



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: _____



1096765

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

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

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

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

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

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

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

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Schwartzkopf 'K' 1
Doc ID	1096765

Tops

Name	Top	Datum
T/Anhydrite	1585	+735
B/Anhydrite	1610	+710
Topeka	3377	-1057
Heebner	3699	-1379
Toronto	3720	-1400
Lansing	3741	-1421
B/KC	4052	-1732
Marmaton	4082	-1762
Pawnee	4159	-1839
Ft. Scott	4236	-1916
Mississippian	4331	-2011
RTD	4343	-2023



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 131098
Invoice Date: May 4, 2012
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361



Bill To:
Robert F. Hembree P O Box 542 Ness City, KS 67560

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hem	Swartzkopf K-1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	May 4, 2012	6/3/12

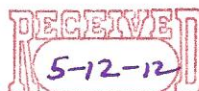
Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
162.90	SER	Handling	2.10	342.09
37.00	SER	Ton Miles	2.35	86.95
1.00	SER	Surface	1,125.00	1,125.00
5.00	SER	Heavy Vehicle Mileage	7.00	35.00
5.00	SER	Light Vehicle Mileage	4.00	20.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

Subtotal	4,401.29
Sales Tax	175.91
Total Invoice Amount	4,577.20
Payment/Credit Applied	
TOTAL	4,577.20

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **880.25**

ONLY IF PAID ON OR BEFORE
May 29, 2012



Handwritten: <880.25>
3696.95



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 131179
Invoice Date: May 15, 2012
Page: 1



Bill To:
Robert F. Hembree P O Box 542 Ness City, KS 67560

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hem	Schwartzkopf #1 "K"	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	May 15, 2012	6/14/12

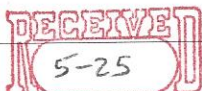
Quantity	Item	Description	Unit Price	Amount
144.00	MAT	Class A Common	16.25	2,340.00
96.00	MAT	Pozmix	8.50	816.00
8.00	MAT	Gel	21.25	170.00
60.00	MAT	FloSeal	2.70	162.00
257.76	SER	Handling	2.10	541.30
5.00	SER	Ton Miles	25.29	126.43
1.00	SER	Rotary Plug	1,250.00	1,250.00
5.00	SER	Heavy Vehicle Mileage	7.00	35.00
5.00	SER	Light Vehicle Mileage	4.00	20.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

Subtotal	5,460.73
Sales Tax	344.03
Total Invoice Amount	5,804.76
Payment/Credit Applied	
TOTAL	5,804.76

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1092.14

ONLY IF PAID ON OR BEFORE
Jun 9, 2012



- 1092.14
4,712.62

ALLIED OIL & GAS SERVICES, LLC 053535

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Grant Ben S, KS

DATE <u>5-15-12</u>	SEC. <u>35</u>	TWP. <u>18</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00am</u>	JOB FINISH <u>4:00pm</u>
Schwartzkopf LEASE			WELL # <u>1</u>	LOCATION <u>Ness City, KS Levee</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>			<u>3/4 south, east into</u>				

CONTRACTOR Pickrail #10

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4343

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Robert Hembre

CEMENT AMOUNT ORDERED 240 sks 60/40

40% gel 1/4 glassed

COMMON	<u>144</u>	@	<u>16.25</u>	<u>2,340.00</u>
POZMIX	<u>96</u>	@	<u>8.50</u>	<u>816.00</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
<u>Flt Seal</u>	<u>60</u>	@	<u>2.70</u>	<u>162.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>257.76</u>	@	<u>2.10</u>	<u>541.29</u>
MILEAGE	<u>10.76% 5</u>	@	<u>2.35</u>	<u>126.43</u>
TOTAL				<u>4,155.72</u>

EQUIPMENT

PUMP TRUCK # 366 CEMENTER Greg R HELPER Kevin E

BULK TRUCK # 482-112 DRIVER Joel M

BULK TRUCK # _____ DRIVER _____

REMARKS:

<u>1st plug mix 50 sks @ 1590 ft</u>	
<u>2nd plug mix 50 sks @ 810 ft</u>	
<u>3rd plug mix 50 sks @ 450 ft</u>	
<u>4th plug mix 40 sks @ 240 ft</u>	
<u>5th plug mix 30 sks @ 60 ft</u>	
<u>Mix 30 sks in Rathole</u>	

CHARGE TO: Robert Hembre

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>1590</u>		
PUMP TRUCK CHARGE		<u>1250.00</u>	
EXTRA FOOTAGE	@		
MILEAGE	<u>Hum 5</u>	@	<u>7.00 35.00</u>
MANIFOLD	@		
	<u>hum 5</u>	@	<u>4.00 20.00</u>
		@	
TOTAL <u>1305.00</u>			

PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
TOTAL _____			

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Kern

SIGNATURE Mike Kern

SALES TAX (If Any) _____

TOTAL CHARGES 5,460.72

DISCOUNT 20% 1,092.19

IF PAID IN 30 DAYS

4,368.58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Robert F Hembree

35-18s 24 Ness KS

#1 Schwartzkoph K

Job Ticket: 47029

DST#: 1

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 01:55:57

GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:08:57

Time Test Ended: 08:59:57

Test Type: Conventional Bottom Hole (Initial)

Tester: Paul Simpson

Unit No: 64

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

Reference Elevations: 2320.00 ft (KB)

Total Depth: 4261.00 ft (KB) (TVD)

2313.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8788

Press @ Run Depth: 32.47 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.13

End Date: 2012.05.13

Last Calib.: 1899.12.30

Start Time: 01:56:02

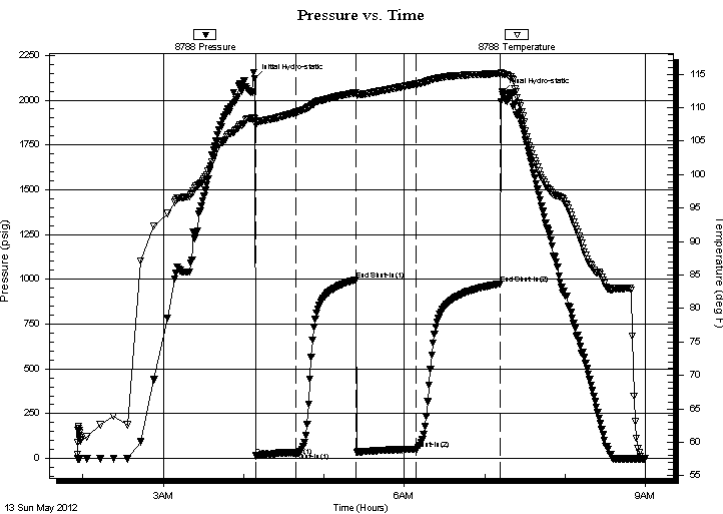
End Time: 08:59:56

Time On Btm: 2012.05.13 @ 04:08:27

Time Off Btm: 2012.05.13 @ 07:12:57

TEST COMMENT: IF- weak blow built to 2"

FF- weak blow built to 5" no blow on either shutin



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.46	108.37	Initial Hydro-static
1	14.92	107.40	Open To Flow (1)
31	32.47	109.29	Shut-In(1)
76	997.59	112.24	End Shut-In(1)
121	52.96	113.53	Shut-In(2)
183	975.43	115.09	End Shut-In(2)
185	2044.76	115.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	watery mud 30% w 70% mud	0.28
60.00	oil specked mud with clean oil on top	0.84
0.00	Rw .135 @ 65 = 60000	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

#1 Schwartzkoph K

Job Ticket: 47029

DST#: 1

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 01:55:57

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

60000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	watery mud 30% w 70% mud	0.281
60.00	oil specked mud w ith clean oil on top	0.842
0.00	Rw .135 @ 65 = 60000	0.000

Total Length: 80.00 ft Total Volume: 1.123 bbl

Num Fluid Samples: 0

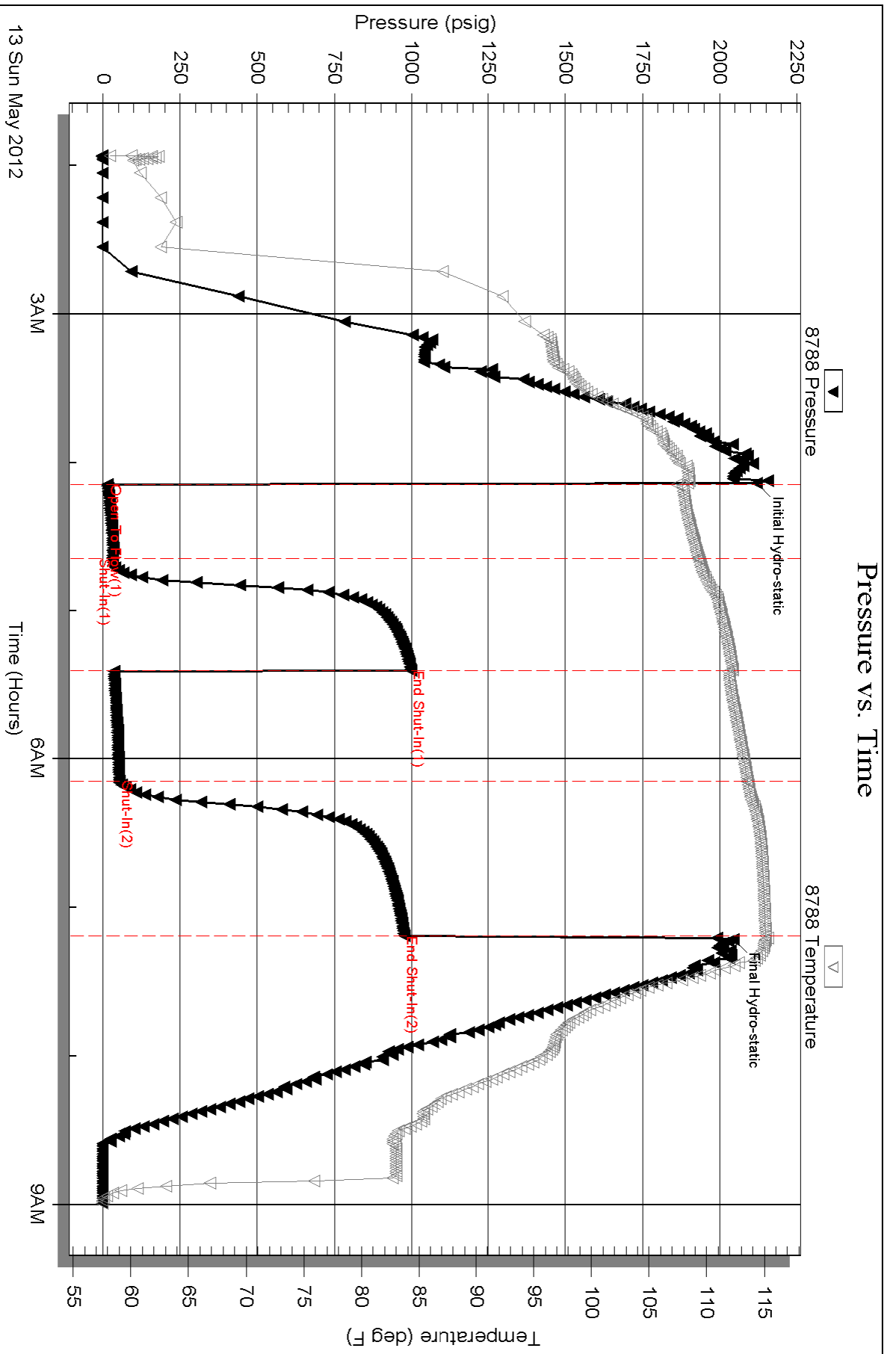
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: clean w ater in hyd tool





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Robert F Hembree

35-18s 24 Ness KS

Box 542
Ness City KS

#1 Schwartzkoph K

ATTN: Fred Hembree

Job Ticket: 47030

DST#: 2

Test Start: 2012.05.13 @ 23:55:58

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:01:53

Time Test Ended: 05:54:52

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 64

Interval: 4302.00 ft (KB) To 4338.00 ft (KB) (TVD)

Reference Elevations: 2320.00 ft (KB)

Total Depth: 4338.00 ft (KB) (TVD)

2313.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8788 Inside

Press @ Run Depth: 15.13 psig @ 4303.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.13

End Date:

2012.05.14

Last Calib.: 2012.01.04

Start Time: 23:55:58

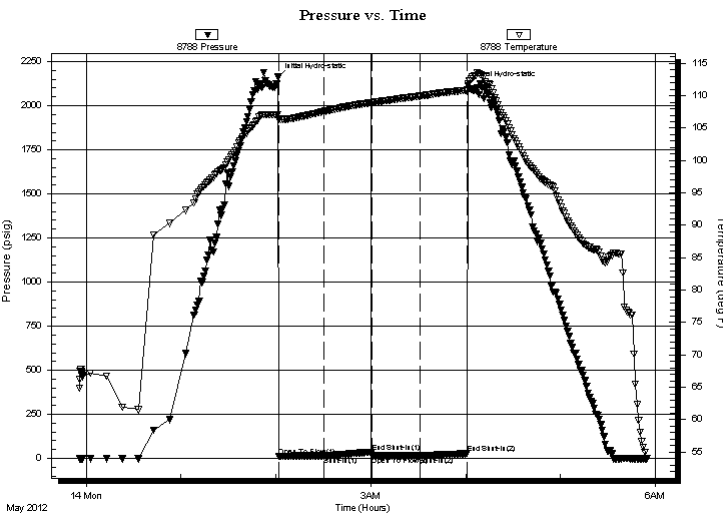
End Time:

05:54:52

Time On Btm: 2012.05.14 @ 02:01:23

Time Off Btm: 2012.05.14 @ 04:01:23

TEST COMMENT: IF weak blow built to 3/4"
FF- no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.01	107.13	Initial Hydro-static
1	13.04	106.26	Open To Flow (1)
29	15.10	107.55	Shut-In(1)
59	36.47	108.94	End Shut-In(1)
60	14.89	108.94	Open To Flow (2)
90	15.13	109.92	Shut-In(2)
120	27.72	110.85	End Shut-In(2)
120	2115.73	111.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	oil specked mud	0.08
4.00	clean oil	0.06

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

Box 542
Ness City KS

#1 Schwartzkoph K

Job Ticket: 47030

DST#: 2

ATTN: Fred Hembree

Test Start: 2012.05.13 @ 23:55:58

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	oil specked mud	0.084
4.00	clean oil	0.056

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

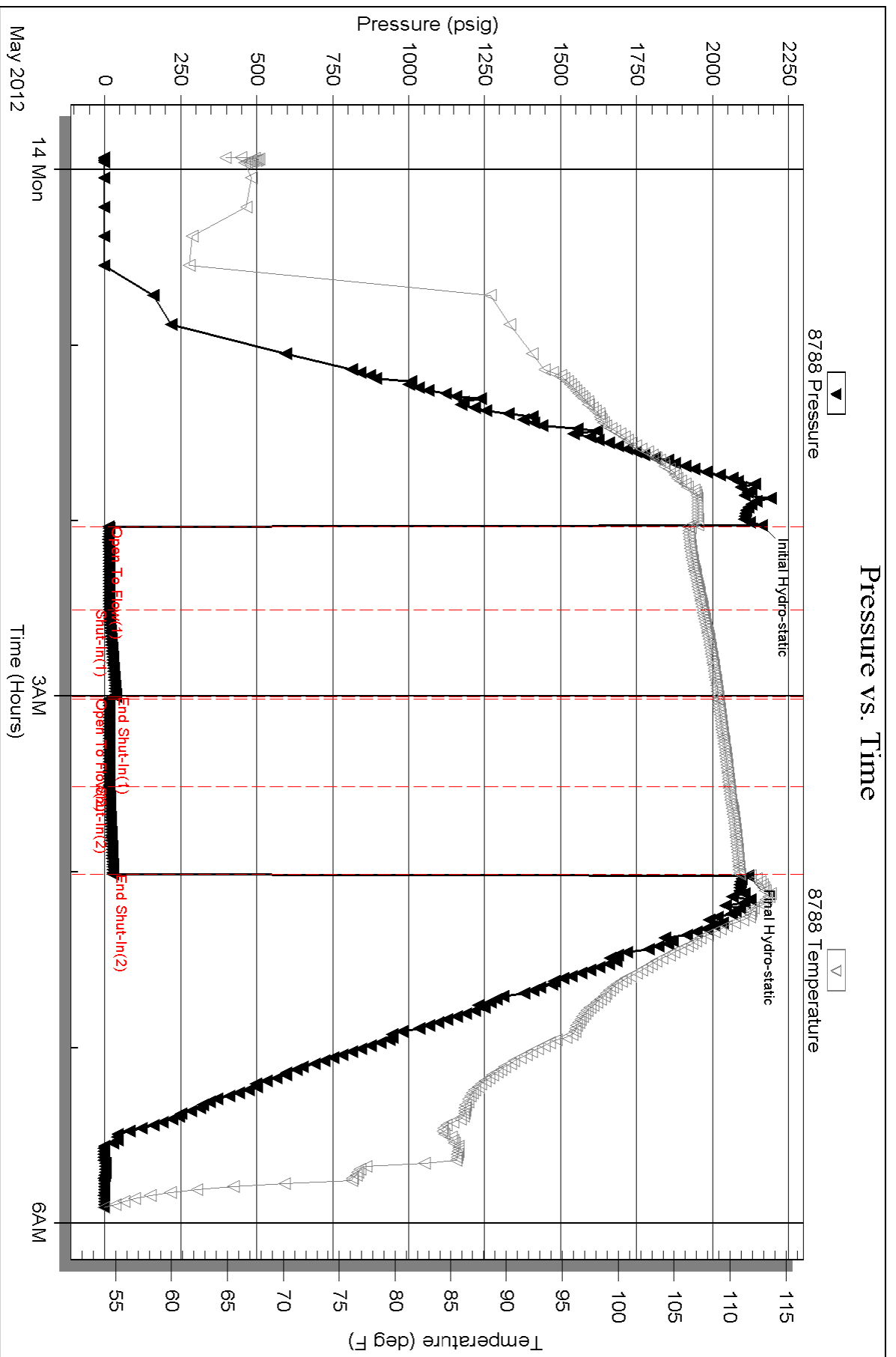
Serial #: 8788

Inside

Robert F Hermbree

#1 Schw artzkoph K

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Robert F Hembree

35-18s 24 Ness KS

Box 542
Ness City KS

#1 Schwartzkoph K

ATTN: Fred Hembree

Job Ticket: 47031

DST#: 3

Test Start: 2012.05.14 @ 14:39:54

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:42:24

Time Test Ended: 21:01:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Paul Simpson

Unit No: 64

Interval: 4300.00 ft (KB) To 4343.00 ft (KB) (TVD)

Reference Elevations: 2320.00 ft (KB)

Total Depth: 4343.00 ft (KB) (TVD)

2313.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8788 Inside

Press @ Run Depth: 16.51 psig @ 4304.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.14

End Date:

2012.05.14

Last Calib.: 2012.05.14

Start Time: 14:39:59

End Time:

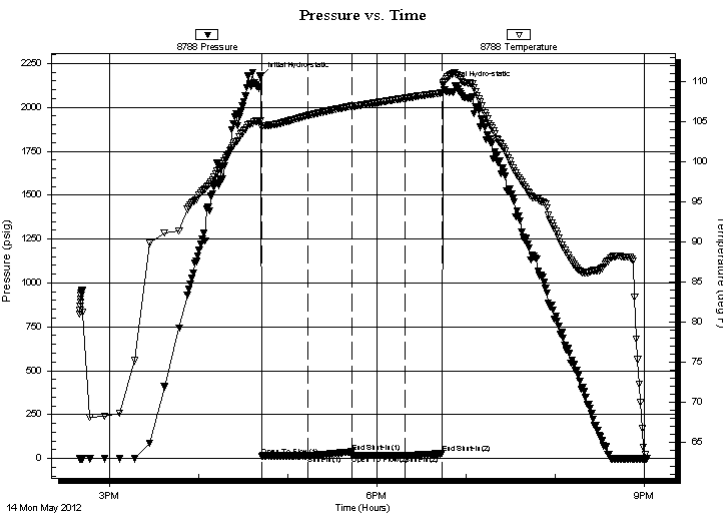
21:01:53

Time On Btm: 2012.05.14 @ 16:41:54

Time Off Btm: 2012.05.14 @ 18:44:24

TEST COMMENT: IF- weak blow built to 3/4"

FF- weak 1/4" blow died in 20 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.15	105.10	Initial Hydro-static
1	14.15	104.25	Open To Flow (1)
32	16.07	105.77	Shut-In(1)
61	37.79	106.94	End Shut-In(1)
62	16.95	106.94	Open To Flow (2)
97	16.51	107.95	Shut-In(2)
122	28.30	108.62	End Shut-In(2)
123	2125.57	109.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
11.00	oil specked mud	0.15
1.00	clean oil	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Robert F Hembree

35-18s 24 Ness KS

Box 542
Ness City KS

#1 Schwartzkoph K

Job Ticket: 47031

DST#: 3

ATTN: Fred Hembree

Test Start: 2012.05.14 @ 14:39:54

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
11.00	oil specked mud	0.154
1.00	clean oil	0.014

Total Length: 12.00 ft Total Volume: 0.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

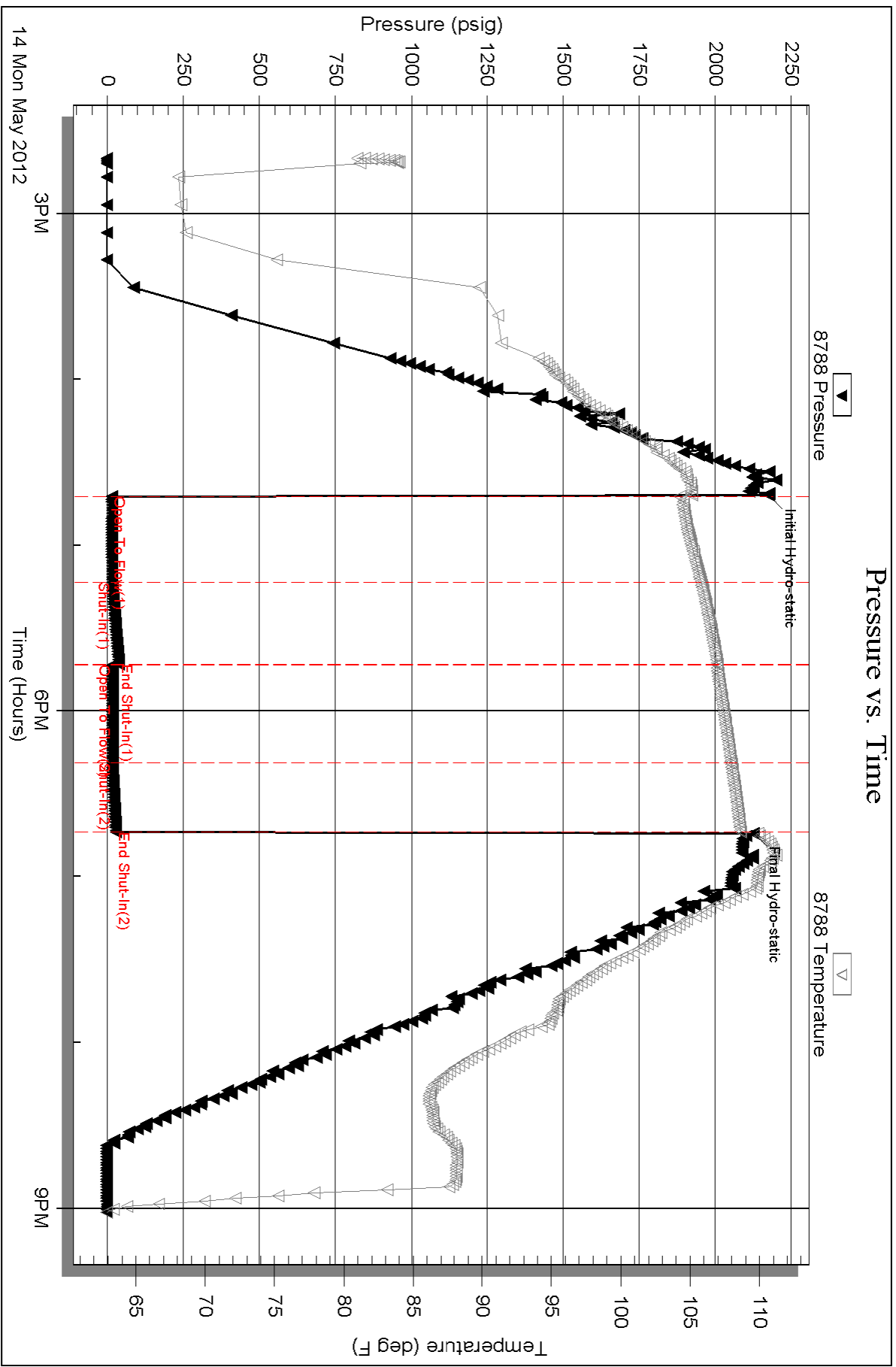
Serial #: 8788

Inside

Robert F Hembree

#1 Schw artzkoph K

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 47031

Printed: 2012.05.15 @ 08:03:37

