



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1070245
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1070245

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

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

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
----------------	-------	---------	------------	---

Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	ROHLER TRUST ET AL 1-11
Doc ID	1070245

All Electric Logs Run

DIL
MICRO
POR
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

December 13, 2011

CLAYTON CAMOZZI
Samuel Gary Jr. & Associates, Inc.
1515 WYNKOOP, STE 700
DENVER, CO 80202

Re: ACO1
API 15-051-26175-00-00
ROHLEDER TRUST ET AL 1-11
SW/4 Sec.11-12S-17W
Ellis 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 303-831-4673.

Respectfully,
CLAYTON CAMOZZI



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: 8/22/2011
 Invoice # 5275

P.O.#:
 Due Date: 9/21/2011
 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 LOB GG

Account	8200-138
Well/Prospect	ROHLEDER TRUST
Deck	ET AL 1-11
AFE	
Approval	<i>[Signature]</i>
Description	

Reference:
 ROHLEDER TRUST ET AL 1-11

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 977.42	No				
Common-Class A	160	\$ 2,089.46	Yes				
Bulk Truck Matl-Material Service Charge	168	\$ 359.66	No				
Pump Truck Mileage-Job to Nearest Camp	24	\$ 256.39	No				
Calcium Chloride	5	\$ 201.56	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	24	\$ 150.03	No				
Premium Gel (Bentonite)	3	\$ 52.28	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 4,086.81
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (613.02)

SubTotal for Taxable Items: \$ 1,991.81
 SubTotal for Non-Taxable Items: \$ 1,481.98

6.30% Ellis County Sales Tax

Total: \$ 3,473.79
 Tax: \$ 125.48

Thank You For Your Business!

Amount Due: \$ 3,599.27
Applied Payments:
Balance Due: \$ 3,599.27

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

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

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

No. 5275

Date	8/18/11	Sec.	11	Twp.	12	Range	17	County	Ellis	State	KS	On Location		Finish	12:00 AM	
Lease	ROHLER TRUST #1-11							Location	Codell Rd. & Key Rd. 1/4 N.E. into							
Contractor	Discovery Drilling Rig #4							Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job	Surface							Charge To	Sam Gary Jr. + Associates							
Hole Size	12 1/4"			T.D.	265'			Depth	265'							
Csg.	8 5/8"			Depth												
Tbg. Size								Street								
Tool								City	State							
Cement Left in Csg.	15'			Shoe Joint												
Meas Line								Displace	16 Ahls.			Cement Amount Ordered	160s x Com 3% U 2% gel			

EQUIPMENT

Pumptrk	9	No.	Cement Helper	Paul	Common	160
Bulktrk	14	No.	Driver	Matt	Poz. Mix	
Bulktrk	PV	No.	Driver	Doug	Gel.	3

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est. Circ.	Sand
Mix 160s x	Handling 168
Displace	Mileage
Cement Circulated	

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Pumptrk Charge Surface
Mileage 24

Tax
Discount
Total Charge

Thank You!!
Signature: *[Handwritten Signature]*



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: 8/29/2011
 Invoice # 4603

P.O.#:

Due Date: 9/28/2011

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	KOHLER TRUST
Deck	
AFE	
Approval	[Signature]
Description	

BT
 AL
 F-11

Reference:
 ROHLER TRUST ET AL 1-11

Description of Work:
 PROD LONG STRING

Services / Items Included:

	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No	Auto Fill Float Shoe, 5 1/2"	1	\$323.00	Yes
Common-Class A	225	\$ 2,897.50	Yes	Salt (Fine)	19	\$279.98	Yes
Cement Port Collar, 5 1/2"	1	\$ 2,638.89	Yes	Latch Down Plug & Baffle, 5 1/2"	1	\$236.44	Yes
Gilsonite	1057	\$ 1,673.58	Yes	Pump Truck Mileage-Job to Nearest Camp	23	\$242.29	No
CFL 117	176	\$ 1,144.39	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	23	\$141.78	No
5 1/2" Basket	4	\$ 971.11	Yes	KCL	2	\$63.04	Yes
5 1/2" Turbolizer	9	\$ 551.00	Yes				
CD-110	117	\$ 494.00	Yes				
Bulk Truck Mat-Material Service Charge	225	\$ 475.00	No				
Mud Clear	500	\$ 390.56	Yes				
Defoamer A or CAF-38	50	\$ 369.44	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 13,855.86
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (2,078.38)

SubTotal for Taxable Items: \$ 10,227.99
 SubTotal for Non-Taxable Items: \$ 1,549.48

6.30% Ellis County Sales Tax

Total: \$ 11,777.48
 Tax: \$ 644.36

Amount Due: \$ 12,421.84
Applied Payments:
Balance Due: \$ 12,421.84

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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Lease <i>26-11</i>	Sec.	Twp.	Range	County <i>Ellis</i>	State <i>Ks</i>	On Location	Finish <i>5000</i>
<i>Bohler Trust</i>	Well No. <i>ETA-1-1-11</i>		Location <i>Cozell Rd & Buckeye Rd 1/4 N E 1/4</i>				
Contractor <i>Discovery Drly Rig 4</i>				Owner			
Type Job <i>prod Long String</i>				To Quality Oilwell Cementing, Inc.			
Hole Size <i>7 7/8</i>				T.D. <i>3750</i>			
Csg. <i>5 1/2</i>				Depth <i>3742</i>			
Tbg. Size				Depth			
Tool				Depth			
Cement Left in Csg. <i>22</i>				Shoe Joint <i>21.26</i>			
Meas Line <i>15.50 ft</i>				Displace <i>68 3/4</i>			
EQUIPMENT				The above was done to satisfaction and supervision of owner agent or contractor. Cement Amount Ordered <i>225 @ pro c 10% salt</i> <i>5% gilsonite 1/4 flowseal per sk 2% CD 110</i> Common <i>8% CFL-117 .25% CAF-38 20 BBL</i> Poz. Mix <i>500 gal mud clear KCL</i> Gel.			
Pumptrk <i>5</i> No.	Cementer	<i>Crav</i>					
Bulktrk <i>14</i> No.	Driver	<i>Gary</i>					
Bulktrk <i>2</i> No.	Driver	<i>Dave</i>					
JOB SERVICES & REMARKS				Calculated <i>CD 110 117#</i> H ₂ O <i>KCL 2 gal</i> Salt <i>19</i> Flowseal <i>56#</i> Kol-Seal <i>1057</i> Mud CLR 48 <i>500 gal</i> CFL-117 or CD110 CAF 38 <i>50#</i> Sand <i>CFL 117 176#</i> Handling Mileage			
Remarks:							
Rat Hole <i>30 #k</i>							
Mouse Hole <i>15 #k</i>							
Centralizers <i>1,3,5,7,9,11,13,15,59</i>							
Baskets <i>60 1,3,9</i>							
DN or Port Collar <i>#60</i>							
<i>Est Circ in 1 Hr</i>							
<i>500 gal mud clear 48 mixed cement. shut down clean lines. Released plug displaced 88 3/4 BBL. Loaded plug @ 1400 psi. LIFT pressure @ 800 psi. Float held</i>							
FLOAT EQUIPMENT							
Guide Shoe							
Centralizer <i>9</i>							
Baskets <i>4</i>							
AFU Inserts							
Float Shoe <i>1</i>							
Latch Down <i>1</i>							
<i>port collar Rotating Head</i>							
Pumptrk Charge <i>prod Long String</i>							
Mileage <i>23</i>							
Tax							
Discount							
Total Charge							
X Signature <i>[Signature]</i>							

Thanky

X Signature *[Signature]*



DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.21 @ 00:00:00

End Date:

Job Ticket #: 44293 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

TOOL DIAGRAM

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44293

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2011.08.21 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: - bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	lb
Depth to Top Packer:	3296.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	67.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3262.00	
Drill Pipe	5.00			3267.00	
Recorder	0.00	8369	Fluid	3267.00	
Shut In Tool	5.00			3272.00	
Sampler	2.00			3274.00	
Hydraulic tool	5.00			3279.00	
Jars	5.00			3284.00	
Safety Joint	2.00			3286.00	
Packer	5.00			3291.00	35.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Recorder	0.00	6753	Inside	3297.00	
Recorder	0.00	8319	Outside	3297.00	
Perforations	28.00			3325.00	
Bullnose	3.00			3328.00	32.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates ,Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44293

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2011.08.21 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud	0.568

Total Length: 60.00 ft Total Volume: 0.568 bbl

Num Fluid Samples: 0

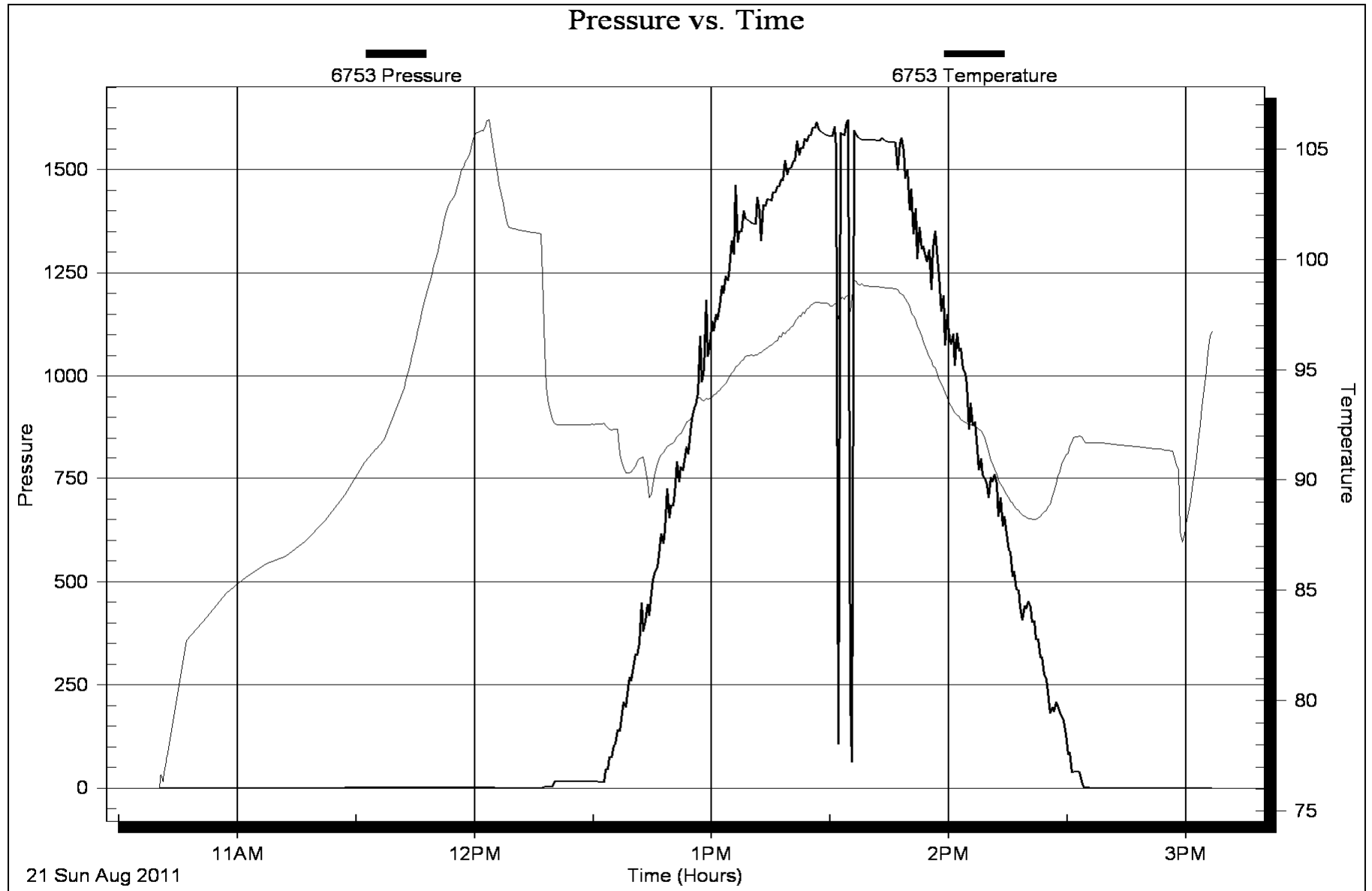
Num Gas Bombs: 0

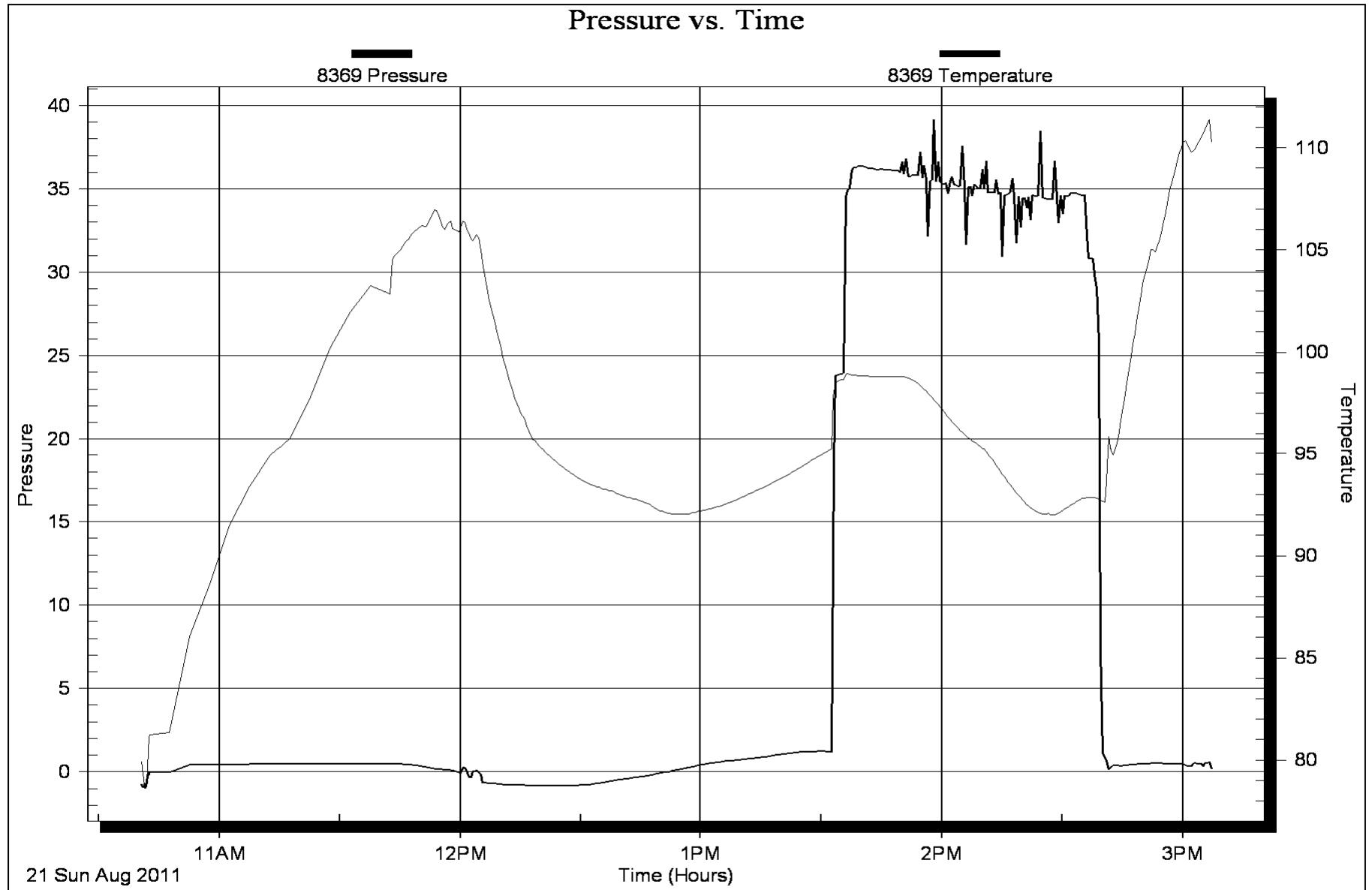
Serial #:

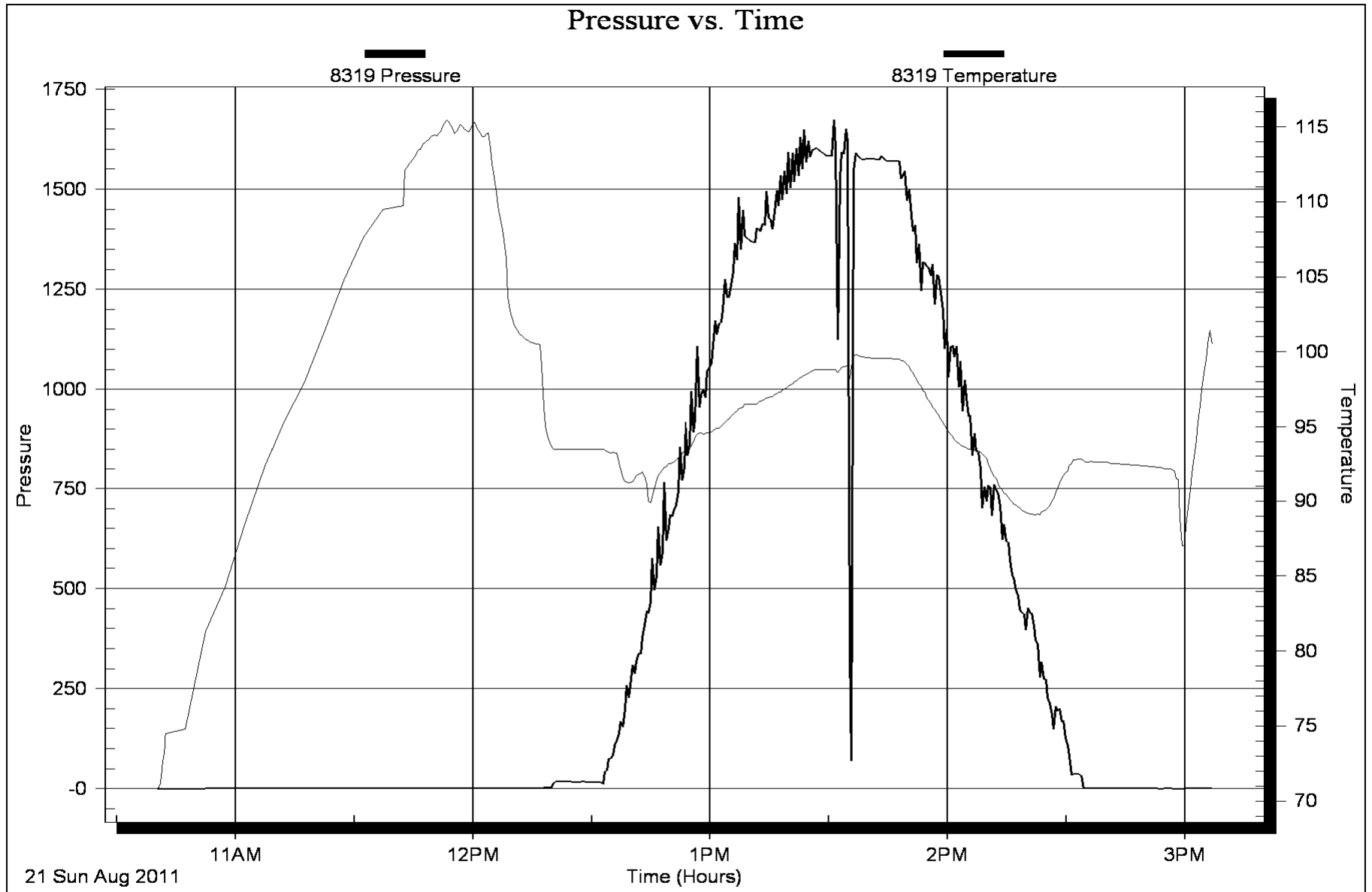
Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data









DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.21 @ 20:30:34

End Date: 2011.08.22 @ 03:09:34

Job Ticket #: 44294 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

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44294

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2011.08.21 @ 20:30:34

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:21:04

Time Test Ended: 03:09:34

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3296.00 ft (KB) To 3328.00 ft (KB) (TVD)

Reference Elevations: 2154.00 ft (KB)

Total Depth: 3328.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press @ Run Depth: 47.27 psig @ 3297.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.21

End Date:

2011.08.22

Last Calib.:

2011.08.22

Start Time: 20:30:39

End Time:

03:09:33

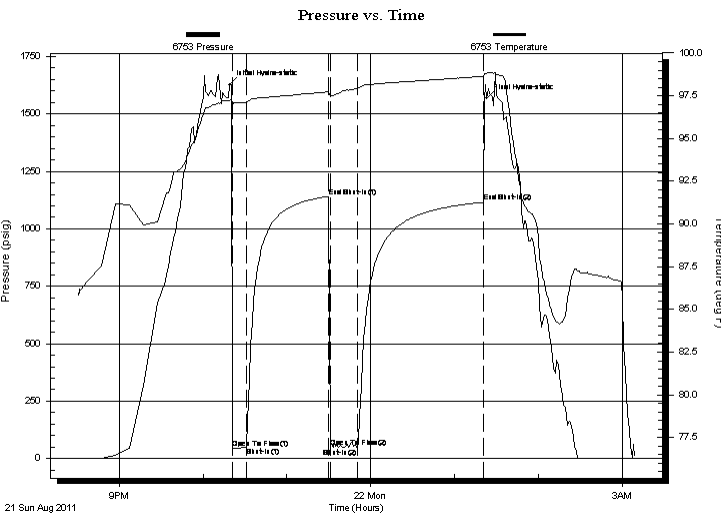
Time On Btm:

2011.08.21 @ 22:19:04

Time Off Btm:

2011.08.22 @ 01:23:04

TEST COMMENT: 10min IF-Very weak surface blow
60min ISI-No blow
20min FF-No blow
90min FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.63	97.24	Initial Hydro-static
2	45.69	96.85	Open To Flow (1)
12	48.72	97.12	Shut-In(1)
71	1141.08	97.73	End Shut-In(1)
72	48.20	97.43	Open To Flow (2)
92	47.27	97.91	Shut-In(2)
182	1115.36	98.63	End Shut-In(2)
184	1566.89	98.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud	0.22

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44294

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2011.08.21 @ 20:30:34

Tool Information

Drill Pipe:	Length: 3260.00 ft	Diameter: 3.80 inches	Volume: 45.73 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume:</u>	Tool Chased	7.00 ft
			- bbl	String Weight: Initial	44000.00 lb
Drill Pipe Above KB:	27.00 ft			Final	44000.00 lb
Depth to Top Packer:	3296.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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

Change Over Sub	1.00			3264.00	
Drill Pipe	5.00			3269.00	
Recorder	0.00	8369	Fluid	3269.00	
Shut In Tool	5.00			3274.00	
Hydraulic tool	5.00			3279.00	
Jars	5.00			3284.00	
Safety Joint	2.00			3286.00	
Packer	5.00			3291.00	33.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Recorder	0.00	6753	Inside	3297.00	
Recorder	0.00	8319	Outside	3297.00	
Perforations	28.00			3325.00	
Bullnose	3.00			3328.00	32.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44294

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2011.08.21 @ 20:30:34

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	mud	0.218

Total Length: 35.00 ft Total Volume: 0.218 bbl

Num Fluid Samples: 0

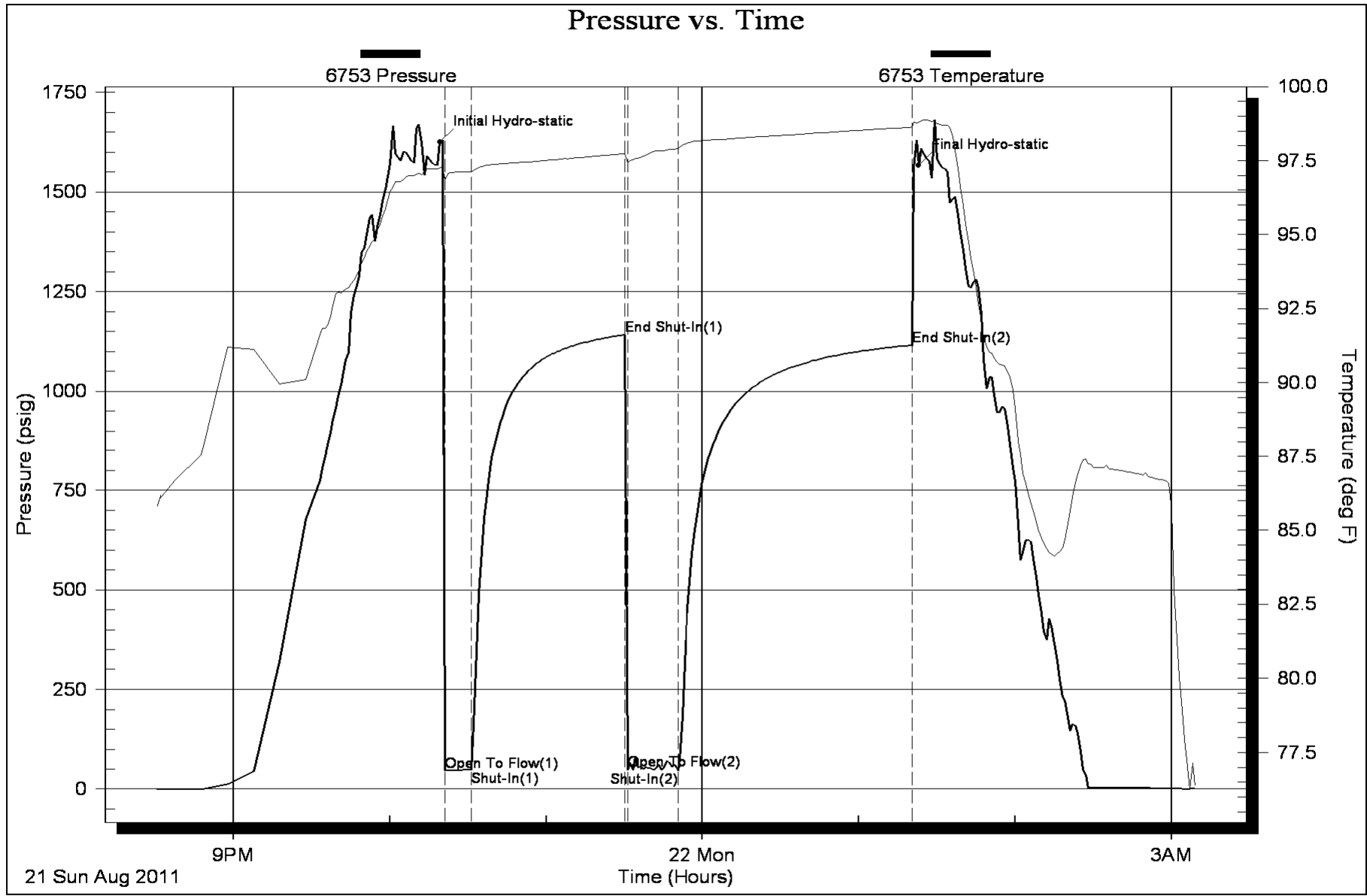
Num Gas Bombs: 0

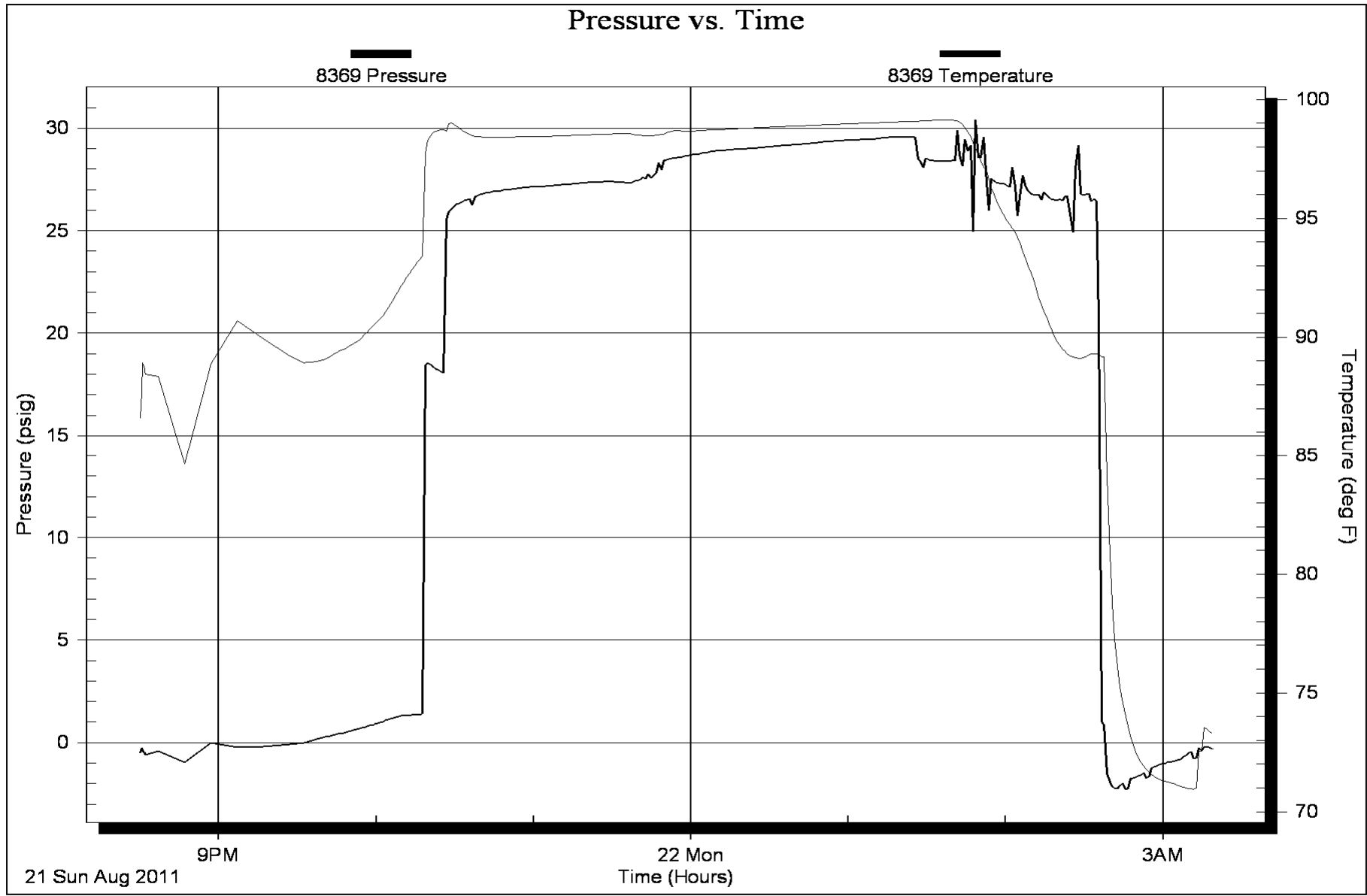
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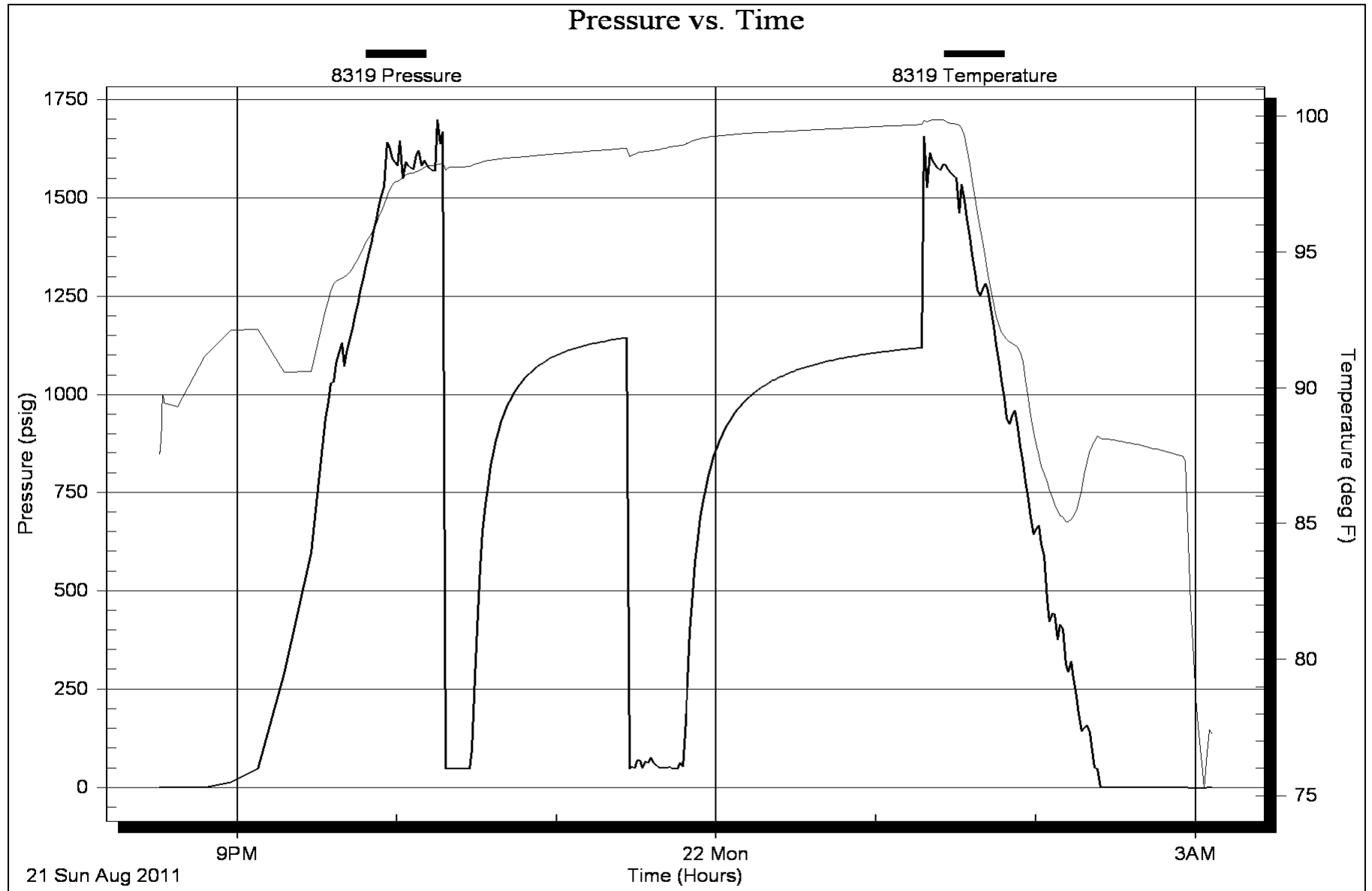
Laboratory Name:

Laboratory Location:

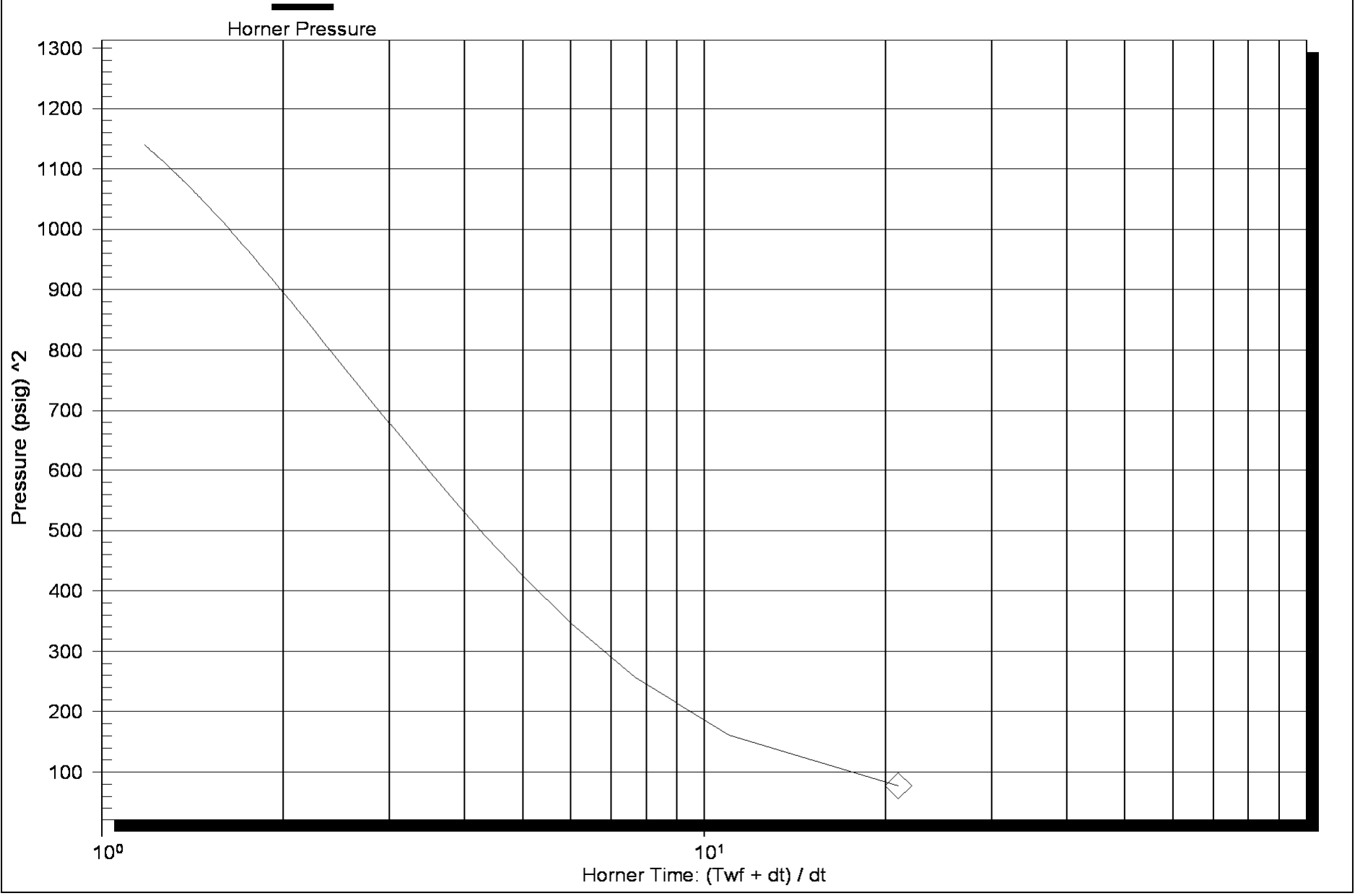
Recovery Comments: Sampler Data 3000ml mud 260PSI



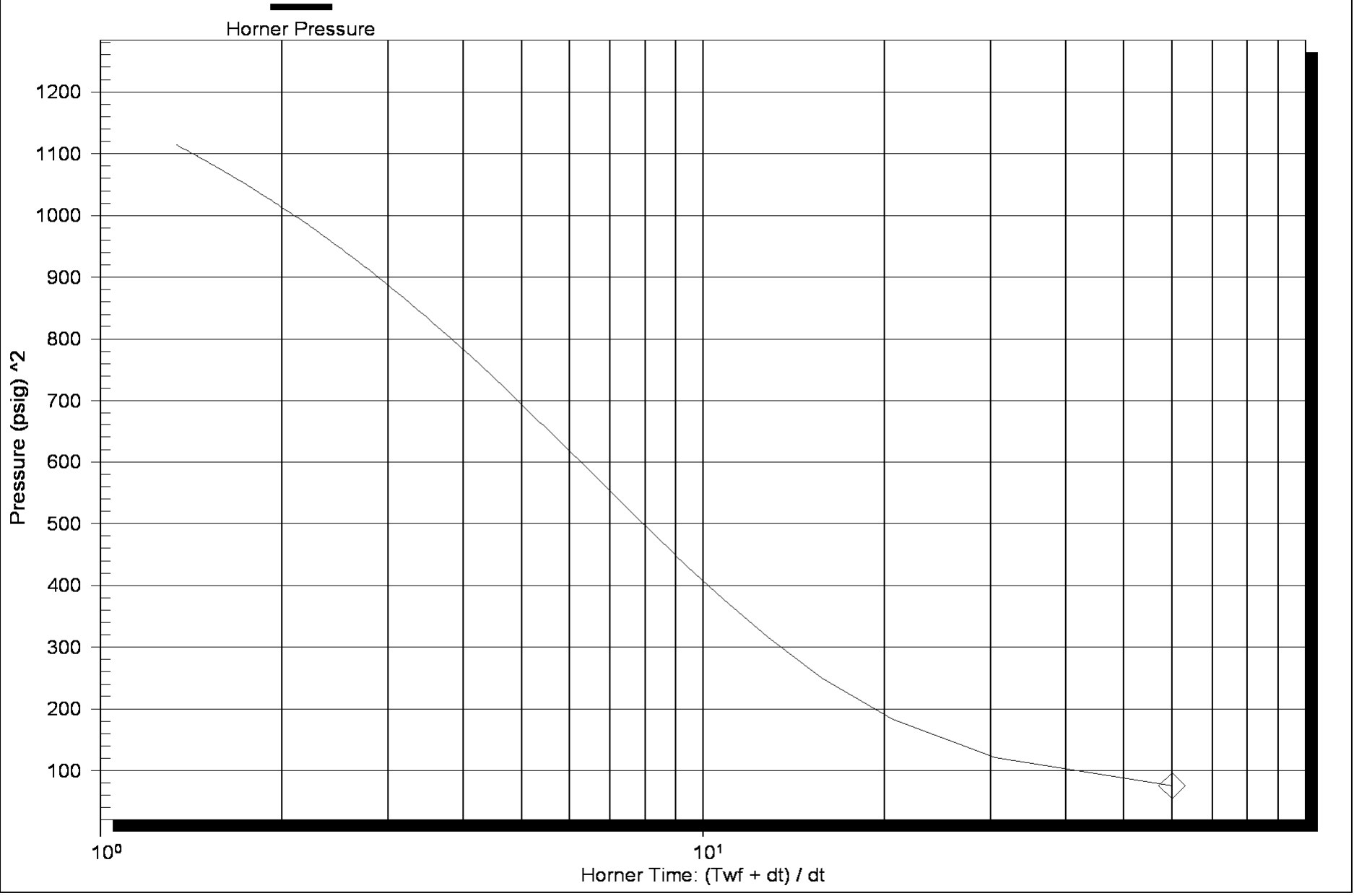




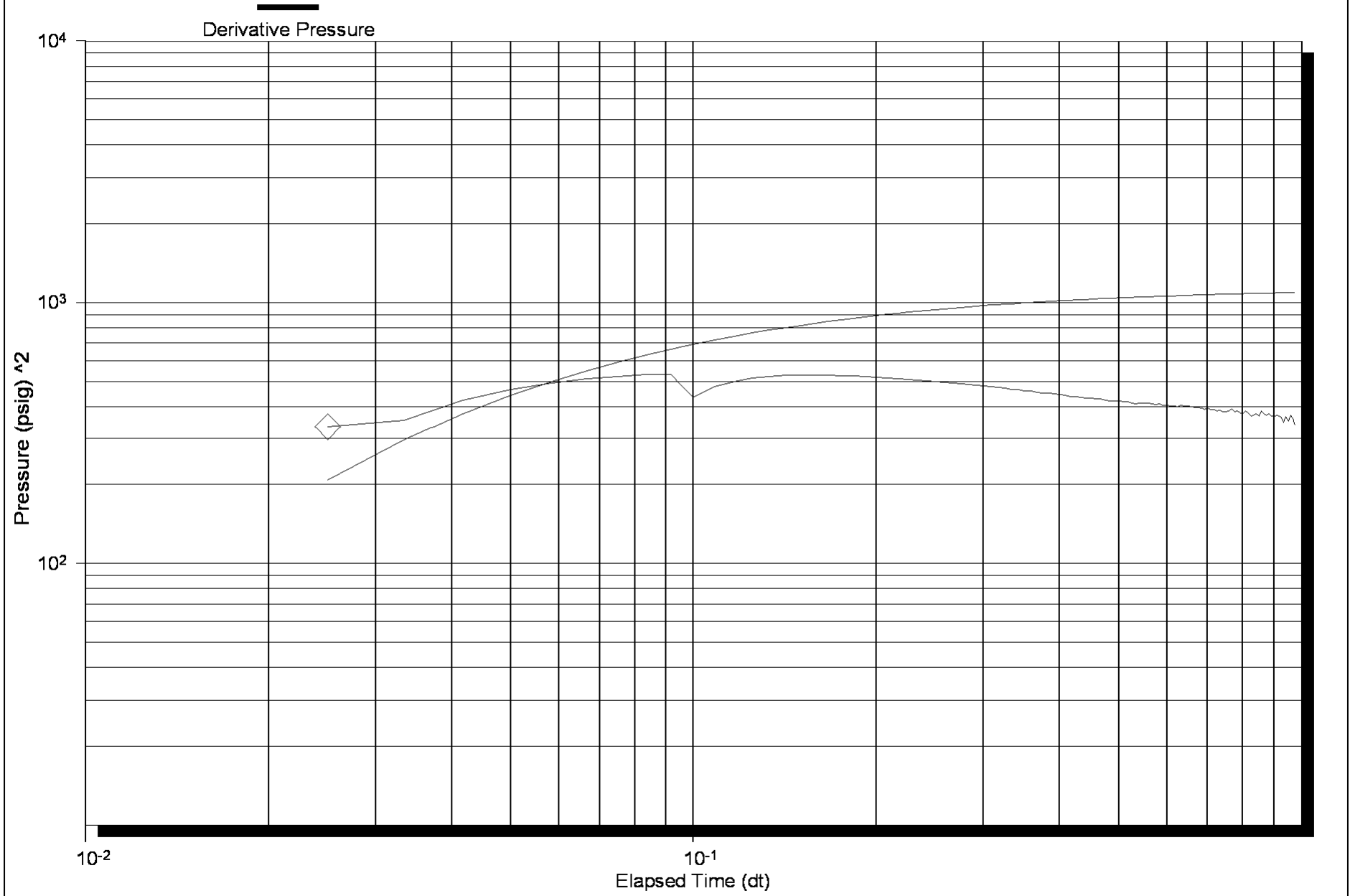
Horner Plot



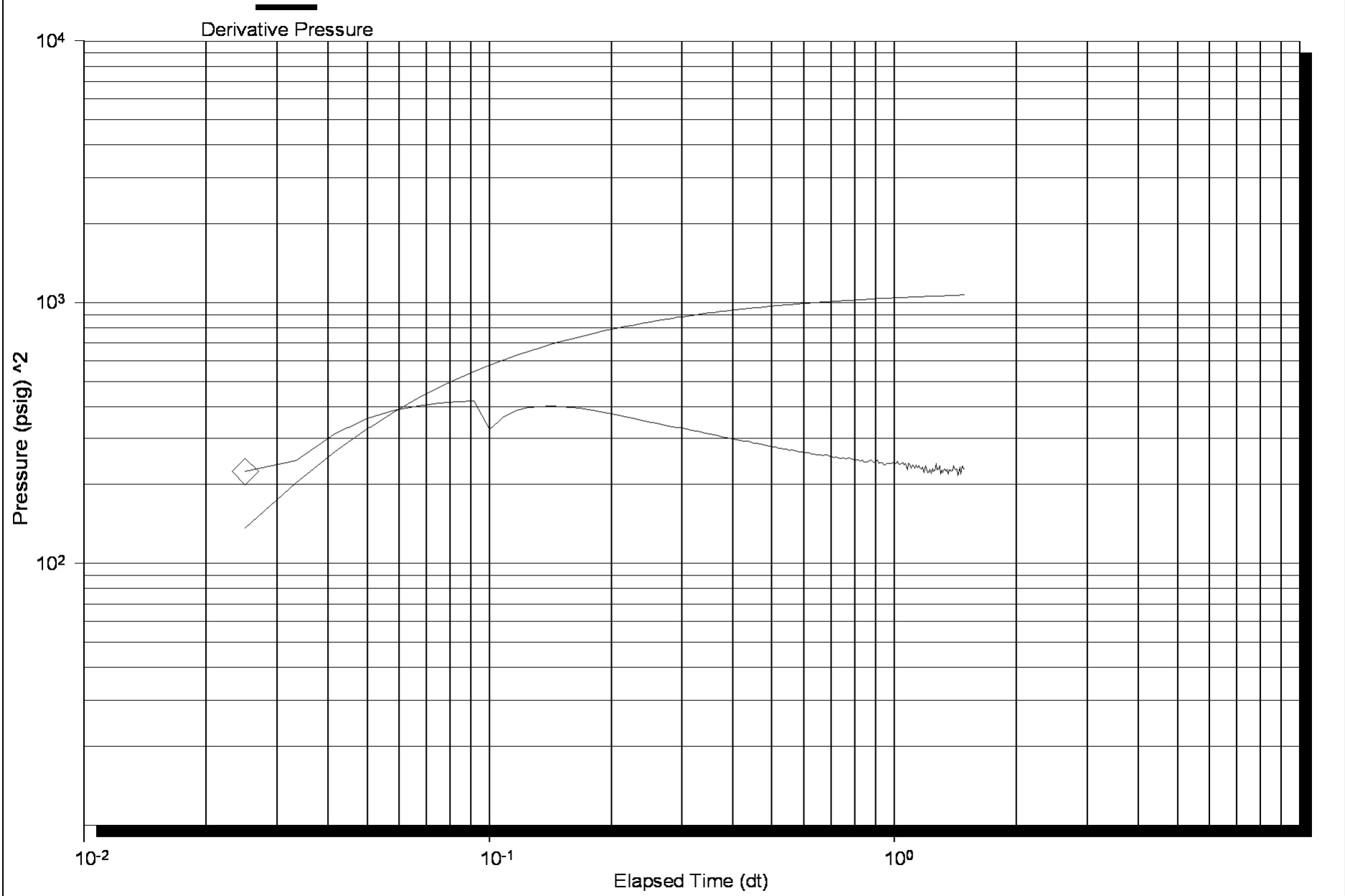
Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.22 @ 18:20:23

End Date: 2011.08.23 @ 02:28:23

Job Ticket #: 44295 DST #: 3

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

ATTN: Clayton Camozzi

Job Ticket: 44295

DST#: 3

Test Start: 2011.08.22 @ 18:20:23

GENERAL INFORMATION:

Formation: **KC "C,D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:43:53

Time Test Ended: 02:28:23

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3404.00 ft (KB) To 3446.00 ft (KB) (TVD)

Reference Elevations: 2154.00 ft (KB)

Total Depth: 3446.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press @ Run Depth: 62.70 psig @ 3409.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.22

End Date:

2011.08.23

Last Calib.:

2011.08.23

Start Time: 18:20:28

End Time:

02:28:22

Time On Btm:

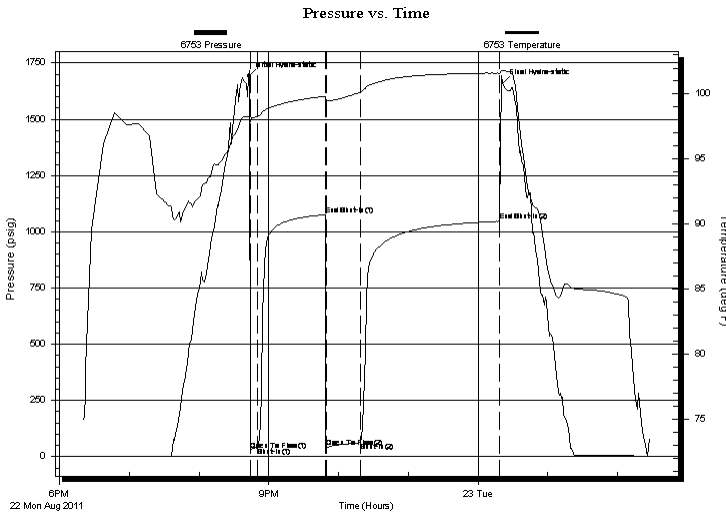
2011.08.22 @ 20:42:23

Time Off Btm:

2011.08.23 @ 00:21:23

TEST COMMENT: 5min IF-41/2in blow
60min ISI-No blow
30min FF-BOB in 3min
120min FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1690.60	98.29	Initial Hydro-static
2	30.10	97.90	Open To Flow (1)
8	42.28	98.28	Shut-In(1)
66	1075.63	99.82	End Shut-In(1)
67	41.61	99.51	Open To Flow (2)
97	62.70	100.15	Shut-In(2)
217	1046.74	101.61	End Shut-In(2)
219	1659.85	101.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	SGMCO 10%G 70%O 20%M	1.34
0.00	370ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr. Associates ,Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44295

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2011.08.22 @ 18:20:23

Tool Information

Drill Pipe:	Length: 3356.00 ft	Diameter: 3.80 inches	Volume: 47.08 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	45000.00 lb
			<u>Total Volume:</u>	Tool Chased	2.00 ft
			- bbl	String Weight: Initial	44000.00 lb
Drill Pipe Above KB:	15.00 ft			Final	45000.00 lb
Depth to Top Packer:	3404.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	75.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3372.00	
Drill Pipe	5.00			3377.00	
Recorder	0.00	8369	Fluid	3377.00	
Shut In Tool	5.00			3382.00	
Hydraulic tool	5.00			3387.00	
Jars	5.00			3392.00	
Safety Joint	2.00			3394.00	
Packer	5.00			3399.00	33.00 Bottom Of Top Packer
Packer	5.00			3404.00	
Packer - Shale	0.00			3404.00	
Stubb	1.00			3405.00	
Perforations	4.00			3409.00	
Recorder	0.00	6753	Inside	3409.00	
Recorder	0.00	8319	Outside	3409.00	
Change Over Sub	1.00			3410.00	
Blank Spacing	32.00			3442.00	
Change Over Sub	1.00			3443.00	
Bullnose	3.00			3446.00	42.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44295

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2011.08.22 @ 18:20:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
115.00	SGMCO 10%G 70%O 20%M	1.340
0.00	370ft GIP	0.000

Total Length: 115.00 ft Total Volume: 1.340 bbl

Num Fluid Samples: 0

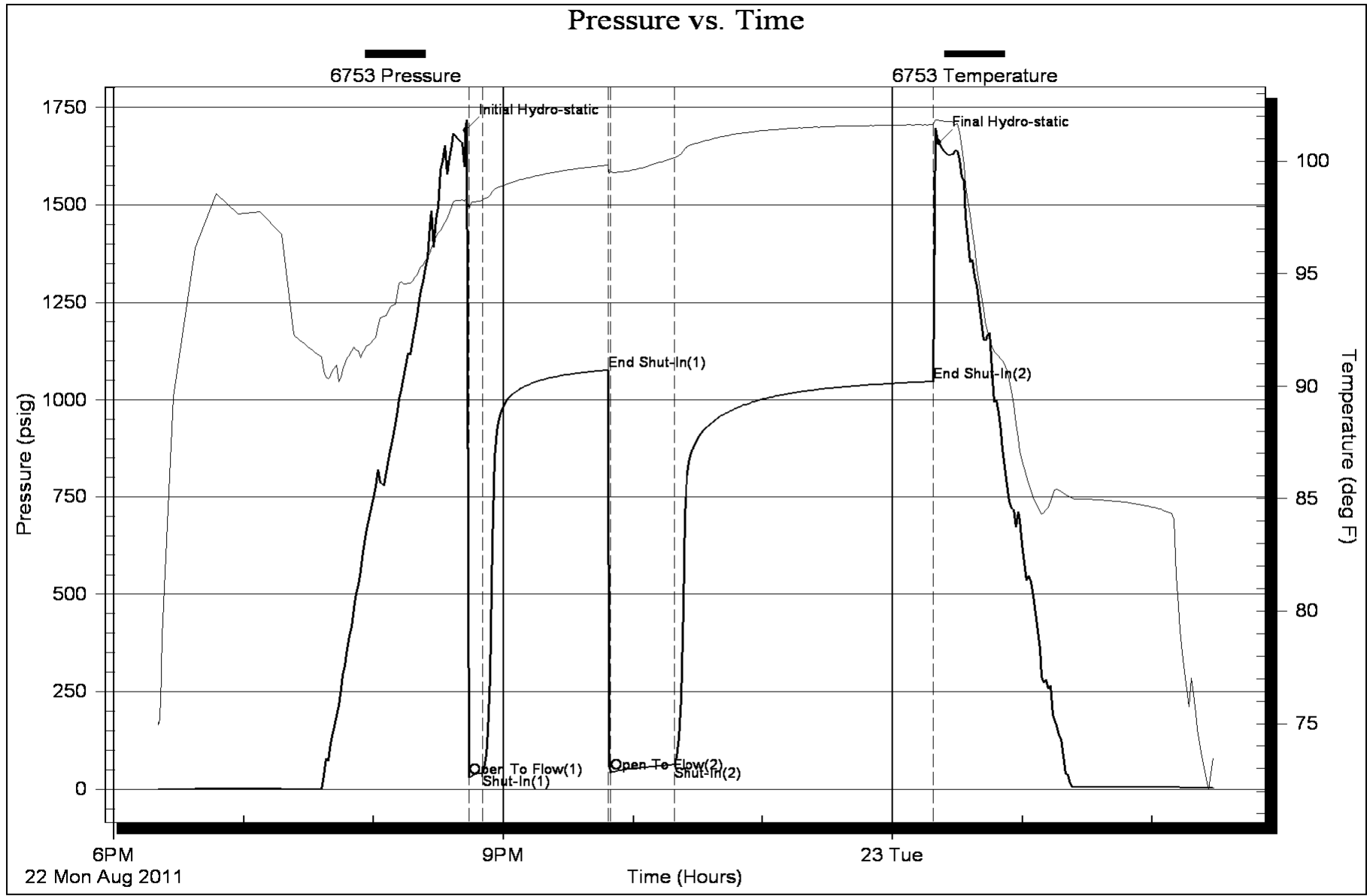
Num Gas Bombs: 0

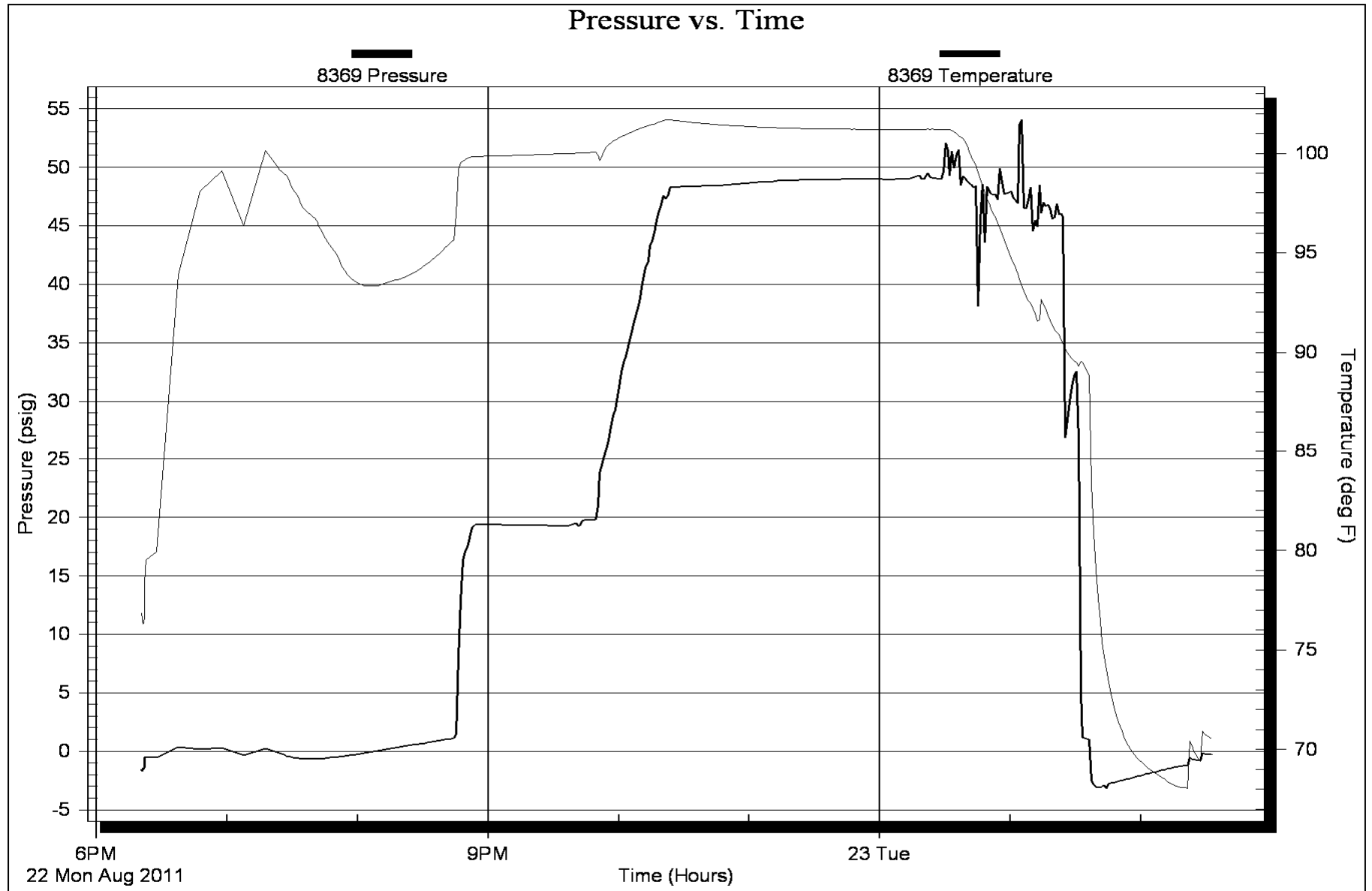
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Laboratory Name:

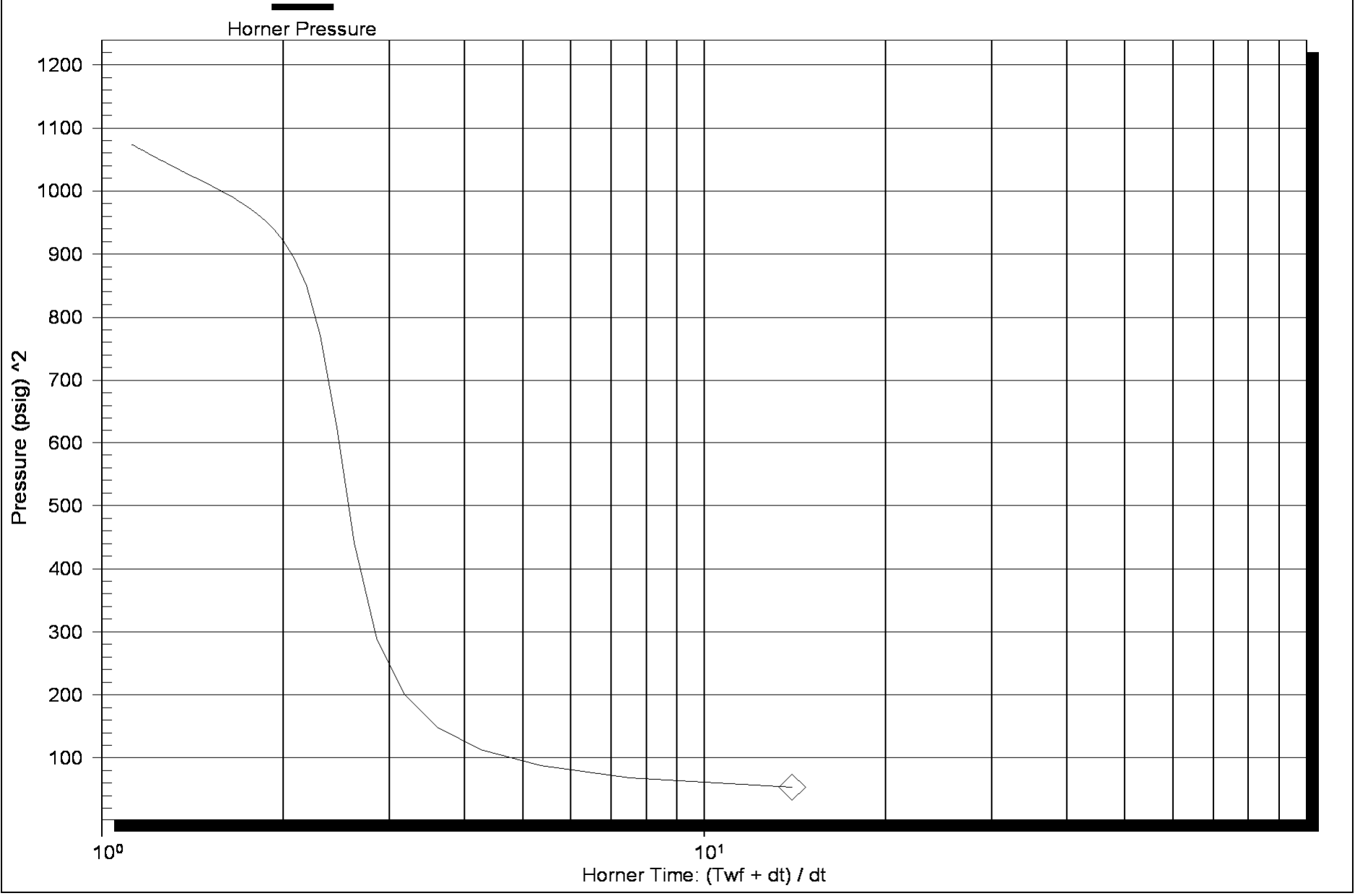
Laboratory Location:

Recovery Comments: Sampler Data 2200 O 200M 600G 600PSI

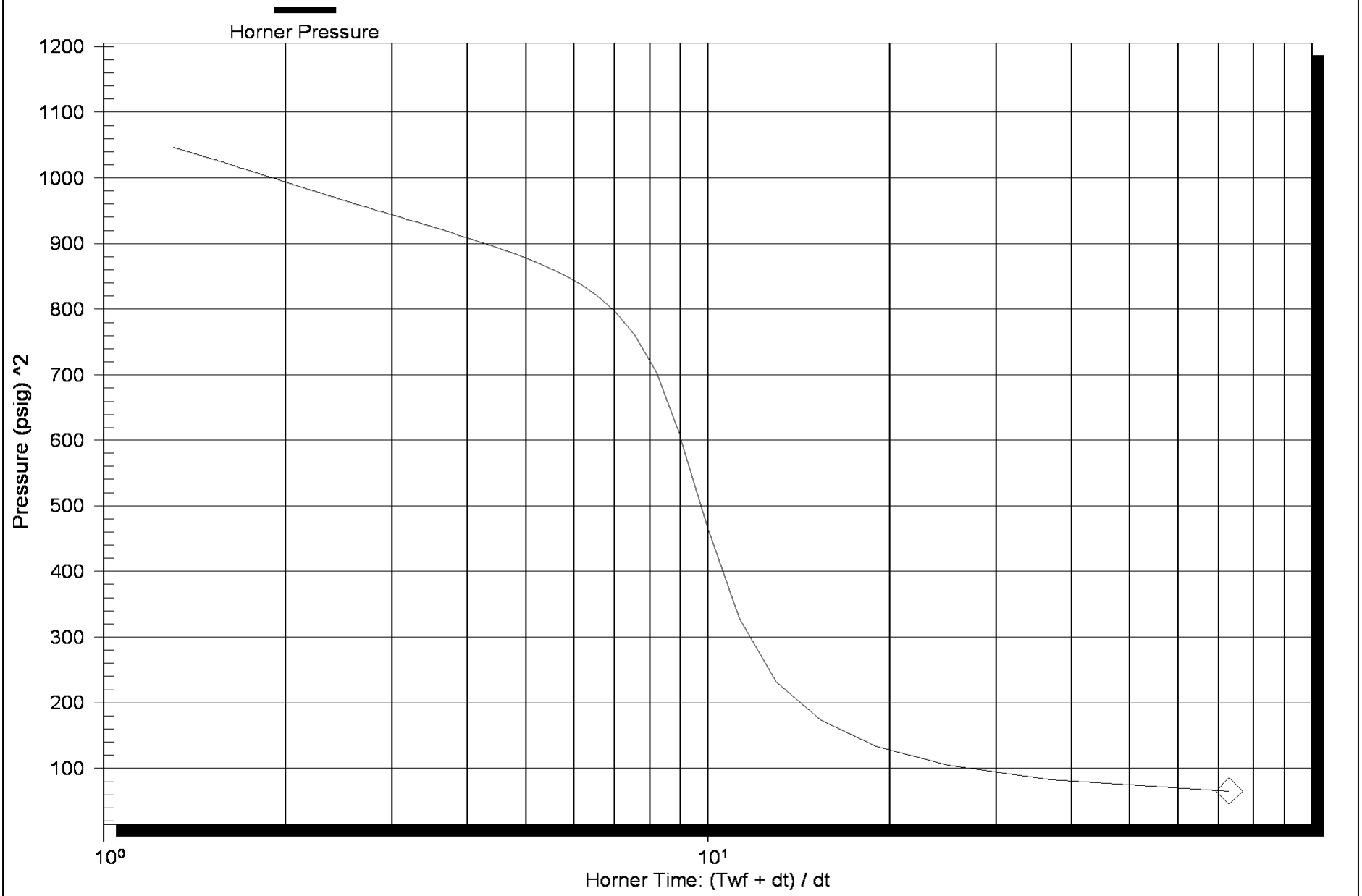




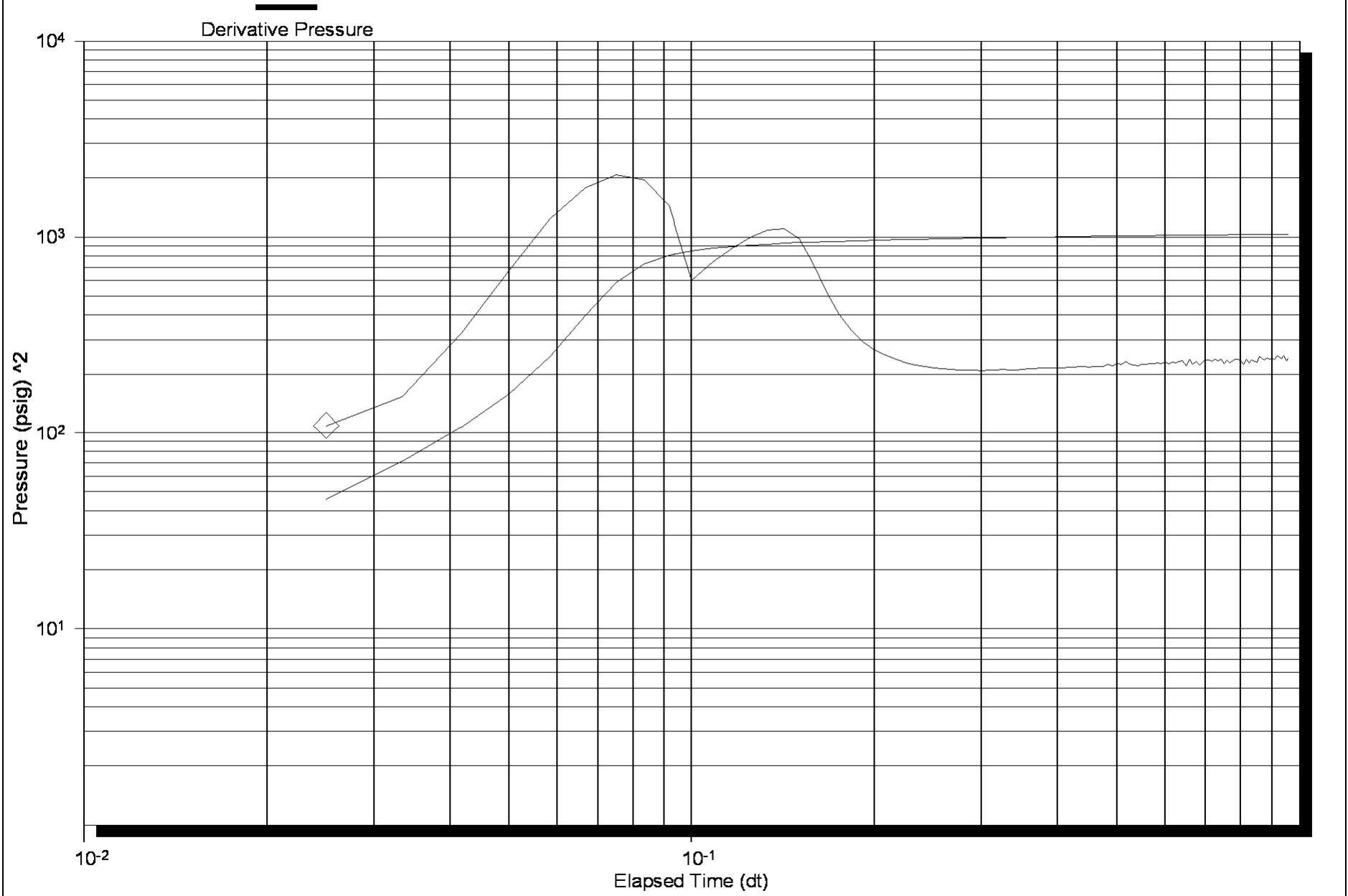
Horner Plot



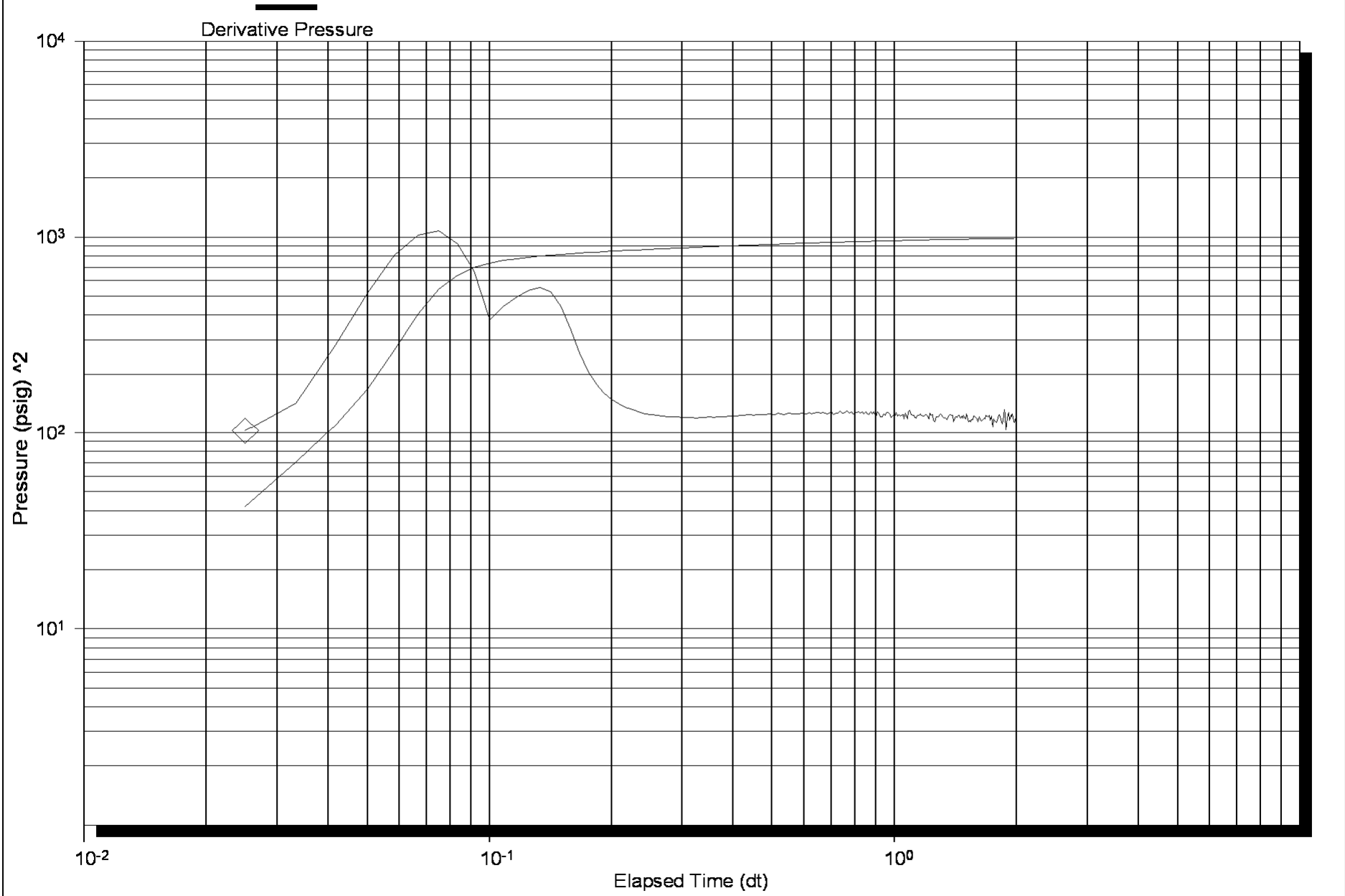
Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.23 @ 13:05:46

End Date: 2011.08.23 @ 19:53:46

Job Ticket #: 44296 DST #: 4

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44296

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2011.08.23 @ 13:05:46

GENERAL INFORMATION:

Formation: **KC "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:07:46

Time Test Ended: 19:53:46

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3444.00 ft (KB) To 3466.00 ft (KB) (TVD)

Reference Elevations: 2154.00 ft (KB)

Total Depth: 3466.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press @ Run Depth: 92.39 psig @ 3445.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.23

End Date:

2011.08.23

Last Calib.:

2011.08.23

Start Time: 13:05:51

End Time:

19:53:45

Time On Btm:

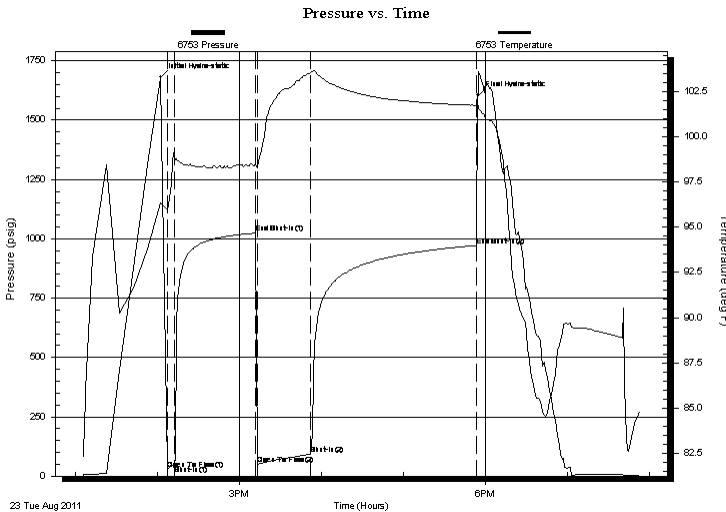
2011.08.23 @ 14:02:46

Time Off Btm:

2011.08.23 @ 17:54:46

TEST COMMENT: 5min IF-2 1/2in blow
60min ISI-No blow
40min FF-8in blow
120min FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1679.92	96.35	Initial Hydro-static
5	30.01	95.96	Open To Flow (1)
10	45.17	98.87	Shut-In(1)
70	1023.88	98.51	End Shut-In(1)
71	48.28	98.30	Open To Flow (2)
110	92.39	103.53	Shut-In(2)
231	971.67	101.73	End Shut-In(2)
232	1605.04	101.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	water	1.41
29.00	Oilspotted MCW 30%M 70%W	0.41
1.00	Free oil	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44296

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2011.08.23 @ 13:05:46

Tool Information

Drill Pipe:	Length: 3385.00 ft	Diameter: 3.80 inches	Volume: 47.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3444.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3410.00	
Drill Pipe	5.00			3415.00	
Recorder	0.00	8369	Fluid	3415.00	
Shut In Tool	5.00			3420.00	
Sampler	2.00			3422.00	
Hydraulic tool	5.00			3427.00	
Jars	5.00			3432.00	
Safety Joint	2.00			3434.00	
Packer	5.00			3439.00	35.00 Bottom Of Top Packer
Packer	5.00			3444.00	
Stubb	1.00			3445.00	
Recorder	0.00	6753	Inside	3445.00	
Recorder	0.00	8319	Outside	3445.00	
Perforations	18.00			3463.00	
Bullnose	3.00			3466.00	22.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44296

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2011.08.23 @ 13:05:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

85000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 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 bbl
120.00	water	1.410
29.00	Oilspotted MCW 30%M 70%W	0.407
1.00	Free oil	0.014

Total Length: 150.00 ft Total Volume: 1.831 bbl

Num Fluid Samples: 0

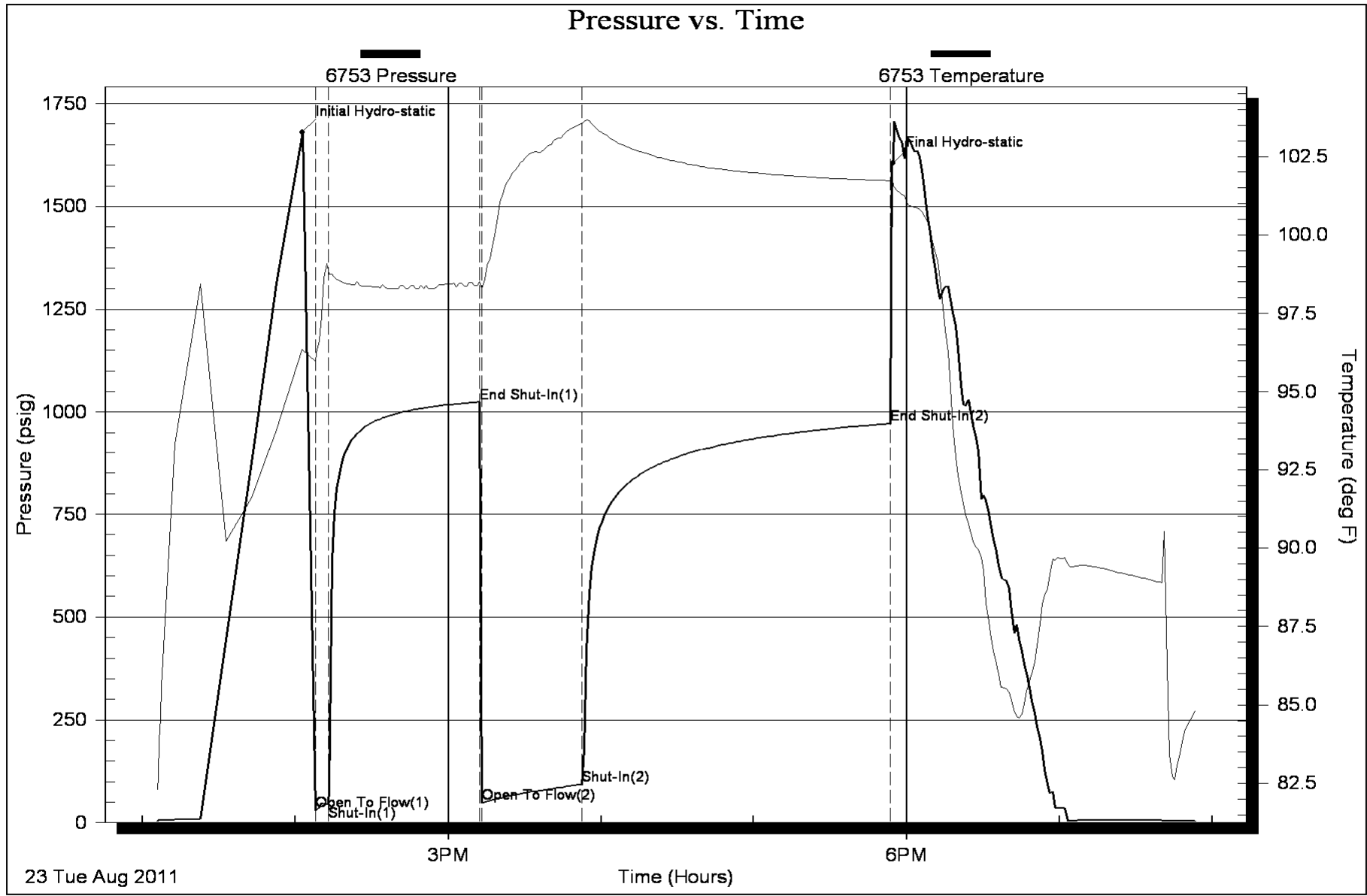
Num Gas Bombs: 0

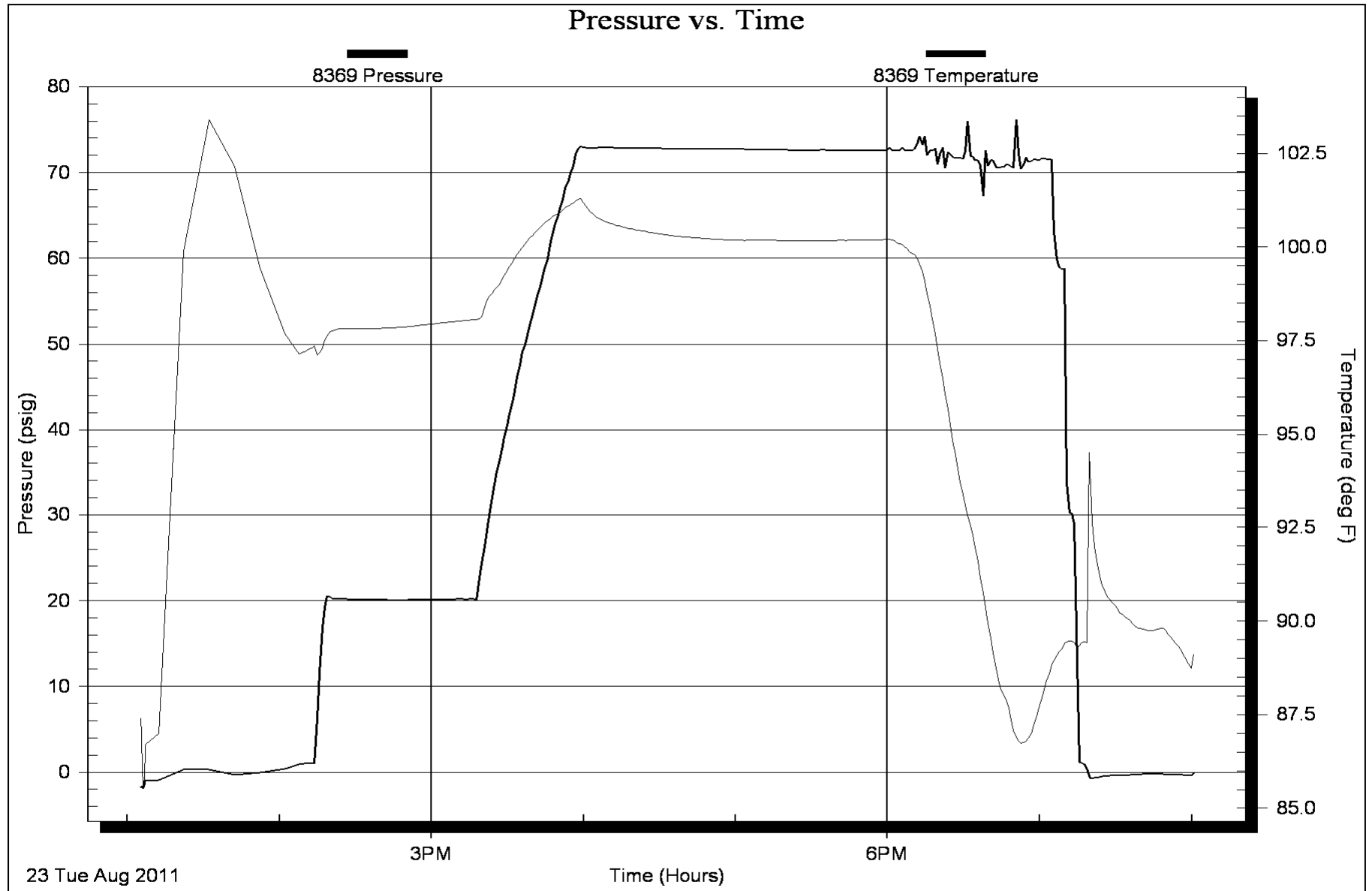
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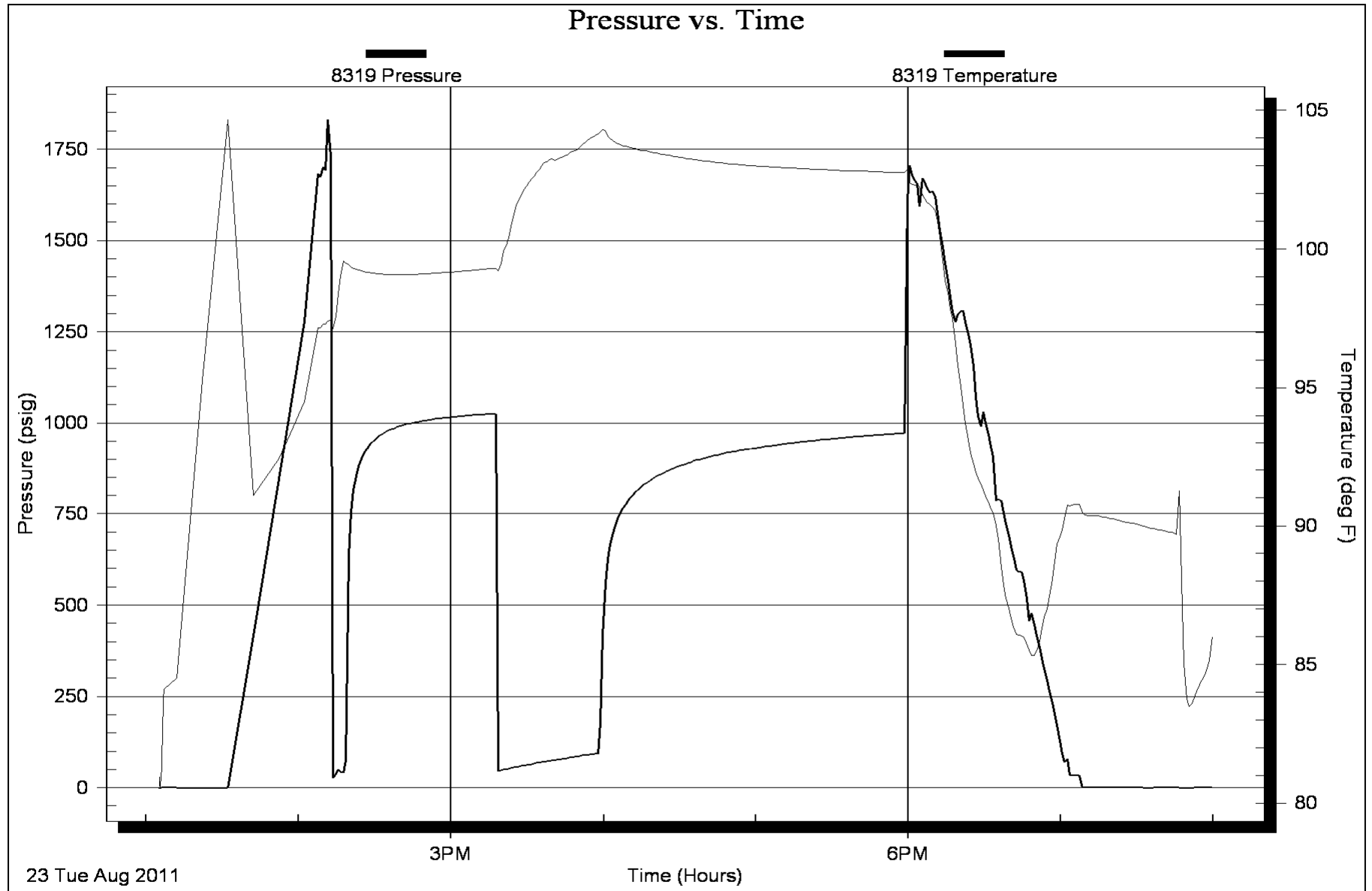
Laboratory Name:

Laboratory Location:

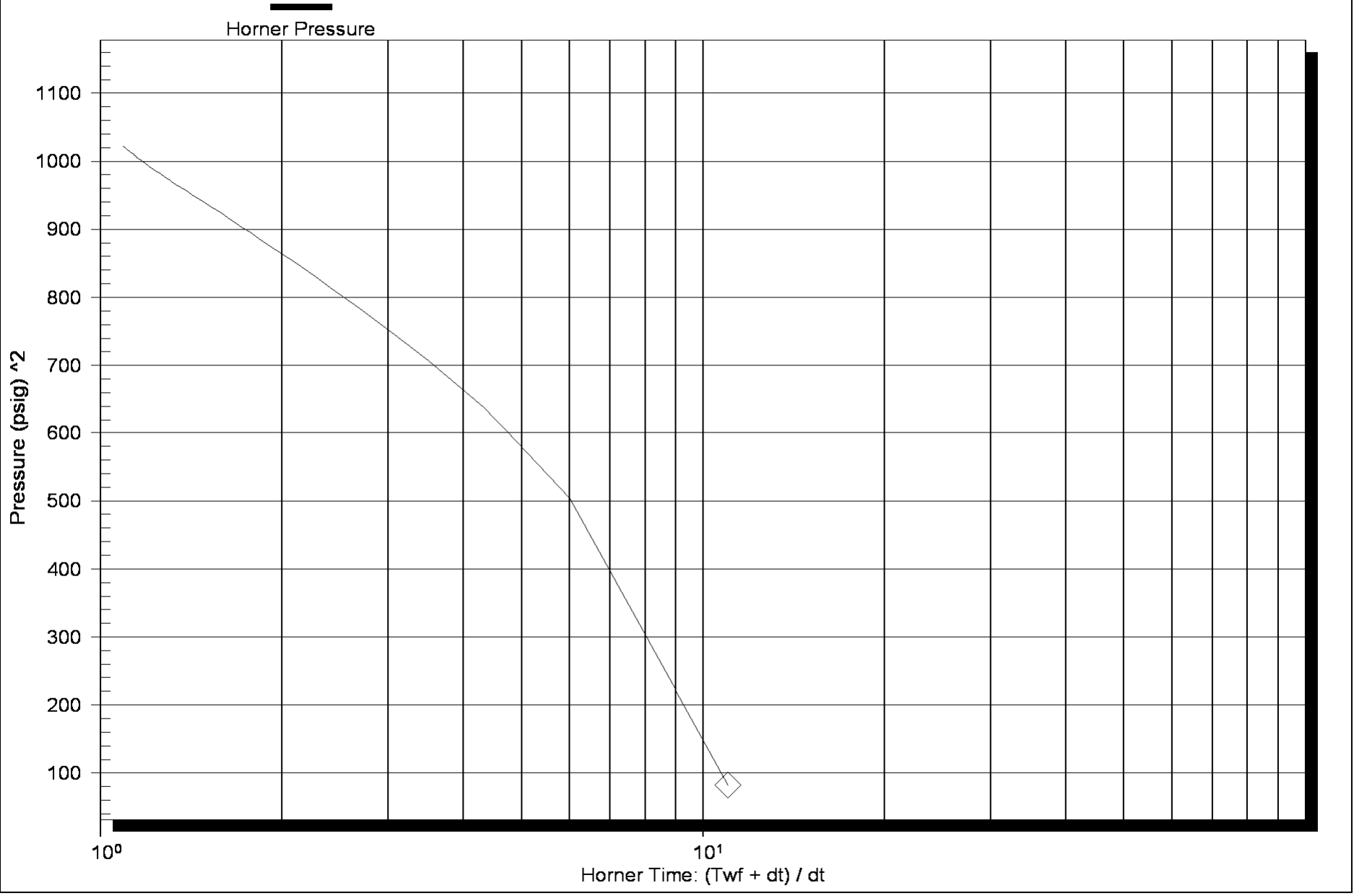
Recovery Comments: Sampler Data 3000ml water 450PSI
RW .06@110



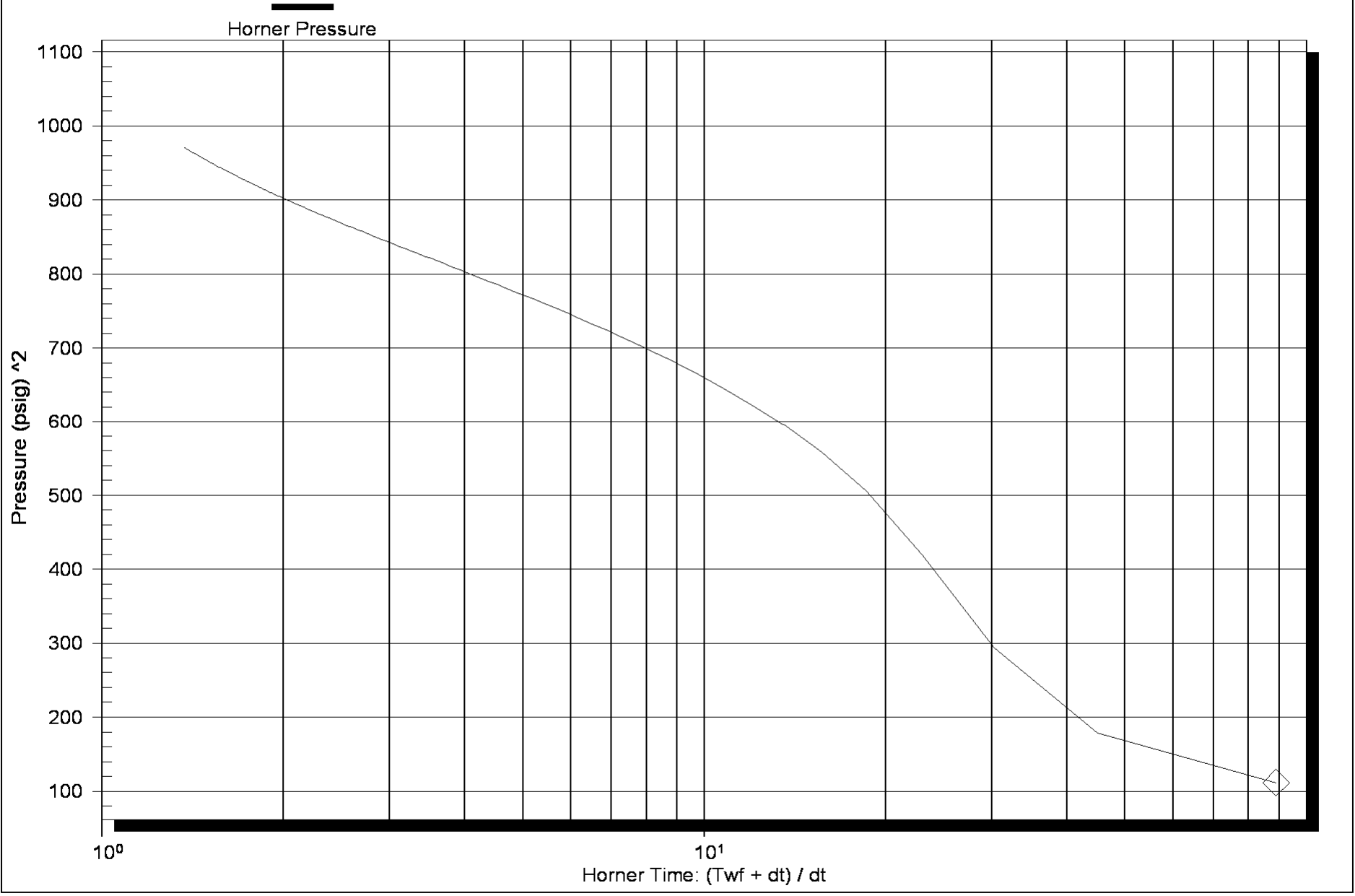




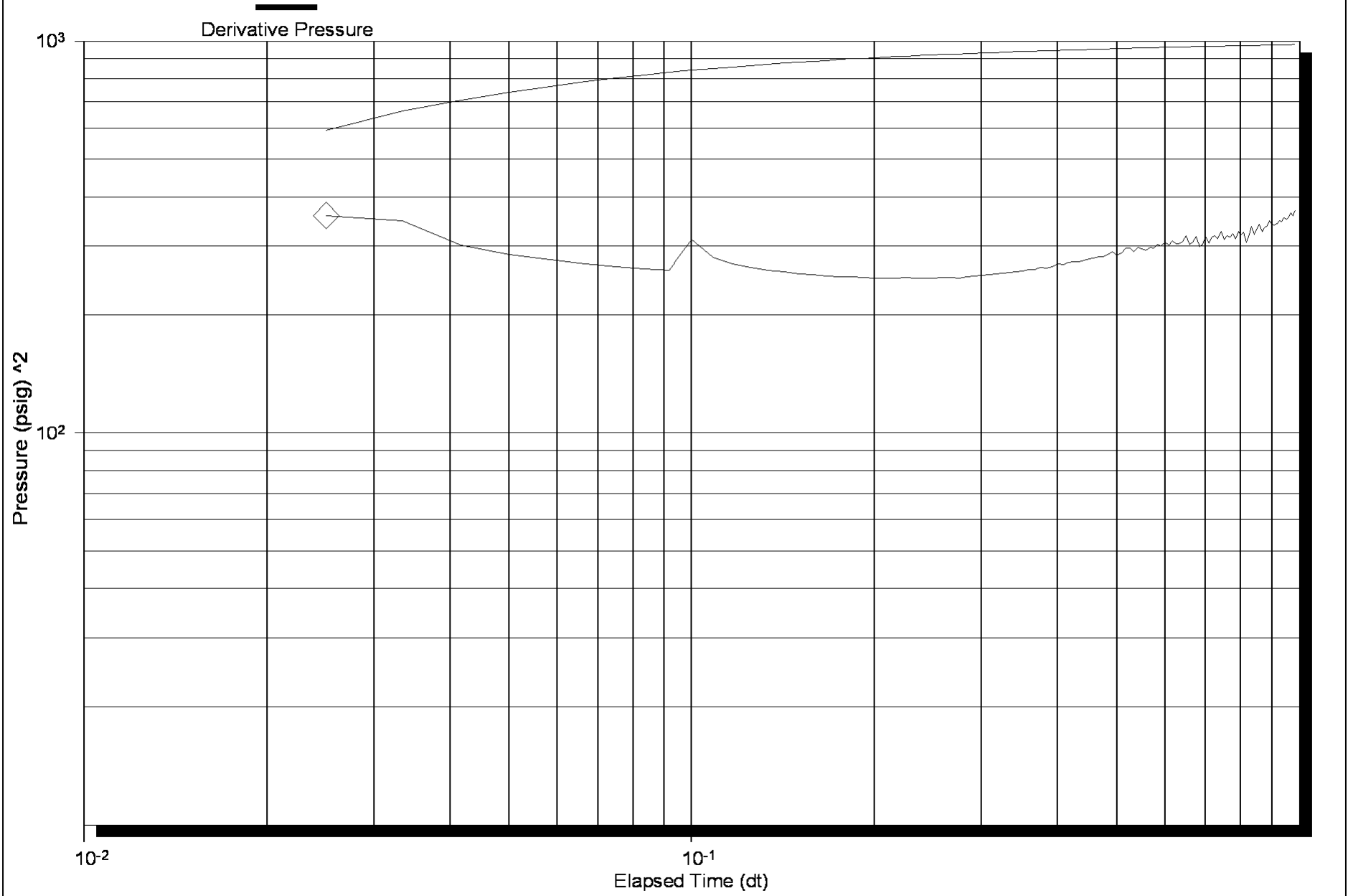
Horner Plot



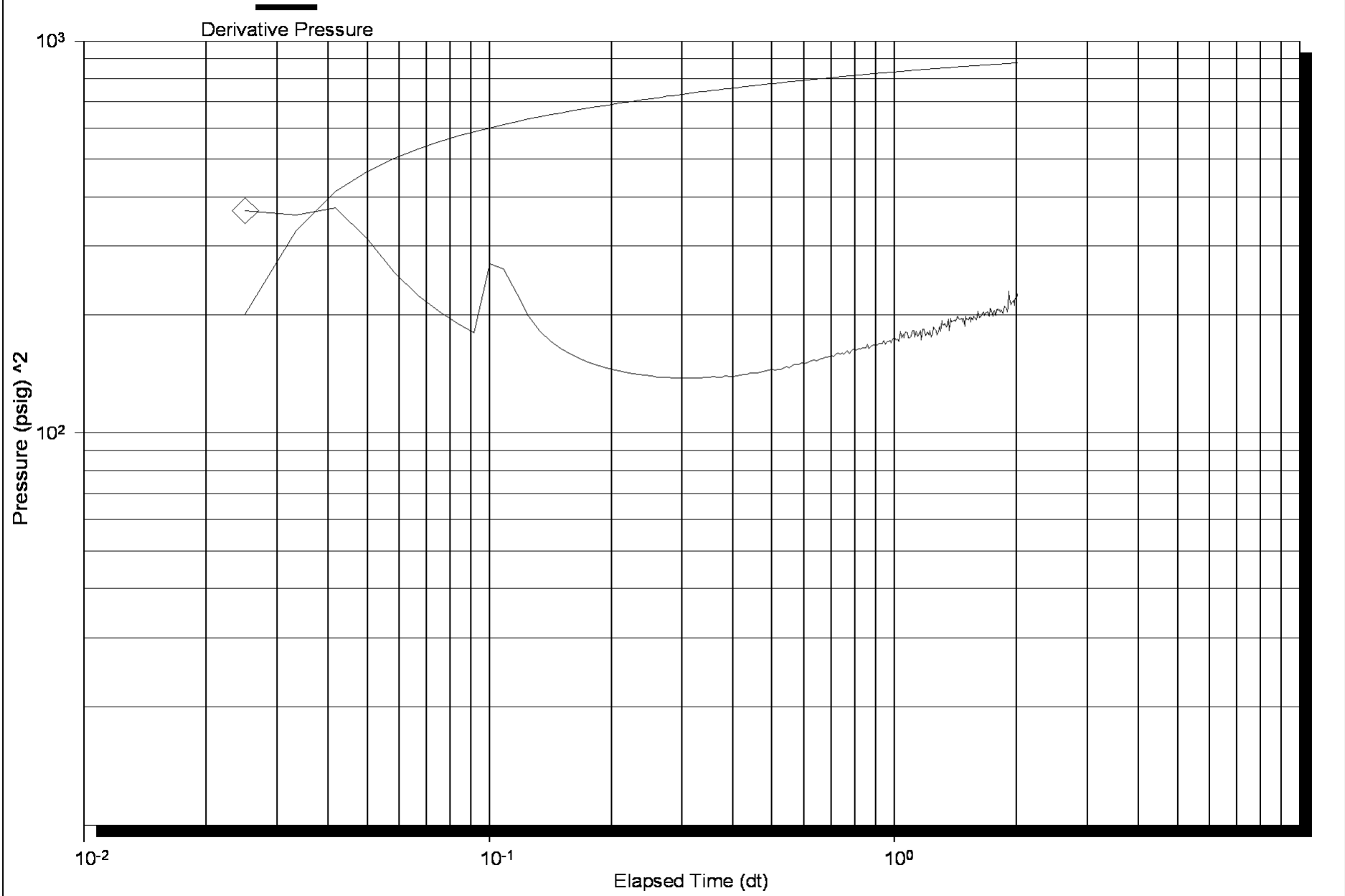
Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.24 @ 20:15:38

End Date: 2011.08.25 @ 02:58:08

Job Ticket #: 44297 DST #: 5

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

ATTN: Clayton Camozzi

Job Ticket: 44297

DST#: 5

Test Start: 2011.08.24 @ 20:15:38

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:50:38

Time Test Ended: 02:58:08

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: 3616.00 ft (KB) To 3655.00 ft (KB) (TVD)

Reference Elevations: 2154.00 ft (KB)

Total Depth: 3655.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6753

Inside

Press @ Run Depth: 27.36 psig @ 3617.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.24

End Date:

2011.08.25

Last Calib.:

2011.08.25

Start Time: 20:15:43

End Time:

02:58:07

Time On Btm:

2011.08.24 @ 22:50:08

Time Off Btm:

2011.08.25 @ 01:17:08

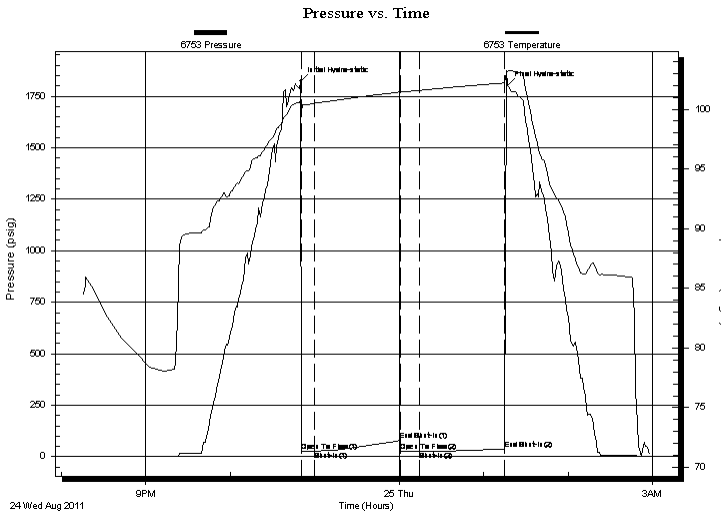
TEST COMMENT: 10min IF-w eak surface blow died in 4min

60min ISI-No blow

15min FF-No blow

60min FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1822.74	100.70	Initial Hydro-static
1	25.11	99.68	Open To Flow (1)
10	28.66	100.49	Shut-In(1)
70	77.91	101.44	End Shut-In(1)
71	26.89	101.42	Open To Flow (2)
85	27.36	101.58	Shut-In(2)
145	38.19	102.22	End Shut-In(2)
147	1803.42	103.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44297

DST#: 5

ATTN: Clayton Camozzi

Test Start: 2011.08.24 @ 20:15:38

Tool Information

Drill Pipe:	Length: 3571.00 ft	Diameter: 3.80 inches	Volume: 50.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3616.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3582.00	
Drill Pipe	5.00			3587.00	
Recorder	0.00	8369	Fluid	3587.00	
Shut In Tool	5.00			3592.00	
Sampler	2.00			3594.00	
Hydraulic tool	5.00			3599.00	
Jars	5.00			3604.00	
Safety Joint	2.00			3606.00	
Packer	5.00			3611.00	35.00 Bottom Of Top Packer
Packer	5.00			3616.00	
Packer - Shale	0.00			3616.00	
Stubb	1.00			3617.00	
Recorder	0.00	6753	Inside	3617.00	
Recorder	0.00	8319	Outside	3617.00	
Perforations	35.00			3652.00	
Bullnose	3.00			3655.00	39.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44297

DST#: 5

ATTN: Clayton Camozzi

Test Start: 2011.08.24 @ 20:15:38

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 66.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in 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
2.00	mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

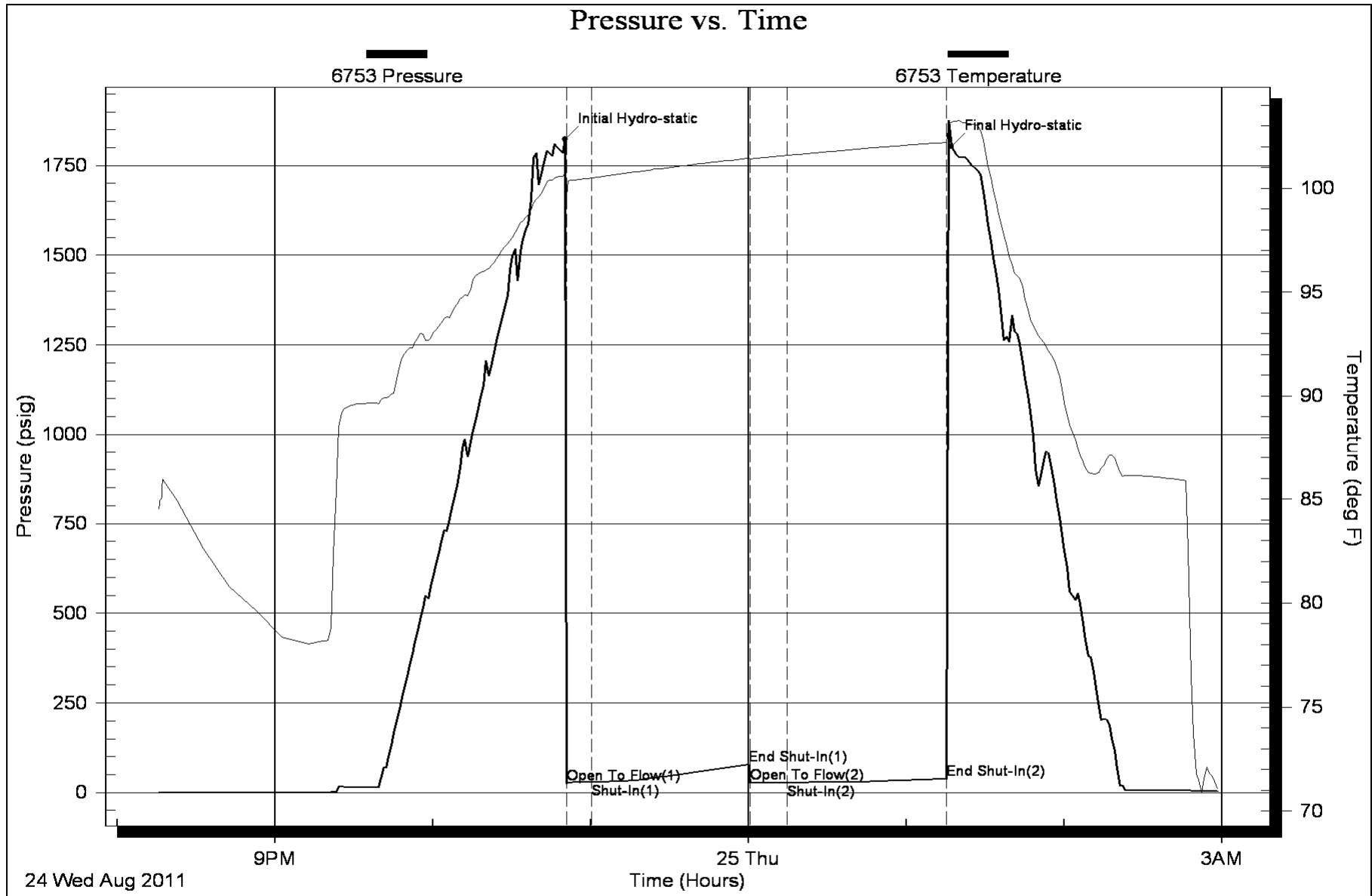
Num Gas Bombs: 0

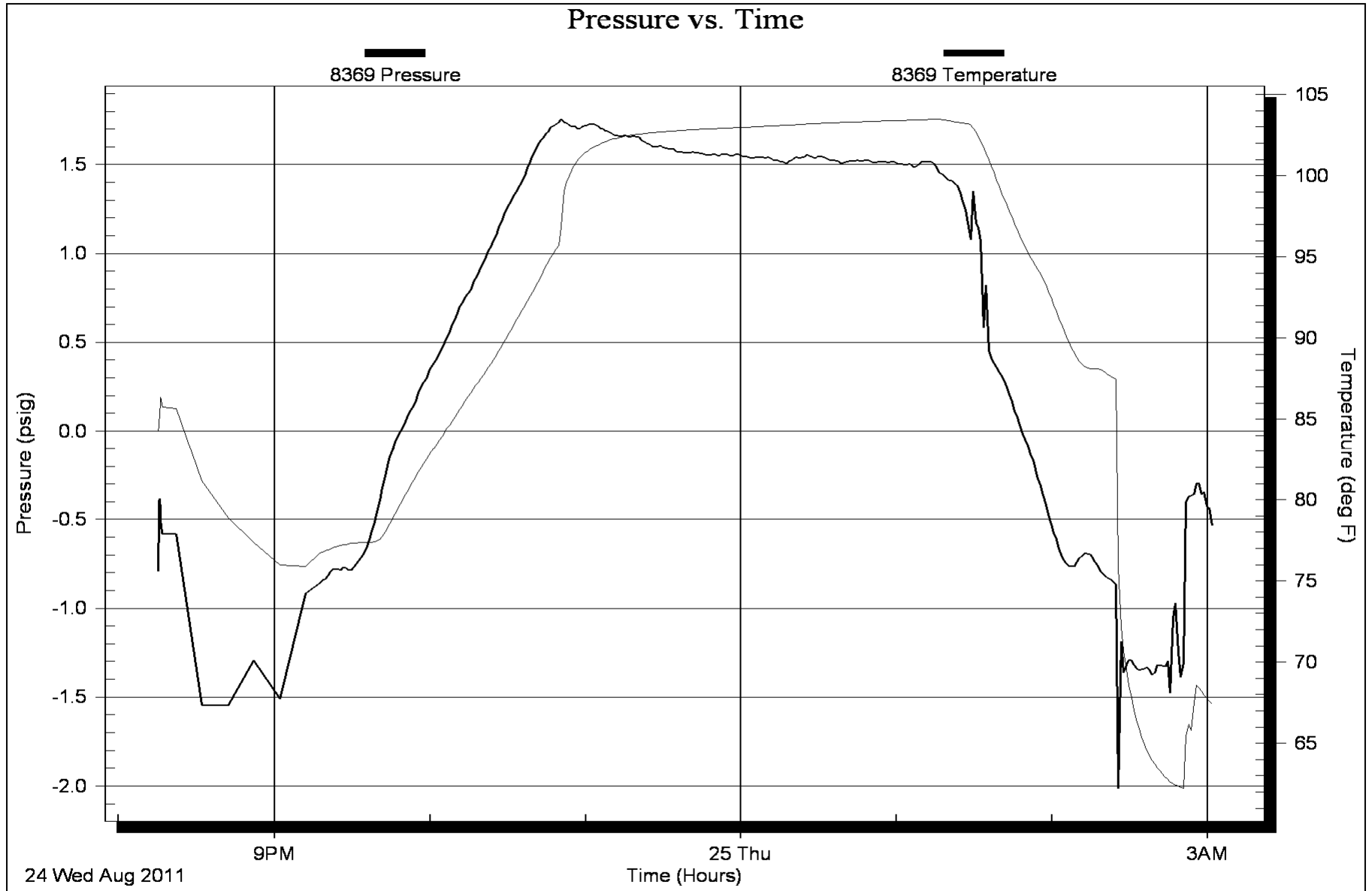
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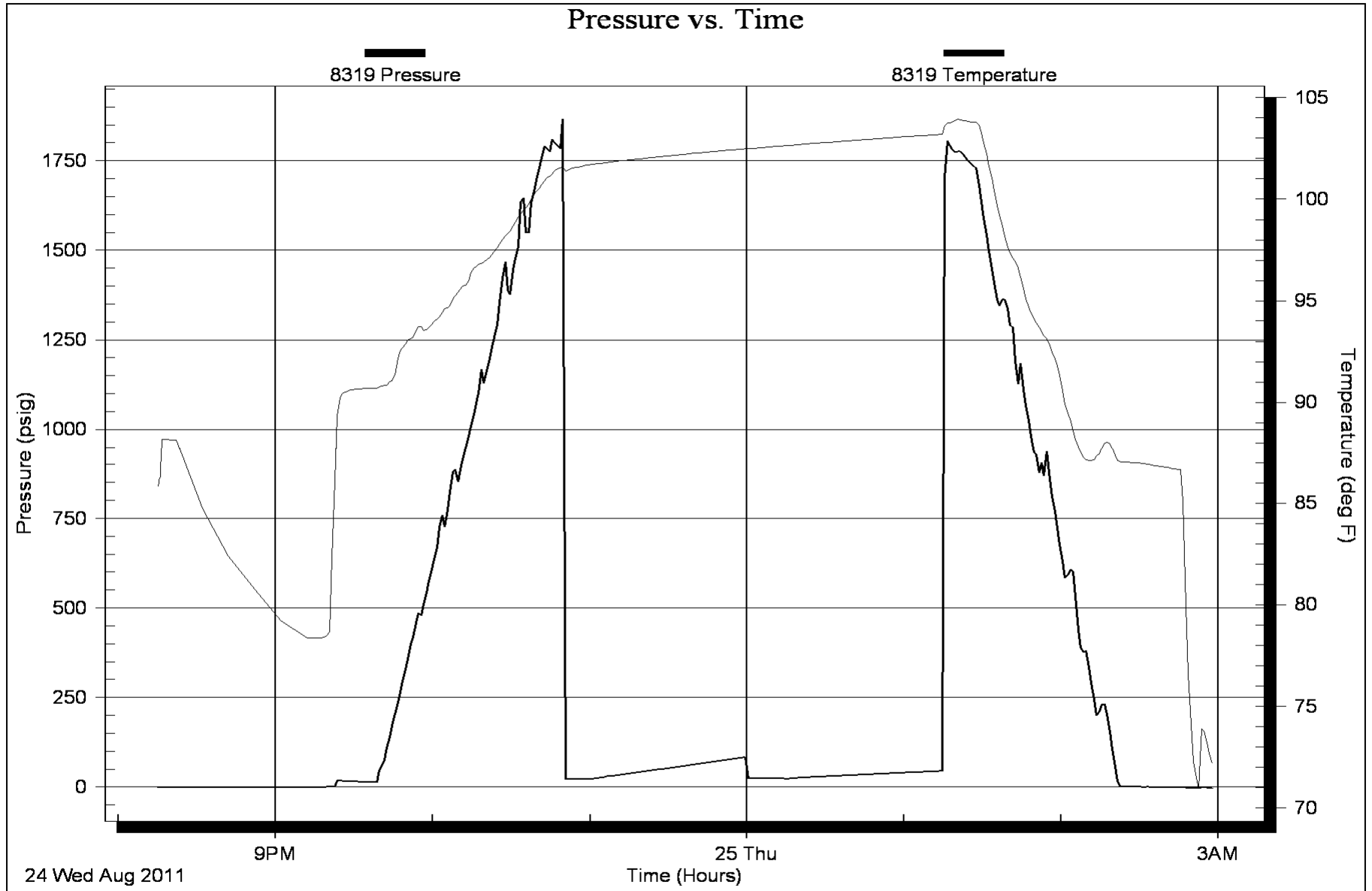
Laboratory Name:

Laboratory Location:

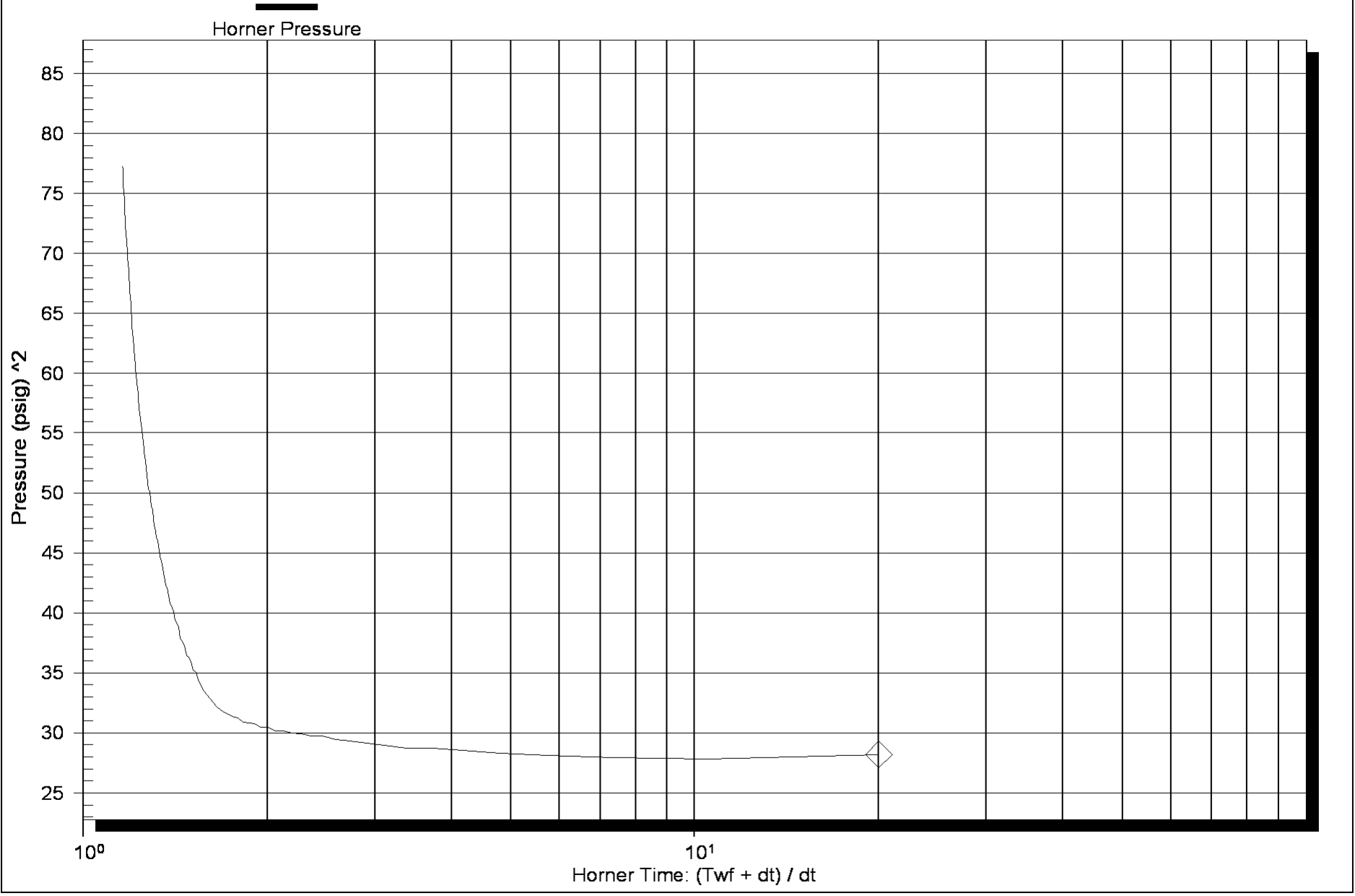
Recovery Comments: Sampler Data 3000ml Mud 25psi



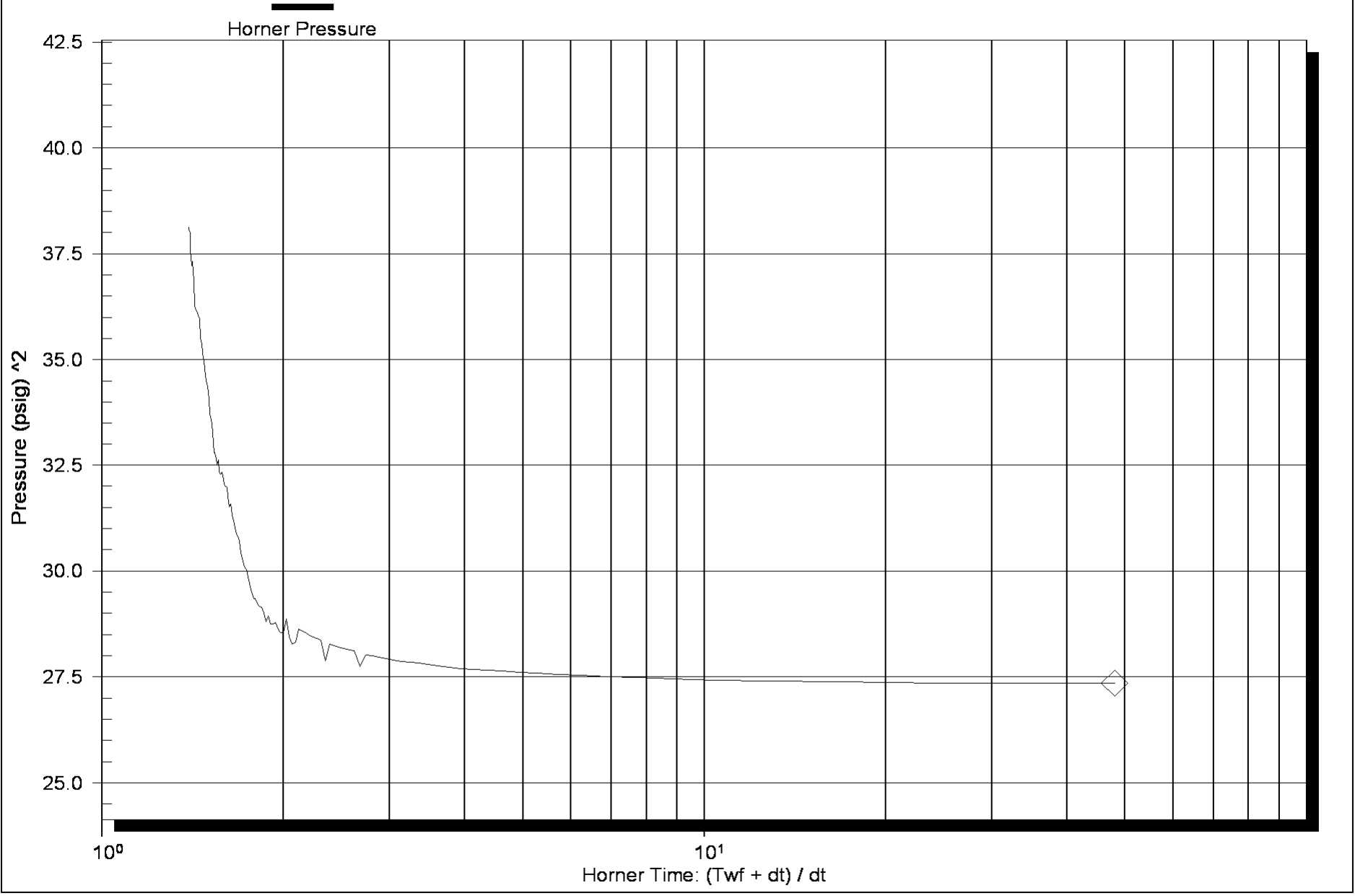




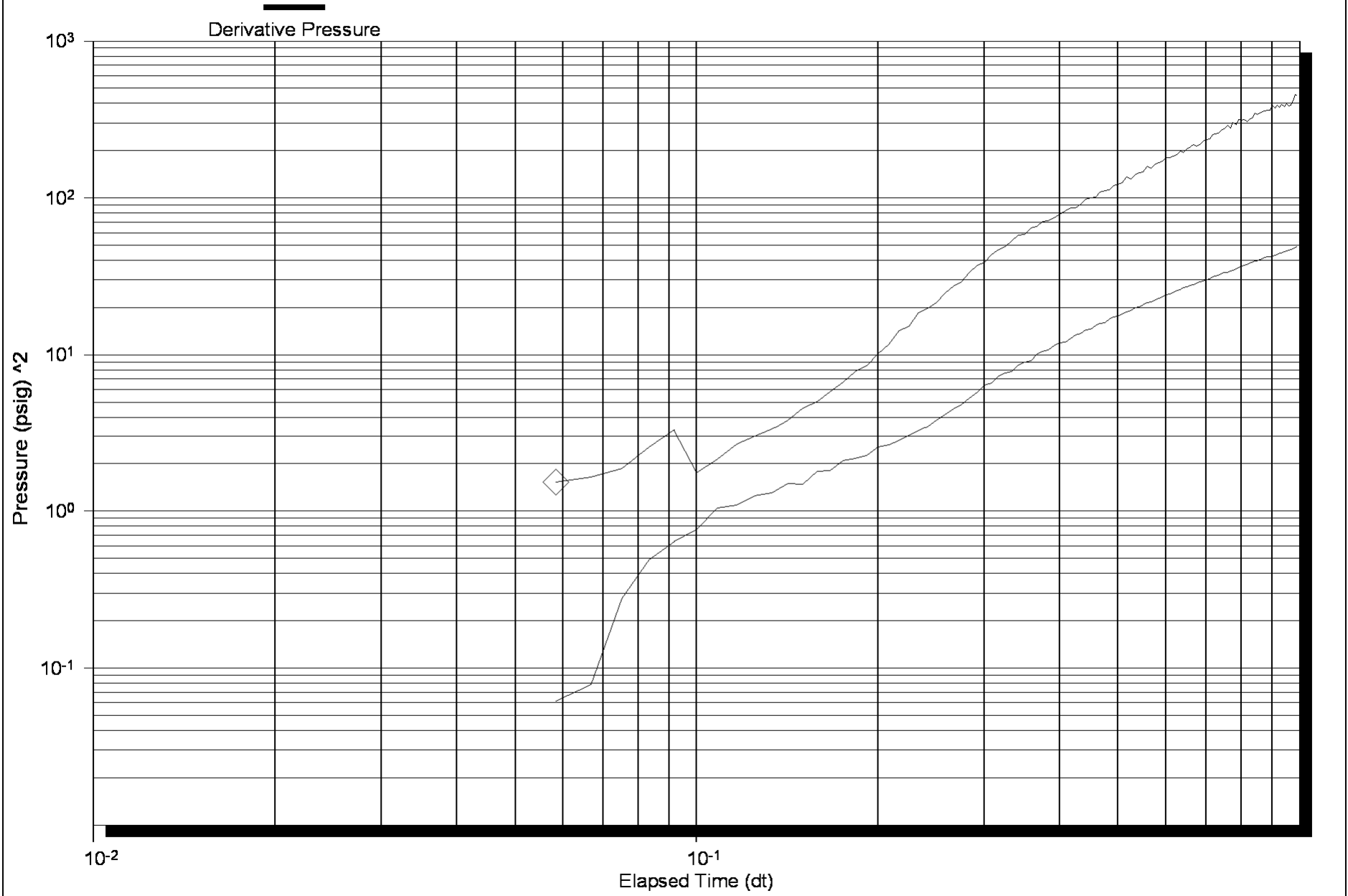
Horner Plot



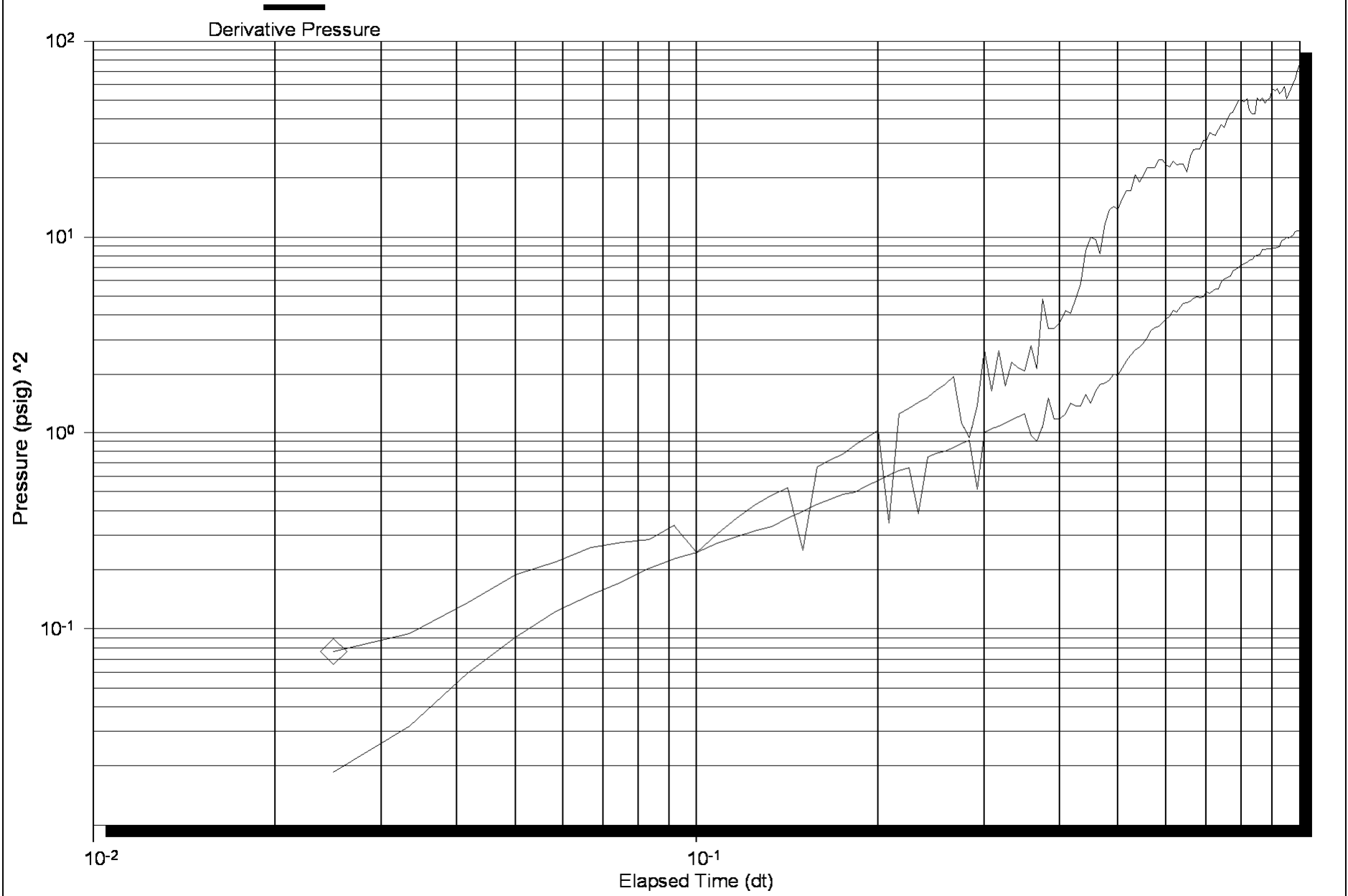
Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





DRILL STEM TEST REPORT

Prepared For: **Sam Gary Jr. Associates ,Inc.**

1515 Wynkoop Ste 700
Denver Co 80202

ATTN: Clayton Camozzi

11-12-17,Ellis,Ks

Rohleder Trust #1-11

Start Date: 2011.08.25 @ 22:36:02

End Date: 2011.08.26 @ 04:49:32

Job Ticket #: 44298 DST #: 6

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

ATTN: Clayton Camozzi

Job Ticket: 44298

DST#: 6

Test Start: 2011.08.25 @ 22:36:02

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:11:02

Time Test Ended: 04:49:32

Test Type: Conventional Straddle

Tester: Brian Fairbank

Unit No: 47

Interval: 3280.00 ft (KB) To 3310.00 ft (KB) (TVD)

Reference Elevations: 2154.00 ft (KB)

Total Depth: 3746.00 ft (KB) (TVD)

2146.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6753 Inside

Press @ Run Depth: 35.07 psig @ 3281.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.25 End Date: 2011.08.26

Last Calib.: 2011.08.26

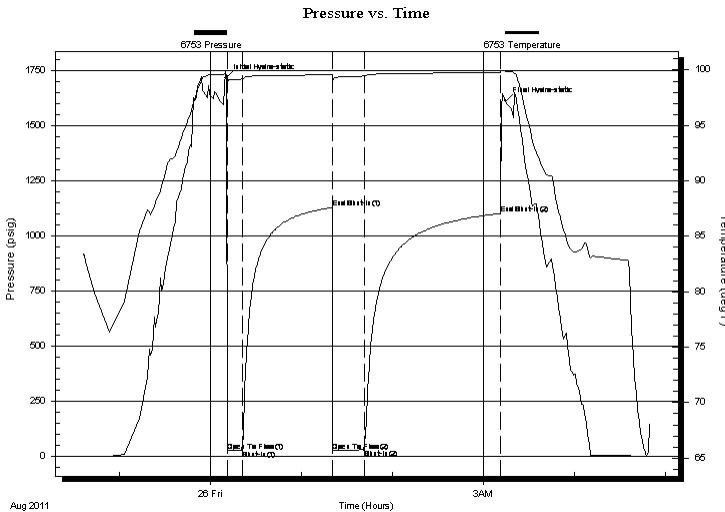
Start Time: 22:36:07 End Time: 04:49:31

Time On Btm: 2011.08.26 @ 00:10:02

Time Off Btm: 2011.08.26 @ 03:14:32

TEST COMMENT: 10 - IFP - sur blow throughout
60 - ISI - no blow back
20 - FFP - no blow
90 - FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1716.94	99.61	Initial Hydro-static
1	24.45	98.85	Open To Flow (1)
11	29.19	99.19	Shut-In(1)
70	1129.90	99.58	End Shut-In(1)
71	26.22	99.05	Open To Flow (2)
91	35.07	99.46	Shut-In(2)
181	1102.75	99.80	End Shut-In(2)
185	1611.94	99.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	drl mud 100%	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44298

DST#: 6

ATTN: Clayton Camozzi

Test Start: 2011.08.25 @ 22:36:02

Tool Information

Drill Pipe:	Length: 3236.00 ft	Diameter: 3.80 inches	Volume: 45.39 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 35000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3280.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	3310.00 ft			
Interval between Packers:	30.00 ft			
Tool Length:	506.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3246.00	
Drill Pipe	5.00			3251.00	
Recorder	0.00	8369	Fluid	3251.00	
Shut In Tool	5.00			3256.00	
Sampler	2.00			3258.00	
Hydraulic tool	5.00			3263.00	
Jars	5.00			3268.00	
Safety Joint	2.00			3270.00	
Packer	5.00			3275.00	35.00 Bottom Of Top Packer
Packer	5.00			3280.00	
Stubb	1.00			3281.00	
Recorder	0.00	6753	Inside	3281.00	
Recorder	0.00	8319	Outside	3281.00	
Perforations	24.00			3305.00	
Blank Off Sub	1.00			3306.00	
Blank Spacing	4.00			3310.00	30.00 Tool Interval
Packer	5.00			3315.00	
Perforations	1.00			3316.00	
Change Over Sub	1.00			3317.00	
Recorder	0.00	8650	Below	3317.00	
Blank Spacing	434.00			3751.00	441.00 Bottom Packers & Anchor

Total Tool Length: 506.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Sam Gary Jr. Associates, Inc.

Rohleder Trust #1-11

1515 Wynkoop Ste 700
Denver Co 80202

11-12-17, Ellis, Ks

Job Ticket: 44298

DST#: 6

ATTN: Clayton Camozzi

Test Start: 2011.08.25 @ 22:36:02

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 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 bbl
7.00	drl mud 100%	0.034

Total Length: 7.00 ft Total Volume: 0.034 bbl

Num Fluid Samples: 0

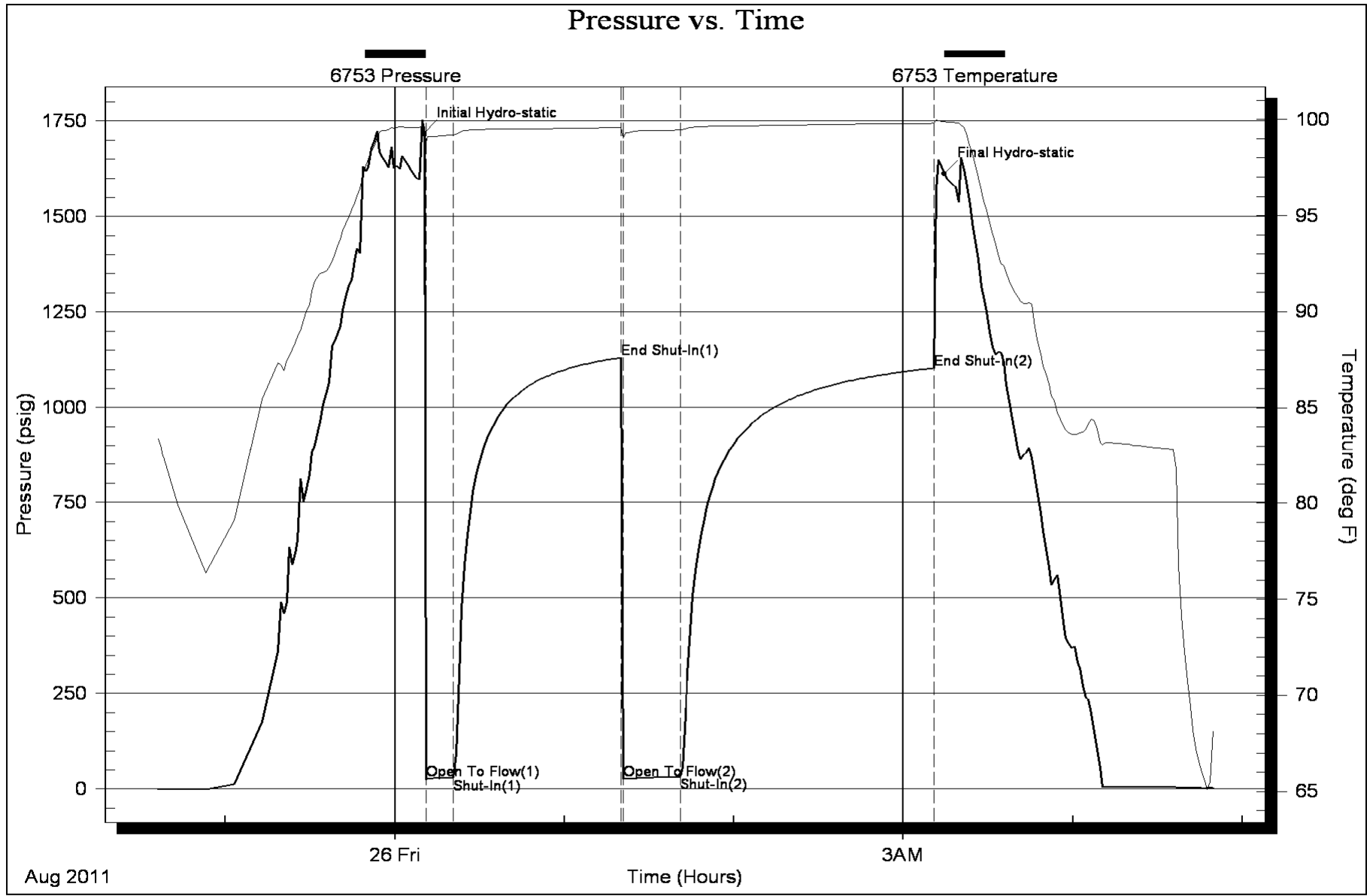
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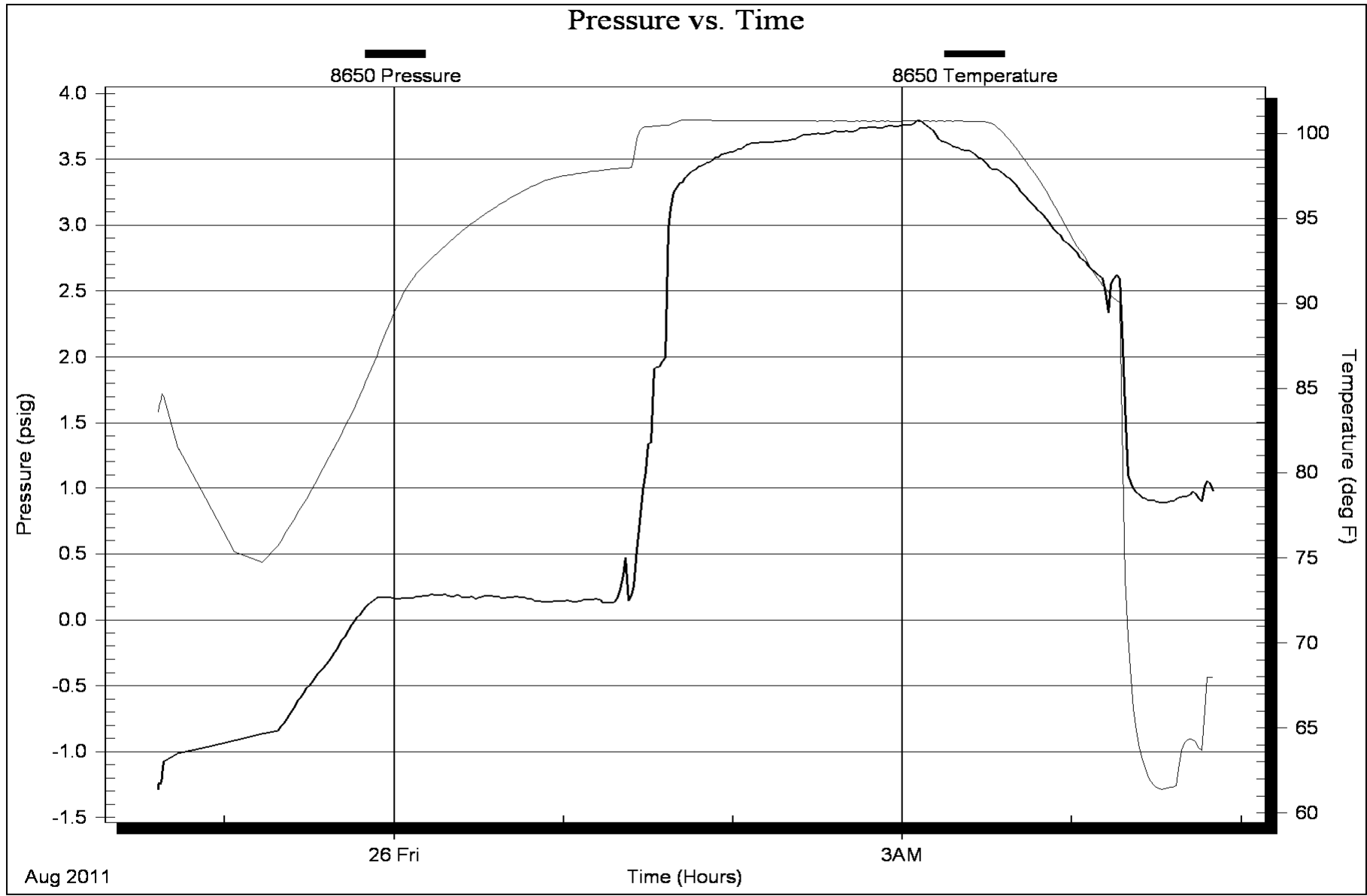
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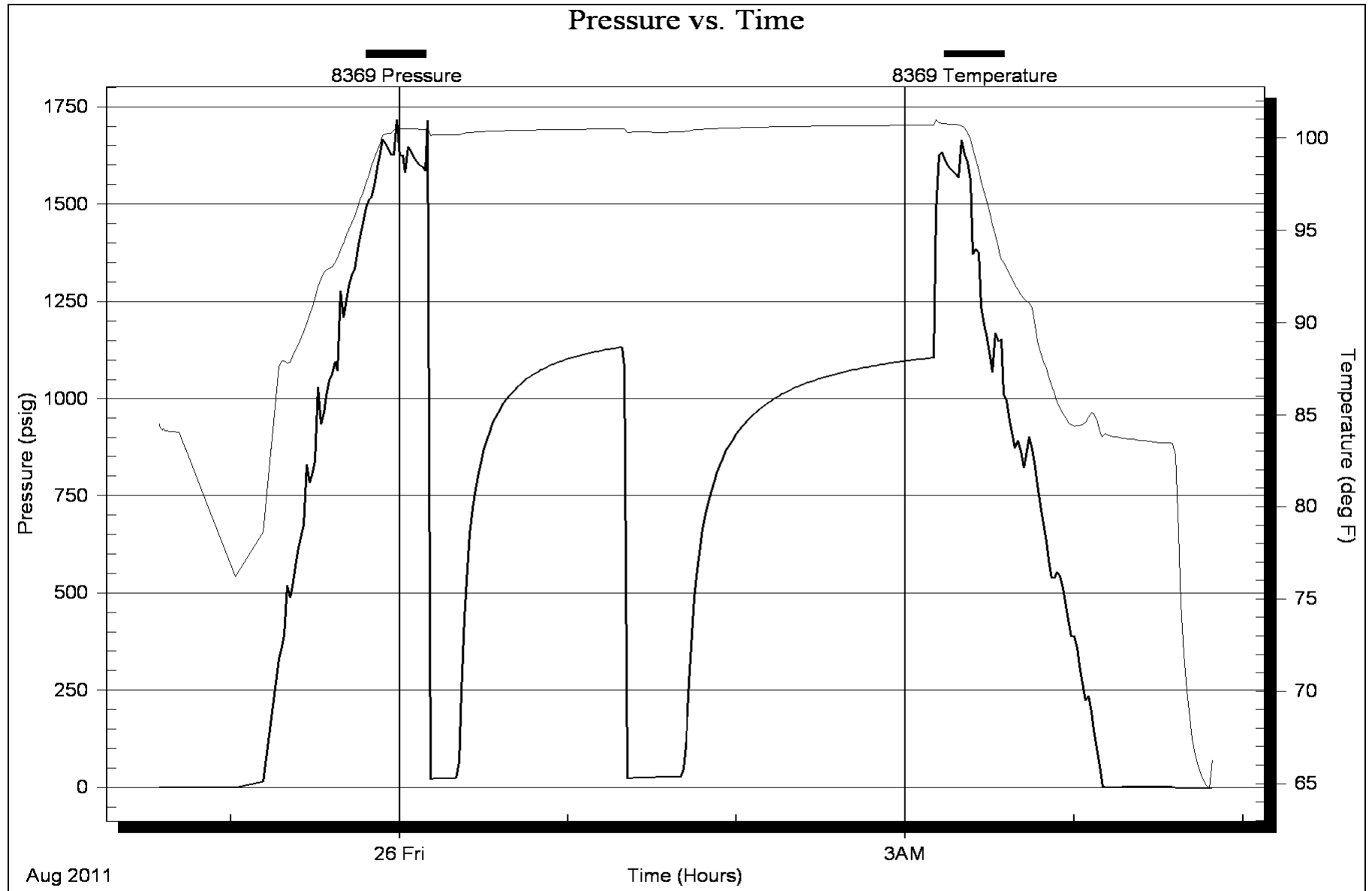
Laboratory Name:

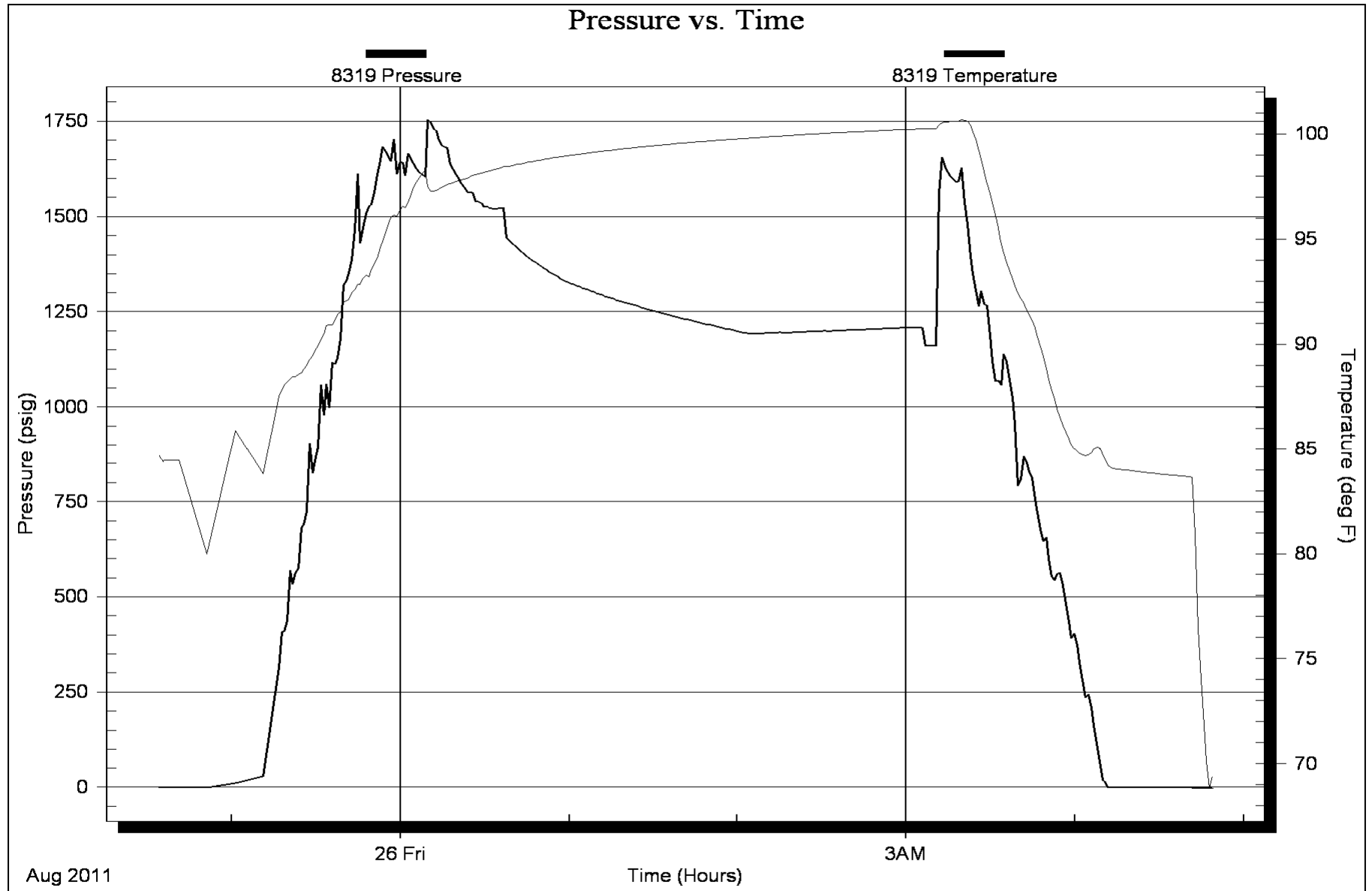
Laboratory Location:

Recovery Comments: 4000 ml MUD, 120 lbs

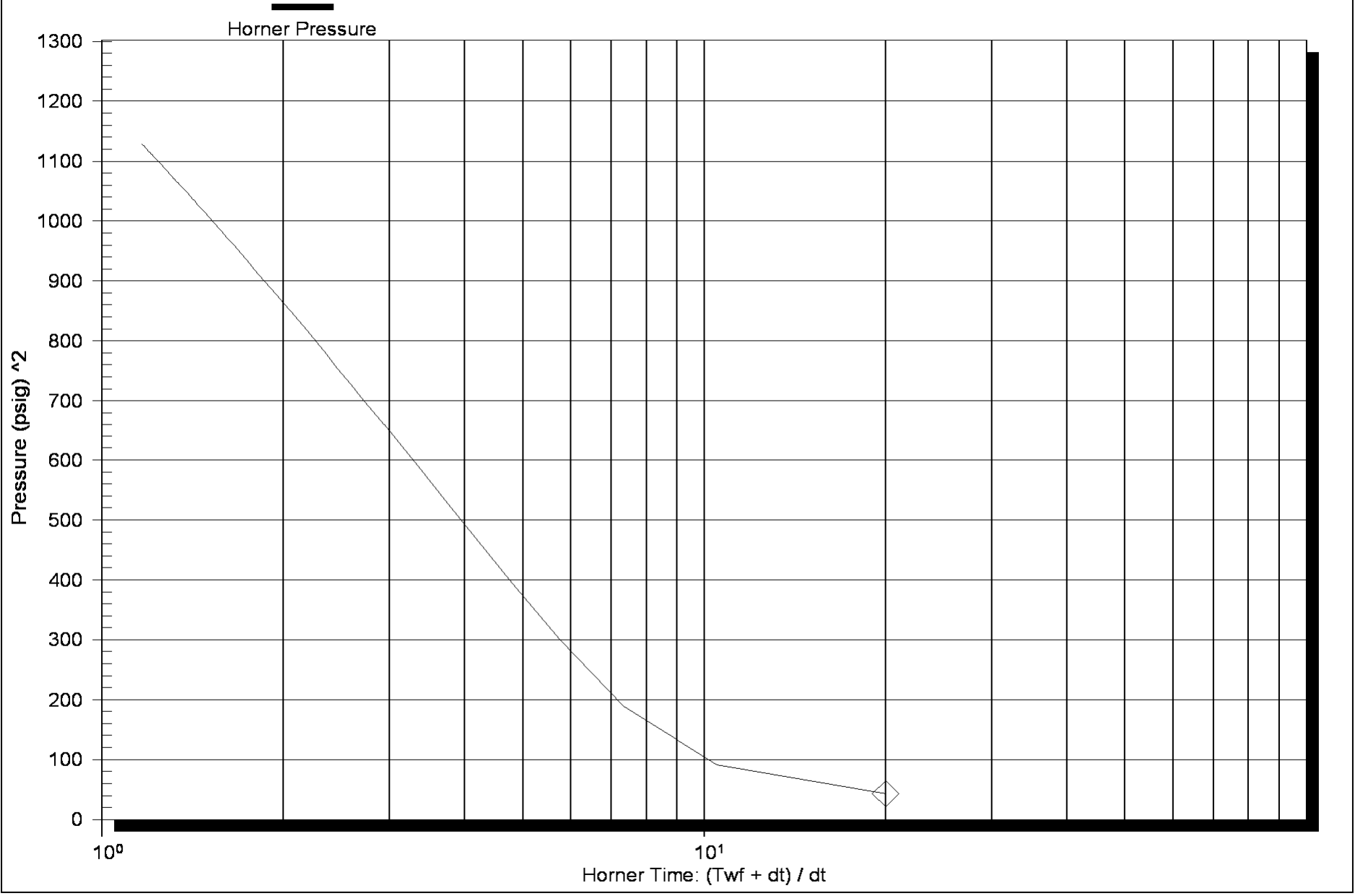




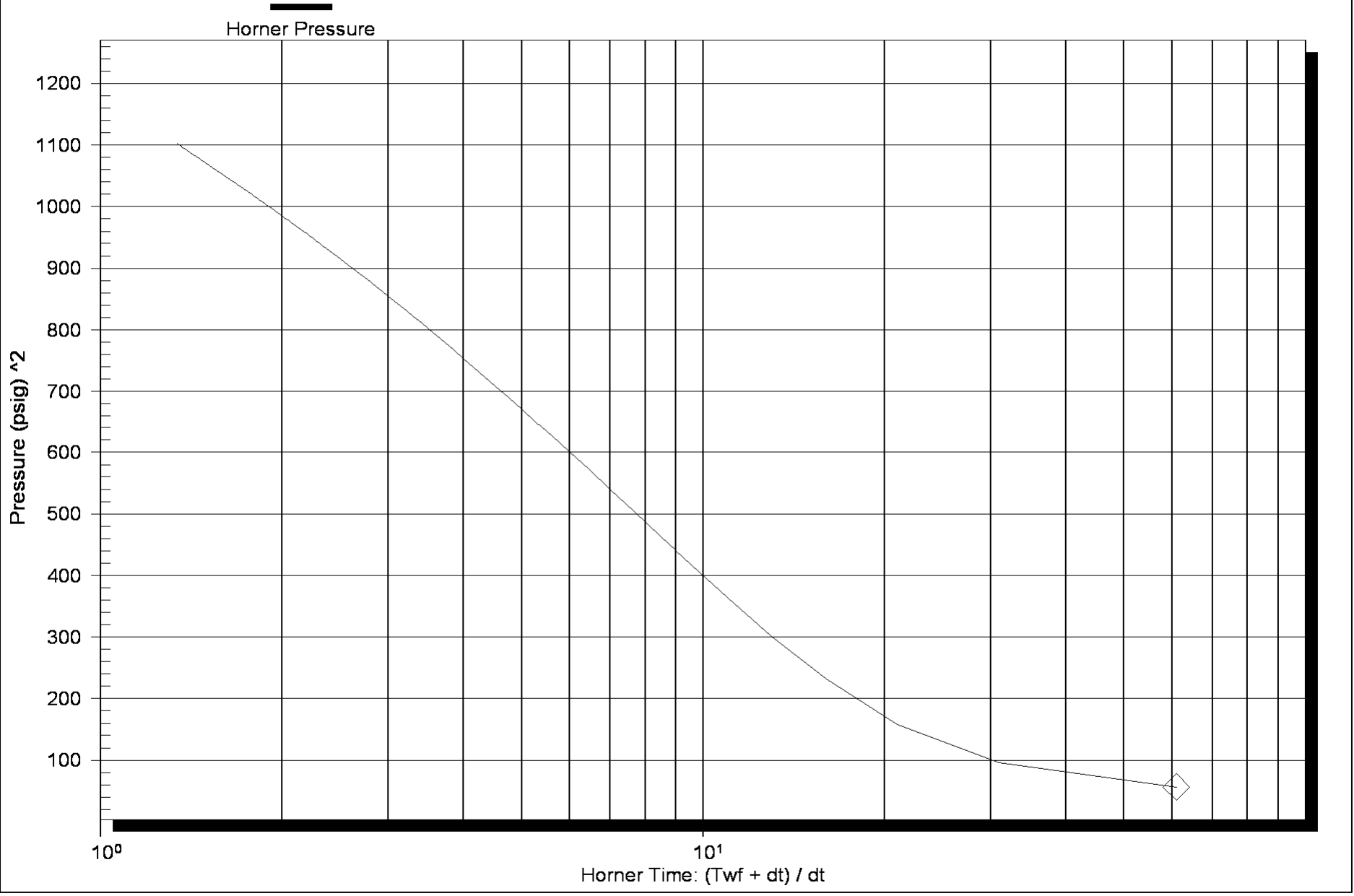




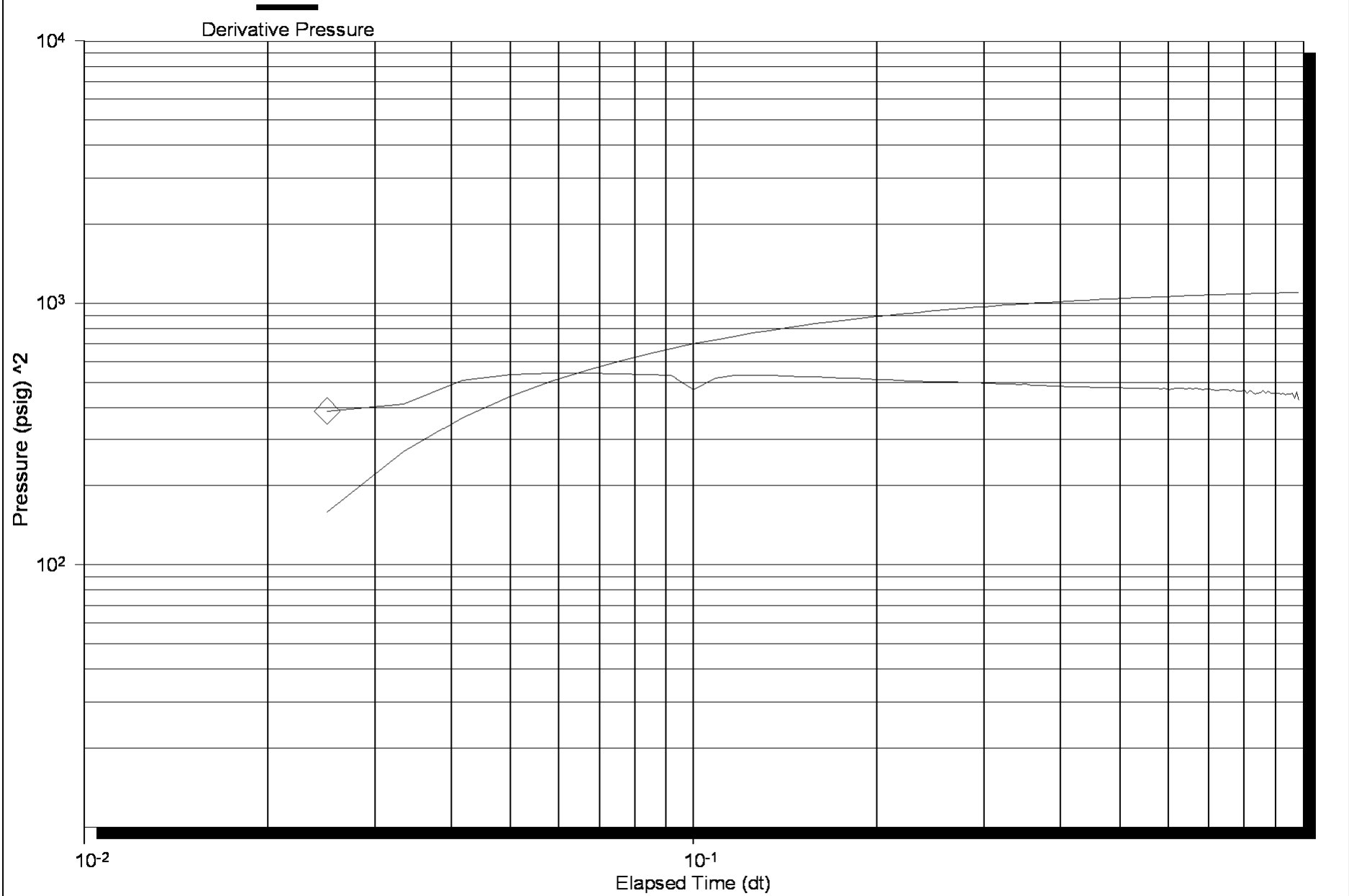
Horner Plot



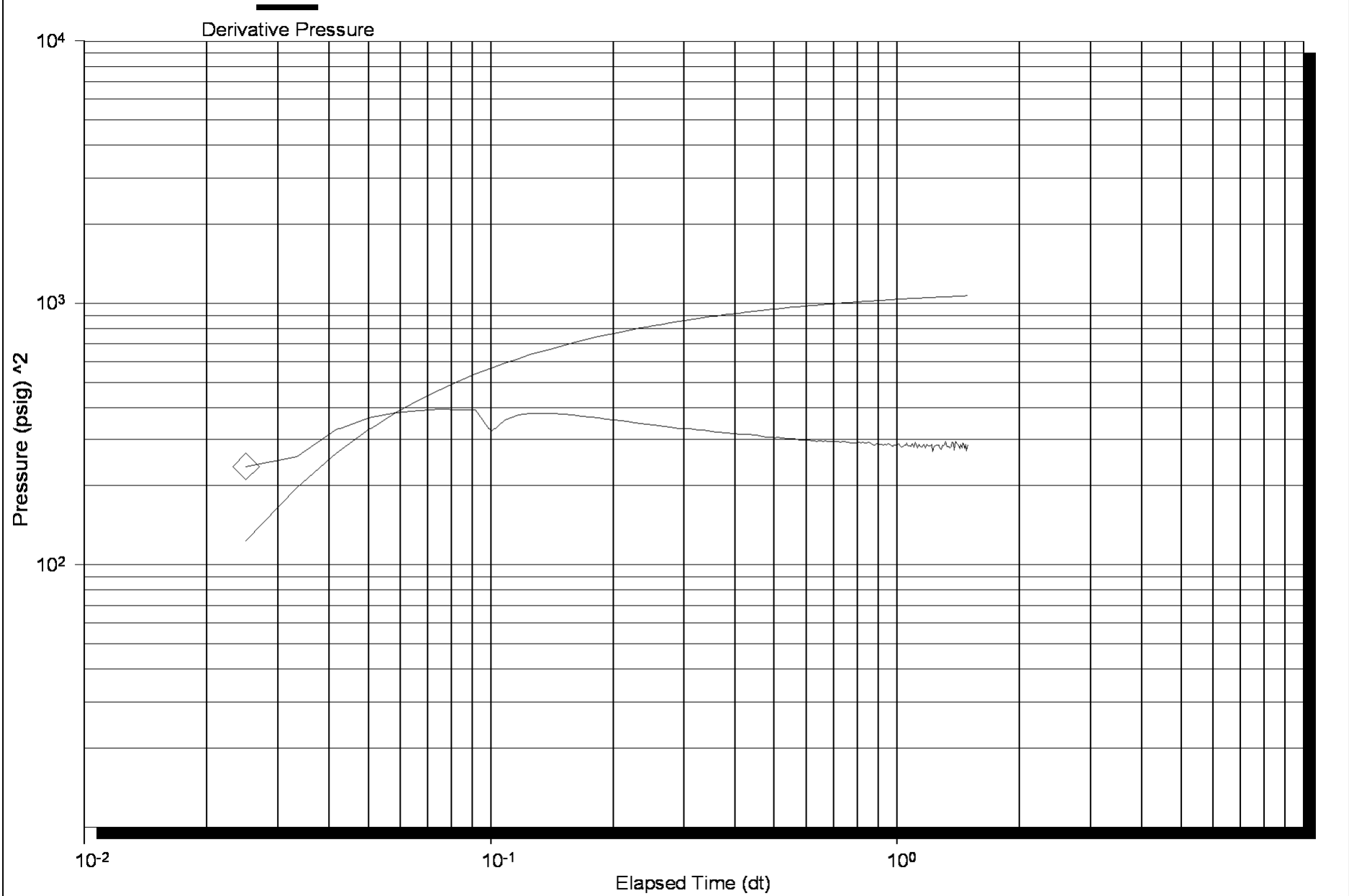
Horner Plot



Log-Log and Pseudo-Derivative



Log-Log and Pseudo-Derivative





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

Well Name: ROHLER TRUST et al # 1-11
Location: 400' FSL & 480' FWL, Ellis County, Kansas
License Number: 15-051-26175
Spud Date: 8/17/2011
Surface Coordinates:
Region: Wildcat
Drilling Completed: 8/25/2011

Bottom Hole
Coordinates:
Ground Elevation (ft): 2144' K.B. Elevation (ft): 2152'
Logged Interval (ft): 600' To: 3750' Total Depth (ft): 3750'
Formation: KANSAS CITY/ ARBUCKLE
Type of Drilling Fluid:

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

OPERATOR

Company: SAM GARY JR. & ASSOC.
Address: 1515 WYNKOOP ST., # 700
DENVER, CO. 80202
CO. GEO: Clayton Camozzi

GEOLOGIST

Name: Tim Hedrick/ Jeff Quimby
Company: Earth Tech OGL, Inc.
Address: PO Box 683
Hooker, Okla. 73945
888-543-8378 Cell: 620-482-0035

DST'S

DST#1 3296 TO 3382 DID NOT GET TO BOTTOM, 25' FILL

DST#2 3296 TO 3328 10 60 20 90

IF- VRY WK SRFC BLO/ IS-NB / FF-NB / FSI- NB

IH- 1626, FH-1567/ IF-46 TO 49, FF-48 TO 47/ ISI-1141, FSI-1115/ RECOVERED 35' MUD 100% M./ BHT 99 DEG. PIT
CHL 2500/ SAMPLER- 3000 ML MUD/ 260 PSI.

DST# 3 3404 TO 3446' 5 60 30 120

IF- 4 1/2" BLO/ ISI- NB/ FF- BOB IN 3 MIN./FSI- NB

IH- 1691, FSI-1660/ IF- 30 TO 42, FF-42 TO 63/ ISI-1076, FSI-1047/ RECOVERED- 370' GIP/ 115' TF, 115' SGMCO,
10%G., 70% O., 20%M./ BHT 102 DEG./ GRAV. 30, PIT CHL 2500
SAMPLER-600 ML G., 2200 ML O., 200 ML M., 600 PSI, 3000 TOTAL ML

DSTs

DST# 4 3444 TO 3466' 5 60 40 120

IF- 2.5' BLO/ ISI- NB /FF- 8 ' BLO / FSI- NB

IH-1680, FH- 1605/ IF- 30 TO 45, FF-48 TO 92/ ISI-1024, FSI- 972/ RECOVERED- 150' TF, 1' FREE OIL, 29' OIL
SPTTD MCW, 70%W., 30%M., / 120' W. .06RW @ 110 DEG 86,000 CHL/ PIT CHL 4000/ SAMPLER-3000 ML W., 450
PSI

DST#5 3616- 3655 10 60 15 60

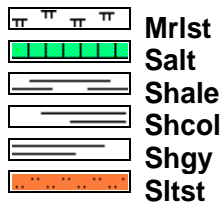
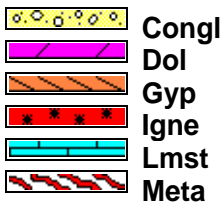
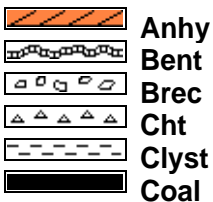
IF- WK SRFC DIED IN 4 MIN/ISI- NB/ FF- NB/ FSI- NB/

IH- 1823, FH- 1803/ IF- 25 TO 29, FF- 27 TO 27/ ISI-78, FSI-38/

RECOVERED- 2' MUD/ BHT 102 DEG. PIT CHL 4000

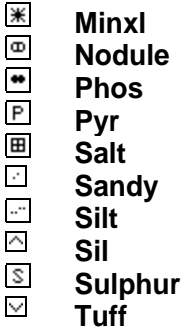
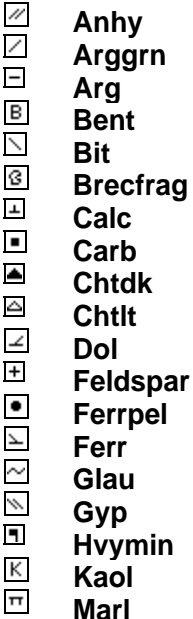
SAMPLER- ? 3000 TOTAL ML ?

ROCK TYPES

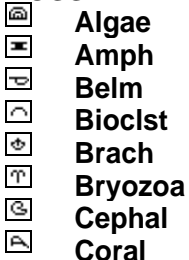


ACCESSORIES

MINERAL



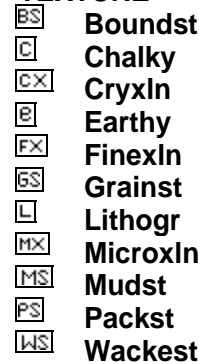
FOSSIL



STRINGER

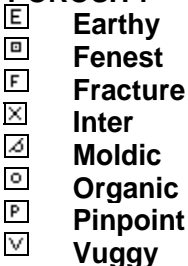


TEXTURE



OTHER SYMBOLS

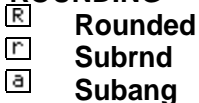
POROSITY



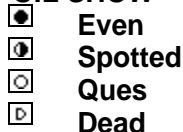
SORTING



ROUNDING



OIL SHOW

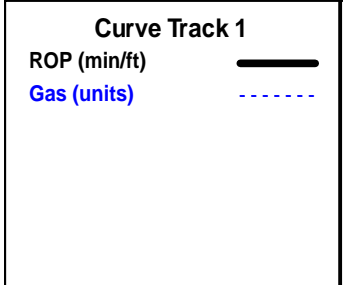


INTERVAL



EVENT





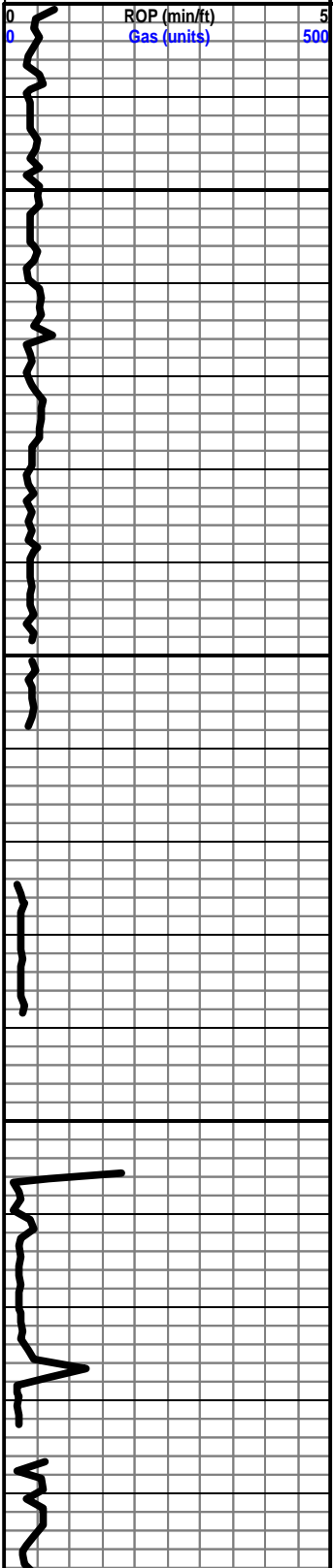
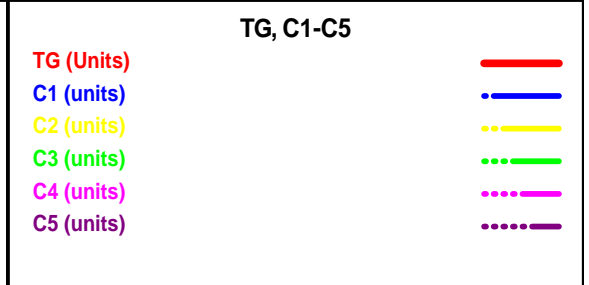
Depth

Porosity Type

Lithology

Oil Shows

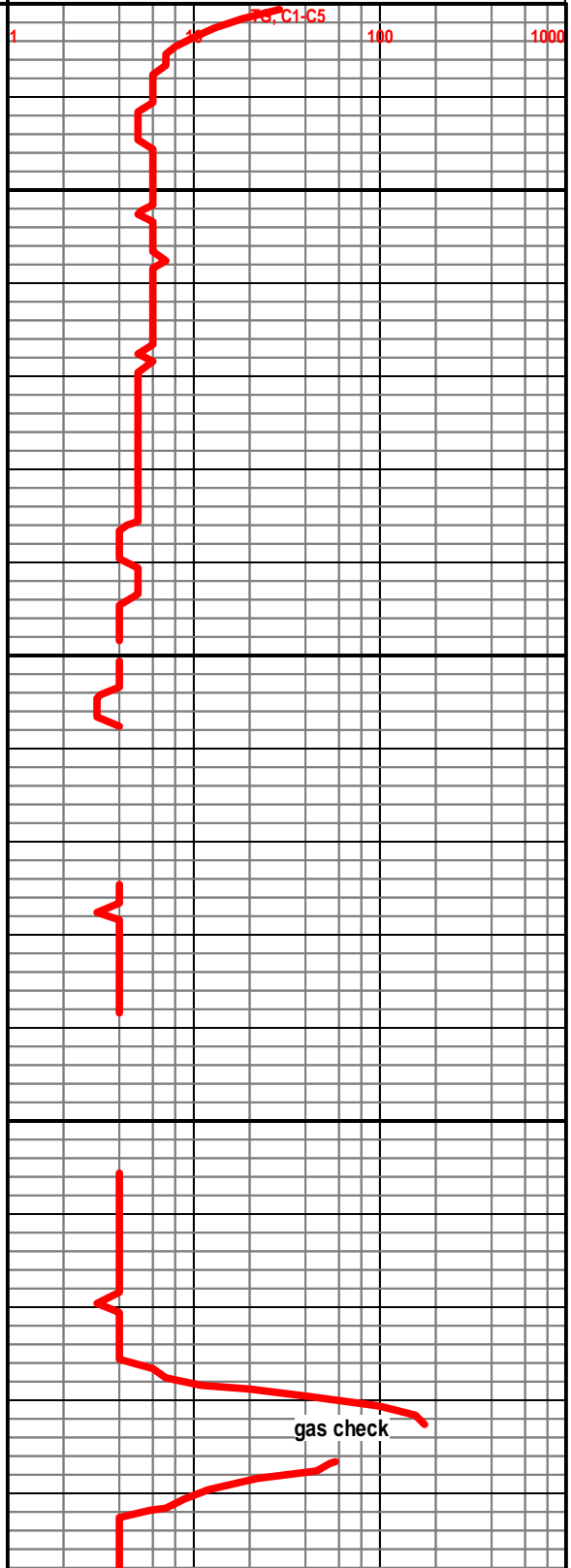
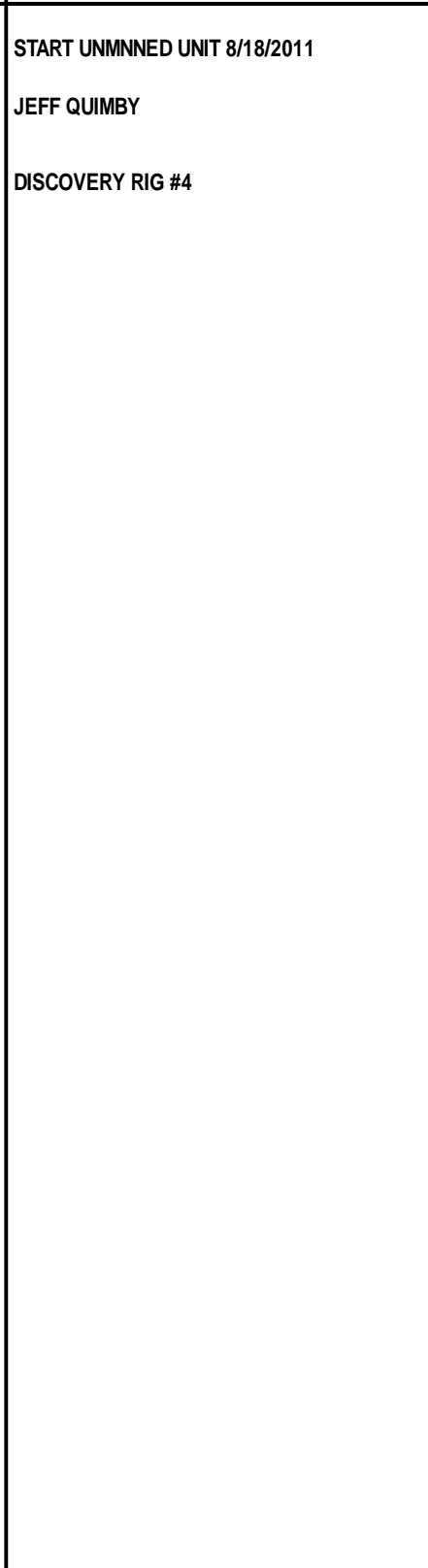
Geological Descriptions

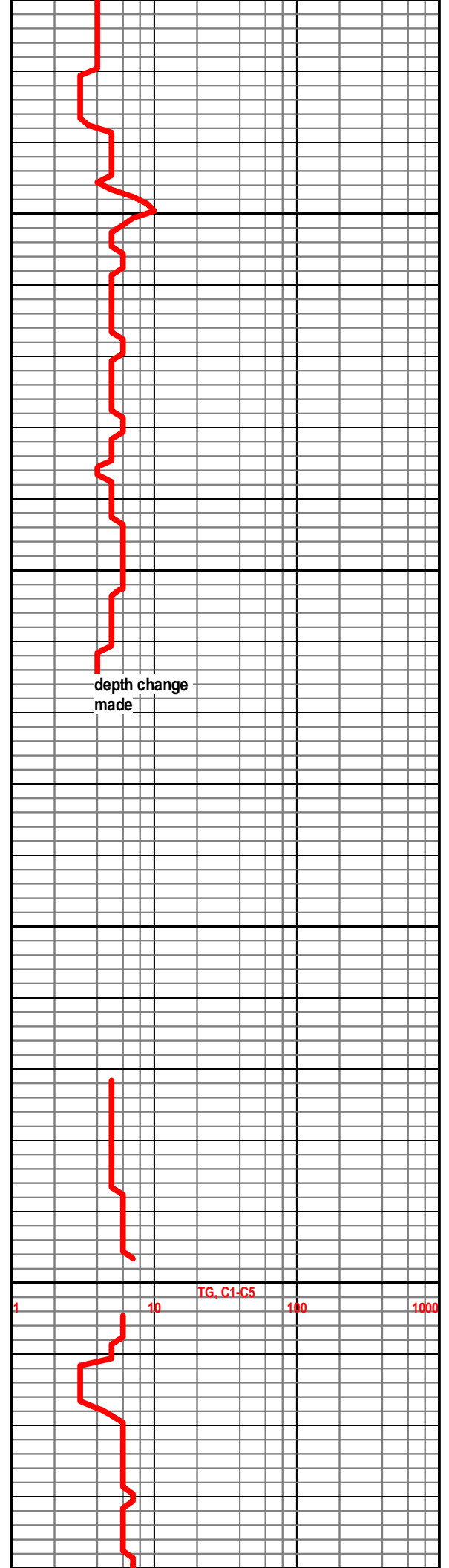
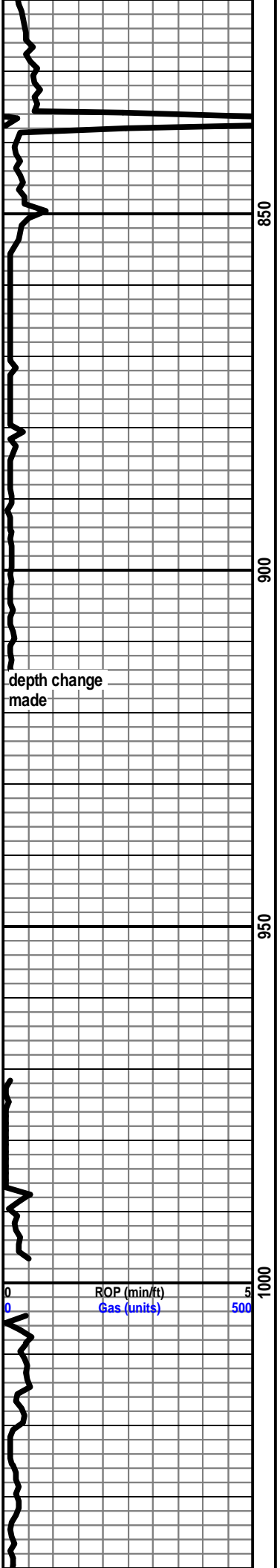


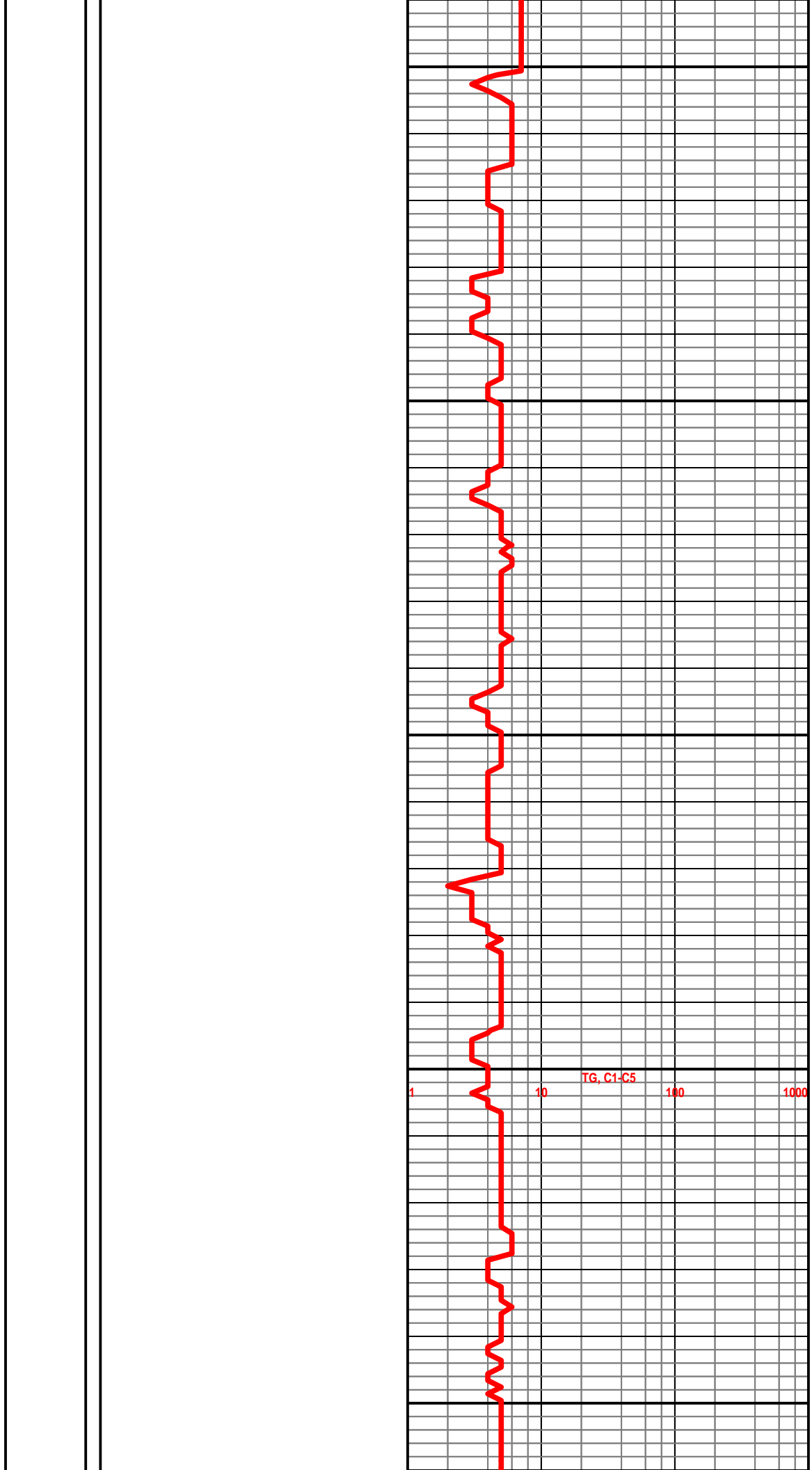
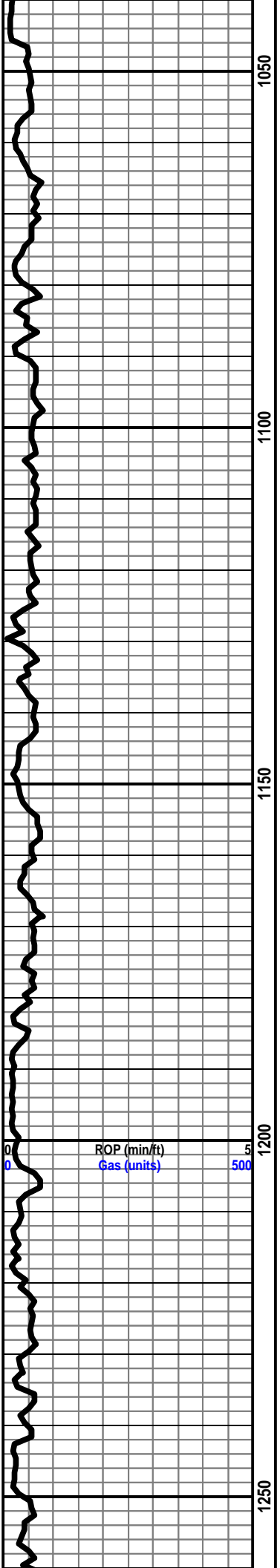
START UNMNNED UNIT 8/18/2011

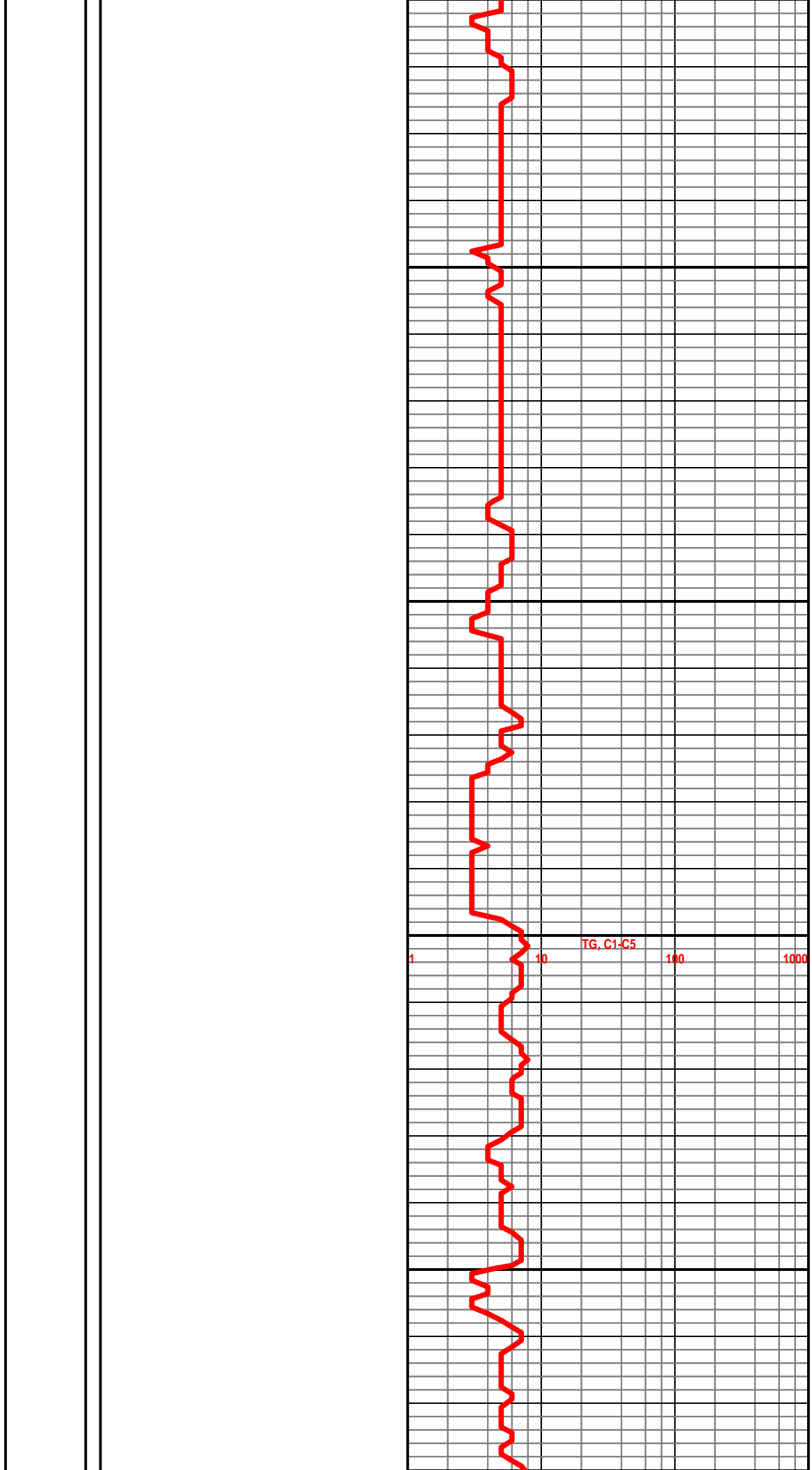
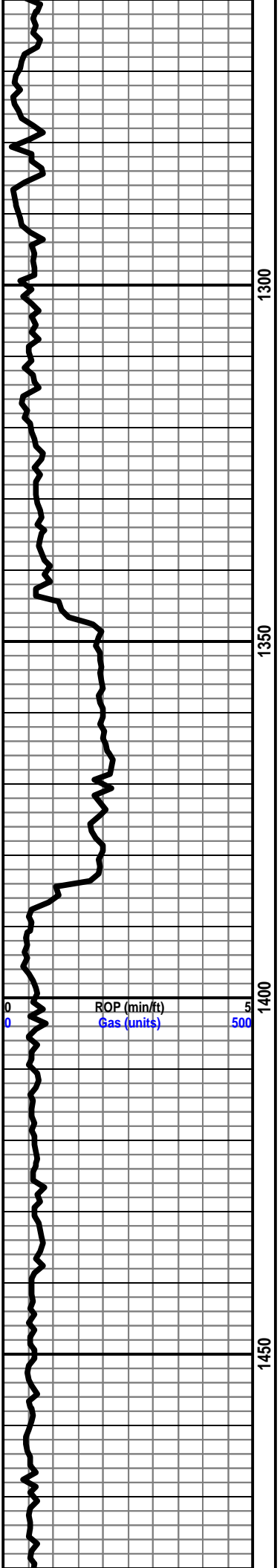
JEFF QUIMBY

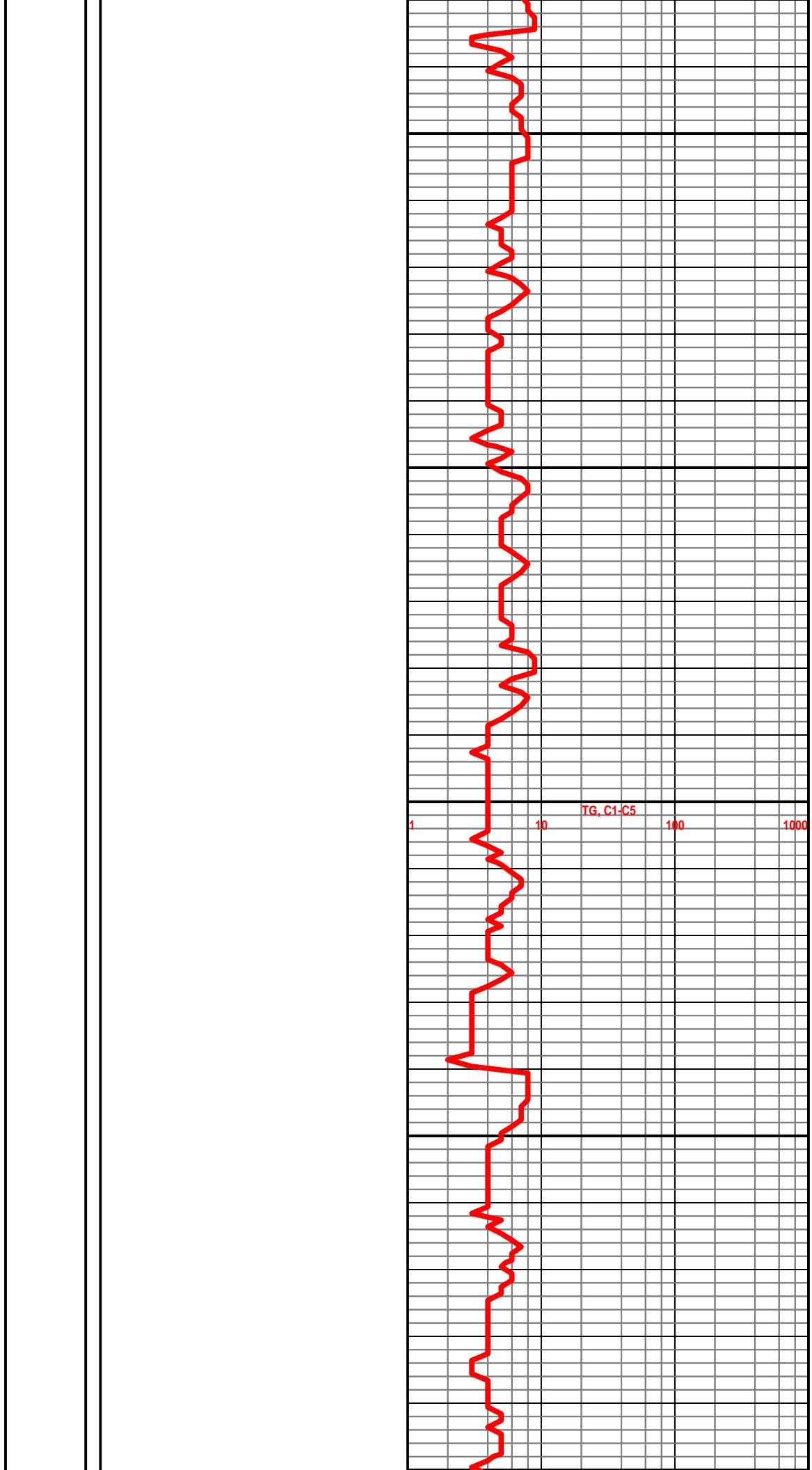
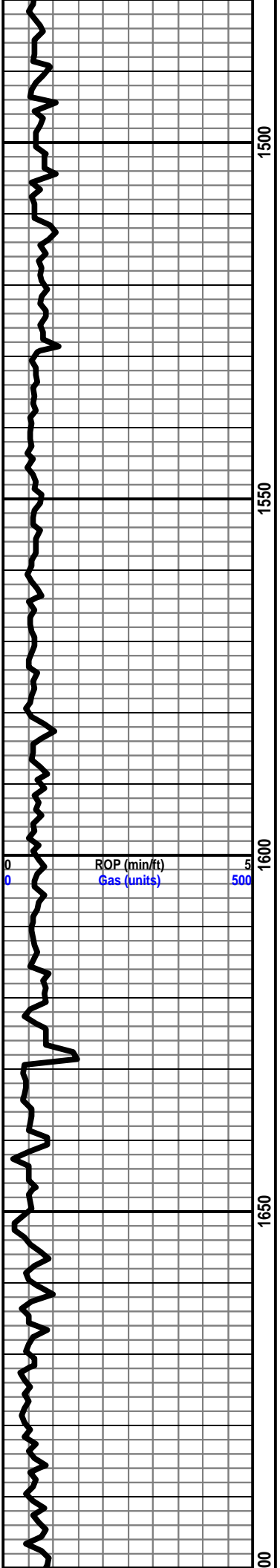
DISCOVERY RIG #4

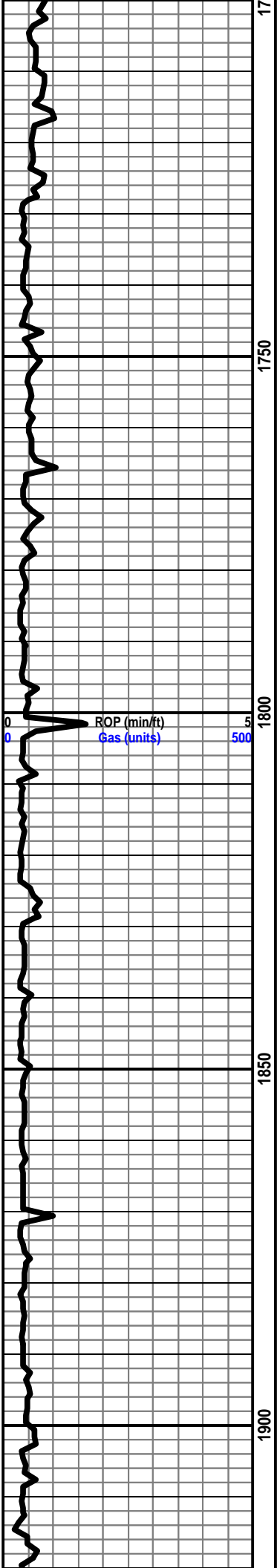












17

1750

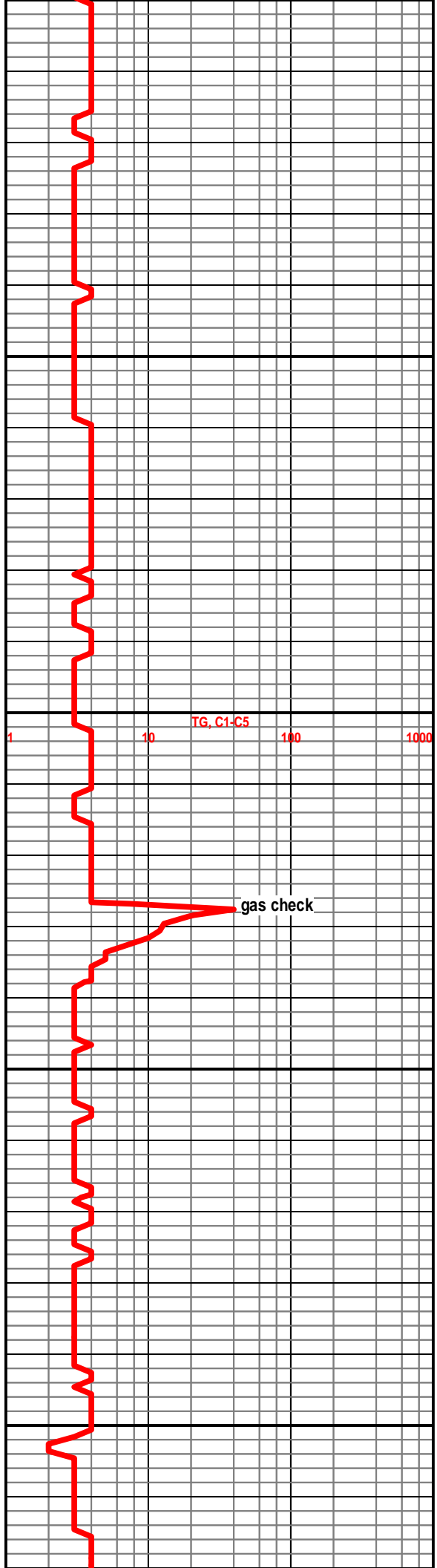
1800

1850

1900

ROP (min/ft)
Gas (units)

0
5
500



TG, C1-C5

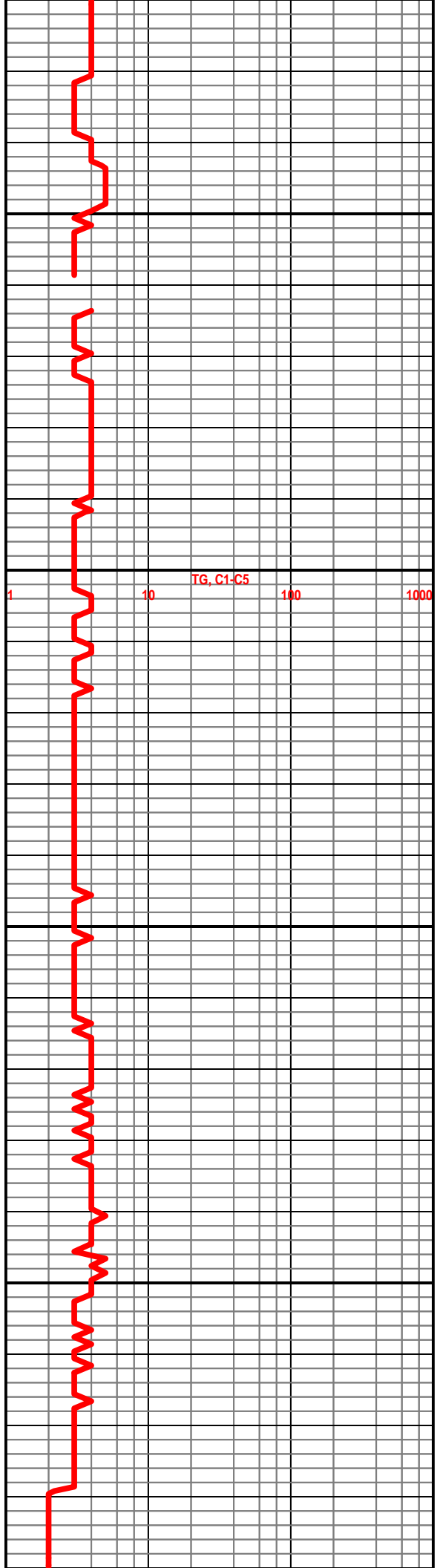
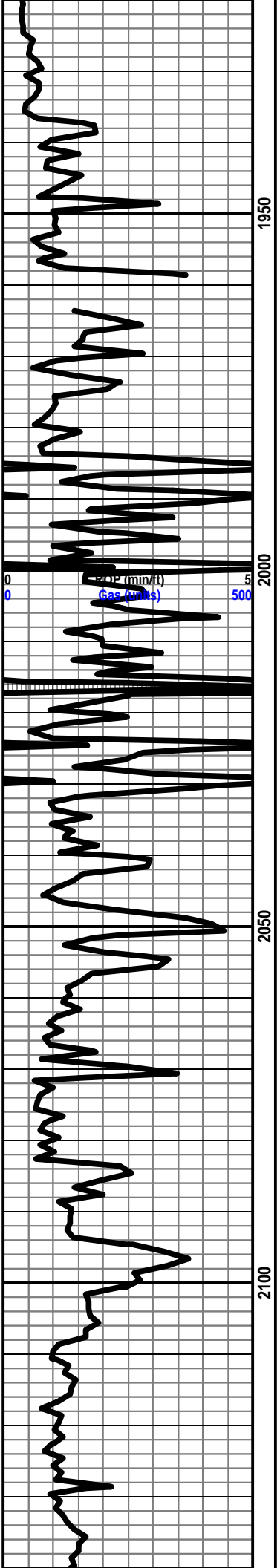
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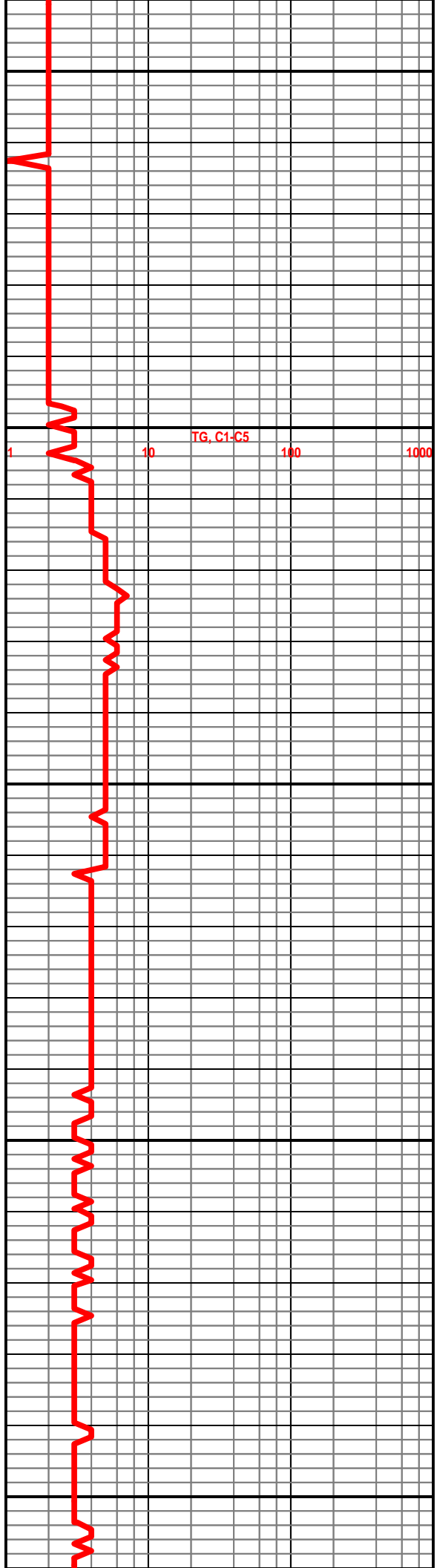
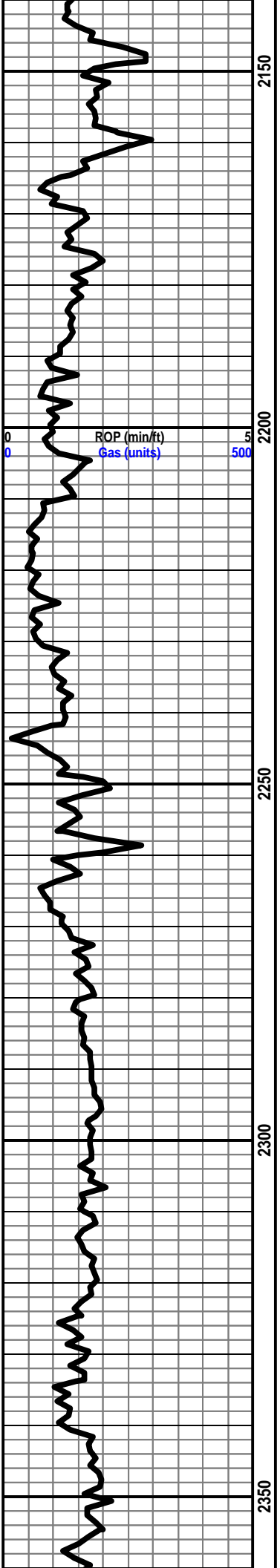
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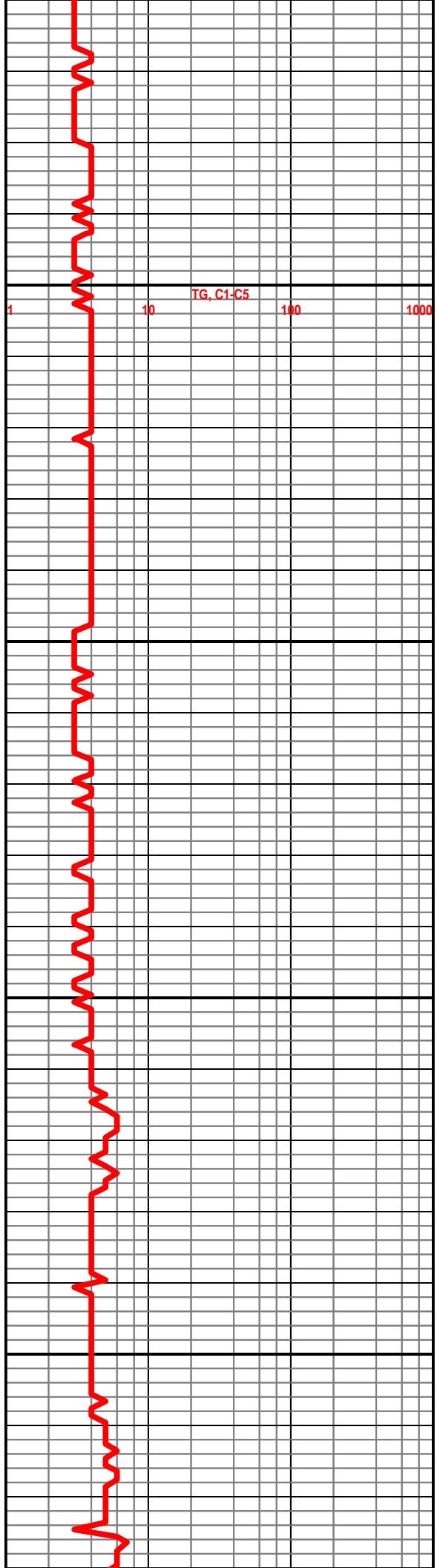
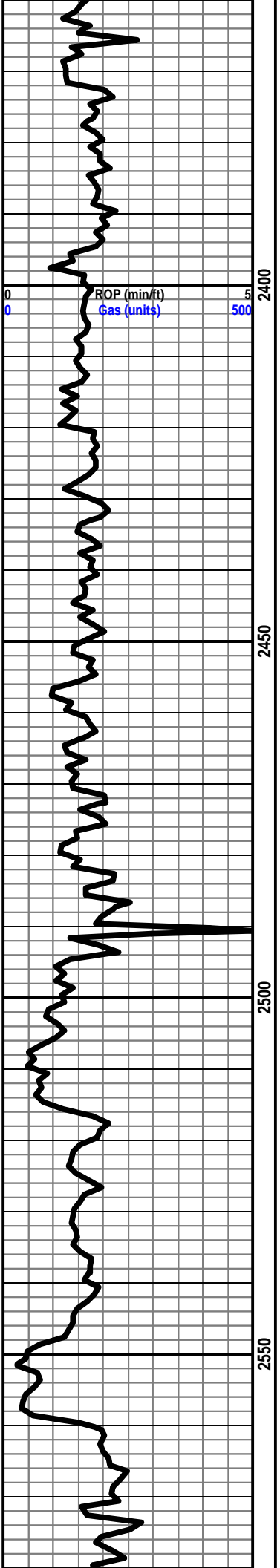
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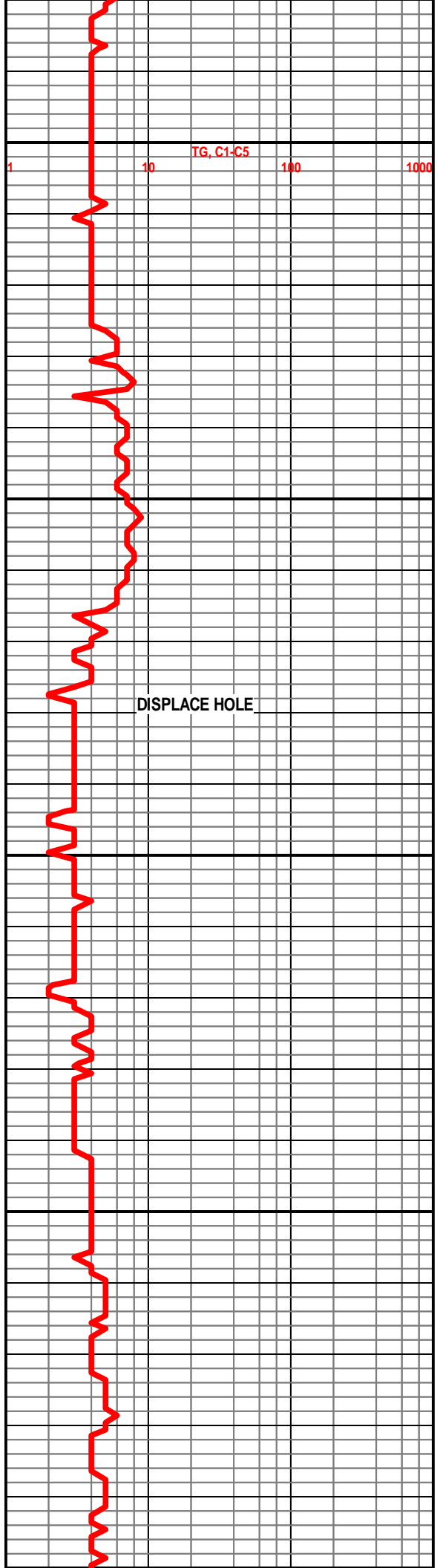
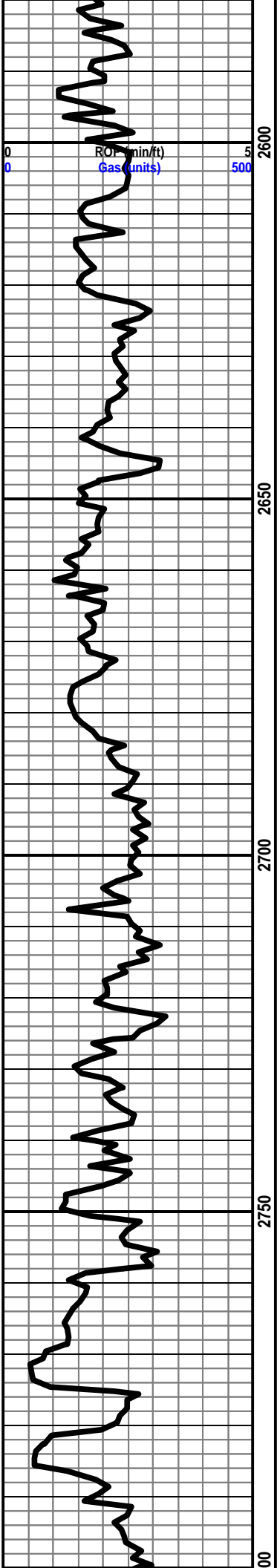
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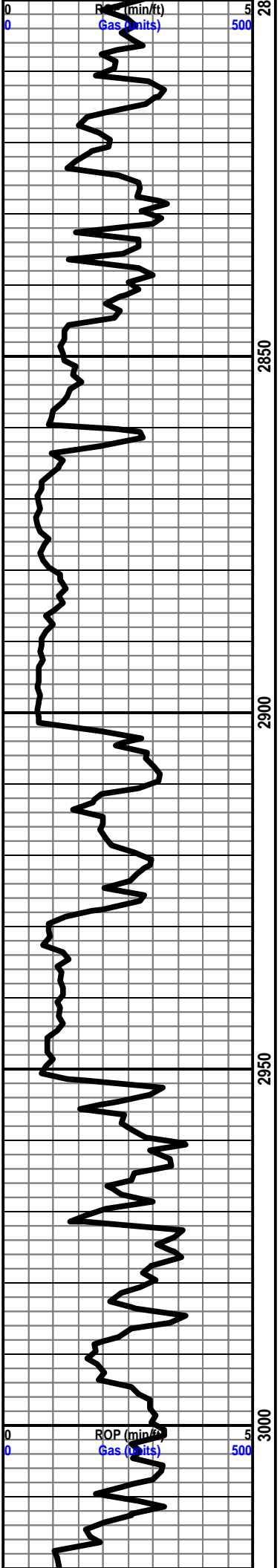
gas check



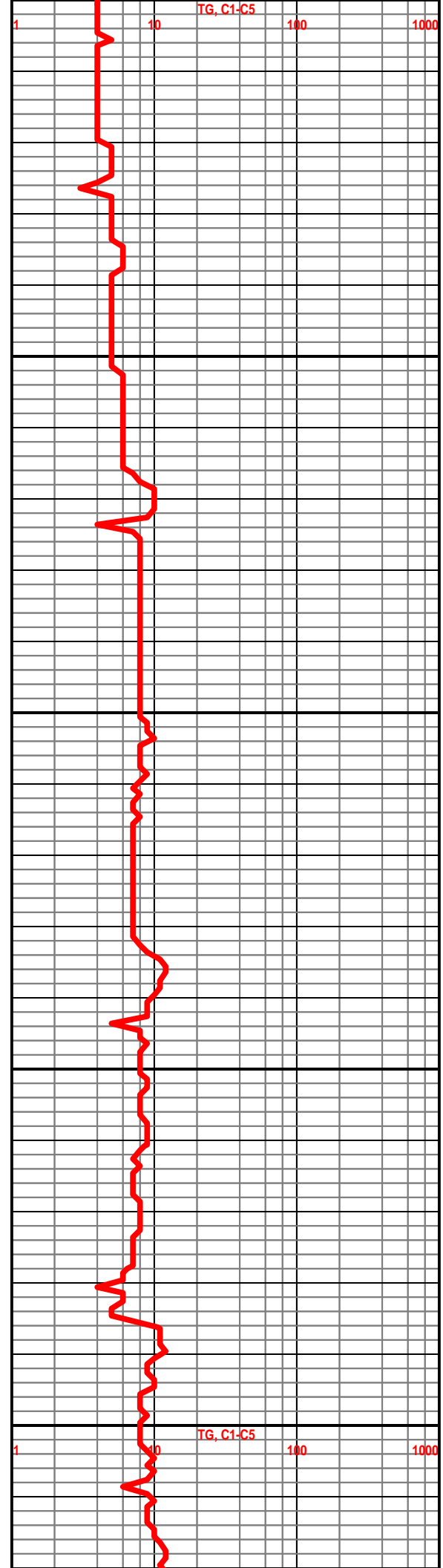


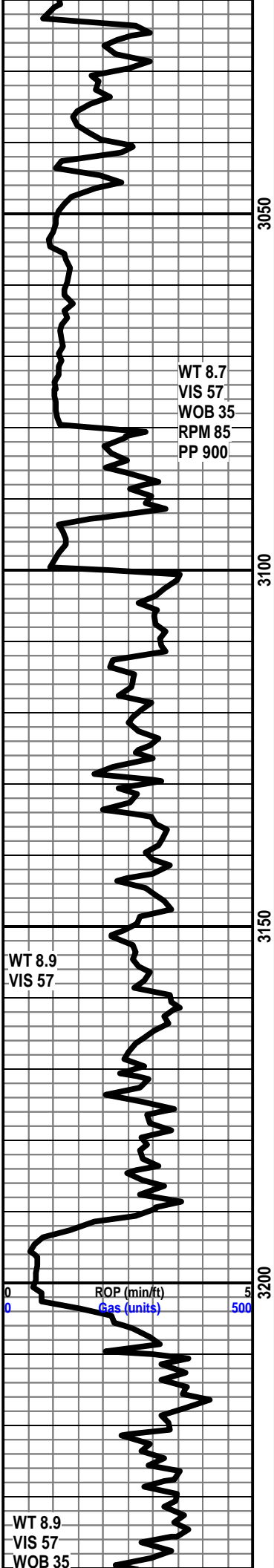






BASE ROOT SH. 2902' - 750'





WT 8.7
VIS 57
WOB 35
RPM 85
PP 900

WT 8.9
VIS 57

ROP (min/ft)
Gas (units)

WT 8.9
VIS 57
WOB 35

3050
3100
3150
3200



SH- LT TO MD GY , FRM BLKY SMTH TXT

HOWARD 3080' - 928'

LS OFF WHT CRM BFF- HD DNS BRIT I,
MD-F-XLN RE-XLN IP, FOSS FRGS IMBD IP, LT
YEL MIN FLO, NO VIS POR,NO VIS SHOW

LS- OFF WHT CRM LT GY- HD DNS TO V/
BRITT, MD-FXLN , V/RE-XN MTRX, ABDT FREE
FOSS, HVY TR IMBD LT GY TO GRN SH IP,
SLI TR FRM CHLK IP, LT YEL MIN FLO, NO
VIS POR, NO VIS SHOW

SH- LT TO MD GY- FRM BLKY SMTH TXT, V/
CALC IP

LS- CRM LT GY GY- HD DNS TO BRITT, V/
SUCRO S-CHLKY MTRX W/ IMBD DISS LT GY
SH THRU, NO FLO, NO VIS POR, NO VIS
SHOW

SH- BLK SFT CARB

SEVERY 3149' - 997'

TOPEKA 3153' - 1001'

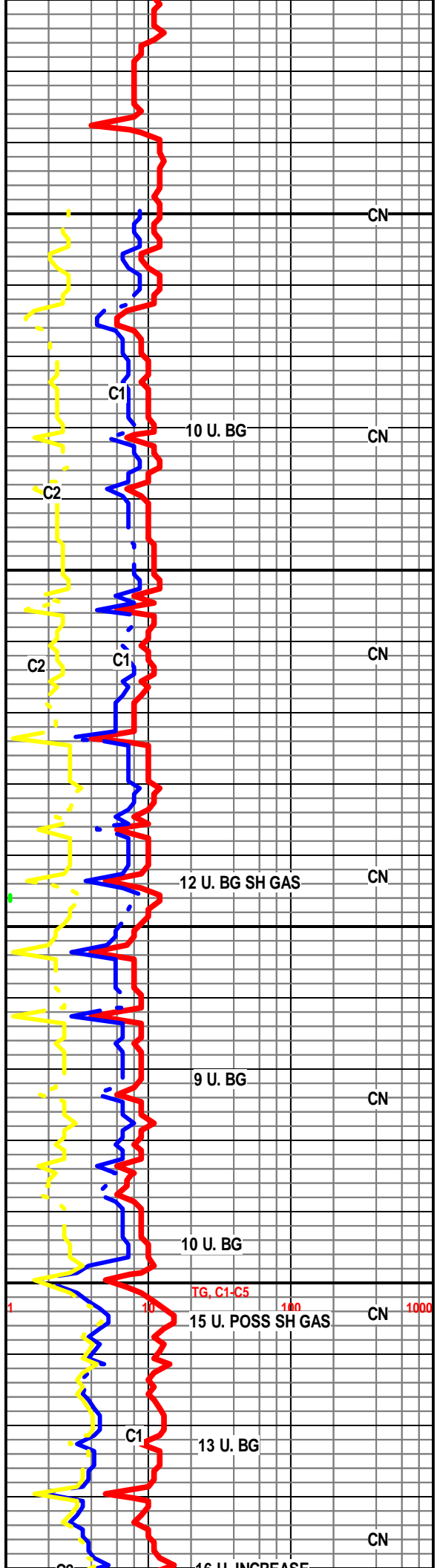
LS- CRM LT TN TN- HD DNS TO TR BRITT,
F-V/F-XLN S-SUCRO IP, TR FOSS FRGS, TR
IMBD PYR, LT YEL MIN FLO, NO VIS POR, NO
VIS SHOW

LS- CRM OFF WHT, HD DNS TO BRITT,MD-XLN
TO SUCRO S-CHLKY MTRX, SLI TR DISS LT
GY SH IP, SCT DLL YEL MIN FLO IP, NO VIS
POR, NO VIS SHOW

DOL0- LT TN TN- HD DNS IP TO V/ BRITT, V/
FN SUCRO MTRX, V/ CALC TO LMY,TR FNLY
DISS SCAT IMBD DK GY SH IP,NO FLO, NO
VIS POR TO POSS PR MICRO PP POR IP, NO
VIS CUT OR SHOW

LS- OFF WHT CRM BFF- HD DNS F-V/F- XLN
TR S-SUCRO IP,TR SCAT PYR CLSTRS, LT
YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH- BLK SFT CARB TO V/ DK GY , TR IMBD
FOSS FRGS IP



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1000

RPM 85
PP 900

3250

LS- OFF WHT CRM BFF- MD HD TO SFT IP,
SUCRO IP TO SUCRO S-CHLKY MTRX,HVY TR
MOTT LT GY CHRT, LT YEL MIN FLO, NO VIS
POR, NO VIS SHOW

SH- BLK SFT CARB

LS- OFF WHT WHT CRM, MD HD TO SFT, V/
SUCRO S-CHLKY MTRX, RE-XLN IP, TR FOSS
IMBD, TR IMBD SH IP,HVY TR ABDT SFT WHT
CHLK, NO FLO, NO VIS POR, NO VIS SHOW

LS- CRM LT TN TN- HD DNS F-V/F-XLN, TR
MD-XLN IP, TR TN GY CHRT, TR IMBD PYR IP,
LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

LS- CRM LT TN BRN , (BRN OIL STN IN 75%)HD TO
BRITT, MD-F-XLN, RE-XLN MTRX TO SUCRO, S-CHLKY
TXT IN 30%, ABDT FOSS FRGS IP , IMBD ANG LM GRNS IP,
DLL YEL GLD FLO THRU , TR BRITYEL GLD FLO IN 10%,
FR TO GD VIS MICRO PP POR IN 60%, FR SCAT
MICROVUG POR, PHNTM OOLCST POR, FR TO GD VIS
INTER-XLN FOSS POR IP,EXCEL FL SH CUT TO EXCEL
SLO STRM CUT IN 80%, GD OIL ODOR, BRN LCH ON DISH

HEEBNER 3338' - 1186'

SH-BLK, SFT CARB

LS- CRM TO LT TN, HD DNS TO BRITT, V/F-XLN TO
SUCRO IP, DLL YEL FLO, NO VIS POR, NO VIS SHOW

LS- CRM TO TN, HD TO BRITT, F-XLN IP TO SUCRO IP W/
ABDT PYR CLSTRS IMBD THRU, TR F-GRN CLR S-ANG
QURTZ GRNS W/ SCAT IMBD PYR & IMBD GLAUC THRU,
DLL YEL MIN FLO IN 10%, NO VIS POR, NO VIS SHOW

DOUGLAS 3374' -1222'

SH- RED TO GRN MOTT, FRM, BLKY

LANSING 3384' -1232'

LS- OFF WHT TO CRM, LT TN, (DUE TO STAIN IN 10%) HD
TO MD HD, MD F-XLN W/ FOSS FRGS IP V/ SUB CHLKY IP,
GRDNG TO ABDT MD TO SFT WHT CHLK THRU OUT,
BRIT YEL GLD FLO IN 10%, NO FLO IN 90%, NO VIS POR,
GD FL SH TO GD SLW STRM CUT IN 10%

3415- 3419 LS- LT TN DK TN (DUE TO SCAT OIL DTN
THRU), HD DNS TO SLI TR BRITT IP, MD-V/F- XLN RE-XLN
IP, IMBD SCAT FOSS FRGS , TR IMBD OOL, BRIT YEL GLD
FLO THRU, DLL YEL GLD FLO IP, PR VIS MICROVUG POR
IP, PR INTERFOSS POR IP TO NO VIS POR, VGD FL SH CUT
TO VGD TO EXCEL SLO STRM MLKY BLUE CUT THRU.
VV/ LT OIL DDDR

3429-3432 LS- OFF WHT CRM LT TN (TN OIL STN SCAT IN
70%) HD DNS IP TO BRITT, MD-F-XLN RE-XLN MTRX,
FOSS FRGS IMBD IP,IMBD WHT CHLK IP, BRIT YEL GLD
FLO IN 70%, PR TO FR TO TR GD SCAT MICRO VUG POR
IP, PR INTER-XLN FOSS POR IN 20%, EXCEL FL SH CUT
THRU TO EXCEL SLO STRM MLKY BLU CUT THRU, TN
STN ON DISH

3437- 3446- LS- OFF WHT CRM BFF- HD TO MD HD ,
MD-F-XLN, S-CHLKY TO CHLKY IP, TR ABDT FRM WHT
CHLK, NO FLO, NO VIS POR, NO VIS SHOW

3450-3452 SH- BLK SFT CARB

3456-3460 LS- CRM LT TN LT BRN, (LT BRN TO DRK BRN

DST#1& 2 3296' TO 3328'

CFS@ 3328'

12:01 AM 8/21/2011

12:01 AM 8/22/2011

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ROP (min/ft)
Gas (units)

CFS@ 3405'

DST# 3 3404 TO 3446

WT 8.9
VIS 69
RPM 60
WOB 35

CFS @ 3437

12:01 AM 8/23/11

DST#4 3444 - 3466

CFS@ 3446'

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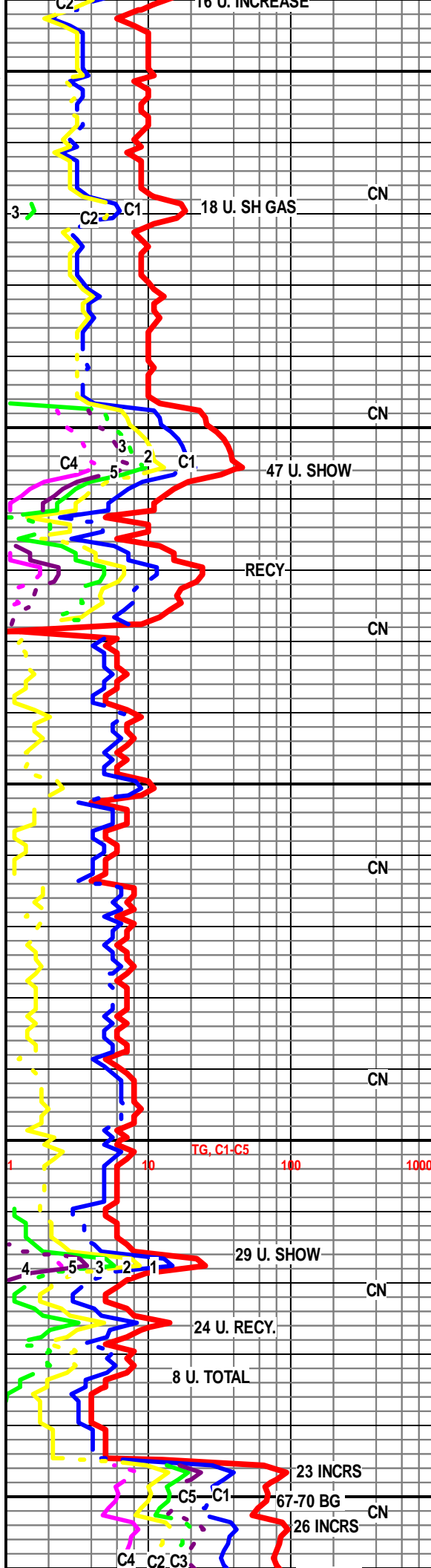
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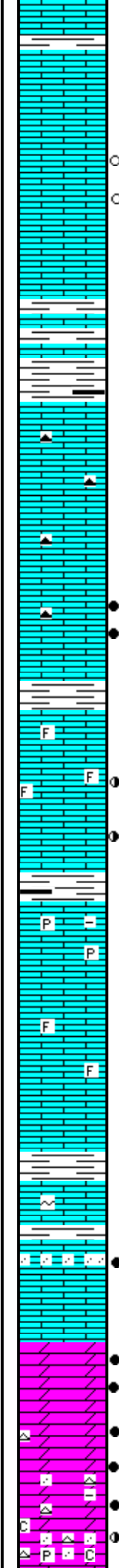
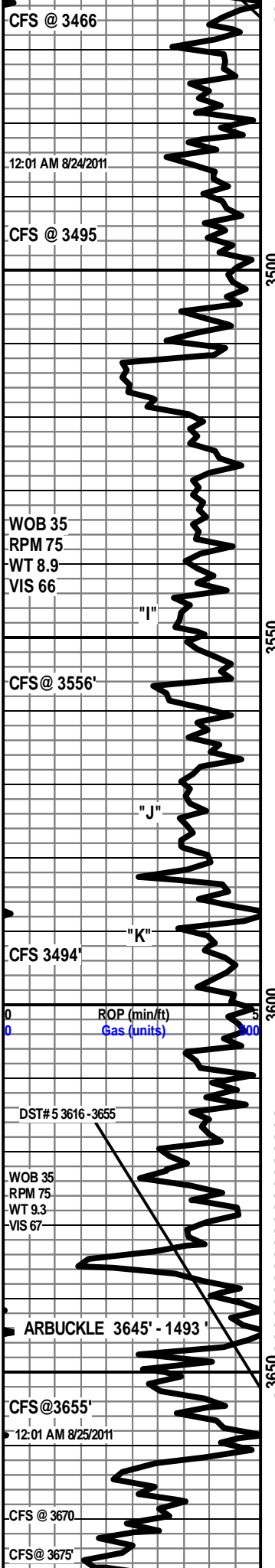
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OIL STAIN 90% HD DNSE IP TO VBRITT, MD TO F-XLN RE XLN MTRX FOSS FRGS SCATT THRU OUT, SM MICRO OOL IP SLT TR OF WHT CHLK IP, BRITT YEL GLD FLO THRU OUT DLL YEL GLD FLO IP GD VIS MICRO VUG POR SCATT THRU OUT PR TO FR INTER FOSS POR AND TR OF GD INTER OOL POR, RICH BRITT YEL GLD FLO, EXCEL FLUSH CUT IN 90% EXCEL SLW STREAM MILKY BLUE CUT GD OIL ODOR, TN LEACH ON DISH

3482 TO 3490' LS - OFF WHT TO CRM BFF LT TN (SCAT LT TN OIL STN IP) HD DNS SLI TR BRITT IP, F-VF-XLN RE-XLN IP, TR PHNTM FOSS FRGS, SLI TR SCAT CHLKY TXT IP, BRIT YEL GLD FLO IN 15%, DLL YEL MIN FLO IN 80%, NO VIS POR, FR FLSH TO WK SLO STRM CUT IN 15%, NO CUT IN 80%, NO ODOR

LS- OFF WHT CRM BFF- HD DNS TO BRITT IP, F-VF-XLN, HVY TR ABDT SFT WHT CHLK IP, LT YEL MIN FLO, NO VIS POR, NO VIS SHOW

SH- GRN LT GY DK GY BLKK, FRM BLKY MOTT SMTH TXT TO BLK SFT CARB IP

LANSING "H" 3518' - 1366'

LS- CRM BFF LT TN - HD DNS F-VF-XLN TO MD -XLN IP TO HVY TR SFT WHT CHLK IP, TR GY WHT MOTT CHRT LT YEL MIN FLO IP, NO VIS POR, NO VIS SHOW

3544 - 3552- LS LT TN TN LT BRN (DUE TO EVEN BRN OIL STN IN 80-90%) HD DNS TO BRITT, MD-XLN V/ RE-XLN MTRX V/ FOSS, TR SUCRO TXT IP, SMLL CALC XLS IMBD THRU, TR TN WHT CHRT IMBD IP, BRIT YEL GLD FLO IN 95%, PR TO FR SLI TR GD MICRO VUG POR IP, PR TO FR FR INTER-FOSS POR IN 50%, EXCEL INST FLSH CUT AND EXCEL SLO STRM MILKY BLU CUT IN 95%, GD OIL ODOR, OIL SHEEN ON WATER IN CUP, DK TN LCH ON DISH

SH- LT GRN LT GY- FRM BLKY SMTH TXT SLI SFT GMMY IP

3567- 3579' LS- OFF WHT CRM LT TN - HD DNS MD-F-XLN TR IMBD FOSS FRGS IP, HVY TR ABDT FRM TO SLI SFT WHT CHLK, BRIT YEL FLO IN 50% TO NO FLO IN 50%, NO VIS POR TO TR MICRO PP POR IP, LT FLSH CUT TO FR SLO STRM CUT IN 30%, NO ODOR, NO STN

SH- LT GRY TO LT GRN, V/ SFT GMMY TXT TO HVY TR BLK SFT CARB IP

LS- CRM BFF- HD DNS F-VF-XLN, RE-XLN MTRX IP, SLI TR IMBD LT GY SH, TR SCAT DISS PYR IP, NO FLO, NO VIS POR, NO VIS SHOW

LS- OFF WHT TO CRM BUFF, HD DNSE, SCATT FOSS FRAGS, F-XLN, NO FLO, NO VIS POR, NO CUT

BASE KC 3619' - 1467'

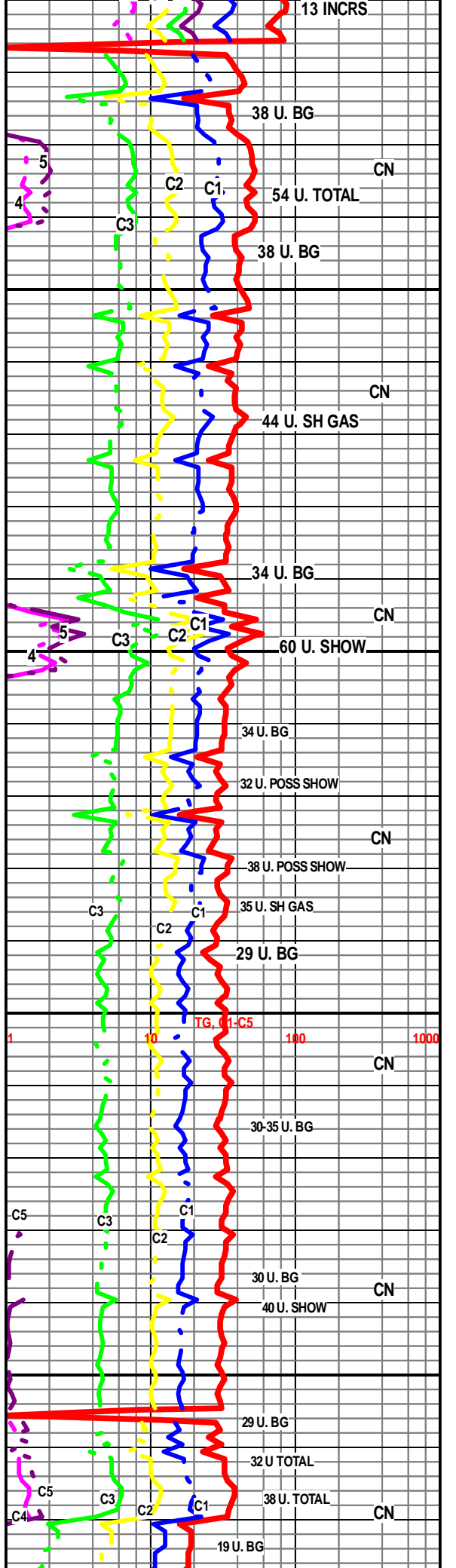
SH- DRK GRY TO GRN SFT, FRM, SMTH

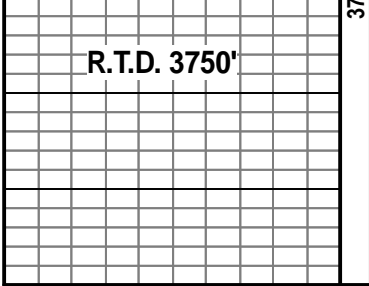
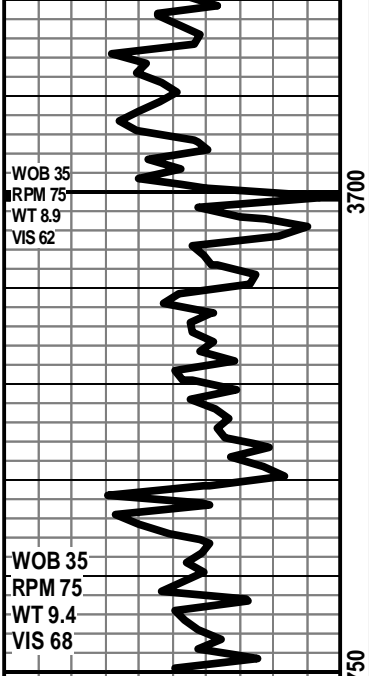
LS- OFF WHT TO CRM, HD DNSE, F-XLN, IMBD GLAUC, PYR IP, DLL YEL FLO, NO POR, NO CUT

3633 - 3636 LS- OFF WHT CRM LT TN (TN STN IN 70%) HD TO V/ BRITT MD-XLN TO SUCRO MTRX ABD T IMBD V/F-S-RND CLR TO FRSTY QURTZ GRNS IP, ABDT IMBD FN ANG LM GRNS THRU, HVY TR IMBD SFT WHT CHLK IP, EXCEL BLUE FLSH CUT, V/ GD SLO STRM CUT

3645 - 3655' DOLO- OFF WHT LT TN TN (TN LV OIL STN IN 80%) HD DNS TO V/ BRITT, MD-F-XLN RE-XLN MTRX, SCAT MD IMBD ANG DOLO GRNS IP, GRDNG TO V/ FN SUCRO MTRX IP, W/ LV OIL STN IN 70-80%, SLI TR IMBD WHT DOLO CHLK IP BRIT YEL GLD FLO IN 50% DLL YEL GLD FLO IN 50%, GD VIS MICRO VUG TO VUG POR SCAT THRU, GD VIS INTER-XLN POR IP, EXCEL INST FLSH TO EXCEL SLO STRM MILKY BLU CUT, BRN STN ON DISH, GD STRNG OIL ODOR

3655-3670- DOLO- TN TO DK TN (LV OIL STN IN 100%) HD DS TO BRITT, F-XLN IP RE-XLN MTRX TO V/ FN SUCRO MTRX, ABDT IMBD SMLL ANG DOLO GRNS IP, HVY TR IMBD CLY IP, IMBD SCAT WHT CHRT, BRIT YEL GLD FLO IN 50%, DLL YEL GLD FLO IN 50%, PR TO FR TR GD VIS





R.T.D. 3750'



3750

INTER-XLN POR SCAT THRU, SLI TR PR SCAT MICROVUG
 POR, 100% OIL SOAKED FROM 30 MIN SAMPLE TO 75 MIN
 SAMPLE, EXCEL FLSH CUT TO EXCEL SLO STRM MLKY
 BLU CUT IN 100%

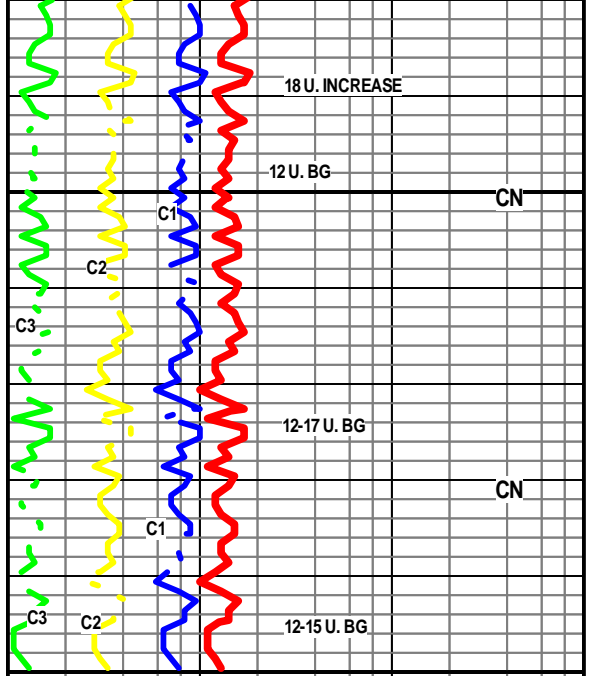
3670-3675- DOLO WHT TO OFF WHT LT TN IP (TN OIL STN
 IN 20%) HD DNS IP TO SFT, ABD T F-VF-XLN IP TO V/FN
 SUCRO S-CHLKY MTRX IP, ABDT SFT CHLK IP, HVY TR
 CLR DOLO RHOMS IMBD IP AND TR PBBLE SIZED S-RND
 QURTZ GRNS IP, HVY TR IMBD WHT CHRT, TR DISS PYR
 IN 60 SAMPLE, BRIT YEL MIN FLO IN 70% BRIT YEL GLD
 FLO IN 30%, FR FLSH CUT IN 30%, FR TO GD SLO STRM
 CUT IN 30%, NO CUT IN 70%, OIL SHEEN IN SAMPLES, LT
 OIL ODOR

3675-3700- DOLO OFF WHT CRL LT TN TN (BRN OIL STN
 IN 40%) HD DNS TO V/ BRITT, MD-F-XLN RE-XLN MTRX
 ABDT WHT TN CHRT , HVY TR IMBD SFT WHT CHLK
 IP, BRIT YEL GLD FLO IN 40%, DLL YEL FLO IN 50%, GD VIS
 OOLMLD POR IN 50%, W/LV OIL STN, PR SCAT MICRO PP
 POR IP, TR SUCRO S-CHLKY W/ TR DOS IP, GD FLSH TO
 GD SLO STRM CUT IN 40%, NO ODOR. TN STN ON DISH

3700-3730- DOLO WHT CRM- HD DNS F-CRYPTO-XLN SLI
 TR CRS SUCRO MTRX IP, ABDT CRM OFF WHT CHRT,
 HVY TR IMBD SFT WHT CHLK IP, LT YEL MIN FLO, NO VIS
 POR, NO VIS SHOW

3730-3750- DOLO- WHT OFF WHT CRM, HD DNS TO BRITT,
 V/ SUCRO TO CRS SUCRO MTRX, ABDT IMBD SMLL TO
 MD ANG DOLO GRNS THRU, ABDT WHT OFF WHT CHRT,
 HVY TR SFT WHT CHLK IP, TR FLDSPR, LT YEL MIN FLO
 THRU, PR TO TR FR INTER-XLN POR, NO VIS SHOW

R.T.D. @ 2:25 PM 8/25/2011
 CTCH 2 HRS
 TOFL/ WEATHERFORD / LIBERAL



12-17 U. BG

12-15 U. BG

SAMPLES WILL BE DELIVERED TO KGS

THANKS FOR CHOOSING EARTH TECH



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



Invoice

DATE	INVOICE #
8/31/2011	20266

BILL TO
Samuel Gary Jr & Associates, Inc. 1815 11th Street Great Bend, KS 67530

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-11	Rohleder Tru...	Ellis	Ace Well Service	Oil	Development	Cement Port Collar	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	6.00	180.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	35.00	70.00T
330	Swift Multi-Density Standard (MIDCON II)				110	Sacks	16.50	1,815.00T
276	Flocele				40	Lb(s)	2.00	80.00T
581D	Service Charge Cement				150	Sacks	2.00	300.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							3,945.00
	Sales Tax Ellis County						6.30%	123.80

DRLG COMP W/G L/OE GG

Account	8300-238
Well/Prospect	ROHLER TRU... 1-11
Deck	
AFE	
Approval	GH
Description	

Thank You For Your Business! **Total** \$4,068.80



Services, Inc.

CHARGE TO: Spencer
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 20266

SERVICE LOCATIONS: HAYS WELL/PROJECT NO.: 1-11 LEASE: Roller Tract CEM COUNTY/PARISH: ELLIS STATE: KS CITY: Roller DATE: 08-31-11 OWNER: Roller

TICKET TYPE: SERVICE SALES CONTRACTOR: Roller Tract CEM RIG NAME/NO.: ACE SHIPPED VIA: TRUCK DELIVERED TO: Mr. Catharine ORDER NO.: 08-31-11

WELL TYPE: Oil WELL CATEGORY: Development JOB PURPOSE: Cont. Production WELL PERMIT NO.: WELL LOCATION:

PAGE 1 OF 1

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #112	30	mi			6.00	180.00
576-D					Pump Service	1	ea			1850.00	1850.00
330					PAIR	2	kit			35.00	70.00
076					SMO CONT	1	sr			16.50	16.50
581					FLEXILE	1	sr			2.00	2.00
582					SEALING OIL CONT	1	sr			2.00	2.00
					DOVANCE	1	sr			250.00	250.00

EGAL 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.

IFT OPERATOR: Spencer

ART OF WORK OR DELIVERY OF GOODS

TIME SIGNED: 0745

DATE SIGNED: 08-31-11

APPROVAL: Spencer

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

QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
30	mi			6.00	180.00
1	ea			1850.00	1850.00
2	kit			35.00	70.00
1	sr			16.50	16.50
1	sr			2.00	2.00
1	sr			2.00	2.00
1	sr			250.00	250.00
TOTAL					4068.80

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 08-31-11 PAGE NO. 1

CUSTOMER SAM GARY WELL NO. 1-11 LEASE POWELL TRUST ETAL JOB TYPE CM7: Port Clean TICKET NO. 20266

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0745							ENLOCATION CM71 150 S/S SMD 1/4" HD J/TX 5/2 8 5/8 @ 265 PORT CLEAN @ 1307
	0760					1000	1000	PSZ TEST OPEN PC
	0805	3.0	30	-		0200		IND RATE
		4.0	0	-		0250		START CMT
		4.5	9	-		300		TO CIRC MWD
		4.5	150	-		500		CIRC CMT
		4.5	55	-		500		END CMT
	0900	3.0	6.5	-		500		DISP CLOSE PC TOTAL CMT 110 S/S 155 S/S TO 017!
	0925					1100	1100	PSZ TEST Down in 6 Joints
	0938	3.0	0	-		150		PERCUT T. 3/4 14925
			7	-				1st FULG
			13	-				2nd FULG
	0945		20	-				ALL CLEAN
	1015							JOB COMPLETE THANK YOU! DAVE JONES, ROB