

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

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

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs 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 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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	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> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE
 P.O.Box884
 Chanute,KS 66720
 620/431-9210,1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 814350

Invoice Date: 10/16/18 Terms: Net 30 Page 1

VAL ENERGY
 125 N. Market, Ste. 1110
 WICHITA KS 67202
 USA
 316-263-6688

BELLAMY FARMS 1-9

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	25.000	1,125.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	25.000	160.88
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	25.000	495.00
CC5829	Lite-Weight Blend V (60:40:4)	240.000	16.0000	25.000	2,880.00
CC6075	Celloflake	60.000	3.0000	25.000	135.00
CP8228	8 5/8" Wooden Plug	1.000	165.0000	25.000	123.75
Subtotal					6,559.50
Discounted Amount					1,639.88
SubTotal After Discount					4,919.62

Amount Due 6,894.30 If paid after 11/15/18

Tax: 251.10
 Total: 5,170.73



11810

TICKET NUMBER 55881

LOCATION Oakley, KS

FOREMAN Walt Dinkel

Invoice #814350

PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-8-18	8576	Bellamy Farms 1-9	9	8 ^s	35 ^w	Thomas
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Val Energy			731	Cory Davis		
Mailing Address			579	Neil White		
125 N. Market, Ste. 1110			697	Walt Dinkel		
CITY	STATE	ZIP CODE				
Wichita	KS	67202				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety Meeting, rig up on WW #10, Plug as ordered

50 SKS @ 2900'
 100 SKS @ 1920' 240 SKS @ 694 per 496 gal 1/4 #6 Seal
 50 SKS @ 350'
 10 SKS @ 40' w/ Plug
 30 SKS in R.A.

Thank You
Walt & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
C00450	1	PUMP CHARGE	1,500.00	1,500.00
C00002	30	MILEAGE	7.15	214.50
C00711	10.32	Ton Mileage Delivery	1.75	660.00
CC5879	240 SKS	Lite Weight Blend V	16.00	3840.00
CC6075	60 #	Flex Seal	3.00	180.00
CP8228	1	8 5/8 Wooden Plug	165.00	165.00
				6,559.50
		Loss 25%		1,639.88
				4,919.62
			SALES TAX	251.17
			ESTIMATED TOTAL	5,170.73

Ravin 3737 AUTHORIZATION [Signature] TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



REMIT TO
 QES Pressure Pumping LLC
 Dept:970
 P.O.Box 4346
 Houston, TX 77210-4346

MAIN OFFICE

P.O.Box884
 Chanute, KS 66720
 620/431-9210, 1-800/467-8676
 Fax 620/431-0012

Invoice Invoice# 814260

Invoice Date: 09/30/18 Terms: Net 30 Page 1

VAL ENERGY

125 N. Market, Ste. 1110
 WICHITA KS 67202
 USA
 316-263-6688

BELLAMY FARMS 1-9

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	25.000	862.50
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	25.000	160.88
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	25.000	495.00
CC5871	Surface Blend II, 2% Gel/3% CaCl	200.000	24.0000	25.000	3,600.00

Subtotal 6,824.50
 Discounted Amount 1,706.13
 SubTotal After Discount 5,118.37

Amount Due 7,208.50 If paid after 10/30/18

Tax: 288.00
 Total: 5,406.38



PRESSURE PUMPING LLC
 PO Box 884, Chanute, KS 66720
 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
 CEMENT

TICKET NUMBER 55874
 LOCATION Oakley KS
 FOREMAN Walt Dinkel

INVOICE #814260

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-28-18	85716	Bellamy Farms 1-9	9	85	35W	Thomas

CUSTOMER Val Energy
 MAILING ADDRESS 125 N. Market, St. 1110
 CITY Wichita STATE KS ZIP CODE 67202

TRUCK #	DRIVER	TRUCK #	DRIVER
731	Cory Davis		
693	Steve Chinesmith		
697	Walt Dinkel		

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 302 CASING SIZE & WEIGHT 8 5/8 - 23#
 CASING DEPTH 302 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15-20'
 DISPLACEMENT 18 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Safety meeting, Rig up on well #10, Circ casing on bottom
Mix 200 SKs com, 3% cel - 2% cel, Displace 18 BBC H₂O, Shut in

Cement Dial Circ
(in Collar)

Thank You
Walt + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
000471	1	PUMP CHARGE	1,150.00	1,150.00
00002	30	MILEAGE	7.15	214.50
000711	9.4	Ton Mileage Delivery	70.21	660.00
005371	200 SKs	Surface Blend II	24.00	4,800.00
				6,824.50
		Less 25% Disc		-1,706.13
				5,118.37
		SALES TAX		288.00
		ESTIMATED TOTAL		5,406.38

Ravin 3737

AUTHORIZATION Rich [Signature]

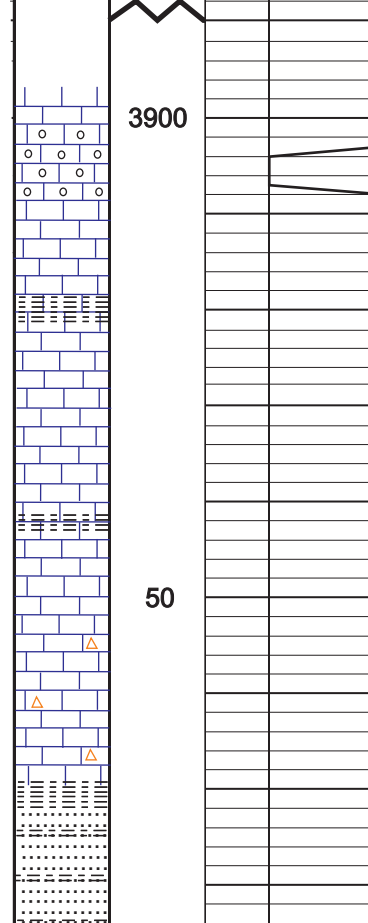
TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **VAL ENERGY, INC.** ELEVATIONS
 LEASE **Baldwin Farms #19** KG 3325'
 FIELD **Wildcat** DF _____
 LOCATION **489 TMS, 466' FEL** GL 3320'
 SEC **9 T18S 88S R0E 35W**
 COUNTY **Thomas** STATE **Kansas** Measurements Are All From **KB**
 CONTRACTOR **W.W. Drilling, Rig #10**
 SPUD **9-28-18** COMP _____
 RTD **3000'** LTD _____ CASING _____
 MUD UP _____ TYPE MUD **Chemical** CONDUCTIVITY **N/A**
 SAMPLES SAVED FROM **3900'** to **RTD** SURFACE **8-5/8" @ 302'**
 DRILLING TIME KEPT FROM **3900'** to **RTD** PRODUCTION **5-1/2" @ 1'**
 SAMPLES EXAMINED FROM **3900'** to **RTD** ELECTRICAL SURVEYS **CND/D/SP/P.E.**
 GEOLOGICAL SUPERVISION FROM **4100'** to **RTD** GEOLOGIST ON WELL **Tim Priest** Micro _____

FORMATION TOPS ELECTRIC LOG SAMPLE
 Anhydrite
 Heebner Shale
 Lansing
 Stark
 Marmaton
 Cherokee Shale
 Fort Scott
 Mississippian



REMARKS

Respectfully Submitted,
 Tim Priest
 Petroleum Geologist

API #15-193-21031-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110

Bellamy Farms 1-9

Wichita KS

Job Ticket: 64395

DST#: 1

67202

ATTN: Tim Priest

Test Start: 2018.10.03 @ 10:46:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

52000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	mcsw 30%m 70 %sw oil spots	1.516
1174.00	sw 100%sw	16.468

Total Length: 1360.00 ft Total Volume: 17.984 bbl

Num Fluid Samples: 0

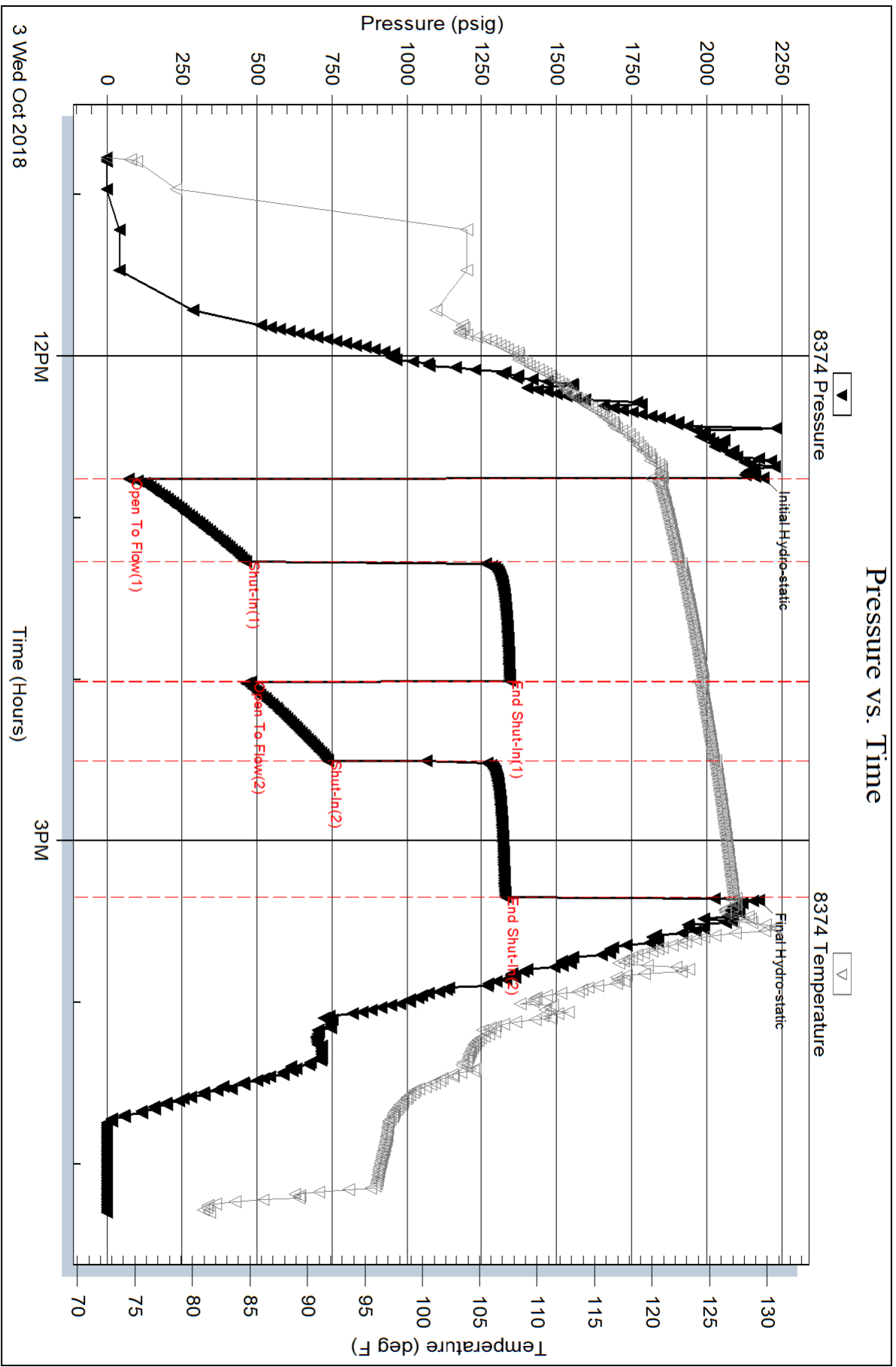
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .111 @ 93.3= 52,000 ppm

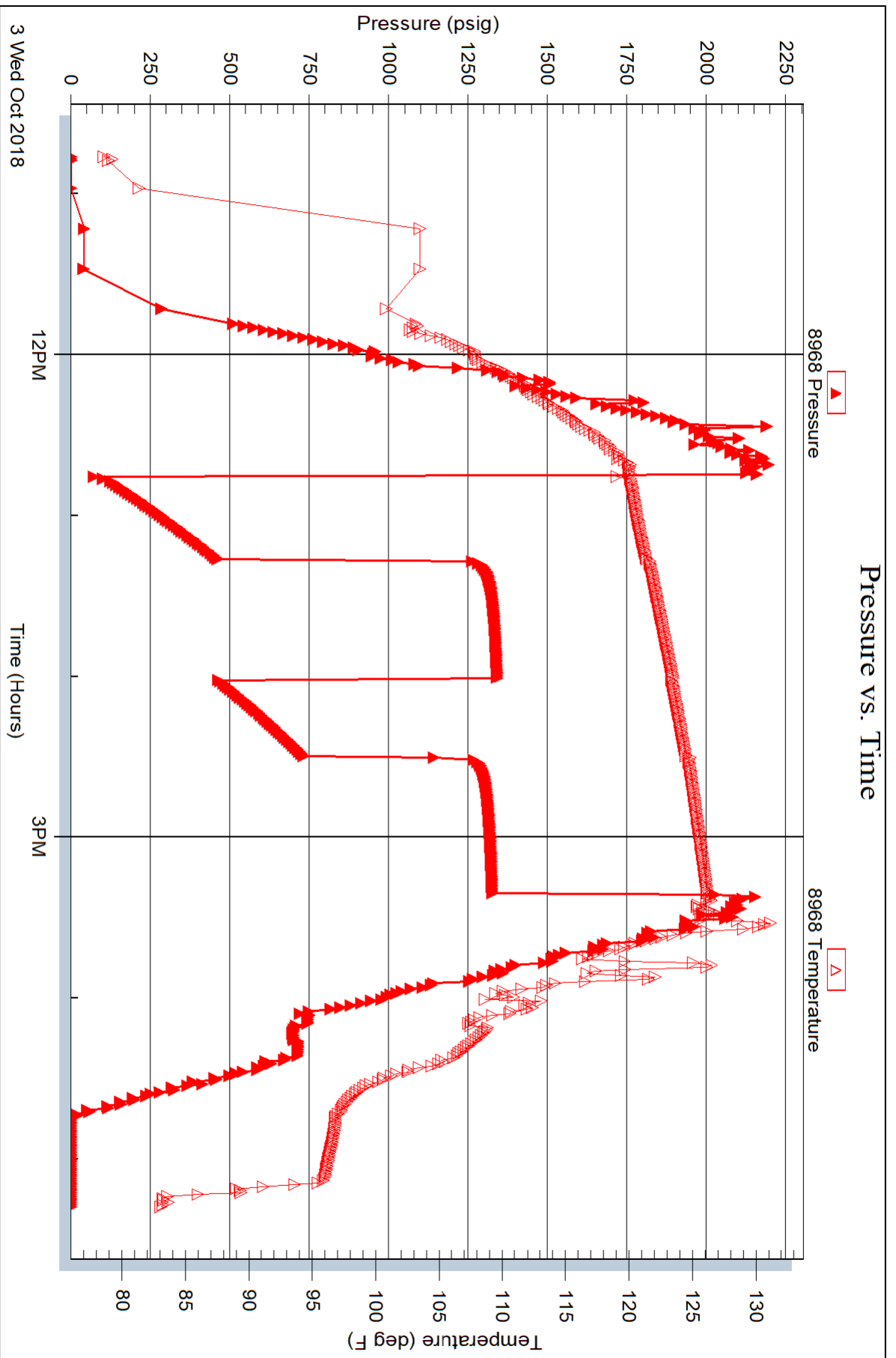


Serial #: 8968

Outside Val Energy Inc.

Bellamy Farms 1-9

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64395

Printed: 2018.10.03 @ 19:09:18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64396 **DST#: 2**
 Test Start: 2018.10.03 @ 00:18:15

GENERAL INFORMATION:

Formation: **J-K**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened:
 Tester: Mike Roberts
 Time Test Ended: 03:41:45
 Unit No: 81
 Interval: **4366.00 ft (KB) To 4420.00 ft (KB) (TVD)**
 Reference Elevations: 3325.00 ft (KB)
 Total Depth: 4420.00 ft (KB) (TVD) 3320.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

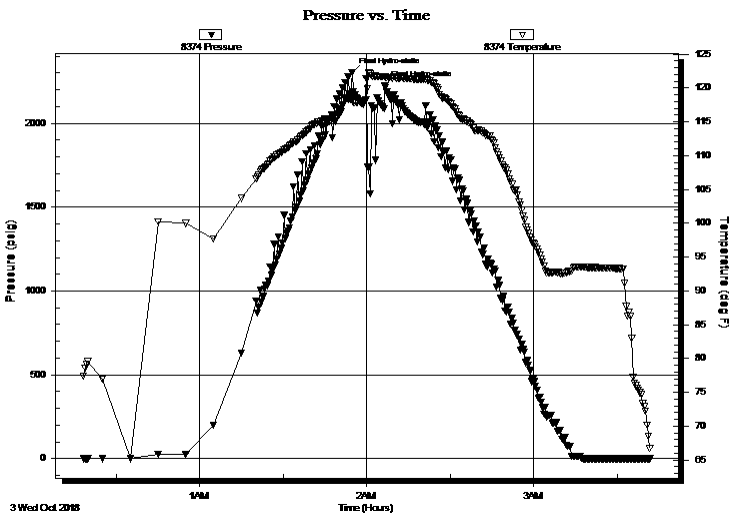
Serial #: 8374

Inside

Press@RunDepth: psig @ 8651.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.03 End Date: 2018.10.03 Last Calib.: 2018.10.04
 Start Time: 00:18:15 End Time: 03:41:45 Time On Btm:
 Time Off Btm: 2018.10.03 @ 01:54:45

TEST COMMENT: IF:PACKER FAILURE
 IS:
 FF:
 FS:

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2303.10	118.41	Final Hydro-static
12	2221.76	121.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
554.00	mud 100 % m	6.68

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110

Bellamy Farms 1-9

Wichita KS

Job Ticket: 64396

DST#: 2

67202

ATTN: Tim Priest

Test Start: 2018.10.03 @ 00:18:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
554.00	mud 100 % m	6.678

Total Length: 554.00 ft Total Volume: 6.678 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

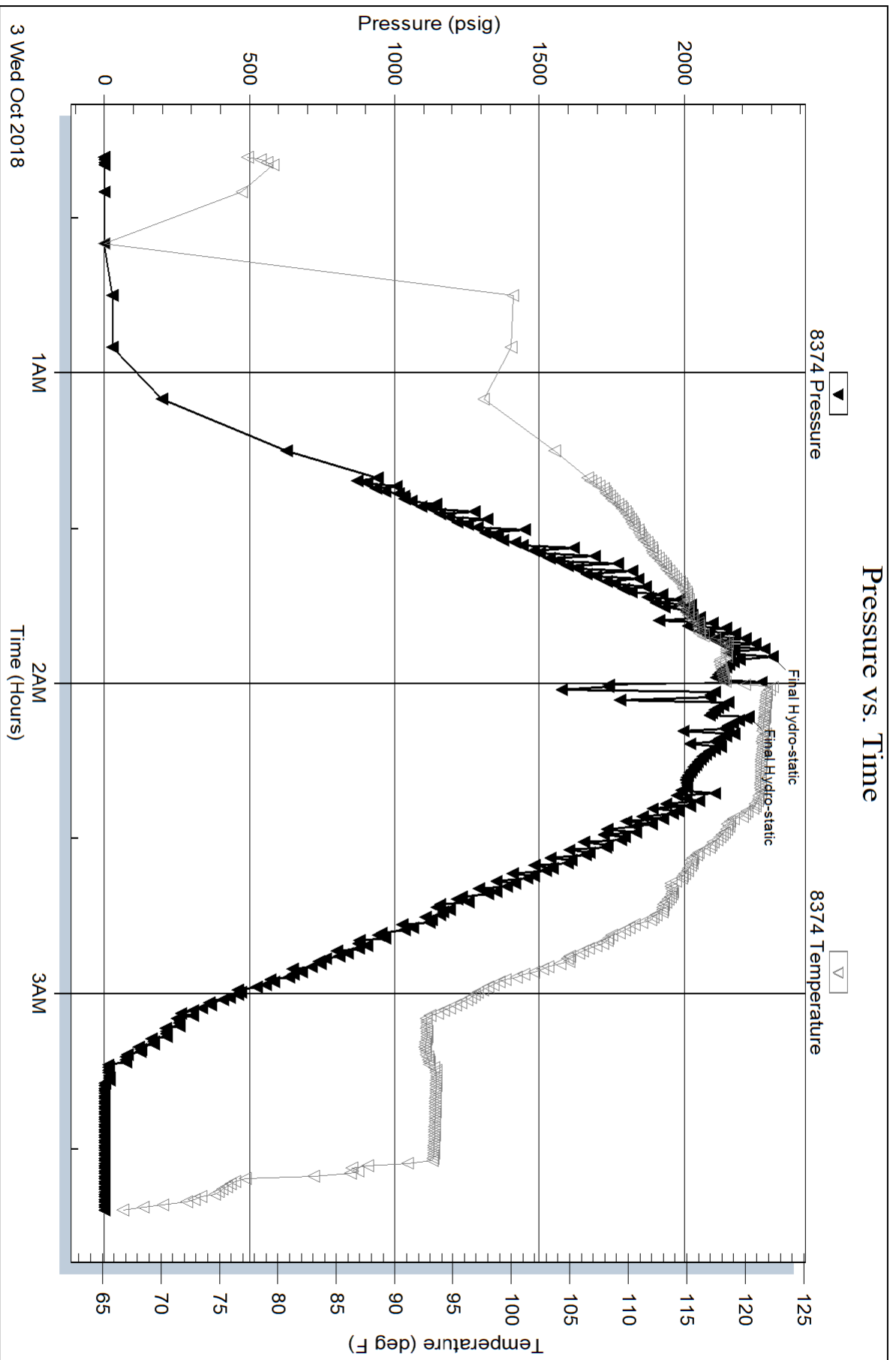
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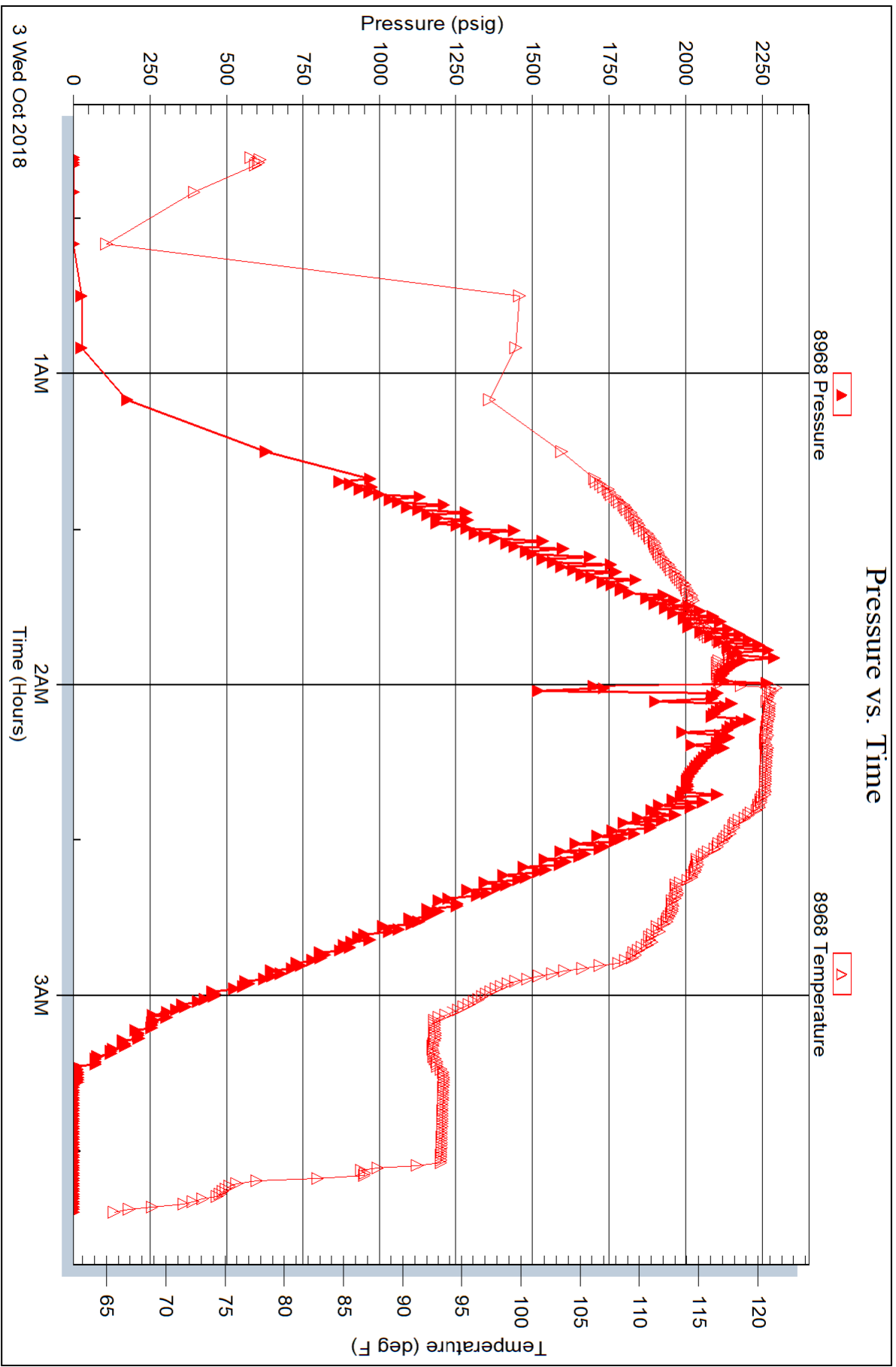
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64397 **DST#: 3**
 Test Start: 2018.10.04 @ 04:14:15

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:34:45
 Time Test Ended: 09:03:15
 Interval: **4377.00 ft (KB) To 4420.00 ft (KB) (TVD)**
 Total Depth: 4420.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3325.00 ft (KB)
 3320.00 ft (CF)
 KB to GR/CF: 5.00 ft

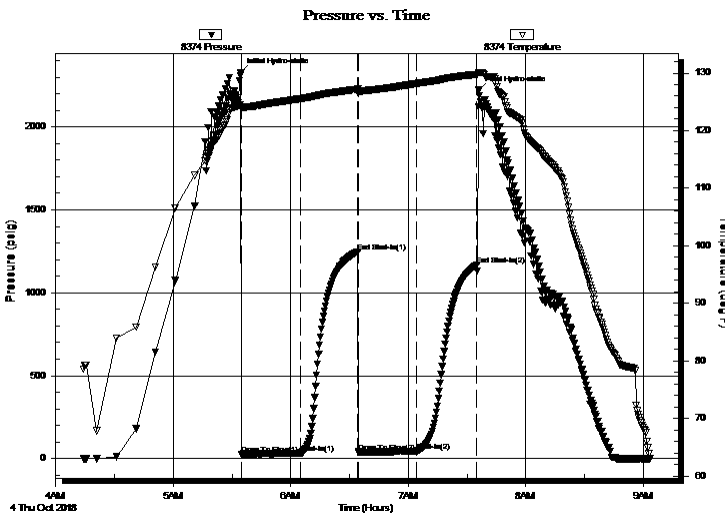
Serial #: 8374

Inside

Press@RunDepth: 45.13 psig @ 4415.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.04 End Date: 2018.10.04 Last Calib.: 2018.10.04
 Start Time: 04:14:15 End Time: 09:03:15 Time On Btm: 2018.10.04 @ 05:34:30
 Time Off Btm: 2018.10.04 @ 07:36:00

TEST COMMENT: IF: Built to 2" blow
 IS: No return blow
 FF: Built to 1/2" blow and died
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2328.44	124.60	Initial Hydro-static
1	27.70	123.85	Open To Flow (1)
31	34.50	125.53	Shut-In(1)
60	1247.76	127.19	End Shut-In(1)
60	41.84	126.45	Open To Flow (2)
90	45.13	128.16	Shut-In(2)
121	1169.42	129.76	End Shut-In(2)
122	2221.37	130.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocm 2 %o 98%m	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110
Wichita KS
67202
ATTN: Tim Priest

Bellamy Farms 1-9

Job Ticket: 64397

DST#: 3

Test Start: 2018.10.04 @ 04:14:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	ocm 2 %o 98%m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

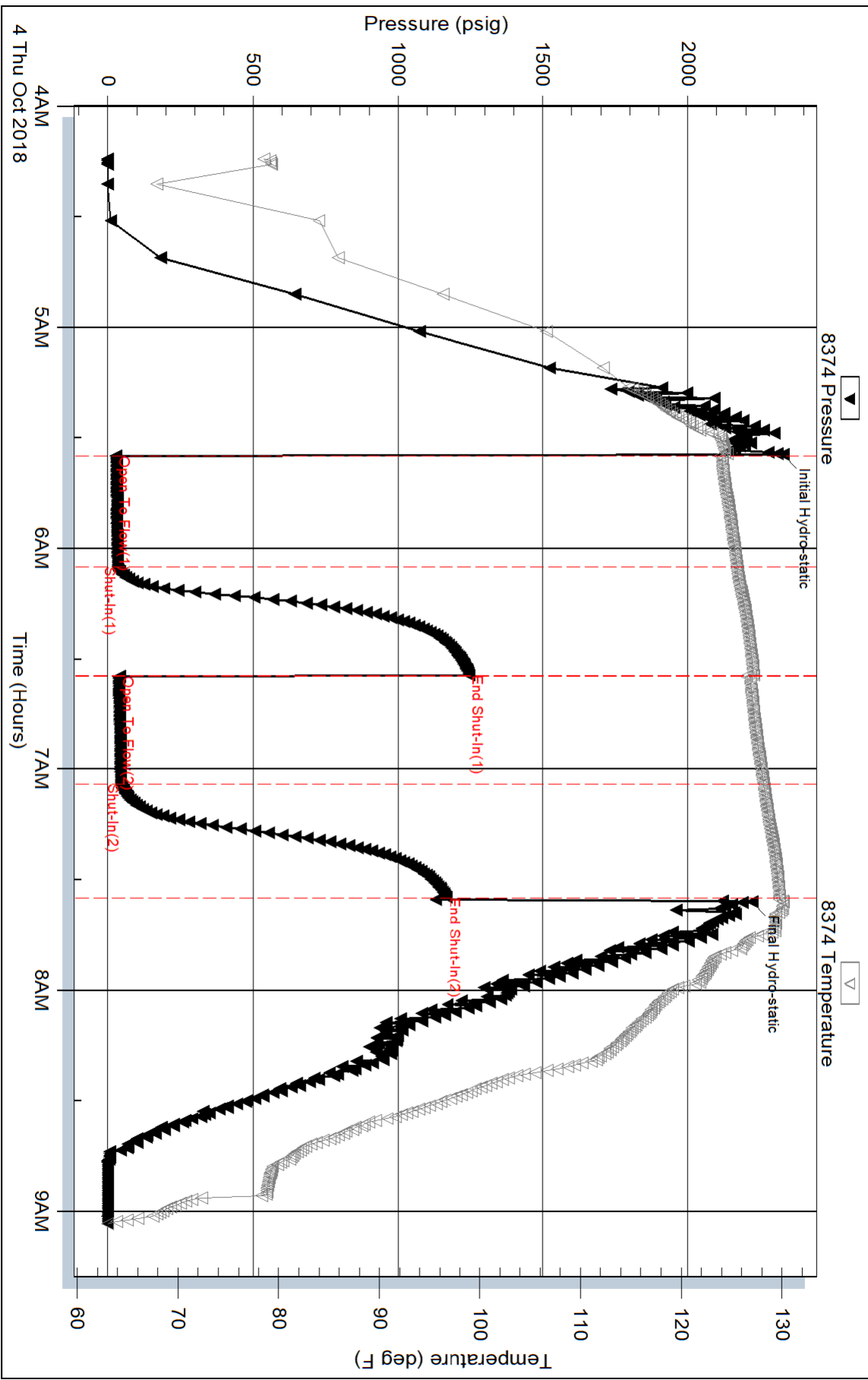
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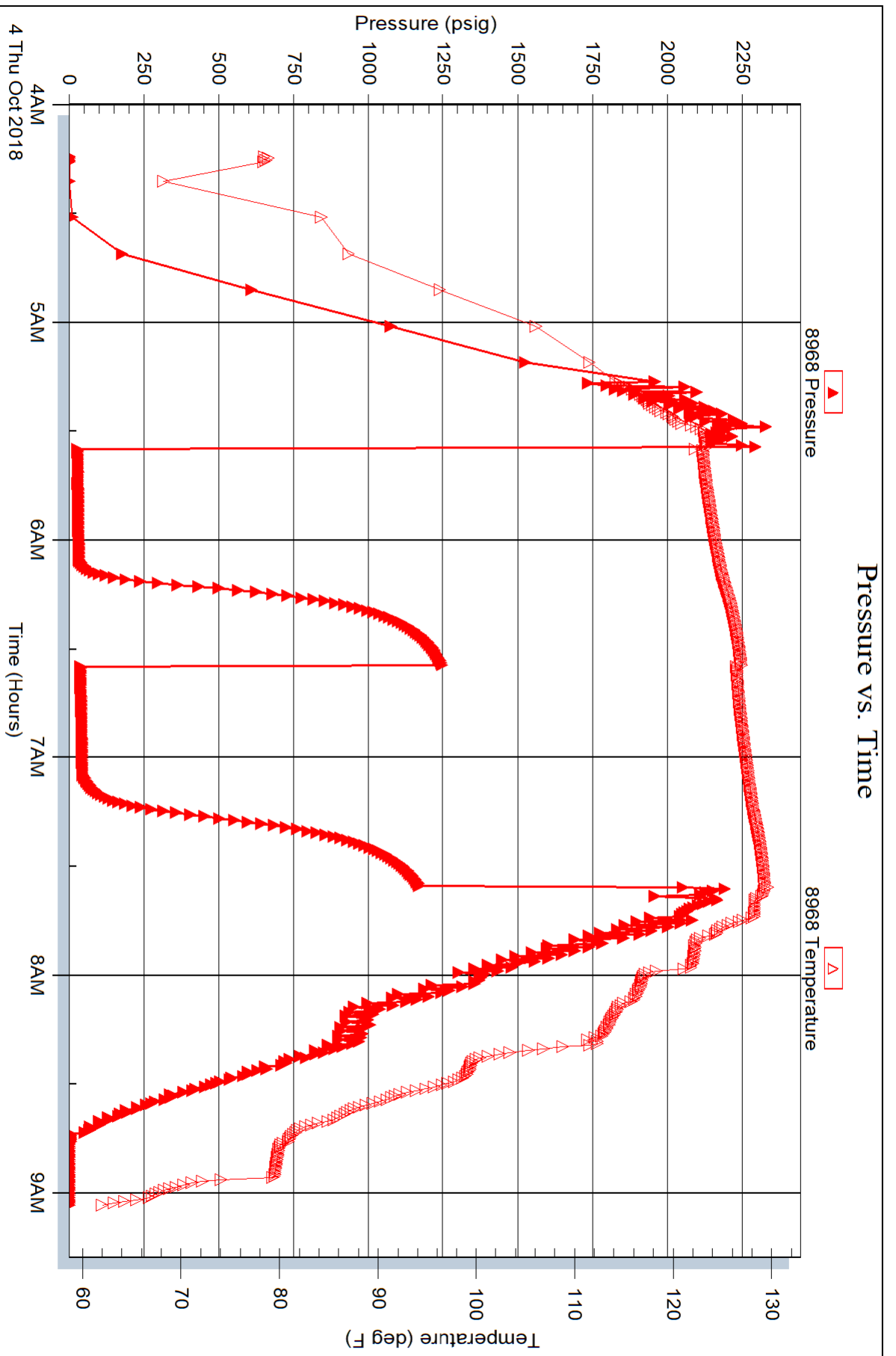
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64398 **DST#: 4**
 Test Start: 2018.10.04 @ 20:33:15

GENERAL INFORMATION:

Formation: **Marmaton A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:10:15
 Time Test Ended: 01:32:45
 Interval: **4437.00 ft (KB) To 4508.00 ft (KB) (TVD)**
 Total Depth: 4508.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3325.00 ft (KB)
 3320.00 ft (CF)
 KB to GR/CF: 5.00 ft

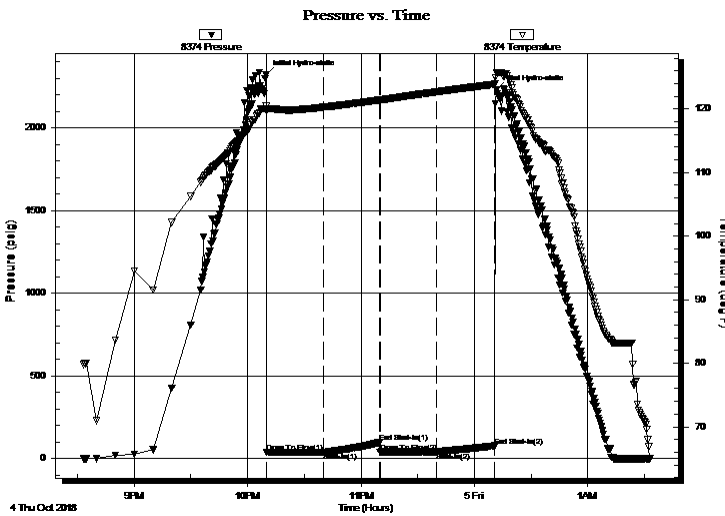
Serial #: 8374

Inside

Press@RunDepth: 41.74 psig @ 4475.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.04 End Date: 2018.10.05 Last Calib.: 2018.10.05
 Start Time: 20:33:15 End Time: 01:32:45 Time On Btm: 2018.10.04 @ 22:10:00
 Time Off Btm: 2018.10.05 @ 00:11:45

TEST COMMENT: IF: Built to 1/2" blow
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2323.35	120.46	Initial Hydro-static
1	38.58	119.71	Open To Flow (1)
30	40.29	120.29	Shut-In(1)
60	97.14	121.41	End Shut-In(1)
60	40.97	121.40	Open To Flow (2)
90	41.74	122.69	Shut-In(2)
121	77.52	123.90	End Shut-In(2)
122	2229.29	125.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110
Wichita KS
67202
ATTN: Tim Priest

Bellamy Farms 1-9

Job Ticket: 64398

DST#: 4

Test Start: 2018.10.04 @ 20:33:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

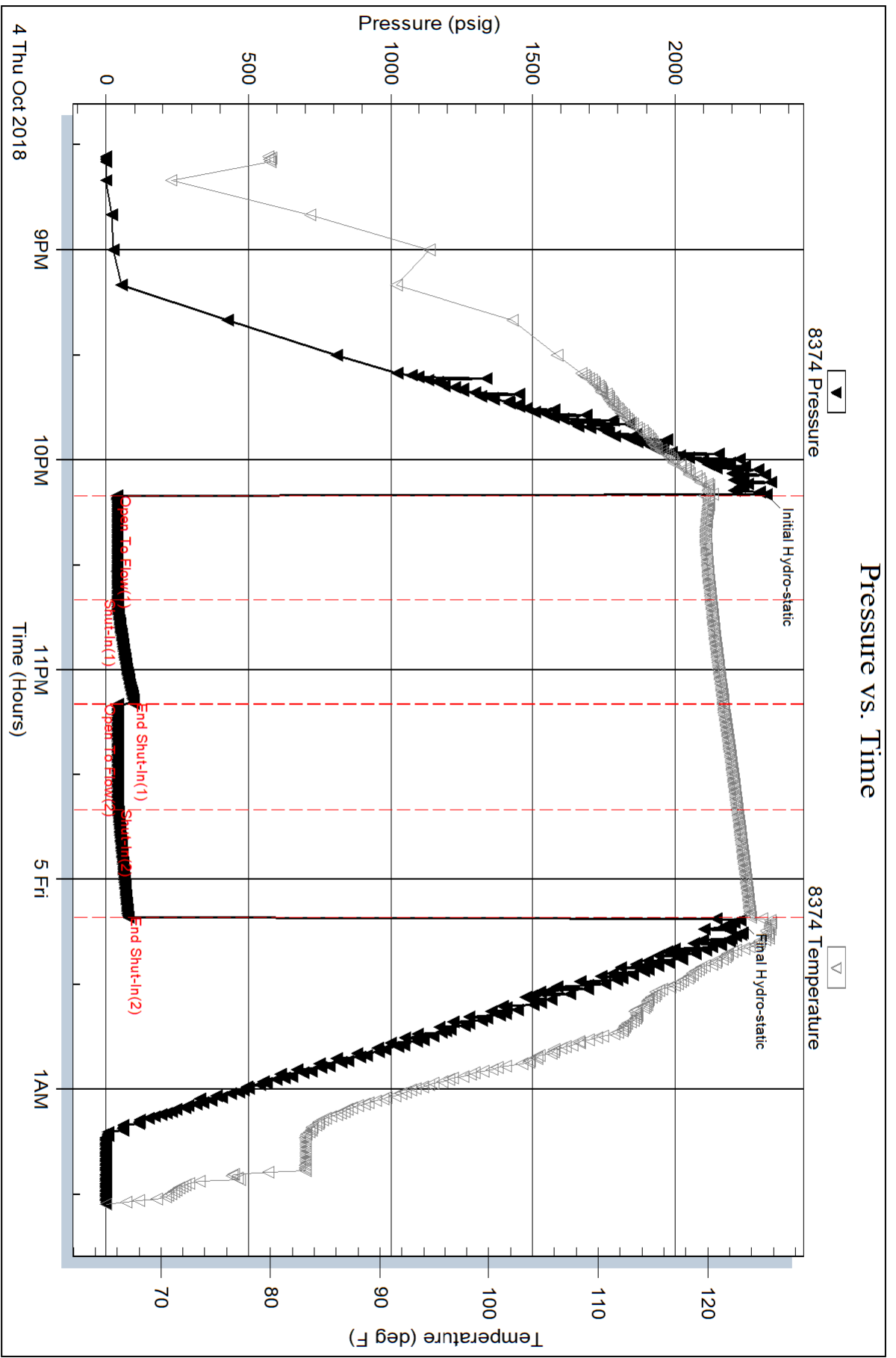
Num Gas Bombs: 0

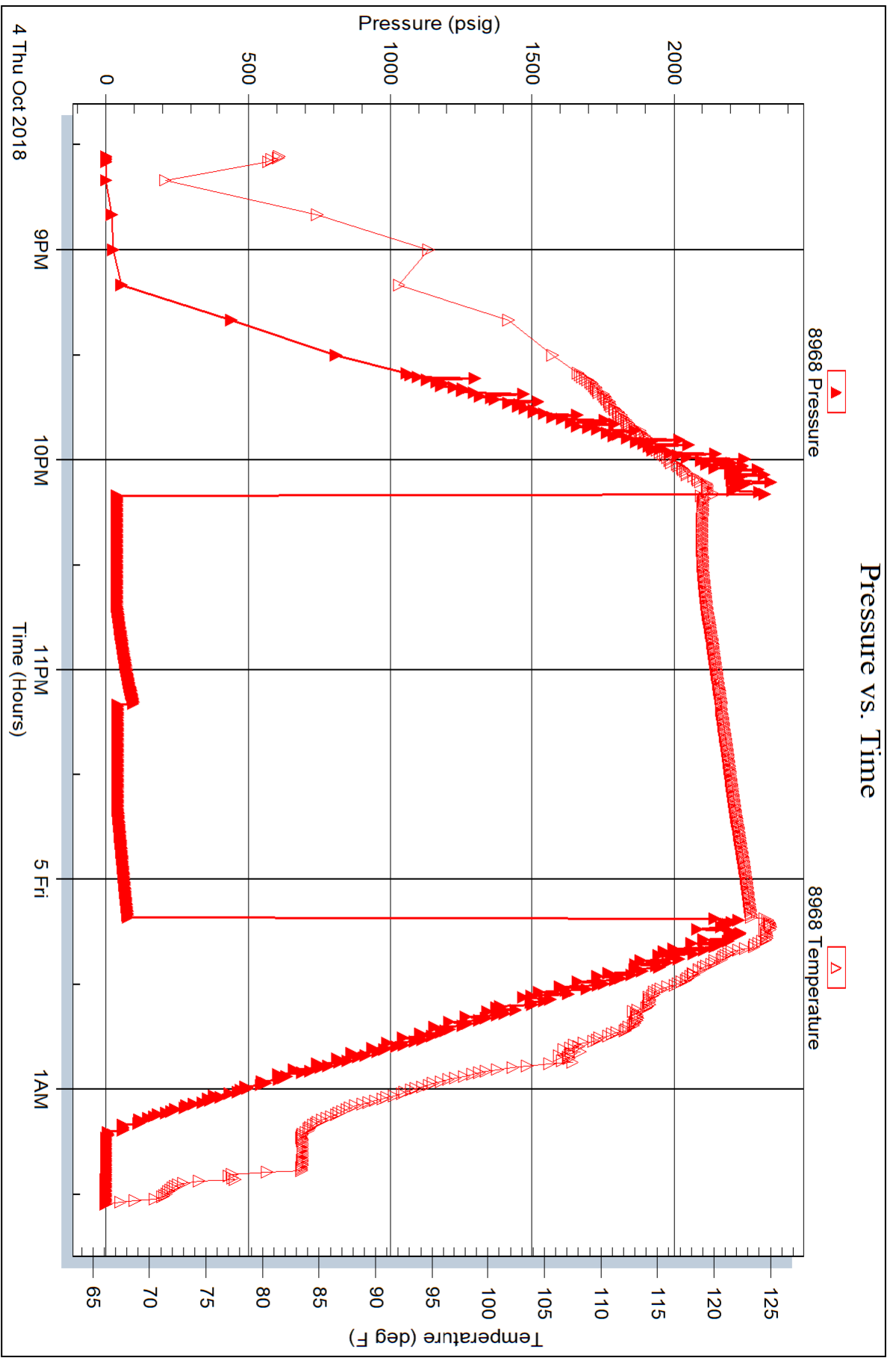
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64399 **DST#: 5**
 Test Start: 2018.10.05 @ 08:58:15

GENERAL INFORMATION:

Formation: **Altamont C**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:38:15
 Time Test Ended: 13:58:45
 Interval: **4506.00 ft (KB) To 4545.00 ft (KB) (TVD)**
 Total Depth: 4545.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3325.00 ft (KB)
 3320.00 ft (CF)
 KB to GR/CF: 5.00 ft

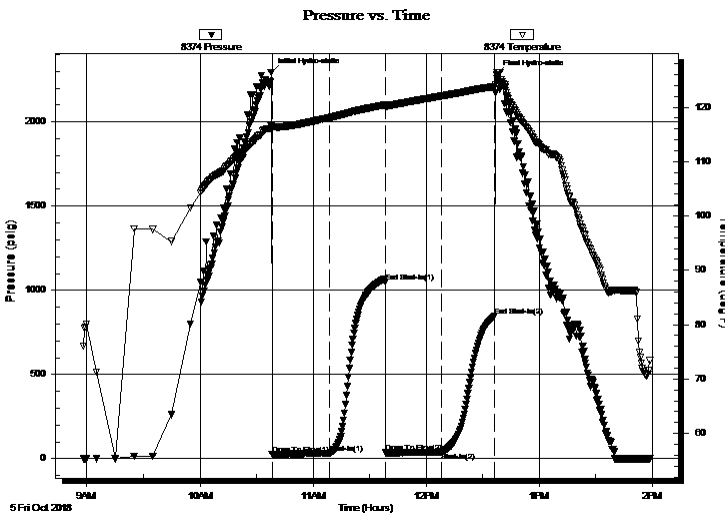
Serial #: 8374

Inside

Press@RunDepth: 40.15 psig @ 4507.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.05 End Date: 2018.10.05 Last Calib.: 2018.10.05
 Start Time: 08:58:15 End Time: 13:58:45 Time On Btm: 2018.10.05 @ 10:38:00
 Time Off Btm: 2018.10.05 @ 12:37:15

TEST COMMENT: IF: Built to 1/2" blow and died
 IS: No return blow
 FF: Built to 1/2" blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.04	116.70	Initial Hydro-static
1	25.34	116.30	Open To Flow (1)
31	32.46	118.08	Shut-In(1)
61	1047.84	120.43	End Shut-In(1)
61	35.97	120.14	Open To Flow (2)
90	40.15	122.04	Shut-In(2)
119	847.37	123.80	End Shut-In(2)
120	2278.34	125.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110
Wichita KS
67202
ATTN: Tim Priest

Bellamy Farms 1-9

Job Ticket: 64399

DST#: 5

Test Start: 2018.10.05 @ 08:58:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100% m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

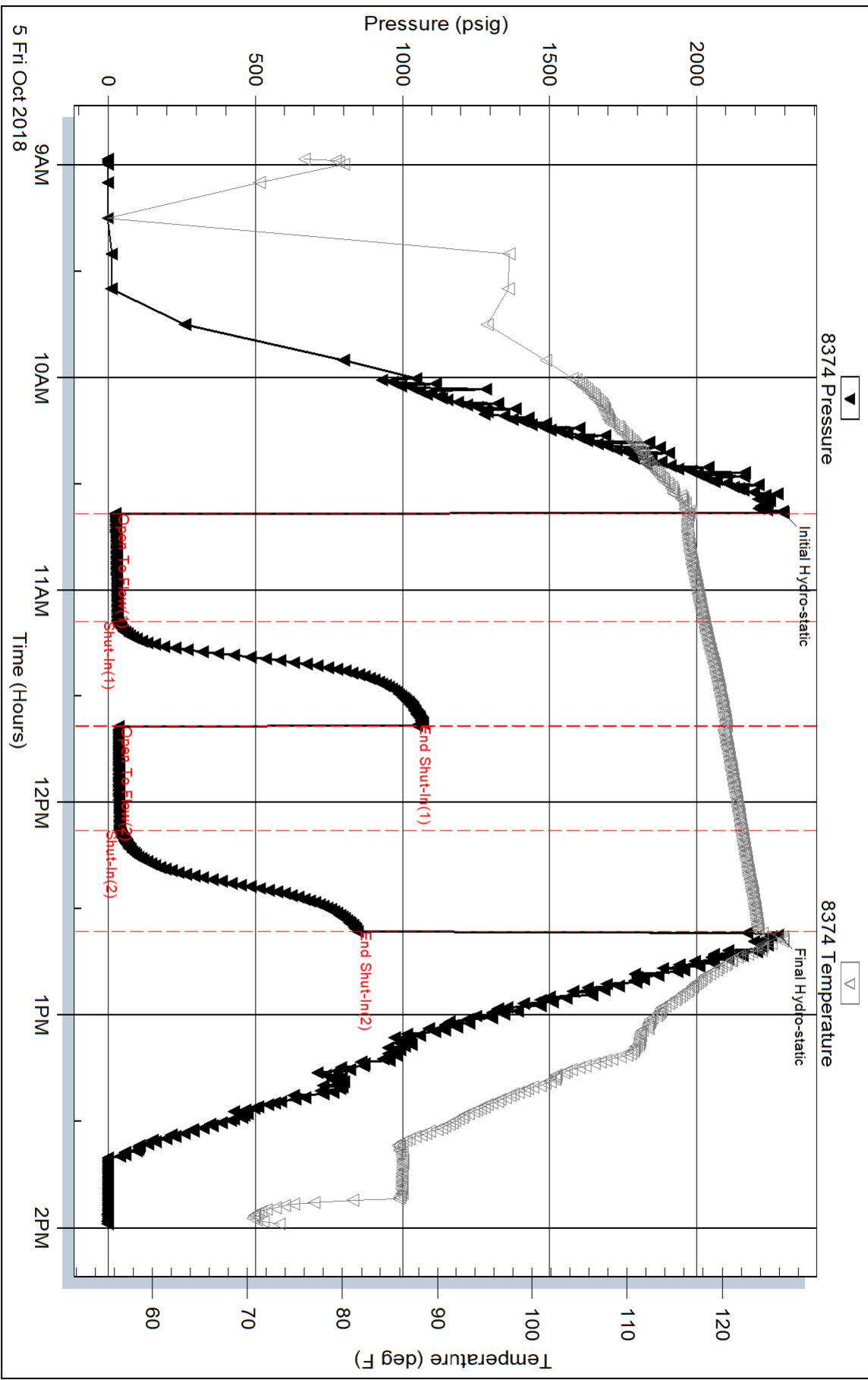
Serial #:

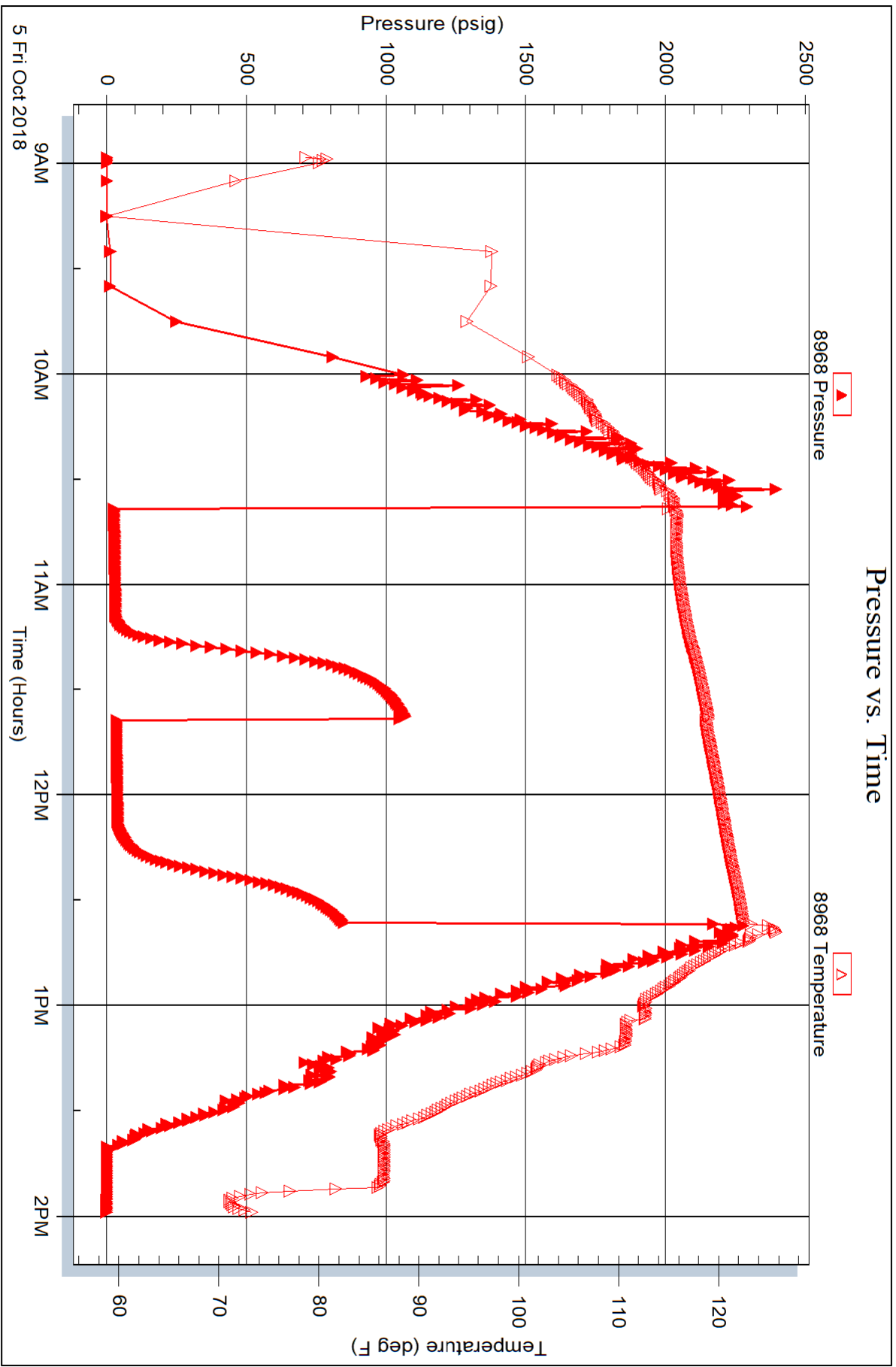
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110

Bellamy Farms 1-9

Wichita KS

Job Ticket: 64400

DST#: 6

67202

ATTN: Tim Priest

Test Start: 2018.10.05 @ 22:42:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100 % m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64276 **DST#: 7**
 Test Start: 2018.10.06 @ 18:14:23

GENERAL INFORMATION:

Formation: **Myric -CK**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:09:23
 Time Test Ended: 23:45:53
 Interval: **4575.00 ft (KB) To 4675.00 ft (KB) (TVD)**
 Total Depth: 4675.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3325.00 ft (KB)
 3320.00 ft (CF)
 KB to GR/CF: 5.00 ft

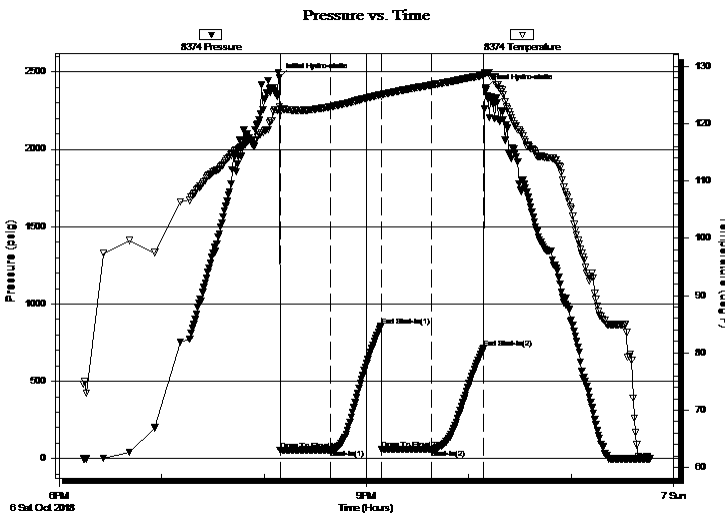
Serial #: 8374

Inside

Press@RunDepth: 60.88 psig @ 4645.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.06 End Date: 2018.10.06 Last Calib.: 2018.10.06
 Start Time: 18:14:23 End Time: 23:45:53 Time On Btm: 2018.10.06 @ 20:09:08
 Time Off Btm: 2018.10.06 @ 22:09:38

TEST COMMENT: IF: Built to 1/2" blow
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2464.36	123.00	Initial Hydro-static
1	52.78	121.94	Open To Flow (1)
30	57.38	122.94	Shut-In(1)
60	857.69	125.08	End Shut-In(1)
60	59.41	124.81	Open To Flow (2)
90	60.88	126.74	Shut-In(2)
120	716.16	128.42	End Shut-In(2)
121	2394.47	128.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110
Wichita KS
67202
ATTN: Tim Priest

Bellamy Farms 1-9

Job Ticket: 64276

DST#: 7

Test Start: 2018.10.06 @ 18:14:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

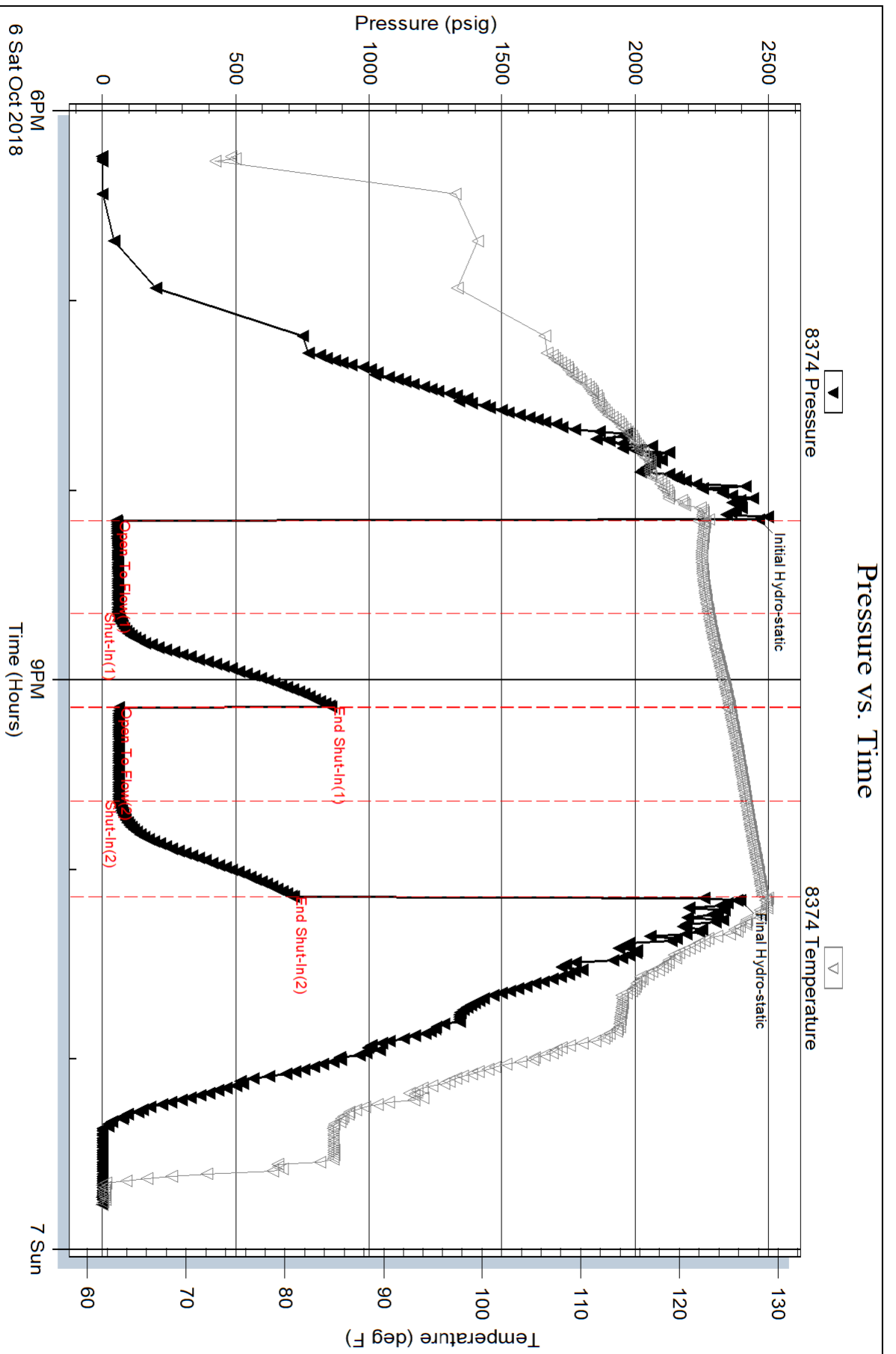
Num Gas Bombs: 0

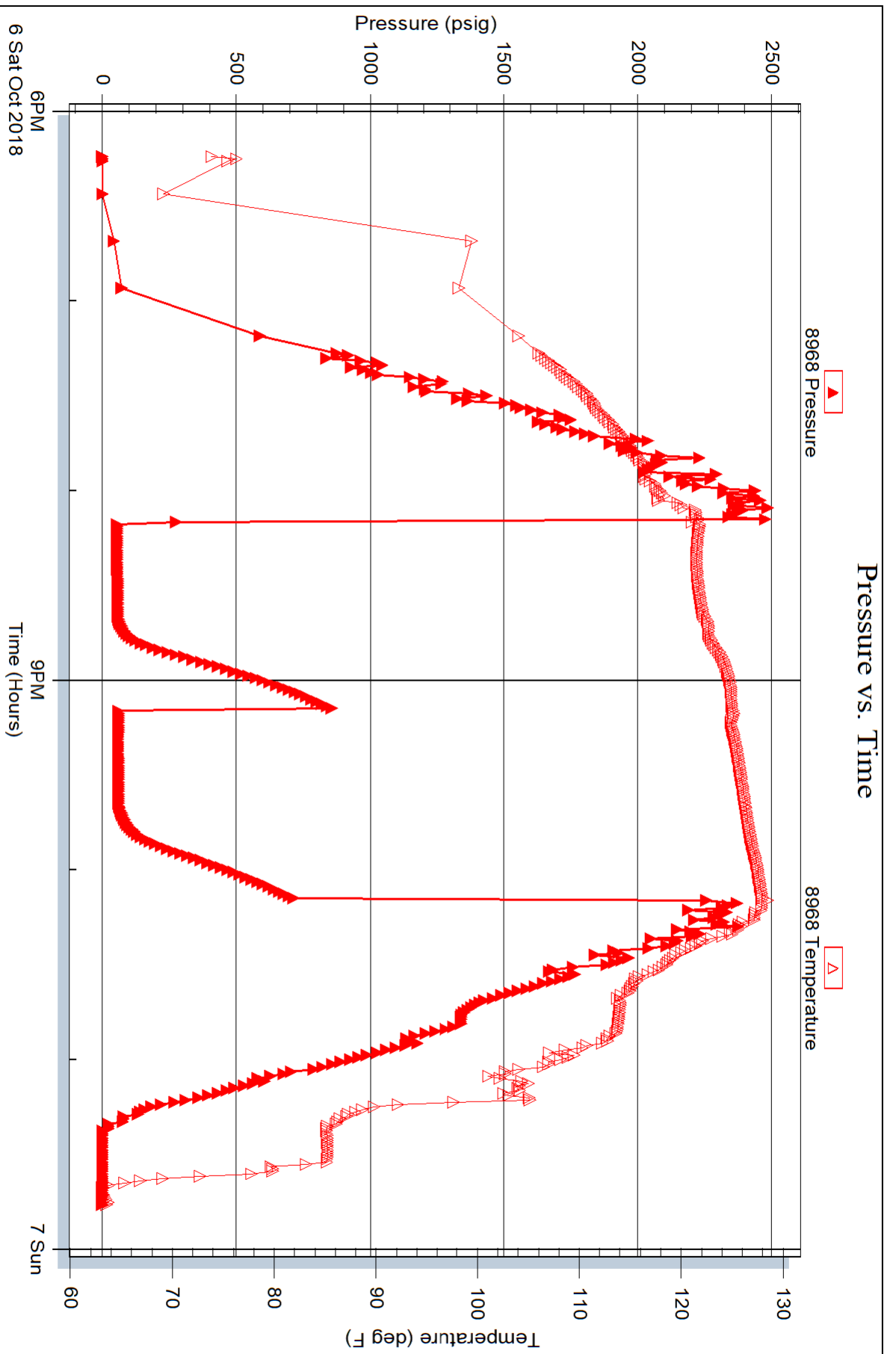
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Val Energy Inc.
 125 N Market St STE 1110
 Wichita KS
 67202
 ATTN: Tim Priest

9-8-35 Thomas Co KS

Bellamy Farms 1-9

Job Ticket: 64277

DST#: 8

Test Start: 2018.10.07 @ 06:20:15

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:29:00
 Time Test Ended: 11:53:30
 Interval: **4662.00 ft (KB) To 4695.00 ft (KB) (TVD)**
 Total Depth: 4695.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3325.00 ft (KB)
 3320.00 ft (CF)
 KB to GR/CF: 5.00 ft

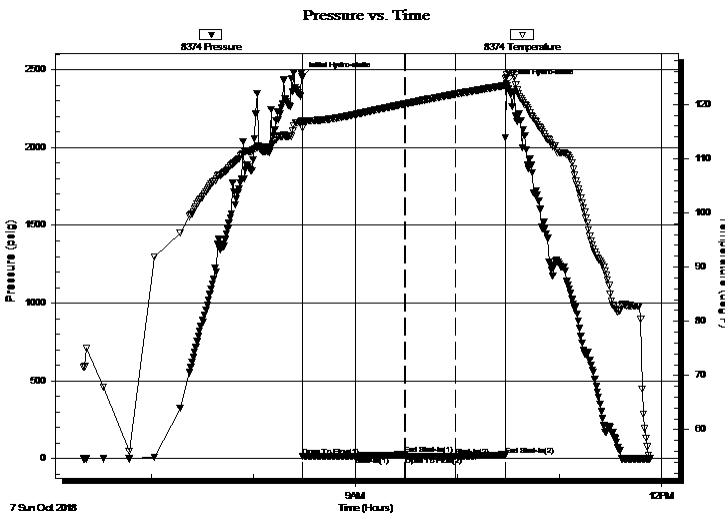
Serial #: 8374

Inside

Press@RunDepth: 17.25 psig @ 4665.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.07 End Date: 2018.10.07 Last Calib.: 2018.10.07
 Start Time: 06:20:15 End Time: 11:53:30 Time On Btm: 2018.10.07 @ 08:28:45
 Time Off Btm: 2018.10.07 @ 10:29:00

TEST COMMENT: IF: Built to 1" blow
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2452.60	116.92	Initial Hydro-static
1	15.78	115.61	Open To Flow (1)
32	16.90	118.16	Shut-In(1)
61	26.07	120.11	End Shut-In(1)
61	16.18	120.14	Open To Flow (2)
91	17.25	121.90	Shut-In(2)
120	24.86	123.48	End Shut-In(2)
121	2408.58	124.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc.

9-8-35 Thomas Co KS

125 N Market St STE 1110
Wichita KS
67202
ATTN: Tim Priest

Bellamy Farms 1-9

Job Ticket: 64277

DST#: 8

Test Start: 2018.10.07 @ 06:20:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 667.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8374

Inside

Val Energy Inc.

Bellamy Farms 1-9

DST Test Number: 8

Pressure vs. Time

