



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.15 @ 14:25:00

End Date: 2013.04.15 @ 23:00:00

Job Ticket #: 50656 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 13:54:45



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50656

DST#: 1

Test Start: 2013.04.15 @ 14:25:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:31:30

Time Test Ended: 23:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3455.00 ft (KB) To 3500.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3500.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 670.78 psig @ 3459.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.15

End Date:

2013.04.15

Last Calib.:

2013.04.15

Start Time: 14:25:01

End Time:

23:00:00

Time On Btm:

2013.04.15 @ 16:21:30

Time Off Btm:

2013.04.15 @ 19:35:00

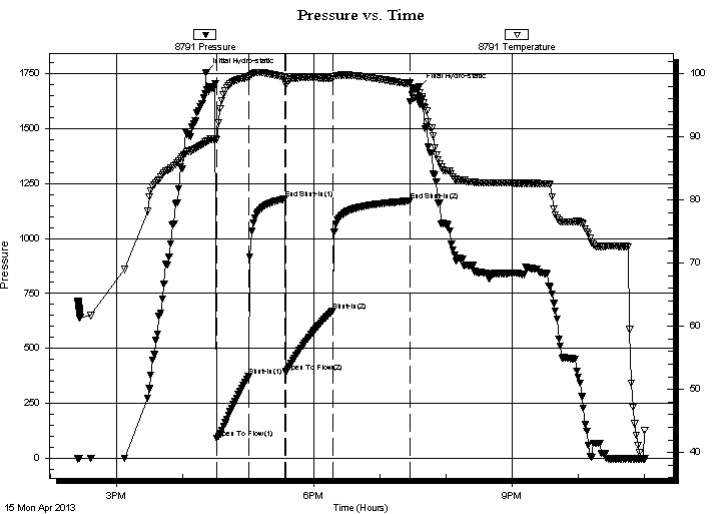
TEST COMMENT:

IF: Strong blow , Built to B.O.B in 1 1/2 mins.

IS: Blow back after 1 min. , Built to B.O.B in 22 mins.

FF: Strong blow , Built to B.O.B in 30 secs. GTS in 40 mins.

FS: Blow back after 30 sec. Built to B.O.B in 15 mins. Died to 5 in. over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.89	89.22	Initial Hydro-static
10	92.11	89.55	Open To Flow (1)
39	375.19	99.41	Shut-In(1)
72	1180.26	99.44	End Shut-In(1)
73	390.48	98.80	Open To Flow (2)
115	670.78	99.27	Shut-In(2)
185	1170.29	98.40	End Shut-In(2)
194	1688.53	96.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1437 Ft of gas in pipe	0.00
120.00	Hgocm-15%g35%o50%m	1.68
465.00	go-50%g50%o	6.52
1395.00	go-30%g70%o	19.57
20.00	go-40%g60%o	0.28

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50656

DST#: 1

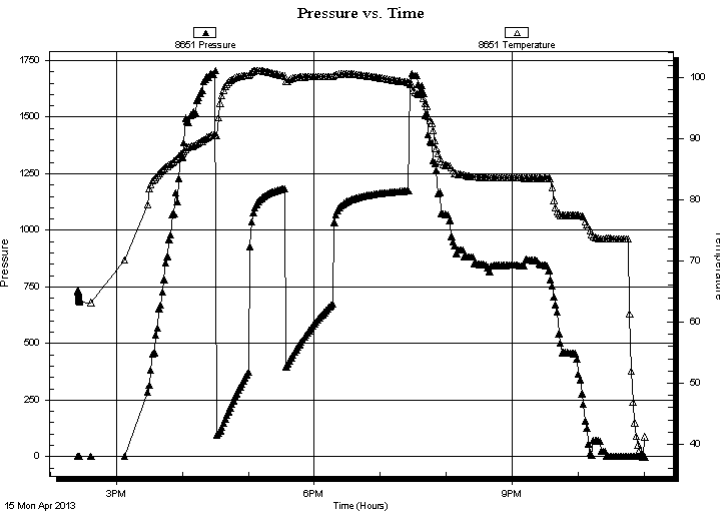
Test Start: 2013.04.15 @ 14:25:00

GENERAL INFORMATION:

Formation: **LKC A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:31:30
 Tester: Chuck Kreuzer Jr
 Time Test Ended: 23:00:00
 Unit No: 61
Interval: 3455.00 ft (KB) To 3500.00 ft (KB) (TVD)
 Reference Elevations: 2474.00 ft (KB)
 Total Depth: 3500.00 ft (KB) (TVD) 2469.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8651 **Outside**
 Press@RunDepth: psig @ 3459.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.15 End Date: 2013.04.15 Last Calib.: 2013.04.15
 Start Time: 14:25:01 End Time: 23:00:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong blow , Built to B.O.B in 1 1/2 mins.
 IS: Blow back after 1 min. ,Built to B.O.B in 22 mins.
 FF: Strong blow , Built to B.O.B in 30 secs. GTS in 40 mins.
 FS: Blow back after 30 sec. Built to B.O.B in 15 mins. Died to 5 in. over 60 mins.



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

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	1437 Ft of gas in pipe	0.00
120.00	Hgocm-15%g35%o50%m	1.68
465.00	go-50%g50%o	6.52
1395.00	go-30%g70%o	19.57
20.00	go-40%g60%o	0.28

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50656

DST#: 1

ATTN: Jim Musgrove

Test Start: 2013.04.15 @ 14:25:00

Tool Information

Drill Pipe:	Length: 3460.00 ft	Diameter: 3.80 inches	Volume: 48.53 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 48.53 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3455.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 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
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Shut In Tool	5.00			3440.00	
Hydraulic tool	5.00			3445.00	
Packer	5.00			3450.00	20.00 Bottom Of Top Packer
Packer	5.00			3455.00	
Stubb	1.00			3456.00	
Perforations	3.00			3459.00	
Recorder	0.00	8791	Inside	3459.00	
Recorder	0.00	8651	Outside	3459.00	
Change Over Sub	1.00			3460.00	
Blank Spacing	31.00			3491.00	
Change Over Sub	1.00			3492.00	
Perforations	5.00			3497.00	
Bullnose	3.00			3500.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50656 **DST#: 1**

ATTN: Jim Musgrove

Test Start: 2013.04.15 @ 14:25:00

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: sec/qt	Cushion Volume: bbl		
Water Loss: 55.82 in ³	Gas Cushion Type:		
Resistivity: 6.20 ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1437 Ft of gas in pipe	0.000
120.00	Hgocm-15%g35%o50%m	1.683
465.00	go-50%g50%o	6.523
1395.00	go-30%g70%o	19.568
20.00	go-40%g60%o	0.281

Total Length: 2000.00 ft Total Volume: 28.055 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8791

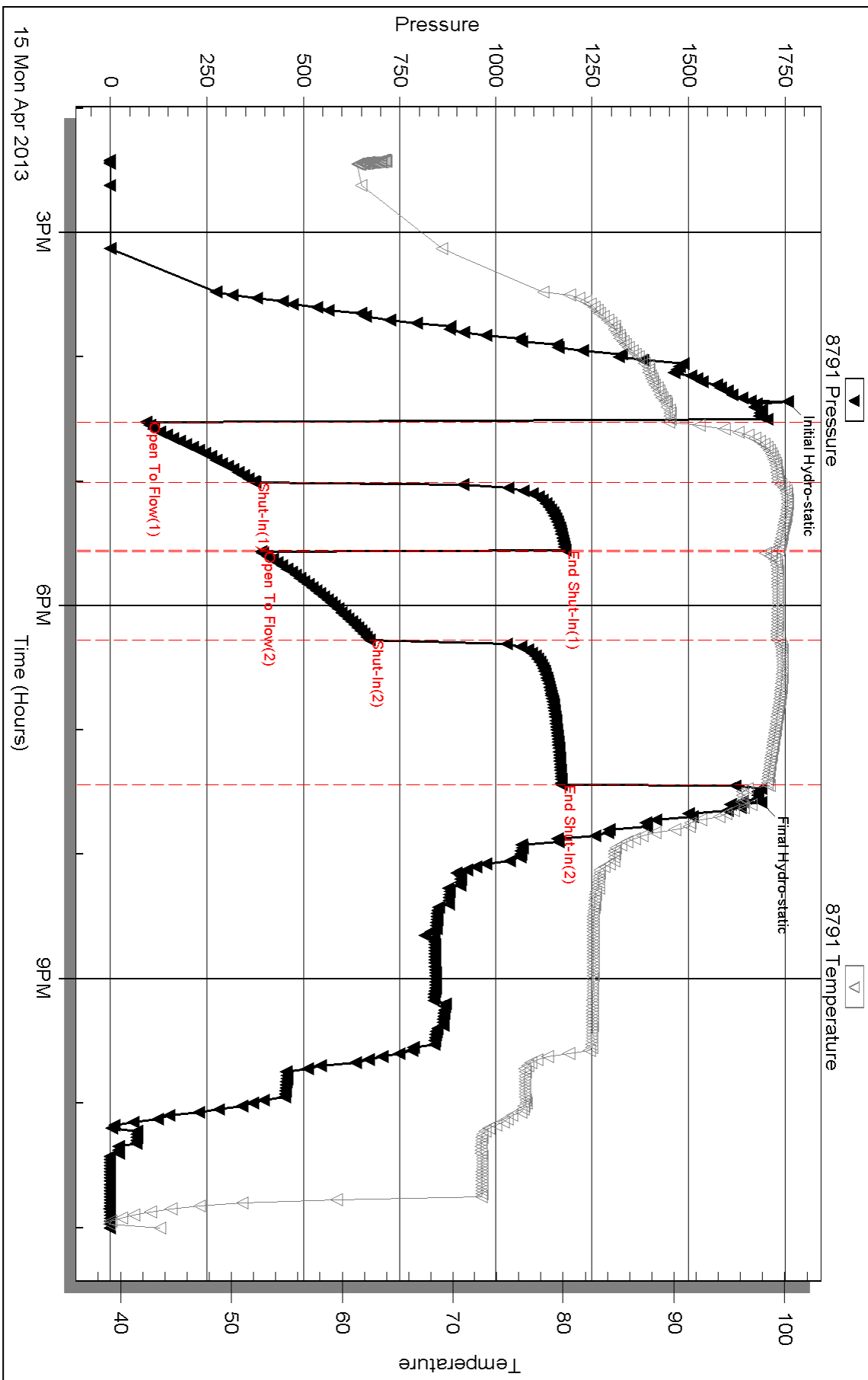
Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 1

Pressure vs. Time

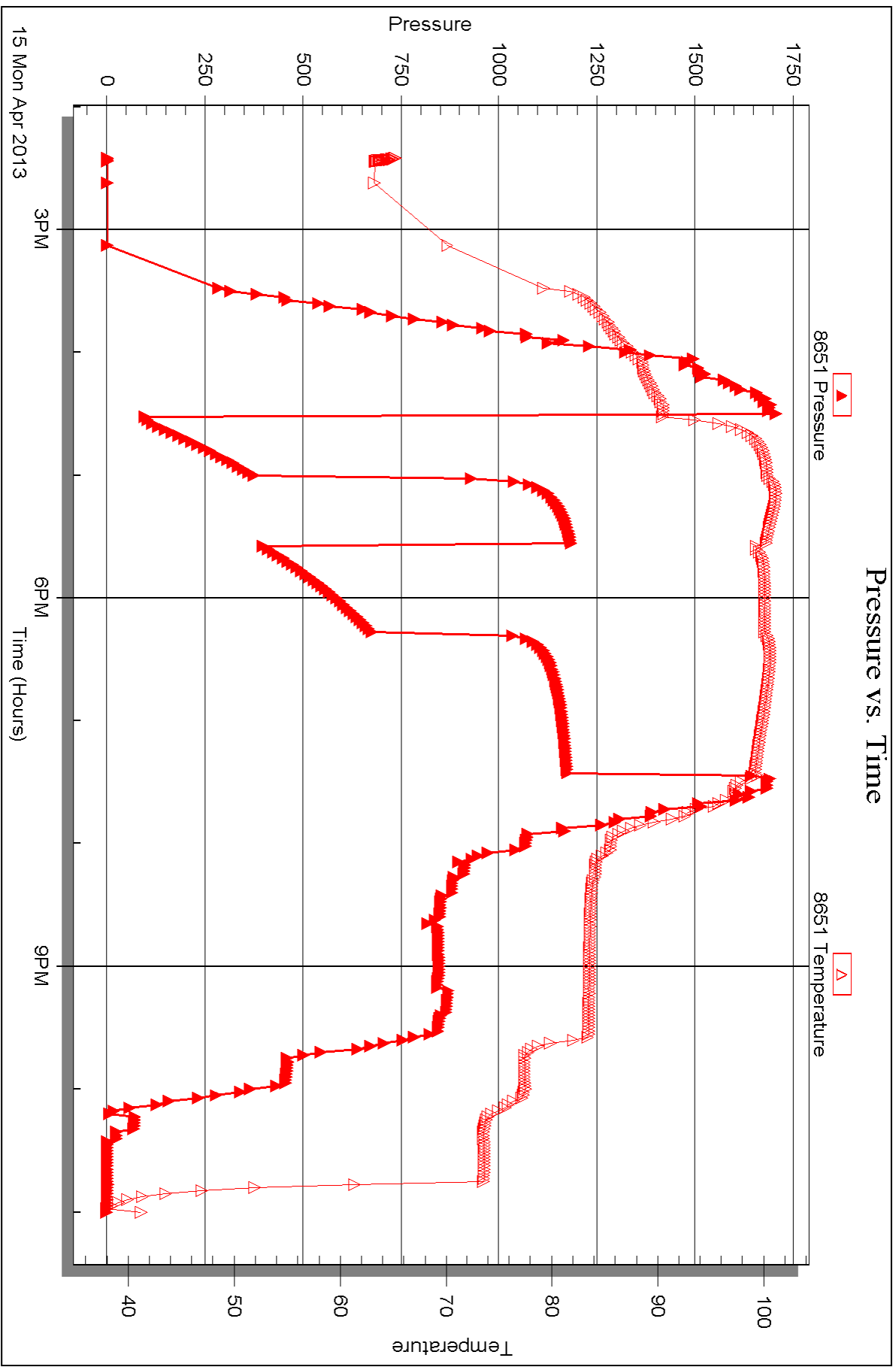


Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.16 @ 09:00:00

End Date: 2013.04.16 @ 14:39:00

Job Ticket #: 50657 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 13:53:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50657

DST#: 2

Test Start: 2013.04.16 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC D-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:05:00

Time Test Ended: 14:39:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3506.00 ft (KB) To 3547.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3547.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 35.65 psig @ 3510.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.16

End Date:

2013.04.16

Last Calib.: 2013.04.16

Start Time: 09:00:01

End Time:

14:39:00

Time On Btm: 2013.04.16 @ 11:02:30

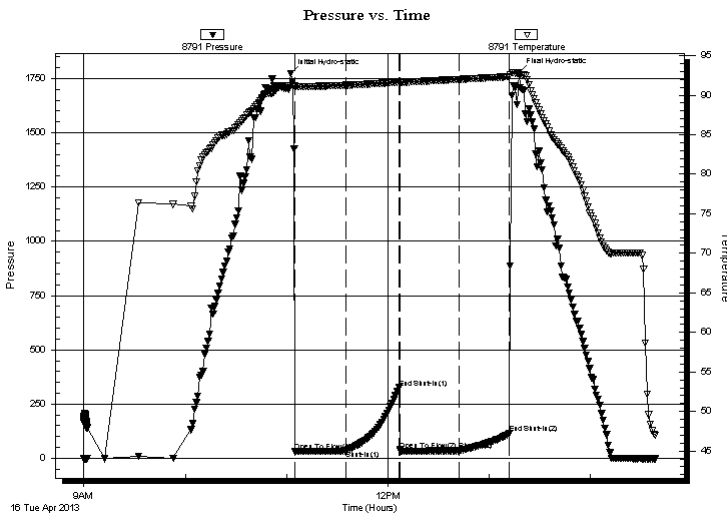
Time Off Btm: 2013.04.16 @ 13:17:30

TEST COMMENT: IF: Weak blow, Surface over 30 mins.

IS: No blow back

FF: No blow,

FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.96	91.17	Initial Hydro-static
3	31.18	91.02	Open To Flow (1)
33	35.97	91.24	Shut-In(1)
64	325.07	91.65	End Shut-In(1)
65	39.13	91.51	Open To Flow (2)
100	35.65	91.98	Shut-In(2)
130	113.36	92.33	End Shut-In(2)
135	1778.29	92.56	Final Hydro-static

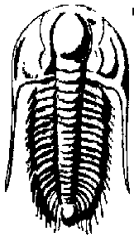
Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM-30%o70%m	0.70

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton, KS

ATTN: Jim Musgrove

Job Ticket: 50657

DST#: 2

Test Start: 2013.04.16 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC D-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:05:00

Time Test Ended: 14:39:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3506.00 ft (KB) To 3547.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3547.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8651 Outside

Press@RunDepth: psig @ 3510.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.16

End Date: 2013.04.16

Last Calib.: 2013.04.16

Start Time: 09:00:01

End Time: 14:39:00

Time On Btm:

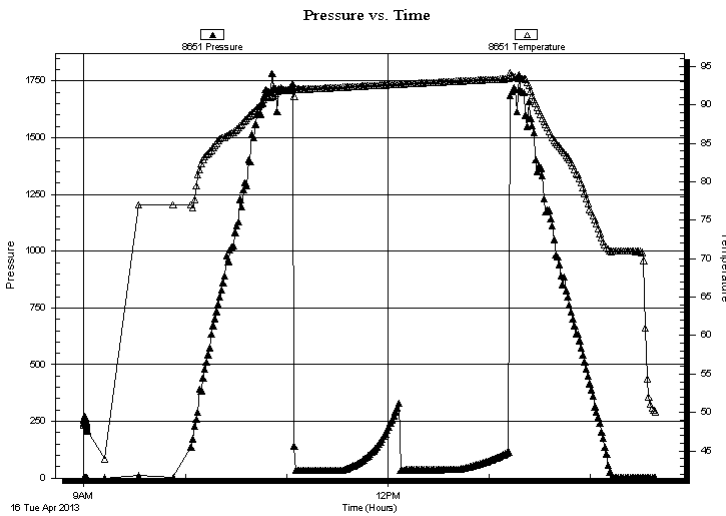
Time Off Btm:

TEST COMMENT: IF; Weak blow , Surface over 30 mins.

IS: No blow back

FF: No blow ,

FS: No blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM-30%o70% ^m	0.70

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50657

DST#: 2

Test Start: 2013.04.16 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3492.00 ft	Diameter: 3.80 inches	Volume: 48.98 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 48.98 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3506.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3491.00	
Hydraulic tool	5.00			3496.00	
Packer	5.00			3501.00	20.00 Bottom Of Top Packer
Packer	5.00			3506.00	
Stubb	1.00			3507.00	
Perforations	3.00			3510.00	
Recorder	0.00	8791	Inside	3510.00	
Recorder	0.00	8651	Outside	3510.00	
Perforations	32.00			3542.00	
Bullnose	3.00			3545.00	39.00 Bottom Packers & Anchor
Total Tool Length:	59.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50657

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.04.16 @ 09:00:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	OCM-30%o70%m	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

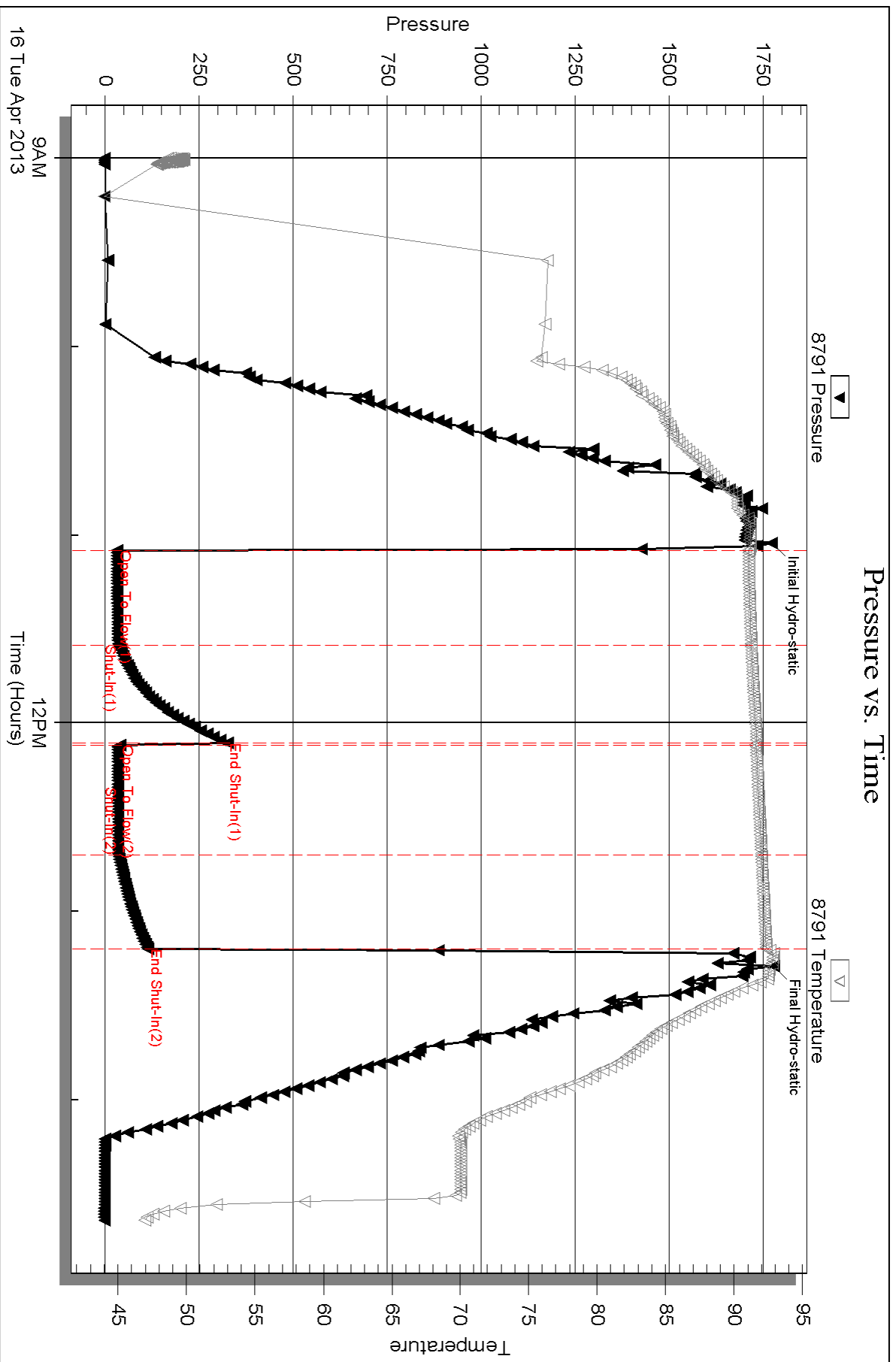
Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 2

Pressure vs. Time

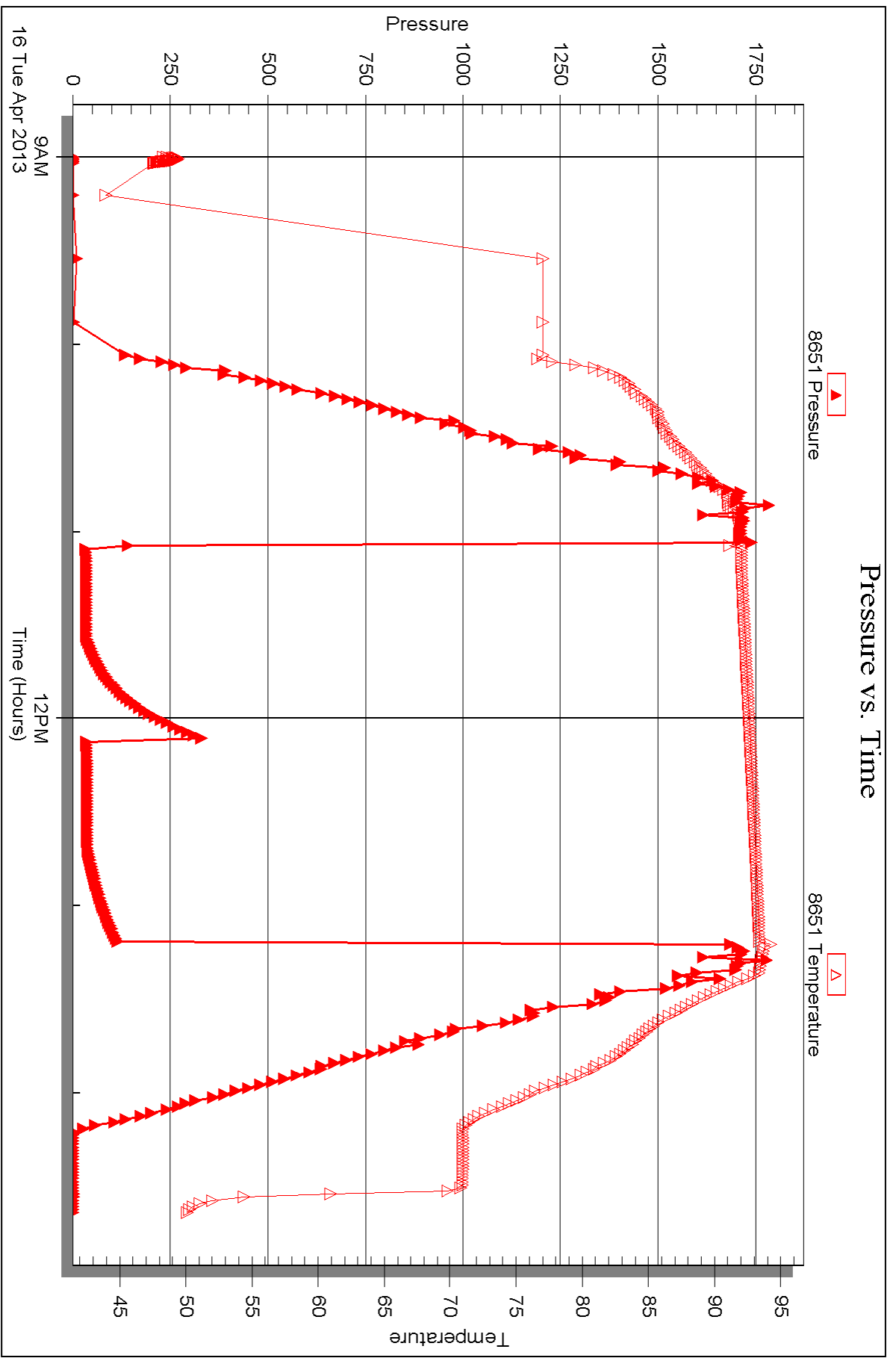


Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50657

Printed: 2013.04.23 @ 13:53:52



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.17 @ 03:50:00

End Date: 2013.04.17 @ 12:02:00

Job Ticket #: 50658 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 13:50:32

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

5-3s-24w Norton,KS

DST # 3

LKC H-K

2013.04.17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50658

DST#: 3

Test Start: 2013.04.17 @ 03:50:00

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:03:00

Time Test Ended: 12:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3545.00 ft (KB) To 3646.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3646.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 570.09 psig @ 3549.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.17

End Date: 2013.04.17

Last Calib.: 2013.04.17

Start Time: 03:50:01

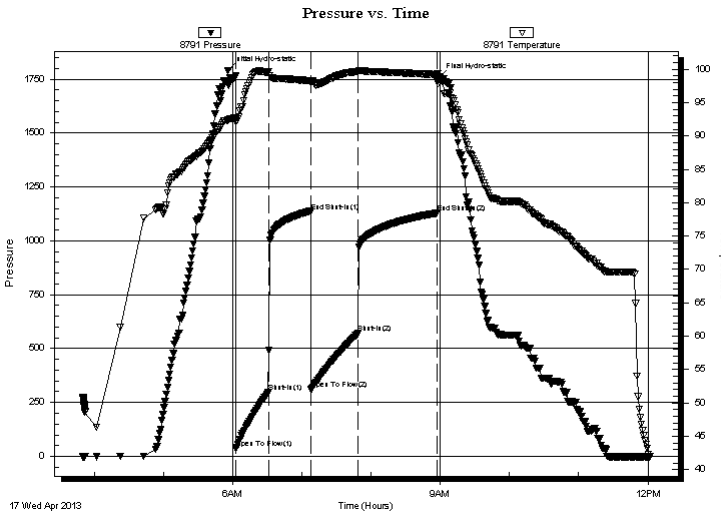
End Time: 12:02:00

Time On Btm: 2013.04.17 @ 05:56:00

Time Off Btm: 2013.04.17 @ 08:59:00

TEST COMMENT: IF: Strong blow , Built to B.O.B in 3 mins.
IS: No blow back
FF: Strong blow , Built to B.O.B in 3 mins.
FS: Weak blow back after 20 mins. Built to 1/4 in. over 60 mins.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.41	92.35	Initial Hydro-static
7	37.25	92.09	Open To Flow (1)
35	296.69	99.49	Shut-In(1)
72	1134.85	98.28	End Shut-In(1)
72	310.62	98.02	Open To Flow (2)
113	570.09	99.63	Shut-In(2)
181	1128.24	99.18	End Shut-In(2)
183	1758.87	98.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw -5% m95% w	6.09
186.00	gw cm-10% g20% w 70% o	2.61
434.00	gocw m-20% g20% o10% w 50% m	6.09
124.00	gocw m-20% g35% o5% w 40% m	1.74
62.00	gocm-10% g30% o60% m	0.87

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50658

DST#: 3

Test Start: 2013.04.17 @ 03:50:00

GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:03:00

Time Test Ended: 12:02:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3545.00 ft (KB) To 3646.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3646.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8651 Outside

Press @ Run Depth: psig @ 3549.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.17 End Date: 2013.04.17

Last Calib.: 2013.04.17

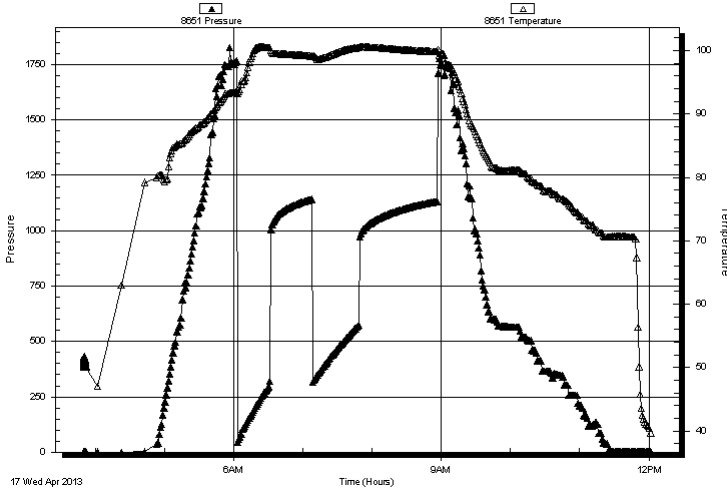
Start Time: 03:50:01 End Time: 12:02:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow , Built to B.O.B in 3 mins.
IS: No blow back
FF: Strong blow , Built to B.O.B in 3 mins.
FS: Weak blow back after 20 mins. Built to 1/4 in. over 60 mins.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw -5%m95%w	6.09
186.00	gw cm-10%g20%w 70%o	2.61
434.00	gocw m-20%g20%o10%w 50%m	6.09
124.00	gocw m-20%g35%o5%w 40%m	1.74
62.00	gocm-10%g30%o60%m	0.87

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50658

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.04.17 @ 03:50:00

Tool Information

Drill Pipe:	Length: 3555.00 ft	Diameter: 3.80 inches	Volume: 49.87 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 49.87 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3545.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	121.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			3530.00	
Hydraulic tool	5.00			3535.00	
Packer	5.00			3540.00	20.00 Bottom Of Top Packer
Packer	5.00			3545.00	
Stubb	1.00			3546.00	
Perforations	3.00			3549.00	
Recorder	0.00	8791	Inside	3549.00	
Recorder	0.00	8651	Outside	3549.00	
Change Over Sub	1.00			3550.00	
Blank Spacing	62.00			3612.00	
Change Over Sub	1.00			3613.00	
Perforations	30.00			3643.00	
Bullnose	3.00			3646.00	101.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50658

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.04.17 @ 03:50:00

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:

50000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.21 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	mcw -5%m95%w	6.088
186.00	gw cm-10%g20%w 70%o	2.609
434.00	gocw m-20%g20%o10%w 50%m	6.088
124.00	gocw m-20%g35%o5%w 40%m	1.739
62.00	gocm-10%g30%o60%m	0.870

Total Length: 1240.00 ft

Total Volume: 17.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

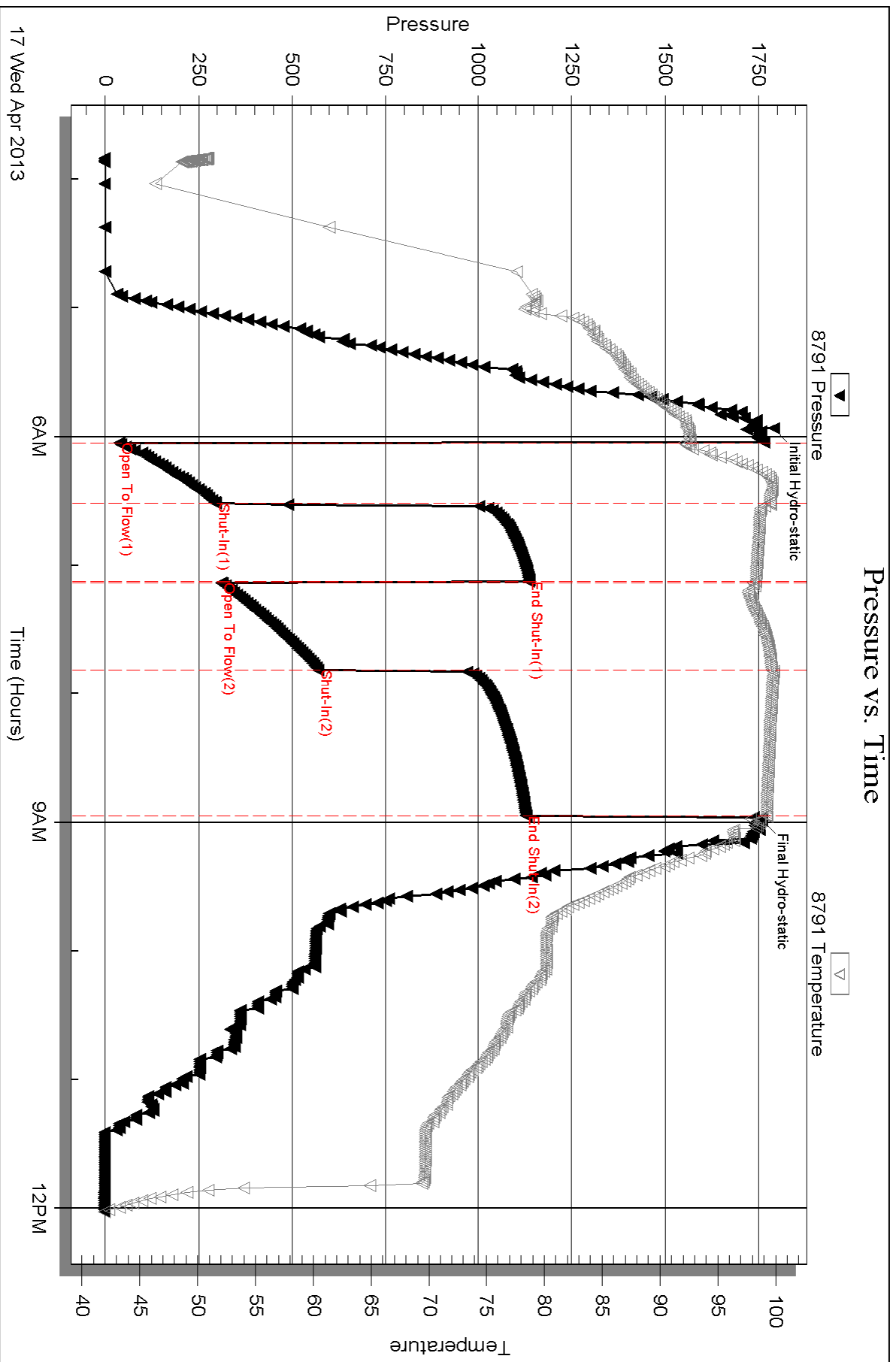
Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50658

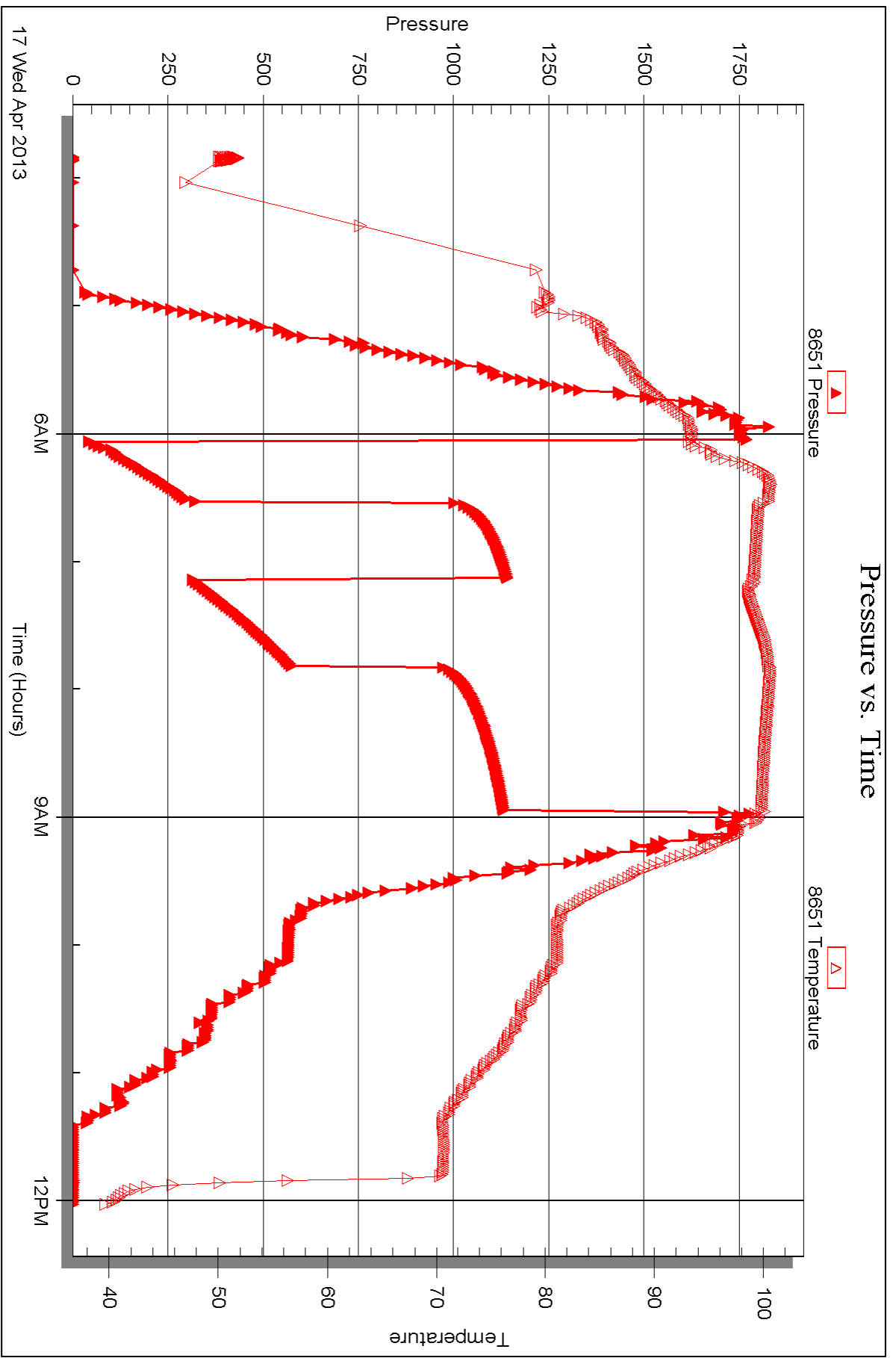
Printed: 2013.04.23 @ 13:50:35

Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

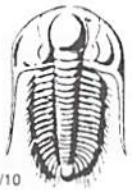
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 50658

Printed: 2013.04.23 @ 13:50:35



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50656

Well Name & No. Maddy-Horton unit #1-5 Test No. 1 Date 04-15-13
 Company Blue Ridge Petroleum Corp. Elevation 2474 KB 2469 GL
 Address Po Box 1913 Enid OK 73702
 Co. Rep / Geo. Barry JIM Mugrove Rig L.O.
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State Ks

Interval Tested 3455 3500 Zone Tested LRC-A
 Anchor Length 45 Drill Pipe Run 3460 Mud Wt. 8.8
 Top Packer Depth 3450 Drill Collars Run 0- Vis 56
 Bottom Packer Depth 3455 Wt. Pipe Run 0- WL 6.2
 Total Depth 3500 Chlorides 500 ppm System LCM 2#

Blow Description IF: Strong blow, Built to B.O.B in 1 1/2 mins
ISF: Blow back after 1 min Built to B.O.B in 2 mins
FF: Strong blow Built to B.O.B in 30 secs. Gas to surface 40 mins into flow
FSI: Blow back after 30 secs Built to B.O.B in 15 mins Died back to 5 in. over 60 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>go</u>	<u>40%</u>	<u>60%</u>		
<u>1395</u>	<u>go</u>	<u>30%</u>	<u>70%</u>		
<u>465</u>	<u>go</u>	<u>50%</u>	<u>50%</u>		
<u>120</u>	<u>HPCM</u>	<u>15%</u>	<u>35%</u>		<u>50%</u>
<u>0</u>	<u>1437 ft + gas in pipe</u>				

Rec Total 2000 BHT 99 Gravity 41 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>1756</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>8:00</u>
(B) First Initial Flow <u>92</u>	<input type="checkbox"/> Jars	T-Started <u>14:25</u>
(C) First Final Flow <u>375</u>	<input type="checkbox"/> Safety Joint	T-Open <u>16:31</u>
(D) Initial Shut-In <u>1180</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:20</u>
(E) Second Initial Flow <u>390</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:00</u>
(F) Second Final Flow <u>679</u>	<input checked="" type="checkbox"/> Mileage <u>28x2 = 56x2 = 112x1.55</u>	Comments <u>Rig hard to do second</u>
(G) Final Shut-In <u>1170</u>	<input type="checkbox"/> Sampler	<u>short trip. Mileage x 2</u>
(H) Final Hydrostatic <u>1689</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1323.60</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Sub Total <u>1323.60</u>		

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **50657**

Well Name & No. Madd4-Heaton Unit #1-5 Test No. 2 Date 04-16-13
 Company Blue Ridge Petro Elevation 2474 KB 2469 GL
 Address P.O. Box 1913 Enid OK 73202
 Co. Rep / Geo. JIM Musgrove Rig L-D
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State KS

Interval Tested 3508 3547 Zone Tested LKC-016
 Anchor Length 39 Drill Pipe Run 3492 Mud Wt. 9.0
 Top Packer Depth 3501 Drill Collars Run -0- Vis 54
 Bottom Packer Depth 3506 Wt. Pipe Run -0- WL 6.4
 Total Depth 3547 Chlorides 500 ppm System LCM 2#

Blow Description IF: Weak blow, surface over 30mm

ESI: No blow back

FF: No blow

FSE: No blow back

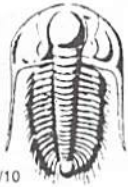
Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>OCM</u>		<u>20</u>		<u>80</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT 92 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1774 Test 1150 T-On Location 8:30
 (B) First Initial Flow 31 Jars _____ T-Started 9:00
 (C) First Final Flow 36 Safety Joint _____ T-Open 11:05
 (D) Initial Shut-In 325 Circ Sub _____ T-Pulled 13:10
 (E) Second Initial Flow 39 Hourly Standby _____ T-Out 14:39
 (F) Second Final Flow 36 Mileage 28x2 = 56x1.55 86.80 Comments _____
 (G) Final Shut-In 113 Sampler _____
 (H) Final Hydrostatic 1778 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1236.80
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1236.80

Approved By _____ Our Representative Chuck King

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50658

Well Name & No. Madd 4 Heaton Unit #1-5 Test No. 3 Date 4-17-2012
 Company Blue Ridge Petro Elevation 2774 KB 2469 GL
 Address P.O. Box 1913 Enid O.K. 73702
 Co. Rep / Geo. Jim Musgrove Rig L.O.
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State Ks

Interval Tested 3545 3646 Zone Tested LKC -H, I, J, K
 Anchor Length 101 Drill Pipe Run 3555 Mud Wt. 9.0
 Top Packer Depth 3540 Drill Collars Run -0- Vis 54
 Bottom Packer Depth 3545 Wt. Pipe Run -0- WL 6.4
 Total Depth 3646 Chlorides 500 ppm System LCM 2#

Blow Description IF: Strong blow, Built to B.O.B in 3 mins.

ISI: No blow back

FF: Strong blow, Built to B.O.B in 3 mins.

FSI: Weak blow back after 20 mins Built to 1/4 in. over 60 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>gocm</u>	<u>10</u>	<u>30</u>	<u>60</u>	<u>0</u>
<u>124</u>	<u>gocm</u>	<u>20</u>	<u>35</u>	<u>5</u>	<u>40</u>
<u>434</u>	<u>gocwm</u>	<u>20</u>	<u>20</u>	<u>10</u>	<u>50</u>
<u>186</u>	<u>gwco</u>	<u>10</u>	<u>70</u>	<u>20</u>	<u>0</u>
<u>434</u>	<u>gocwm</u>	<u>0</u>	<u>0</u>	<u>95</u>	<u>5</u>

Rec Total 1240 BHT 99.6 Gravity _____ API RW .21 @ 50 ° F Chlorides 50,000 ppm

(A) Initial Hydrostatic 1740 Test 1150 T-On Location 3:30
 (B) First Initial Flow 37 Jars _____ T-Started 3:50
 (C) First Final Flow 270 Safety Joint _____ T-Open 6:03
 (D) Initial Shut-In 1135 Circ Sub _____ T-Pulled 8:55
 (E) Second Initial Flow 311 Hourly Standby _____ T-Out 12:02
 (F) Second Final Flow 570 Mileage 28 x 2 = 56 x 1.55 173.60 Comments Loaded tools at 21:50 on 4/17
 (G) Final Shut-In 1128 ~~Sample~~ Mileage X 4 Load tools
 (H) Final Hydrostatic 1759 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1323.60
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1323.60

Approved By _____ Our Representative Chuck Wey

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