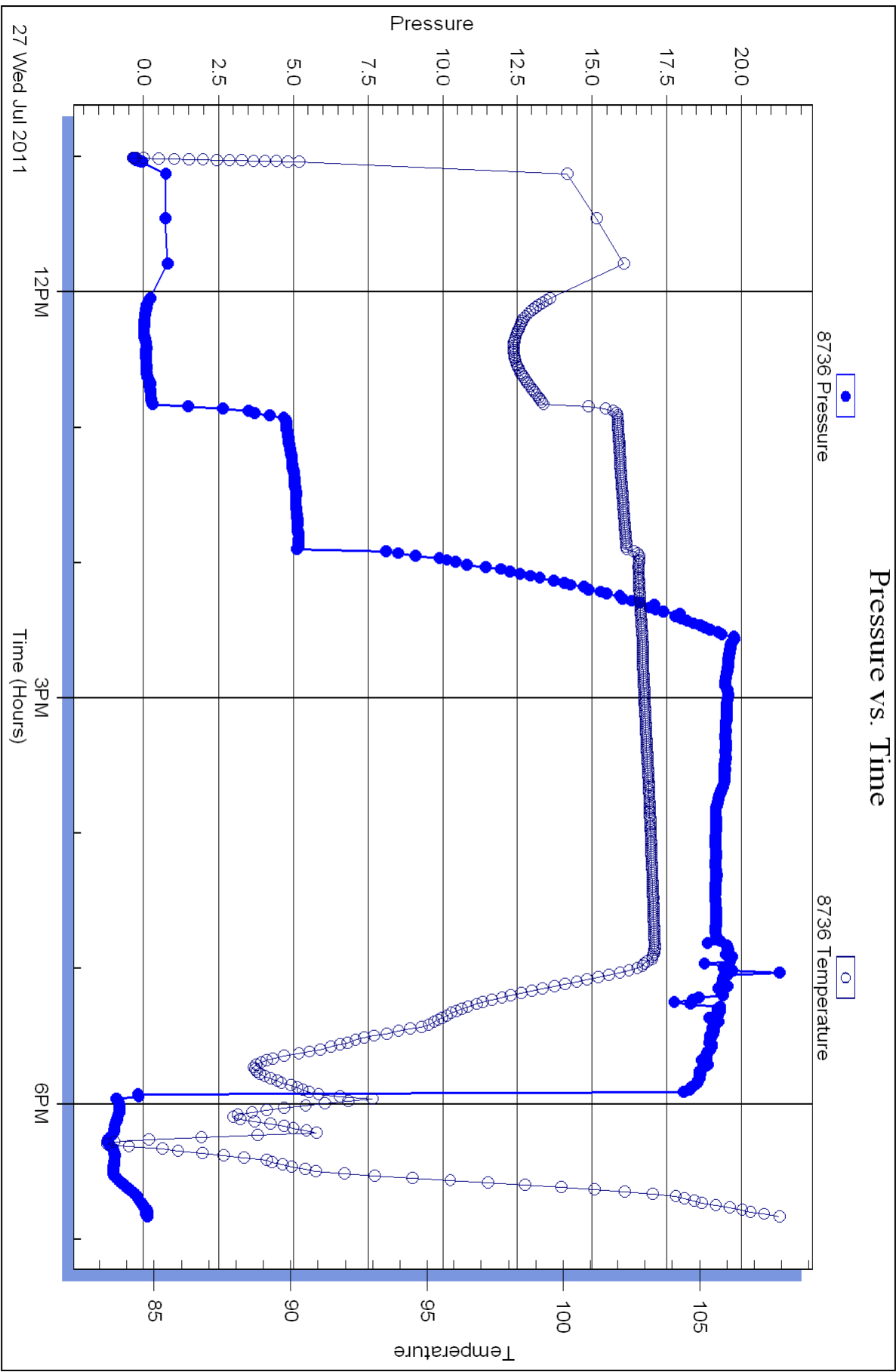
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Fluid

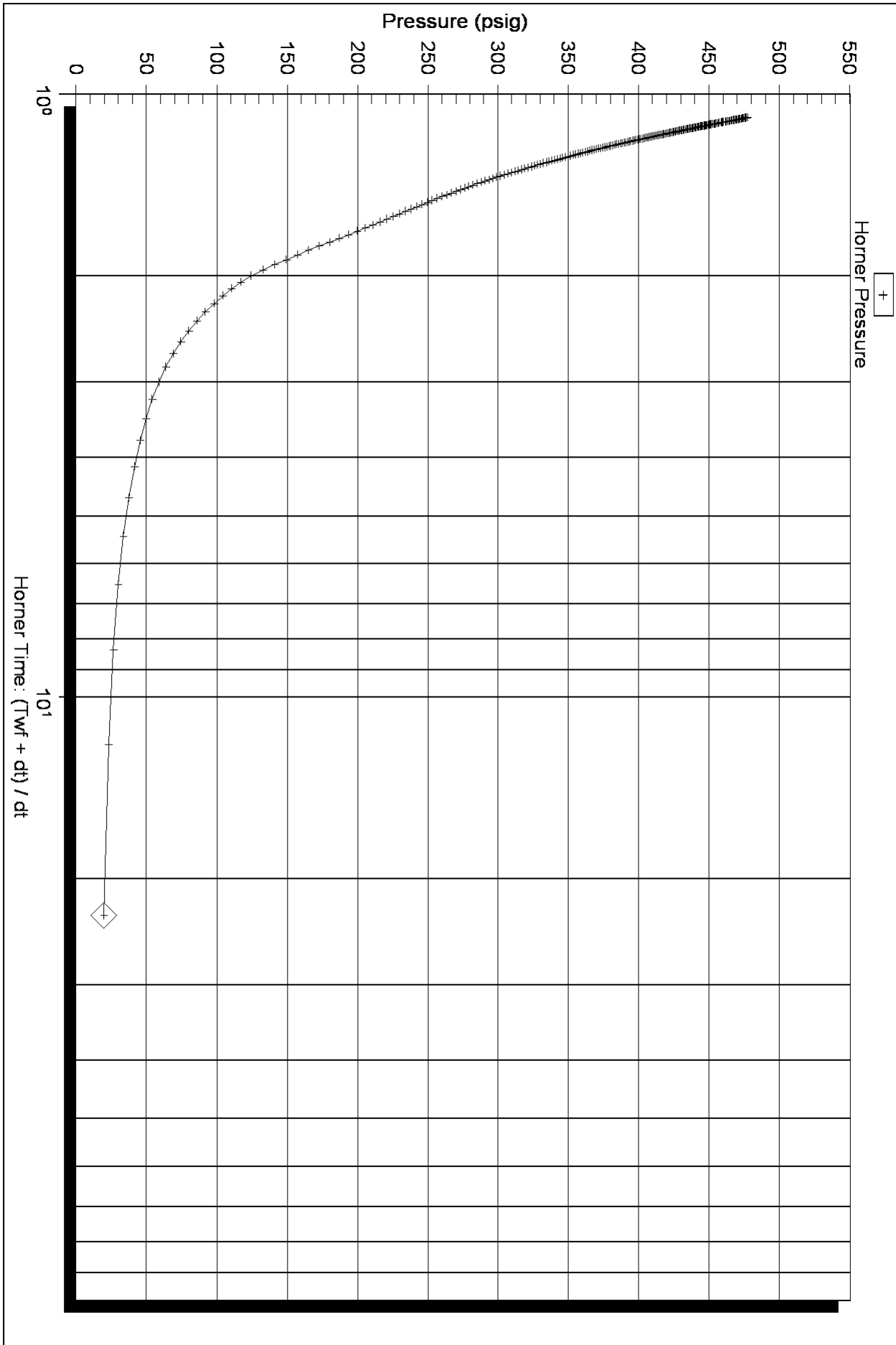
Samuel Gary Jr. & Associates

26-16s-16w-Rush

DST Test Number: 4



Horner Plot



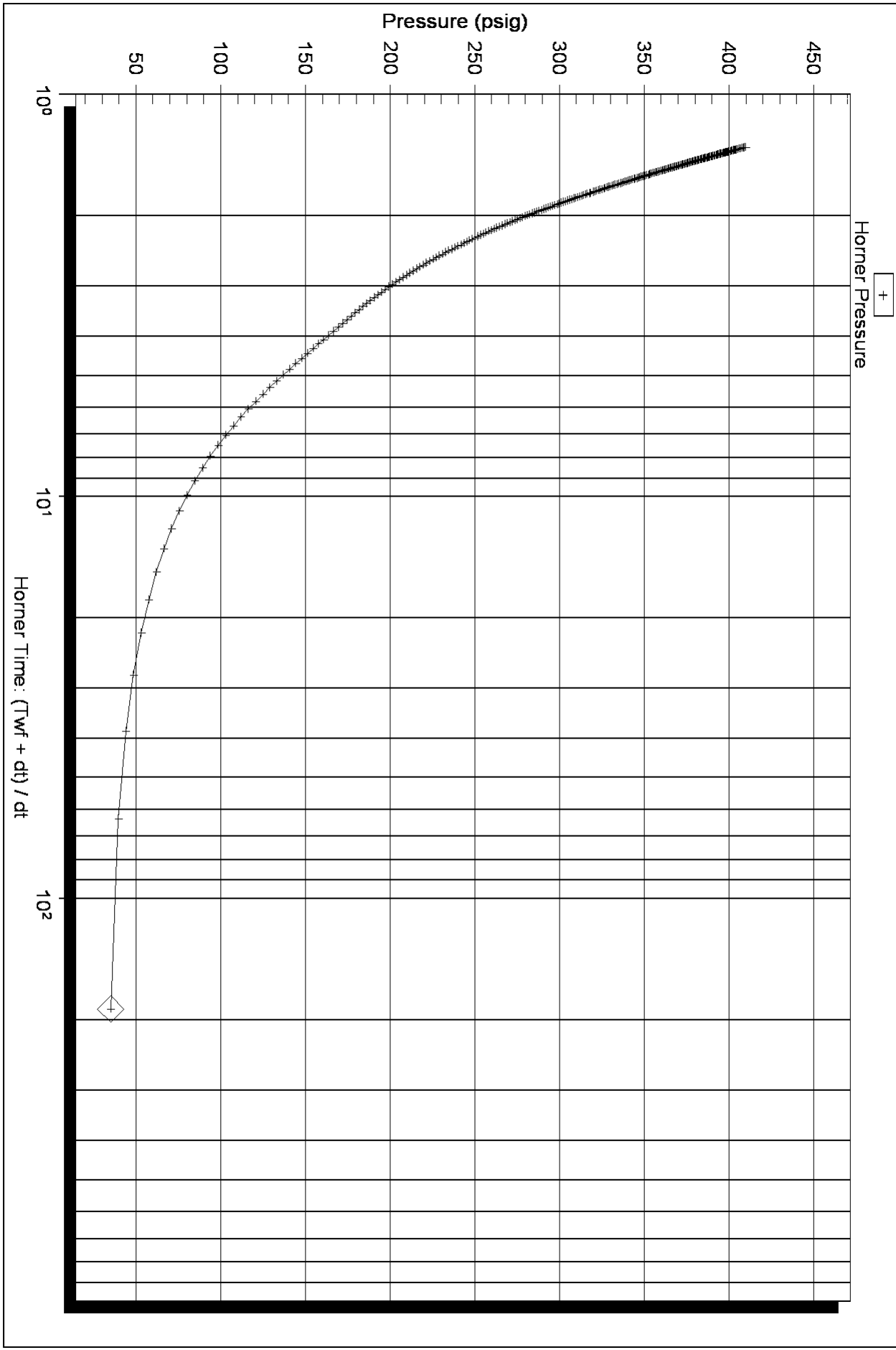
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P* :

Slope (m) : kpa/log cycle

Flow Cycle: 1

Horner Plot



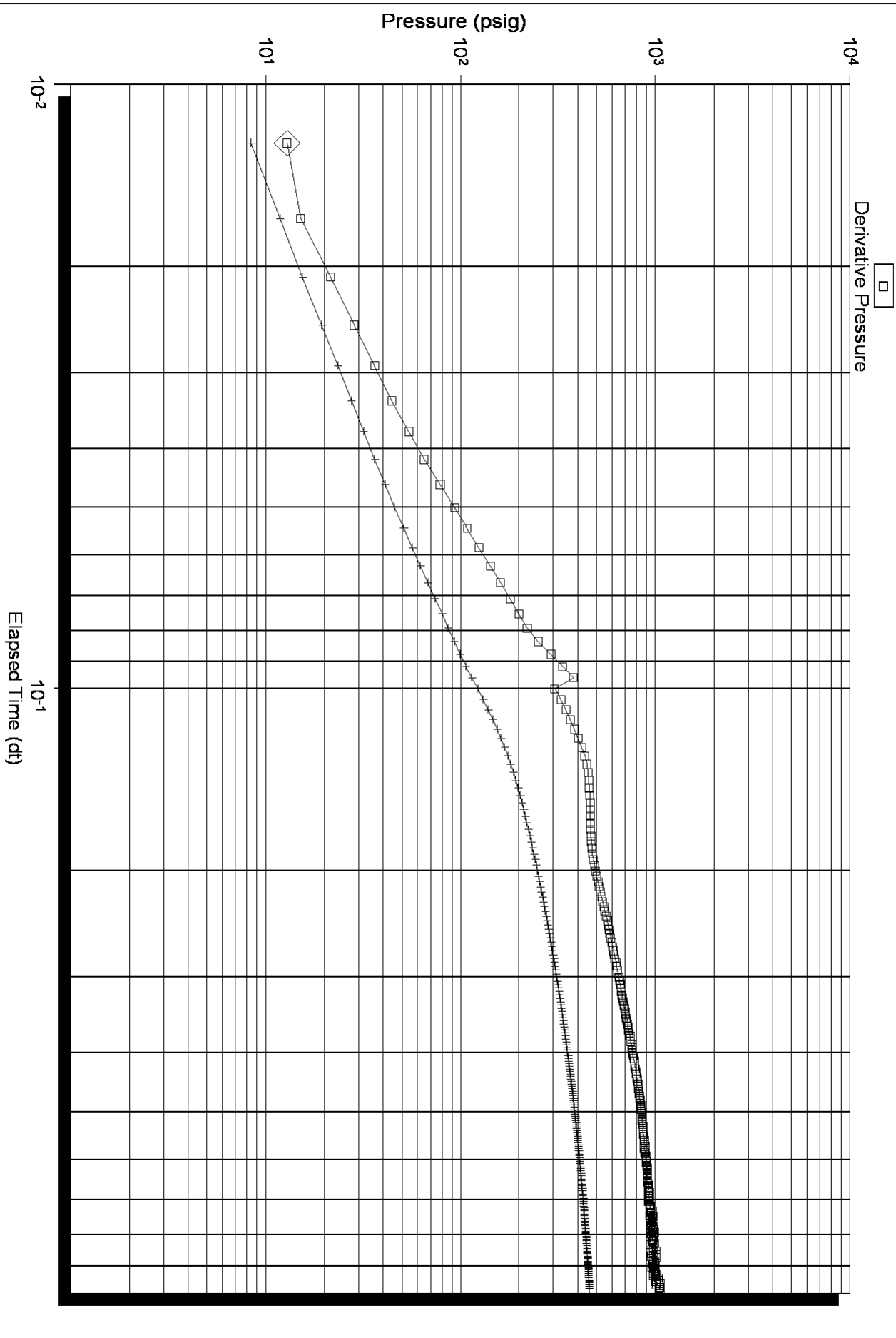
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P* :

Slope (m) : kpa/log cycle

Flow Cycle: 2

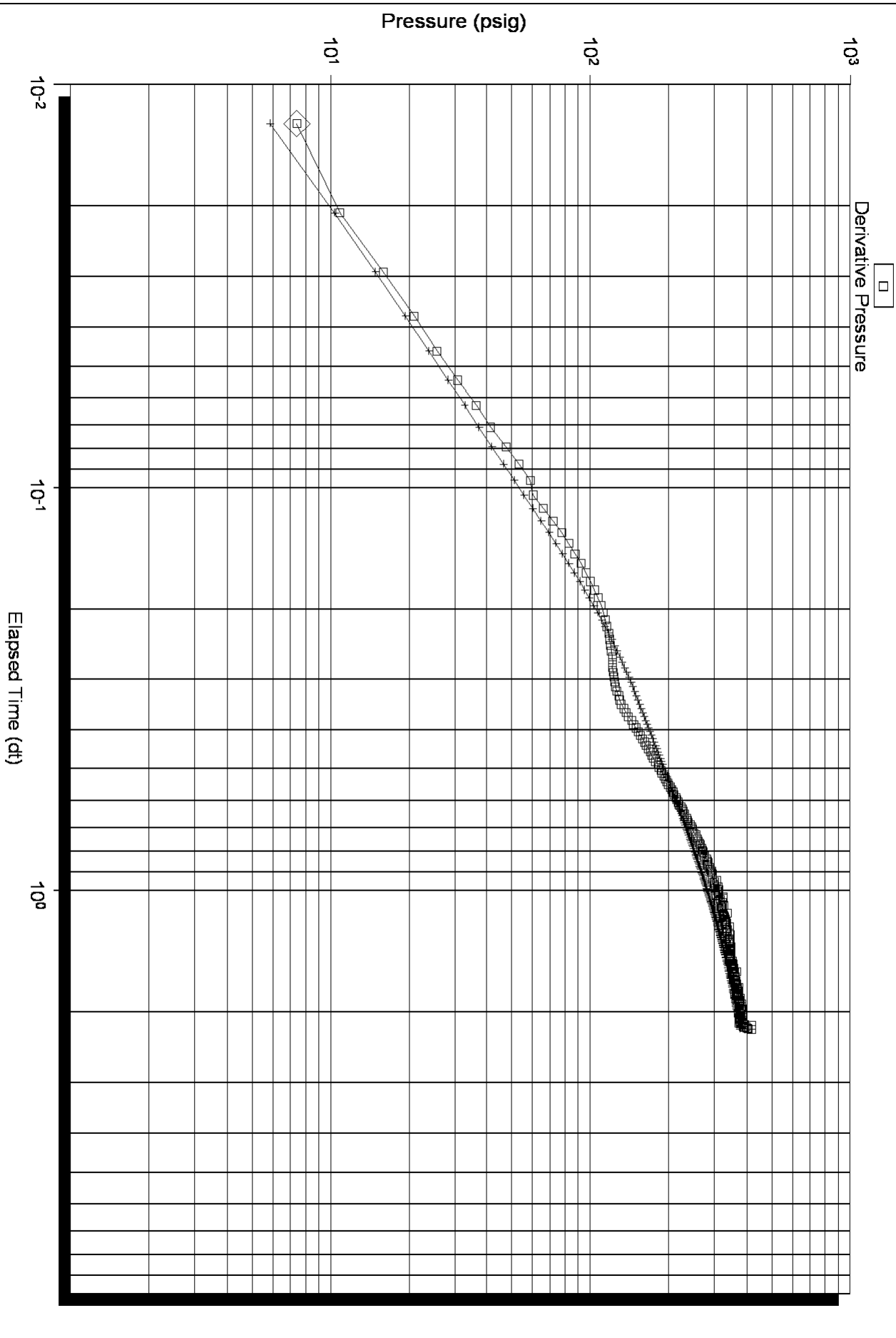
Log-Log and Pseudo-Derivative



Serial Number: 8673 (Inside)

Flow Cycle: 1

Log-Log and Pseudo-Derivative





Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Clair 4-26
 Location: SEC 26, 16S, 16W, Rush Co. , Kansas
 License Number: 15-165-21930-000
 Spud Date: 7/18/2011
 Surface Coordinates: 1625' FNL & 1180' FEL
 Region: Wildcat
 Drilling Completed: 7/28/2011

Bottom Hole
 Coordinates:
 Ground Elevation (ft): 1981' K.B. Elevation (ft): 1991'
 Logged Interval (ft): 1700' To: 3660' Total Depth (ft): 3660'
 Formation: Lansing, Arbuckle
 Type of Drilling Fluid:

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Samuel Gary Jr, & Assoc.
 Address: 1515 Wykoop, Ste. # 700
 Denver, Colo. 80202
 Geo: Neal Sharp

GEOLOGIST

Name: JASON MARSHALL
 Company: Earth Tech OGL, Inc.
 Address: PO Box 683
 Hooker, Okla . 73945
 Off. 888-543-8378 Cell: 620-655-1298

Circulating Report

DST's Report

DST #1, 3248'-3306', 5,60,30,110
 IFP-STRONG, BOB IN 30SEC, GAS TO SUFACE ON SHUT IN, ISI-BLOWBACK BOB IN 25 MIN, FF-BOB ON OPEN, GAUGEING GAS, FSI-BLOWBACK BOB IN 70 MIN, IH-1600, FH-1571, FIF-146, FFF-116, SIF-156, SFF-187, ISI-408, FSI-435, TOTAL REC- 385', GASSY OIL, 25% GAS, 75% OIL, GRAVITY 40

DST #2, 3309'-3324', 5,60,30,105
 IFP-STRONG, BOB IN 2 MIN, 45 SEC, ISI-DEAD, FF-STRONG, BOB IN 1 MIN, FSI-BLOWBACK BUILT TO 2", IH-1606, FH-1503, FIF-21, FFF-20, SIF-24, SFF-45, ISI-943, FSI-913, TOTAL REC- 95', GASSY OIL, 25% WATER, 75% OIL, GRAVITY 33

DST #3, 3336'-3363', 5,60,30,105
 IFP-STRONG, BOB IN 1 MIN 40 SEC, ISI-DEAD, FF-STRONG, BOB IN 2 MIN 25 SEC, FSI-BLOWBACK BOB IN 45 MIN, IH-1597, FH-1473, FIF-63, FFF-67, SIF-103, SFF-222, ISI-685, FSI-674, TOTAL REC- 210', 20% GAS, 65% OIL, 10% WATER, AN 5% MUD, GRAVITY 31

DST #4, 3406'-3425', 5,60,40,135
 IFP-WEAK BLOW, BUILT TO 2", ISI-DEAD, FF-BLOW BUILT, BOB IN 30 MIN, FSI-DEAD, IH-1632, FH-1511, FIF-19, FFF-18, SIF-30, SFF-34, ISI-478, FSI-410, TOTAL REC- 35', OCMW, 10% OIL, 40% WATER, 45% MUD, GRAVITY 34

DST's Report

ROCK TYPES

Anhy	Gyp	Shgy	Sandylms
Bent	Igne	Sltst	Shale
Brec	Lmst	Ss	Sltstn
Cht	Meta	Till	Shlyslts
Clyst	Mrlst	Carb sh	Sltysh
Coal	Salt	Dol	Lms
Congl	Shale	Dtd	
Dol	Shcol	Gry sh	

ACCESSORIES

MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brefracg
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr

- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram

- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh

- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandyms
- Sh
- Sltstn

TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

SORTING

- Well
- Moderate
- Poor

ROUNDING

- Rounded
- Subrnd
- Subang

- Angular

OIL SHOWS

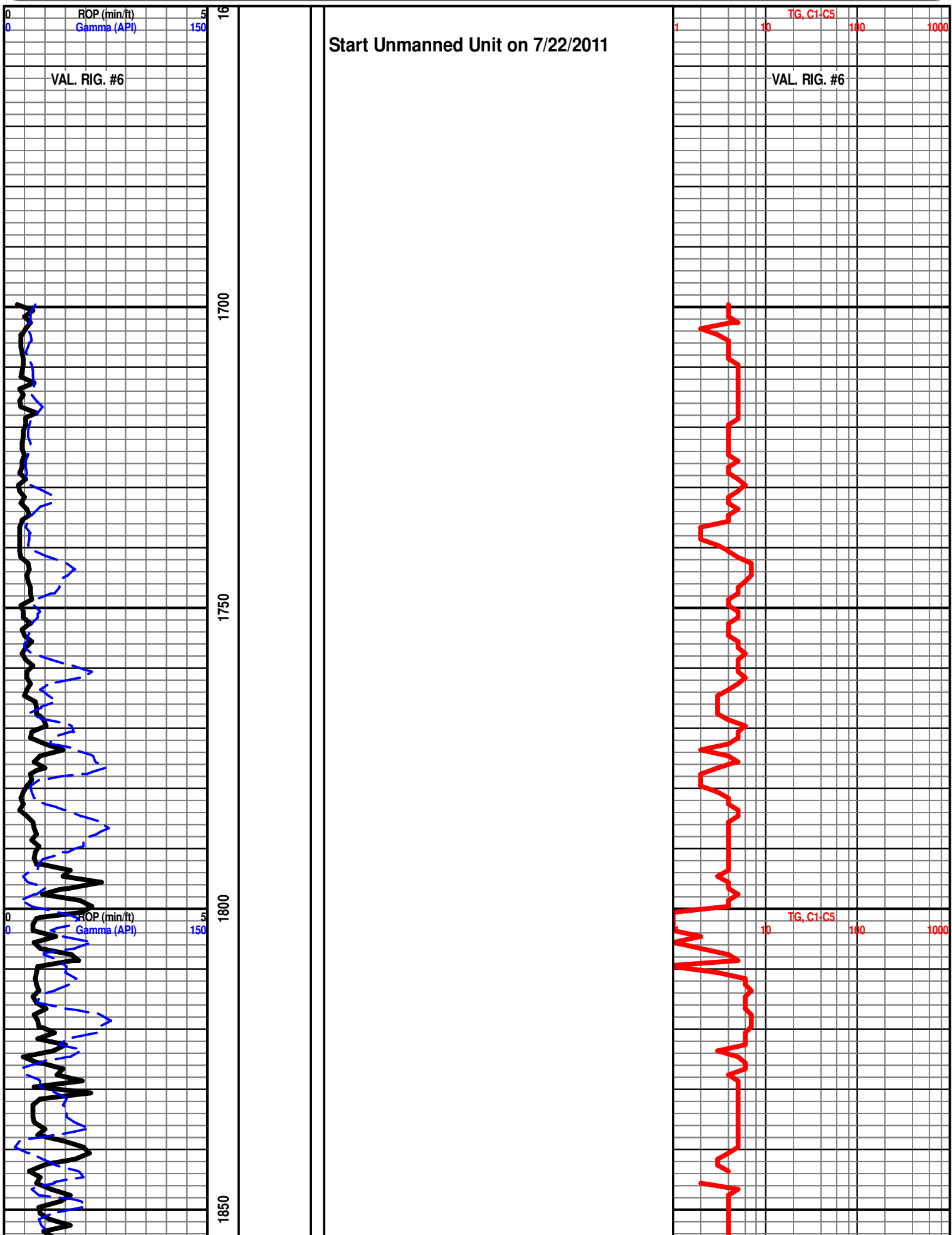
- Even
- Spotted
- Ques
- Dead
- Gas show

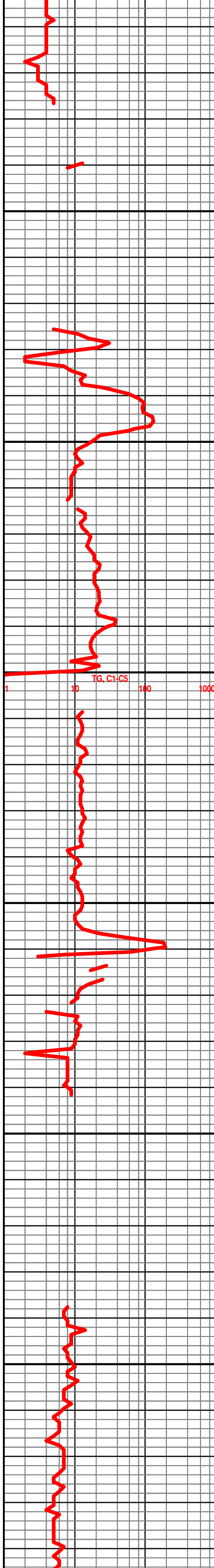
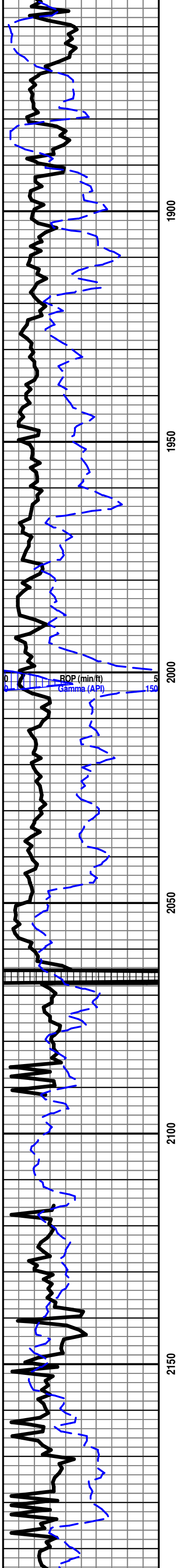
INTERVALS

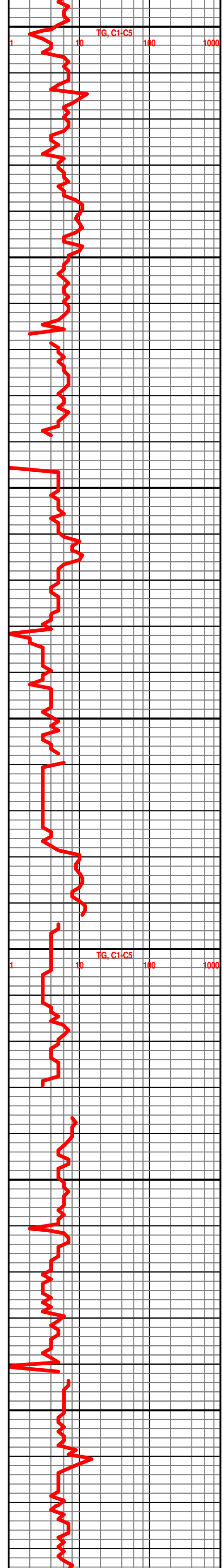
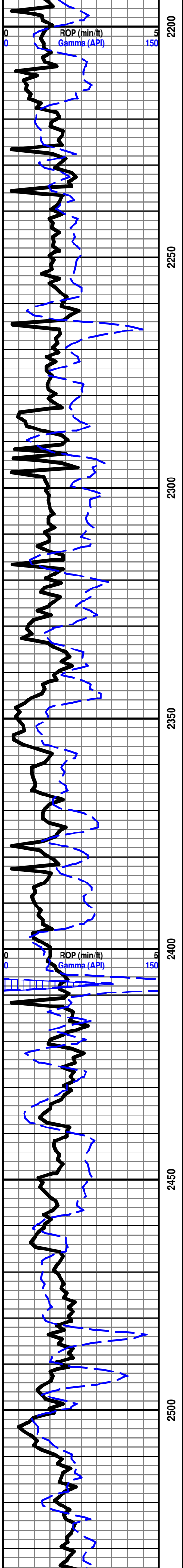
- Core
- Dst
- Dst

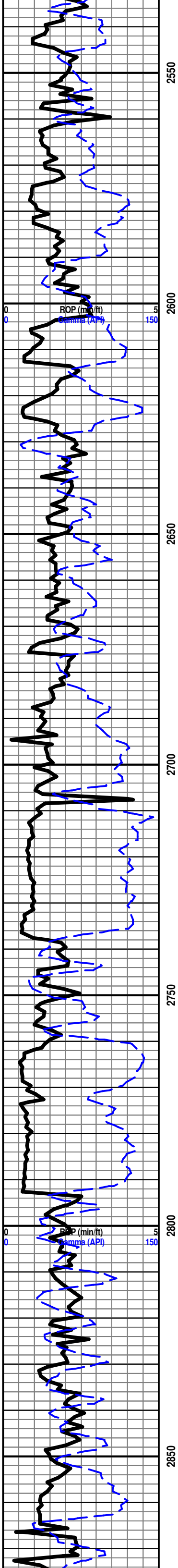
EVENTS

- Rft
- Sidewall

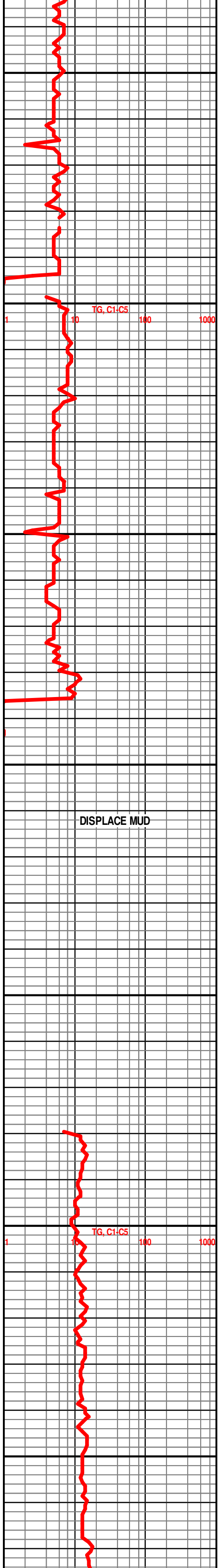




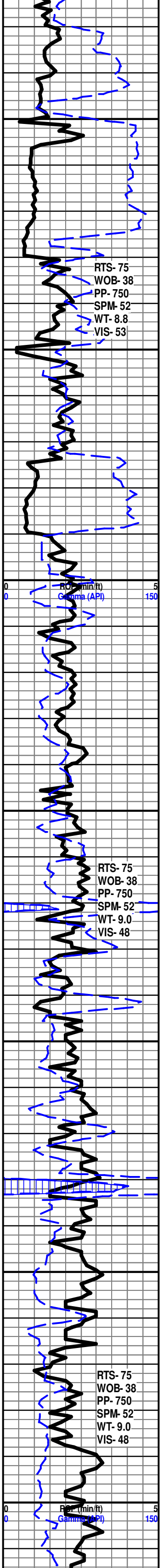




BASE ROOT SHALE 2738' -747'



START MANNED UNIT 07/23/2011 @ 10:00 PM



LS- CRM LT GRY TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, IMBD CALC XLS SCAT IP, IMBD FOSS FRAGS SCAT THRU, SLI TR PYR SCAT IP, TR IMBD GRY SHALE, TR DLL YEL MIN FLO, NO VIS POR, NO VIS CUT, NO VIS SHOW

SH- GRY TO DK GRY DK BRN, FRM, SMTH BLKY

HOWARD 2929' -931'

LS- CRM LT GRY LT TN TO TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, IMBD CALC XLS, IMBD FOSS FRAGS SCAT IP, TR IMBD GRY SHALE, TR DLL YEL MIN FLO, NO VIS POR, NO VIS CUT, NO VIS SHOW

LS- CRM LT TN TO TN, HD DNS TO BRITT, FN XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT IP, IMBD FOSS FRAGS IP, SLI TR IMBD GRY SHALE, NO VIS FLO, NO VIS POR, NO VIS SHOW

SEVERY 2974' -983'

SH- GRY TO DK GRY, FRM TO TR SFT, SMTH BLKY

TOPEKA 2990' -999'

LS- CRM LT TN TO TN, SLI TR STAIN IN 10%, HD DNS TO BRITT, FN XLN TO REXLN MTRX, SLI TR SUCRO TXT SCAT IP, V/SLI TR FRM WHT CHLK SCAT IP, IMBD CALC XLS, SLI TR IMBD GRY SHALE IP, DLL YEL MIN FLO IN 25%, TR PR MICRO PP TO TR FR INTR-XLN POR, GD FLUSH CUT IN 50% TO GD STRONG MLKY BLUE STREAM CUT IN 25%, NO ODOR

LS- CRM OFF WHT LT TN TO TN, HD DNS TO BRITT, FN XLN TO REXLN MTRX, IMBD CALC XLS SCAT THRU, SLI TR SFT WHT CHLK SCAT IP, TR IMBD GRY SHALE, TR DLL YEL FLO TO NO VIS FLO, NO VIS POR, NO VIS CUT, NO VIS SHOW

LS- CRM OFF WHT LT TN TO TN, HD DNS TO BRITT, FN XLN TO REXLN MTRX, IMBD CALC XLS SCAT THRU, SFT WHT CHLK SCAT IP, TR IMBD GRY SHALE, NO VIS FLO, NO VIS POR, NO VIS CUT, NO VIS SHOW

SH- SOFT BLACK CARB SHALE

SH- GRY TO DK GRY, FRM TO TR SFT, BLKY, SLI TR LIMY, SLI CALC

SH- GRY TO DK GRY, FRM, SMTH BLKY

LE COMPTON 3095' -1104'

LS- CRM OFF WHT TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT THRU, FRM TO SFT WHT CHLK SCAT IP, DLL YEL MIN FLO, NO VIS POR, NO VIS SHOW

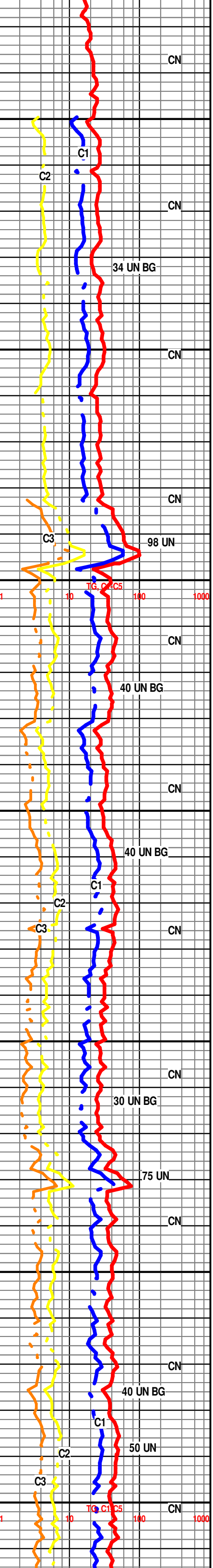
SH- GRY TO DK GRY, FRM, SMTH BLKY

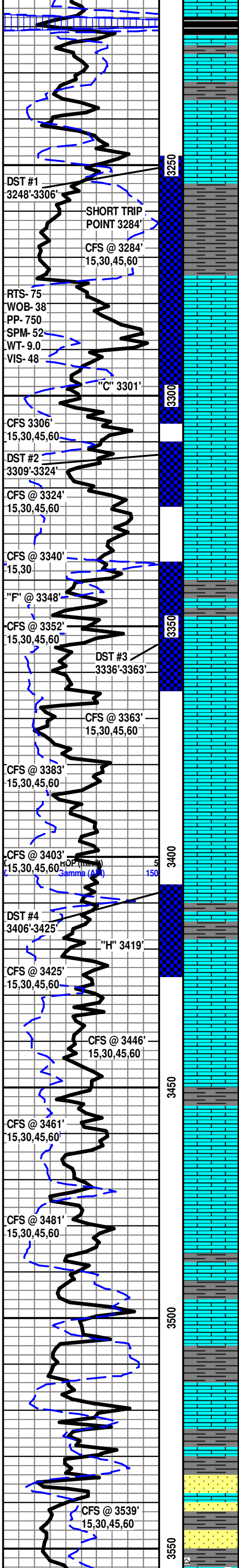
SH- SOFT BLACK CARB SHALE

LS- CRM OFF WHT TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT THRU, FRM TO SFT WHT CHLK SCAT IP, IMBD FOSS FRAGS IP, DLL YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH- GRY TO DK GRY, FRM, SMTH BLKY

LS- CRM LT TN TO TN, STAIN IN 60%, HD DNS TO BRITT, FN XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT THRU, SLI TR SFT WHT CHLK SCAT IP, DEAD OIL STAIN IN THRU, DLL GLD FLO IN 30%, TR PYR SCAT THRU, PR INTR-XLN TO FR PP POR, GD FLUSH CUT THRU TO GD STRONG MLKY BLUE CUT IN 50%, GD OIL ODOR, BRN STAIN ON DISH





HEEBNER 3218' -1227'

LS- CRM OFF WHT LT TN TO TN STAIN IN 15%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT THRU, IMBD FOSS FRAGS IP, SFT WHT CHLK SCAT THRU, DISS PYR SCAT IP, DLL YEL FLO IN 20%, PR PP POR IP, NO FLUSH CUT TO V/PR STREAM CUT, NO ODOR

DOUGLAS 3254' -1263'

SH- GRY TO DK GRY, FRM TO TR SFT, SMTH BLKY TO TR SPLINTY, TR PYR SCAT IP

LANSING 3275' -1284'

LS- CRM OFF WHT TO WHT LT TN TN, STAIN IN 30%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX THRU, SUCRO TXT SCAT THRU, IMBD CALC XLS SCAT THRU, TR SFT WHT CHLK THRU, GLD FLO THRU TO BRIT YEL FLO IN 25%, FR TO TR GD INTR-XLN POR, FR FLUSH CUT THRU TO FR SLOW MLKY BLUE STREAM CUT IN 50%, FR OIL ODOR

LS- CRM LT TN TN, STAIN IN 20%, HD DNS TO BRITT, FN XLN TO REXLN MTRX THRU, SUCRO TXT IP, IMBD CALC XLS SCAT IP, TR FRM WHT CHLK THRU, SLI TR IMBD OOL IP, GLD TO BRIT YEL FLO IN 30%, FR INTR-XLN TO TR MICRO PP POR, PR FLUSH CUT TO FR SLOW MLKY BLUE STREAM CUT IN 10%, FR OIL ODOR

LS- CRM WHT LT TN, STAIN IN 45%, HD DNS TO BRITT, MD XLN TO REXLN MTRX, SLI TR IMBD OOL IP, LIVE OIL IN 20%, GLD TO BRIT YEL FLO IN 45%, GD VUG TO TR FR MICRO PP POR, ECXL INST FLUSH CUT TO GD STRONG MLKY BLUE STREAM CUT IN 70%, GD OIL ODOR, TN STAIN ON DISH

LS- CRM OFF WHT TO WHT, HD DNS TO BRITT, MD XLN TO REXLN MTRX SCAT IP, TR IMBD CALC XLS IP, TR FRM WHT CHLK SCAT IP, NO VIS FLO TO DLL YEL FLO IN 20%, NO VIS POR, NO VIS CUT, NO VIS SHOW

LS- CRM OFF WHT TN, STAIN IN 60%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX THRU, IMBD CALC XLS SCAT IP, IMBD OOL SCAT THRU, GLD TO BRIT YEL FLO IN 45%, FR TO GD VUG TO OOLCST POR, GD FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT IN 55%, GD OIL ODOR, TN STAIN ON DISH

LS- CRM OFF WHT WHT LT TN, STAIN IN 35%, HD DNS TO BRITT, MD XLN TO REXLN MTRX IP, IMBD CALC XLS SCAT IP, TR SFT WHT CHLK SCAT THRU, DLL GLD TO BRIT YEL FLO IN 25%, FR VUG TO GD MICRO PP POR, GD FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT THRU, FR OIL ODOR, TN STAIN ON DISH

LS- CRM OFF WHT LT TN TO TN, STAIN IN 50%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, SLI TR IMBD CALC XLS SCAT THRU, OOL MOLD THRU, FRM WHT CHLK SCAT THRU, DLL GLD TO BRIT FLO IN 60%, FR TO GD OOLCST TO TR FR VUG POR, GD INST FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT IN 50%, GD OIL ODOR, LT TN STAIN ON DISH

LS- CRM OFF WHT LT TN TO TN, STAIN IN 10%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, SLI TR SUCRO TXT IP, IMBD CALC XLS SCAT IP, SLI TR FRM WHT CHLK SCAT IP, DLL YEL FLO TO BRIT YEL FLO IN 15%, FR TO TR GD INTR-XLN TO TR FR MICRO PP POR, FR FLUSH CUT THRU TO GD SLOW MLKY BLUE STREAM CUT IN 25%, PR OIL ODOR, VLT TN STAIN ON DISH

LS- CRM OFF WHT TN, STAIN IN 40%, HD DNS TO BRITT, FN XLN TO REXLN MTRX, TR SUCRO TXT, IMBD CALC XLS SCAT THRU, TR SFT WHT CHLK SCAT IP, TR IMBD FOSS FRAGS, DLL YEL FLO TO BRIT YEL FLO IN 35%, GD INTR-XLN TO TR GD PP POR, GD FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT IN 45%, FR OIL ODOR, TN STAIN ON DISH

LS- CRM LT TN TO TN OFF WHT, STAIN IN 25%, HD DNS, MD XLN TO REXLN MTRX IP, SUCRO TXT SCAT THRU, IMBD CALC XLS THRU, TR SFT WHT CHLK SCAT IP, TR DOS IN 15%, GLD TO BRIT YEL FLO IN 20%, FR TO GD INTR-XLN TO GD MICRO PP POR, GD INST FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT THRU, GD OIL ODOR, TN STAIN ON DISH

LS- CRM LT TN TO TN, STAIN IN 15%, HD DNS TT, MD XLN TO REXLN MTRX IP, SUCRO TXT SCAT THRU, IMBD CALC XLS THRU, GLD FLO IN 30%, PR TO FR INTR-XLN TO FR VUG TO POSS FRAC POR, FR FLUSH CUT THRU TO GD SLOW MLKY BLUE STREAM CUT IN 30%, GD OIL ODOR

LS- CRM LT TN TO TN, STAIN IN 5%, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, TR IMBD CALC XLS SCAT THRU, TR IMBD FOSS FRAGS SCAT IP, FRM TO TR SFT WHT CHLK SCAT THRU, DLL YEL FLO THRU, PR TO FR INTR-XLN TO TR V/PR VUG POR, NO VIS CUT, NO VIS SHOW

SH- GRY TO DK GRY, FRM, SMTH BLKY, SLI LIMY

LS- CRM OFF WHT LT TN TO TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, IMBD CALC XLS SCAT IP, FRM WHT CHLK SCAT IP, DLL YEL FLO THRU, NO VIS POR, NO VIS CUT, NO VIS SHOW

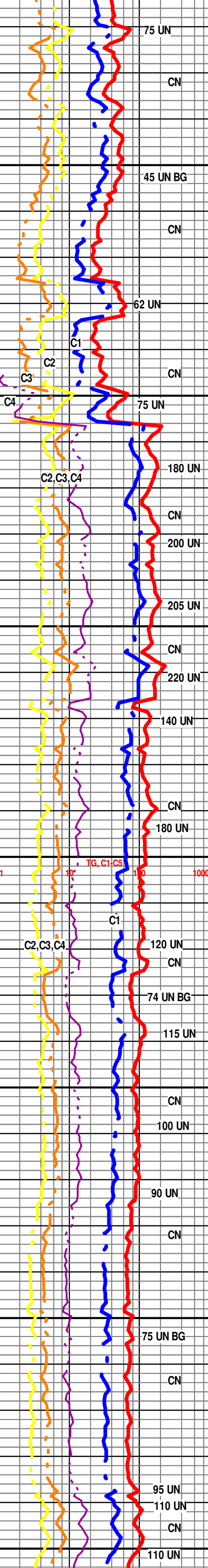
BKC 3505' -1514'

SH- GRY TO DK GRY, SFT TO SLI GUMMY, BLKY

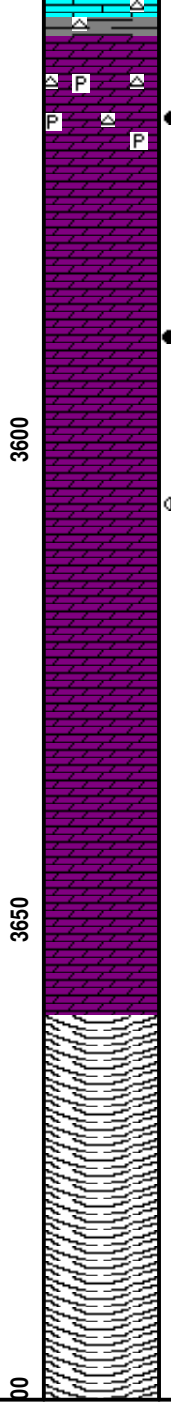
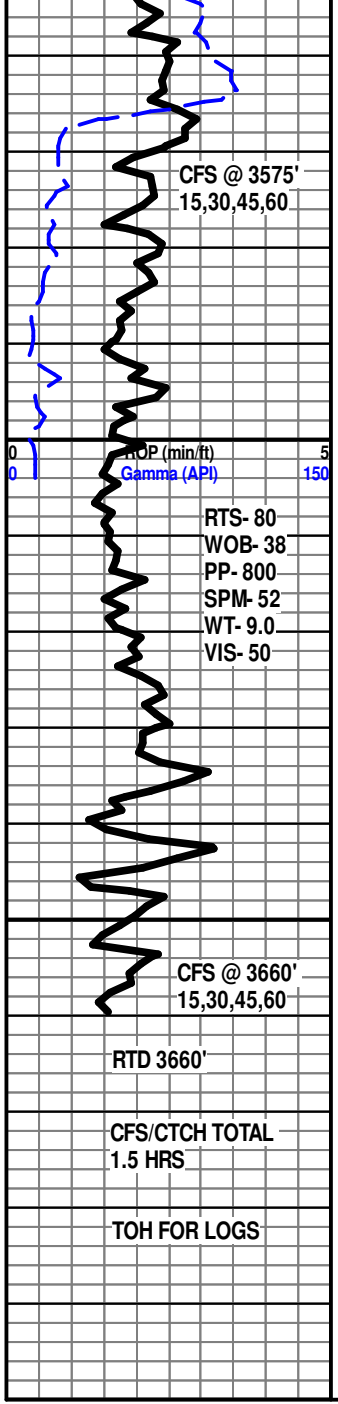
LS- CRM OFF WHT LT TN TO TN, HD DNS TO BRITT, FN TO MD XLN TO REXLN MTRX, IMBD CALC XLS SCAT IP, SFT WHT CHLK SCAT IP, DOS IN 15%, DLL YEL FLO THRU, NO VIS POR, INST FLUSH CUT TO GD STROMG STREAM CUT IN 30%, NO OIL ODOR

SS- FRSTY DK TN TO TN, DK STAIN IN 30%, HD TT TO FRI, TN GRNS, FN GRN, S/ANG TO TR RND, FR SRT, CALC CMNT, TR IMBD SHALE, V/SLI TR CHLK, DLL YEL GLD FLO IN 45%, FR TO GD INTR-XLN POR TO TR FR PP, FR FLUSH CUT TO GD SLOW MLKY BLUE STREAM CUT IN 30%, PR OIL ODOR, VLT STAIN ON DISH

SS- DK TN TO TN, DK STAIN IN 60%, HD TT TO FRI, TN TO DK TN GRNS, V/FN GRN, S/ANG TO TR RND, FR TO WELL SRT, CALC CMNT, TR IMBD SHALE, DLL YEL GLD FLO IN 60%, FR TO GD INTR-XLN POR TO TR FR PP, GD INST FLUSH CUT THRU TO GD STRONG MLKY BLUE STREAM CUT IN 50%, PR OIL ODOR, DK TN STAIN ON DISH



ARBUCKLE @ 3558' - 1567'



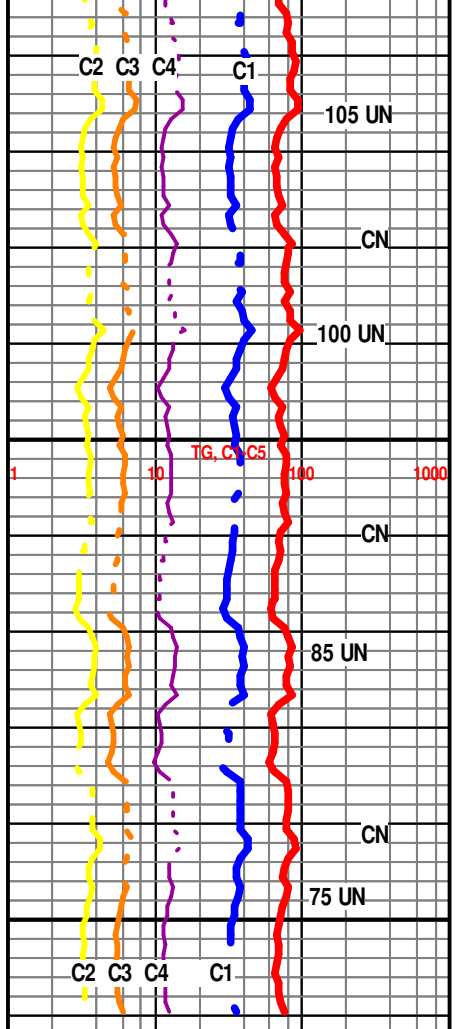
DOL- GRY LT TN TO TN OFF WHT, STAIN IN 40%, HD DNS TO BRITT, V/FN TO FN XLN, REXLN MTRX THRU, SUCRO TXT THRU, IMBD ABDT SM S/RND DOL GRNS, TR YELISH WHT CHRT SCAT IP, TR SFT WHT CHLK SCAT THRU, IMBD PYR SCAT IP, DLL GLD TO TR BRIT FLO IN 55%, FR TO TR GD INTR-XLN POR, GD INST FLUSH CUT THRU, TO GD SLOW MLKY BLUE CUT IN 40%, GD OIL ODOR, LT BRN STAIN ON DISH

DOL- LT TN TO TN OFF WHT, STAIN IN 10%, HD DNS TO BRITT, V/FN TO FN XLN, REXLN MTRX THRU, SUCRO TXT THRU, IMBD ABDT SM S/RND DOL GRNS, TR YELISH WHT CHRT SCAT IP, DLL GLD FLO THRU, FR INTR-XLN TO SLI TR FR VUG POR, GD FLUSH CUT THRU, TO GD SLOW MLKY BLUE CUT IN 15%, FR OIL ODOR, LT BRN STAIN ON DISH

DOL- OFF WHT TO WHT LT GRY, HD DNS TO BRITT, FN XLN, REXLN MTRX THRU, SUCRO TXT THRU, IMBD ABDT MD S/ANG DOL GRNS, TR SFT WHT CHLK IP, DLL GLD TO YEL FLO THRU, FR INTR-XLN TO FR VUG POR, GD FLUSH CUT THRU, TO PR SLOW MLKY BLUE CUT IN 5%, PR OIL ODOR

DOL- OFF WHT TO WHT, HD DNS TO BRITT, FN XLN, REXLN MTRX THRU, IMBD ABDT MD S/ANG DOL GRNS, SLI TR SFT WHT CHLK IP, DLL YEL FLO THRU, FR INTR-XLN POR, NO VIS CUT, NO VIS SHOW

DOL- OFF WHT TO WHT CRM LT TN, HD DNS TO BRITT, FN XLN, REXLN MTRX THRU, IMBD ABDT MD S/ANG TO AND DOL GRNS, SLI TR SFT WHT CHLK IP, DLL YEL FLO THRU, FR TO GD INTR-XLN TO FR VUG POR, NO VIS CUT, NO VIS SHOW



TD 3660' @ 5:30 PM 07/28/2011

LOGS BY WEATHERFORD

THANK YOU FOR CHOOSING EARTHTECH

SAMPLES WILL BE DELIVERED TO KGS

LOG COMPLETED BY
JASON MARSHALL