



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

LaVeta Oil & Gas

29-22S-11W Stafford

305 N Buffalo
Stafford, KS 67578

P Spangenberg 15

Job Ticket: 57968

DST#: 2

ATTN: Bruce Reed

Test Start: 2016.11.08 @ 12:57:58

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:47:13

Time Test Ended: 19:09:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3564.00 ft (KB) To 3570.00 ft (KB) (TVD)

Reference Elevations: 1837.00 ft (KB)

Total Depth: 3570.00 ft (KB) (TVD)

1827.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8159

Inside

Press@RunDepth: 590.04 psig @ 3565.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.08

End Date:

2016.11.08

Last Calib.:

2016.11.08

Start Time: 12:57:59

End Time:

19:09:13

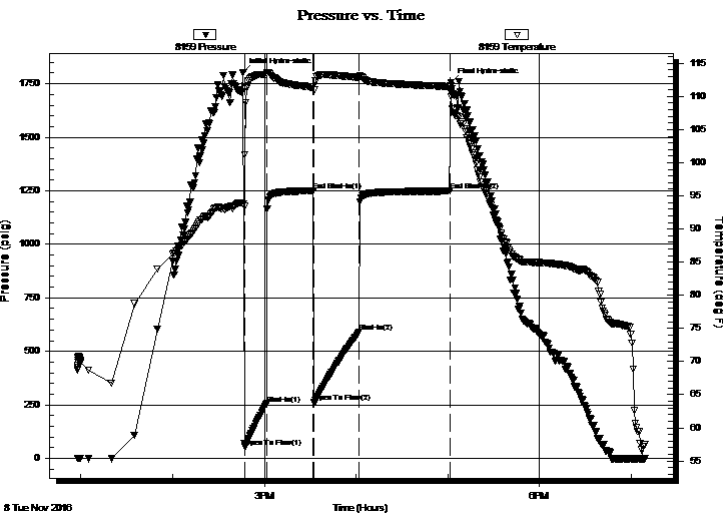
Time On Btm:

2016.11.08 @ 14:46:13

Time Off Btm:

2016.11.08 @ 17:02:13

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: 1/2 inch Blow Back
FF: Strong Blow , BOB in 2 minutes
FS: 1inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.86	93.78	Initial Hydro-static
1	54.00	101.23	Open To Flow (1)
16	255.66	113.33	Shut-In(1)
46	1249.53	111.40	End Shut-In(1)
47	261.57	110.96	Open To Flow (2)
76	590.04	112.87	Shut-In(2)
136	1248.48	111.48	End Shut-In(2)
136	1754.18	109.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	186 GIP	0.00
1071.00	Water	15.02
126.00	GSY OMCW 20%G 6%M 24%O 50%M	1.77
130.00	GSY Oil 20%G 80%O	1.82

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

LaVeta Oil & Gas

29-22S-11W Stafford

305 N Buffalo
Stafford, KS 67578

P Spangenberg 15

Job Ticket: 57968

DST#: 2

ATTN: Bruce Reed

Test Start: 2016.11.08 @ 12:57:58

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:47:13

Time Test Ended: 19:09:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3564.00 ft (KB) To 3570.00 ft (KB) (TVD)

Reference Elevations: 1837.00 ft (KB)

Total Depth: 3570.00 ft (KB) (TVD)

1827.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6806 Outside

Press@RunDepth: psig @ 3565.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.08

End Date:

2016.11.08

Last Calib.:

2016.11.08

Start Time:

12:57:59

End Time:

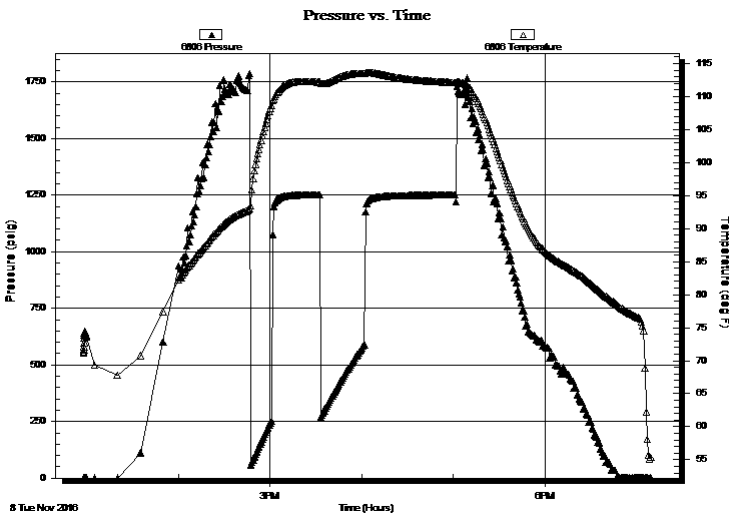
19:09:13

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: 1/2 inch Blow Back
FF: Strong Blow , BOB in 2 minutes
FS: 1inch Blow Back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	186 GIP	0.00
1071.00	Water	15.02
126.00	GSY OMCW 20%G 6%M 24%O 50%M	1.77
130.00	GSY Oil 20%G 80%O	1.82

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LaVeta Oil & Gas

29-22S-11W Stafford

305 N Buffalo
Stafford, KS 67578

P Spangenberg 15

Job Ticket: 57968

DST#: 2

ATTN: Bruce Reed

Test Start: 2016.11.08 @ 12:57:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	186 GIP	0.000
1071.00	Water	15.023
126.00	GSY OMCW 20%G 6%M 24%O 50%M	1.767
130.00	GSY Oil 20%G 80%O	1.824

Total Length: 1327.00 ft Total Volume: 18.614 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 30 @ 59 degrees
RW w as .29 @ 60 degrees

Serial #: 8159

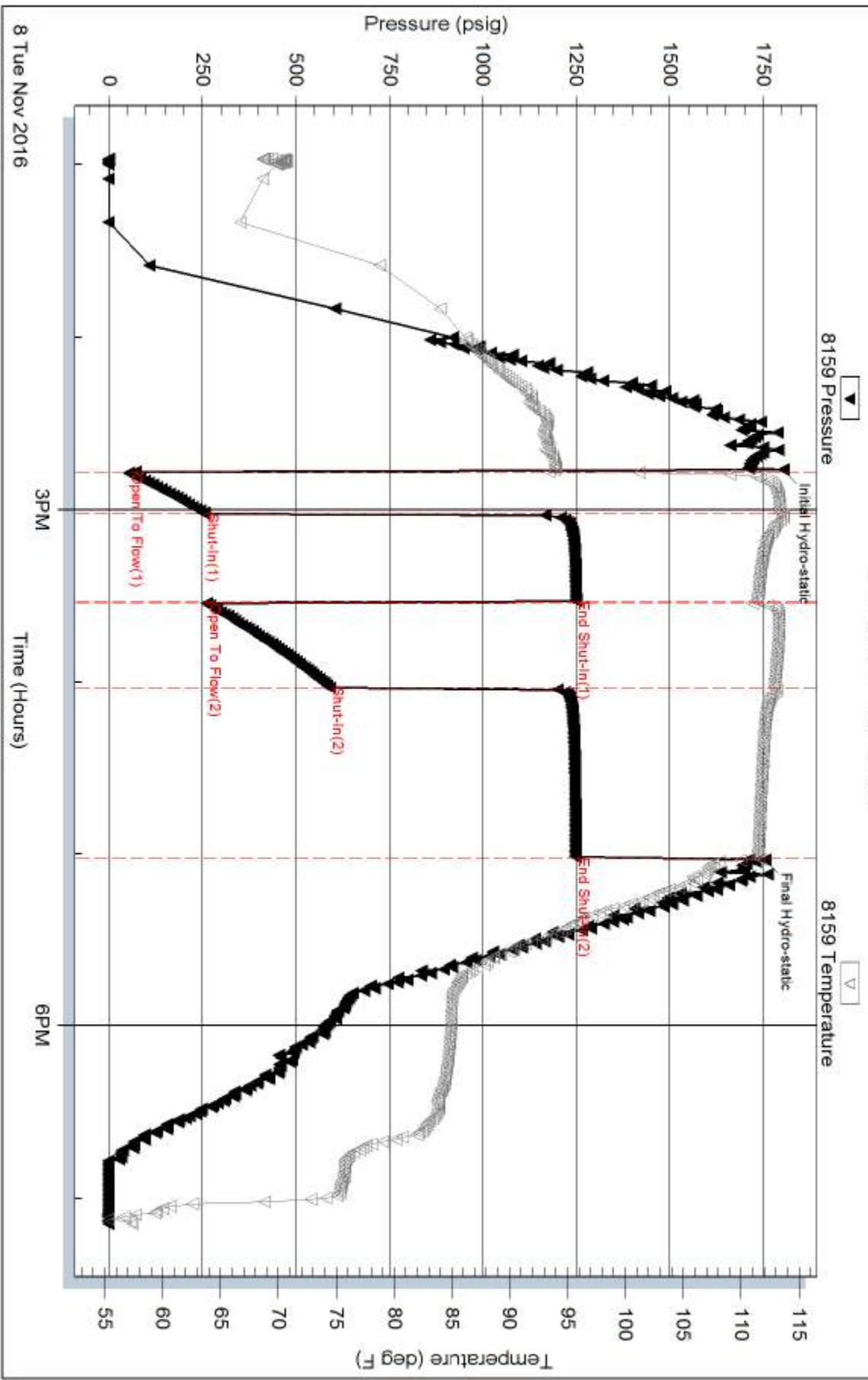
Inside

LaVeta Oil & Gas

P Spangenberg 15

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 57968

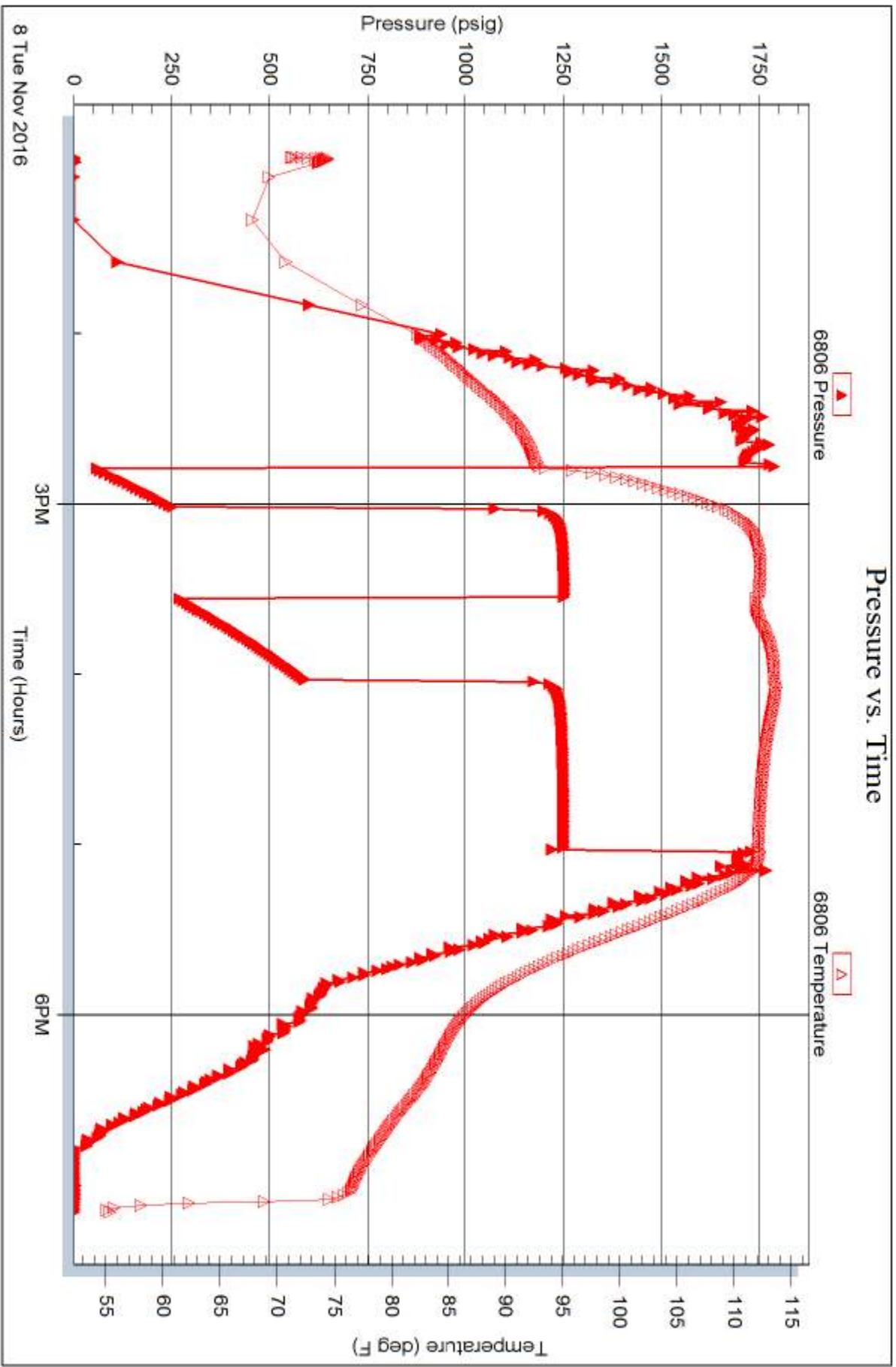
Printed: 2016.11.08 @ 19:52:39

Serial #: 6806

Outside Laveta Oil & Gas

P Spangenberg 15

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57968

Printed: 2016.11.08 @ 19:52:39