



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum
 PO Box 30545
 Edmond OK
 73003+0010
 ATTN: Wyatt Urban

12/3S/29W/Decatur

Brown #2-12

Job Ticket: 61936

DST#: 1

Test Start: 2016.10.14 @ 16:39:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:05:30

Time Test Ended: 22:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Oberlin/4

Interval: 3531.00 ft (KB) To 3575.00 ft (KB) (TVD)

Reference Elevations: 2555.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

2547.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6999

Inside

Press@RunDepth: 380.91 psig @ 3571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.14

End Date:

2016.10.14

Last Calib.: 2016.10.14

Start Time: 16:39:05

End Time:

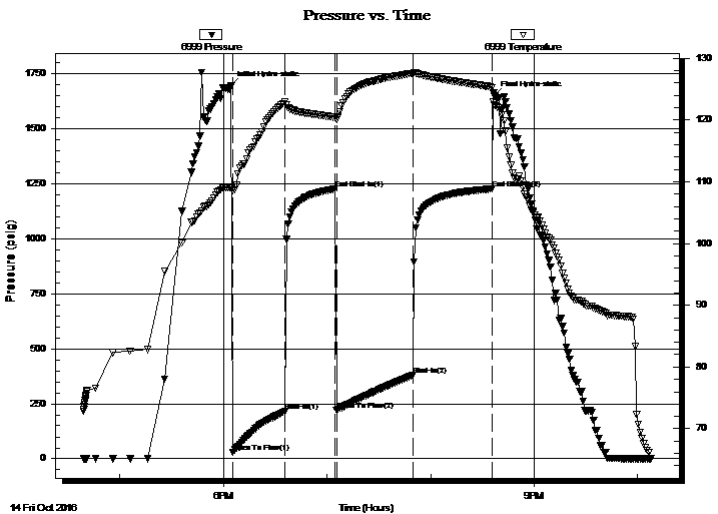
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Time On Btm: 2016.10.14 @ 18:04:30

Time Off Btm: 2016.10.14 @ 20:37:00

TEST COMMENT: I.F. 30 minutes/Blow built to bottom of bucket in 9 1/2 minutes
 I.S.I. 30 minutes/No blow back
 F.F. 45 minutes/Blow built to bottom of bucket in 12 minutes
 F.S.I. 45 minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.96	109.23	Initial Hydro-static
1	29.86	108.57	Open To Flow (1)
31	214.79	122.88	Shut-In(1)
60	1225.30	120.46	End Shut-In(1)
61	221.48	120.04	Open To Flow (2)
106	380.91	127.55	Shut-In(2)
151	1225.73	125.32	End Shut-In(2)
153	1648.37	122.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
775.00	Muddy Water with show of oil in tool	9.23
0.00	Mud 5% Water 95%	0.00

Gas Rates

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



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Tester: Ken Swinney

Unit No: 72 Oberlin/4

Interval: 3531.00 ft (KB) To 3575.00 ft (KB) (TVD)

Reference Elevations: 2555.00 ft (KB)

Total Depth: 3575.00 ft (KB) (TVD)

2547.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8521 Outside

Press@RunDepth: 1226.14 psig @ 3572.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.10.14

End Date: 2016.10.14

Last Calib.: 2016.10.14

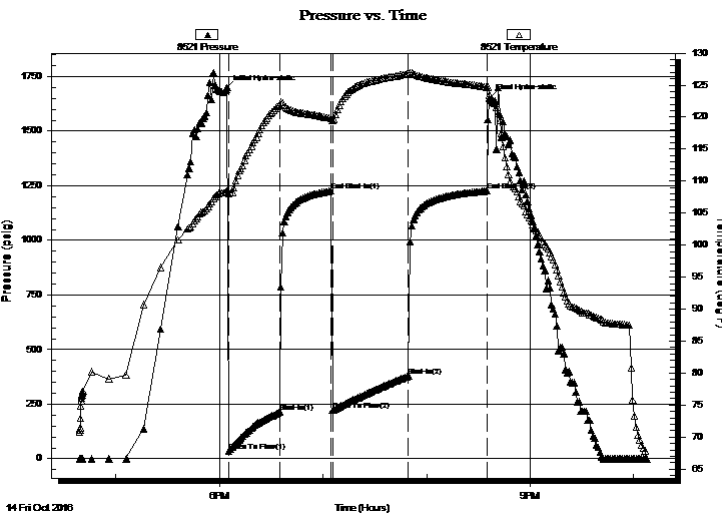
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End Time: 22:07:29

Time On Btm: 2016.10.14 @ 18:04:00

Time Off Btm: 2016.10.14 @ 20:36:30

TEST COMMENT: I.F. 30 minutes/Blow built to bottom of bucket in 9 1/2 minutes
 I.S.I. 30 minutes/No blow back
 F.F. 45 minutes/Blow built to bottom of bucket in 12 minutes
 F.S.I. 45 minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.48	108.29	Initial Hydro-static
2	32.95	108.06	Open To Flow (1)
31	215.00	121.95	Shut-In(1)
61	1226.16	119.85	End Shut-In(1)
62	221.32	119.49	Open To Flow (2)
106	380.38	126.77	Shut-In(2)
151	1226.14	124.66	End Shut-In(2)
153	1650.00	123.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
775.00	Muddy Water with show of oil in tool	9.23
0.00	Mud 5% Water 95%	0.00

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum

12/3S/29W/Decatur

PO Box 30545
Edmond OK
73003+0010

Brown #2-12

Job Ticket: 61936

DST#: 1

ATTN: Wyatt Urban

Test Start: 2016.10.14 @ 16:39:00

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:

44000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
775.00	Muddy Water with show of oil in tool	9.228
0.00	Mud 5% Water 95%	0.000

Total Length: 775.00 ft Total Volume: 9.228 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .162 ohms @ 68 deg.

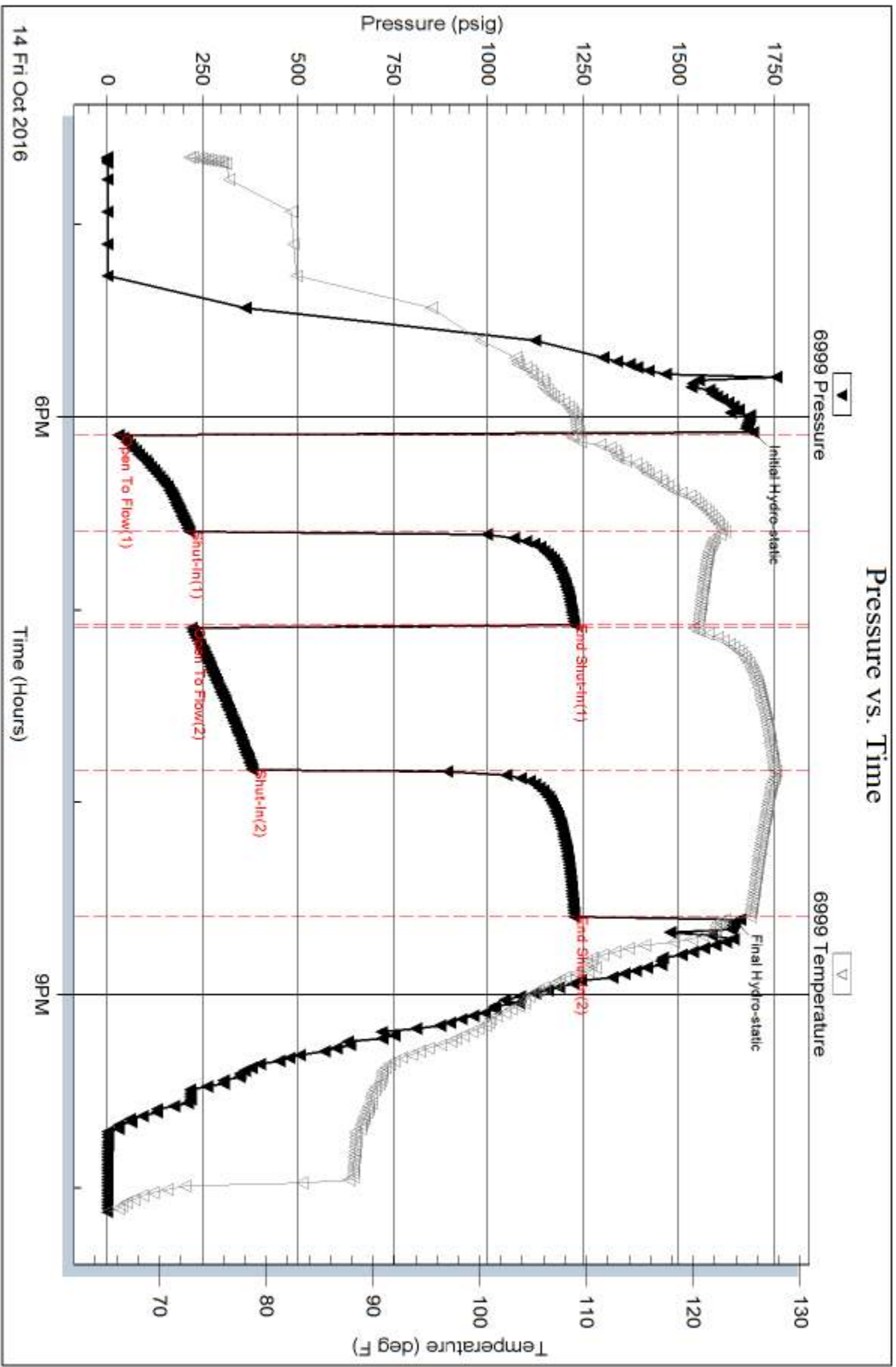
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Inside

Blue Ridge Petroleum

Brown #2-12

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61936

Printed: 2016.10.15 @ 07:54:38

Serial #: 8521

Outside Blue Ridge Petroleum

Brown #2-12

DST Test Number: 1

