



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Soeken #12

22-17s-11w Barton,KS

Start Date: 2012.08.18 @ 21:20:00

End Date: 2012.08.19 @ 04:16:30

Job Ticket #: 48551 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.23 @ 15:50:18

Blue Ridge Petroleum Corp. 22-17s-11w Barton,KS Soeken #12 DST # 1 KC "A-C" 2012.08.18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48551

DST#: 1

ATTN: Josh Austin

Test Start: 2012.08.18 @ 21:20:00

GENERAL INFORMATION:

Formation: **KC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:00

Time Test Ended: 04:16:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3012.00 ft (KB) To 3063.00 ft (KB) (TVD)

Total Depth: 3063.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1846.00 ft (KB)

1841.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 32.92 psig @ 3014.00 ft (KB)

Start Date: 2012.08.18

End Date: 2012.08.19

Start Time: 21:20:05

End Time: 04:16:29

Capacity: 8000.00 psig

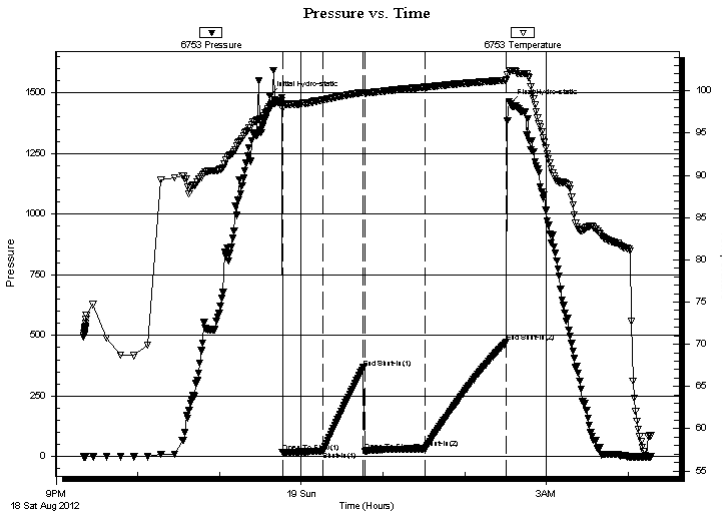
Last Calib.: 2012.08.19

Time On Btm: 2012.08.18 @ 23:36:30

Time Off Btm: 2012.08.19 @ 02:33:30

TEST COMMENT: IF-BOB in 13 min
ISI-No blow
FF-BOB in 1/2 min
FSI-No blow

PRESSURE SUMMARY



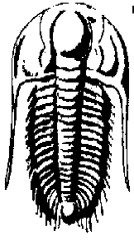
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1488.27	98.07	Initial Hydro-static
10	16.79	97.87	Open To Flow (1)
40	22.79	98.91	Shut-In(1)
69	366.99	99.81	End Shut-In(1)
70	21.67	99.73	Open To Flow (2)
115	32.92	100.43	Shut-In(2)
174	472.63	101.26	End Shut-In(2)
177	1454.35	102.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSGOCM 5%G 10%O 85%M	0.10
0.00	360ft GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48551

DST#: 1

ATTN: Josh Austin

Test Start: 2012.08.18 @ 21:20:00

GENERAL INFORMATION:

Formation: **KC "A-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:00

Time Test Ended: 04:16:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3012.00 ft (KB) To 3063.00 ft (KB) (TVD)

Reference Elevations: 1846.00 ft (KB)

Total Depth: 3063.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166

Inside

Press @ Run Depth: psig @ 3014.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.18

End Date:

2012.08.19

Last Calib.:

2012.08.19

Start Time: 21:20:05

End Time:

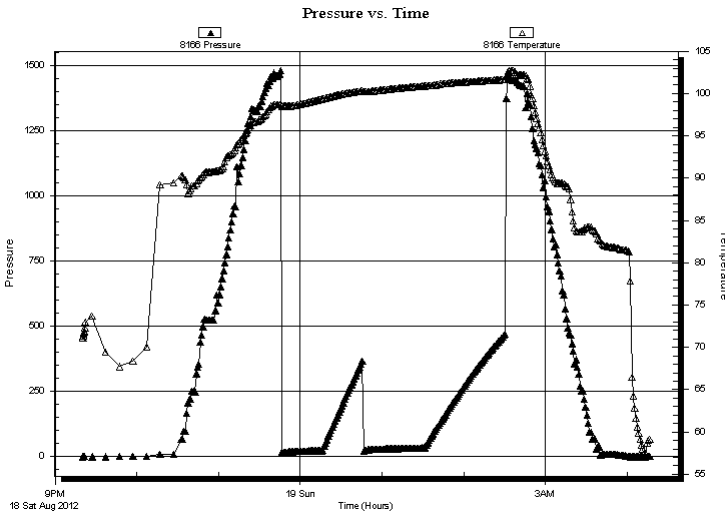
04:16:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-BOB in 13 min
ISI-No blow
FF-BOB in 1/2 min
FSI-No blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	VSGOCM 5%G 10%O 85%M	0.10
0.00	360ft GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48551

DST#: 1

ATTN: Josh Austin

Test Start: 2012.08.18 @ 21:20:00

Tool Information

Drill Pipe:	Length: 2896.00 ft	Diameter: 3.80 inches	Volume: 40.62 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	55000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	55000.00 lb
Drill Pipe Above KB:	24.00 ft			Final	55000.00 lb
Depth to Top Packer:	3012.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	71.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2993.00	
Shut In Tool	5.00			2998.00	
Hydraulic tool	5.00			3003.00	
Packer	4.00			3007.00	20.00 Bottom Of Top Packer
Packer	5.00			3012.00	
Stubb	1.00			3013.00	
Perforations	1.00			3014.00	
Recorder	0.00	8166	Inside	3014.00	
Recorder	0.00	6753	Outside	3014.00	
Change Over Sub	1.00			3015.00	
Blank Spacing	31.00			3046.00	
Change Over Sub	1.00			3047.00	
Perforations	13.00			3060.00	
Bullnose	3.00			3063.00	51.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48551

DST#: 1

ATTN: Josh Austin

Test Start: 2012.08.18 @ 21:20:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	VSGOCM 5%G 10%O 85%M	0.098
0.00	360ft GIP	0.000

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

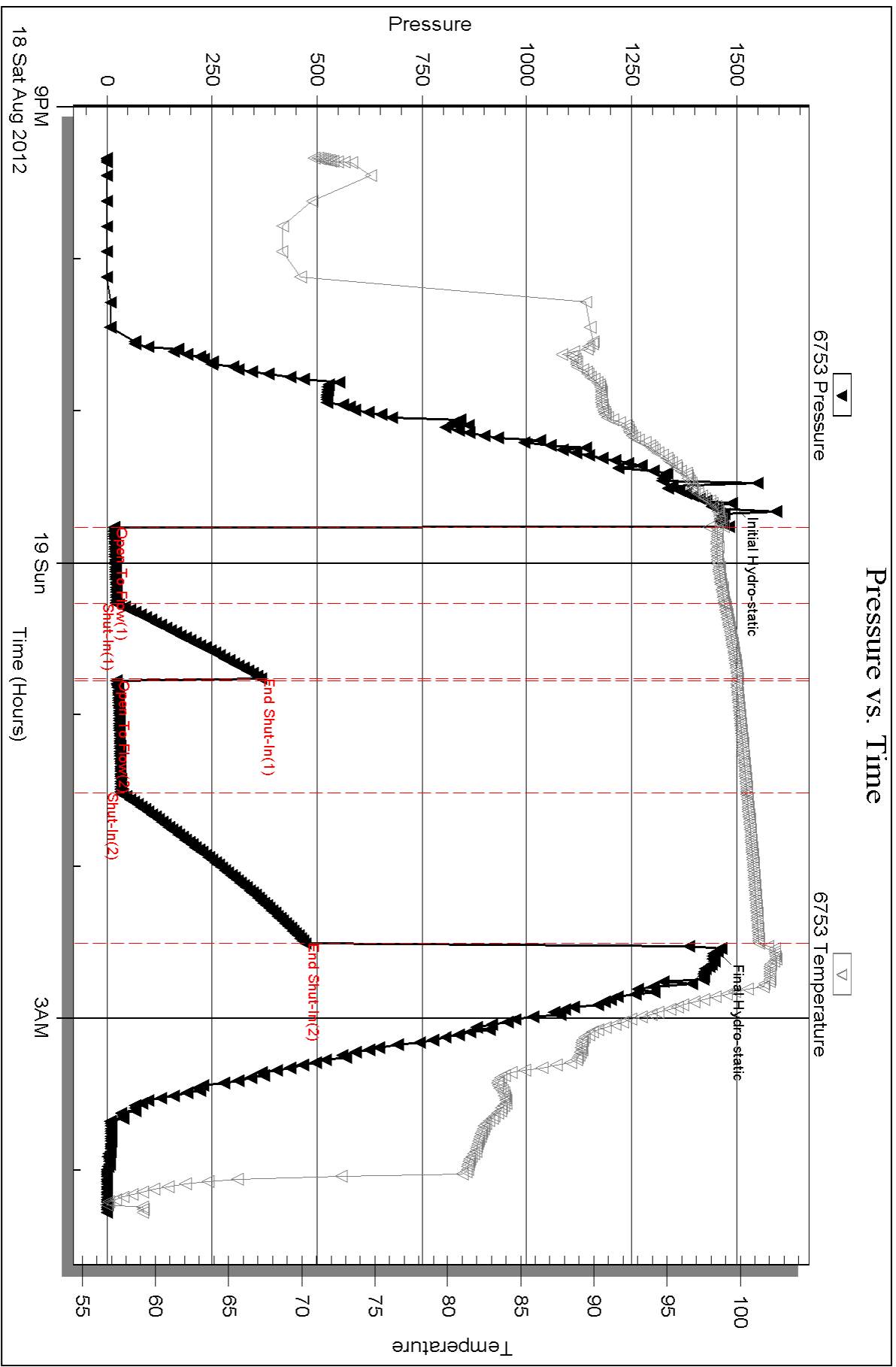
Recovery Comments:

Serial #: 6753

Outside Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 1



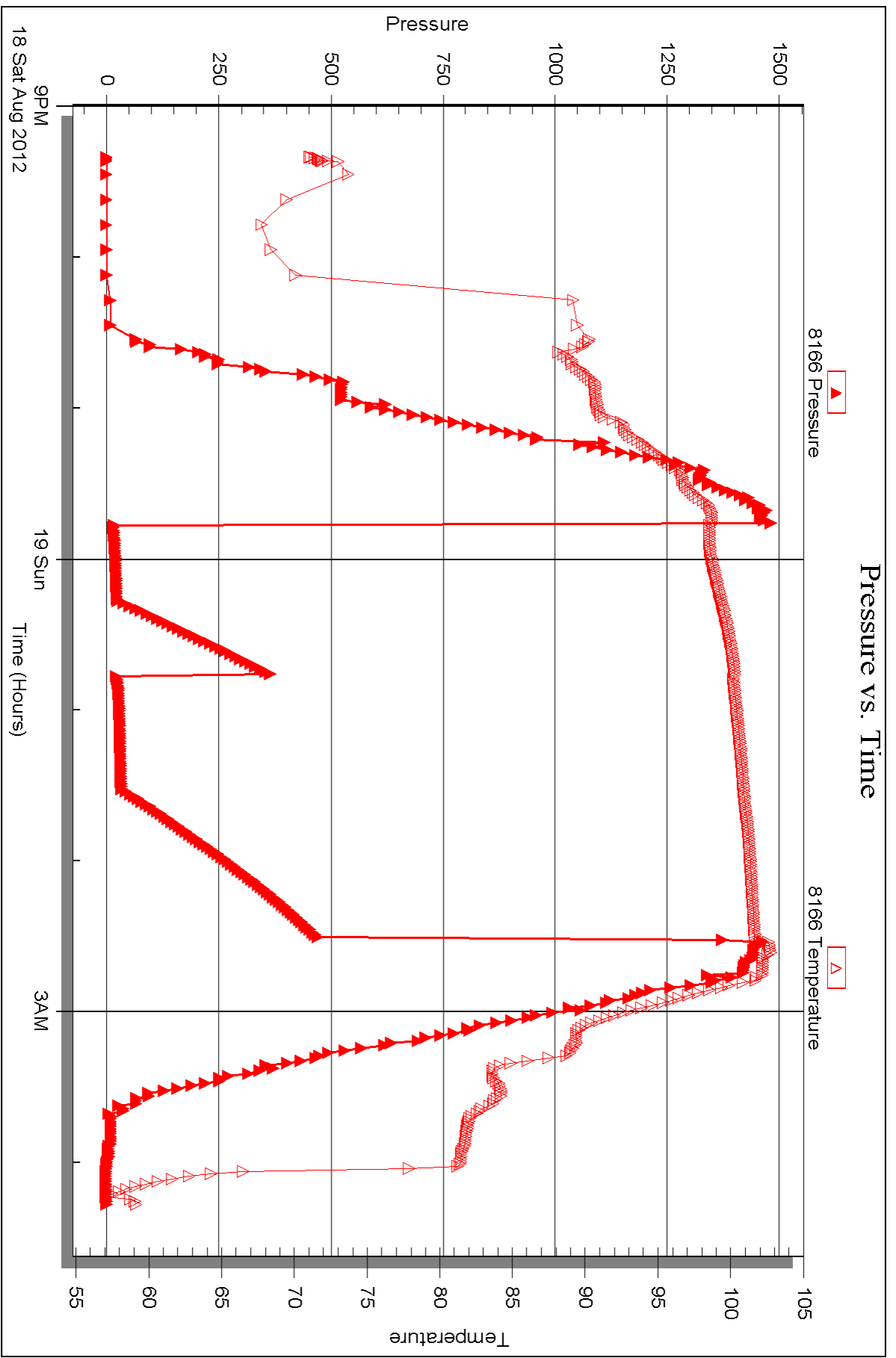
Serial #: 8166

Inside

Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48551

Printed: 2012.08.23 @ 15:50:23



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Soeken #12

22-17s-11w Barton,KS

Start Date: 2012.08.19 @ 10:55:00

End Date: 2012.08.19 @ 16:48:00

Job Ticket #: 48552 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.23 @ 16:17:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48552

DST#: 2

ATTN: Josh Austin

Test Start: 2012.08.19 @ 10:55:00

GENERAL INFORMATION:

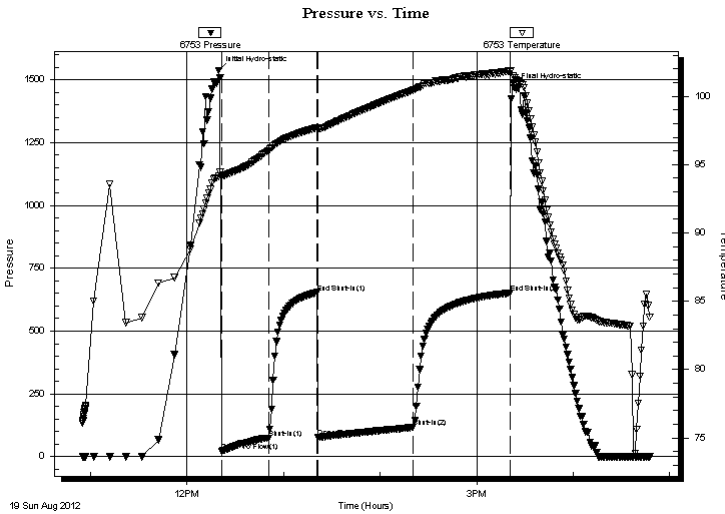
Formation: **KC"D-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:21:30
 Time Test Ended: 16:48:00
 Interval: **3063.00 ft (KB) To 3110.00 ft (KB) (TVD)**
 Total Depth: 3110.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1846.00 ft (KB)
 1841.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 116.78 psig @ 3065.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.19 End Date: 2012.08.19 Last Calib.: 2012.08.19
 Start Time: 10:55:05 End Time: 16:47:59 Time On Btm: 2012.08.19 @ 12:19:30
 Time Off Btm: 2012.08.19 @ 15:23:30

TEST COMMENT: IF-BOB in 27 min
 IS- No blow
 FF-9" blow
 FS- No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1536.65	94.14	Initial Hydro-static
2	19.98	94.18	Open To Flow (1)
31	73.84	96.04	Shut-In(1)
61	653.05	97.69	End Shut-In(1)
62	77.36	97.58	Open To Flow (2)
121	116.78	100.44	Shut-In(2)
181	651.68	101.76	End Shut-In(2)
184	1468.89	101.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
215.00	MCW 20%M 80%W	1.92

* 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.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48552

DST#: 2

ATTN: Josh Austin

Test Start: 2012.08.19 @ 10:55:00

GENERAL INFORMATION:

Formation: **KC"D-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:21:30

Time Test Ended: 16:48:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3063.00 ft (KB) To 3110.00 ft (KB) (TVD)

Reference Elevations: 1846.00 ft (KB)

Total Depth: 3110.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166

Inside

Press @ Run Depth: psig @ 3065.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.19

End Date: 2012.08.19

Last Calib.: 2012.08.19

Start Time: 10:55:05

End Time: 16:47:29

Time On Btm:

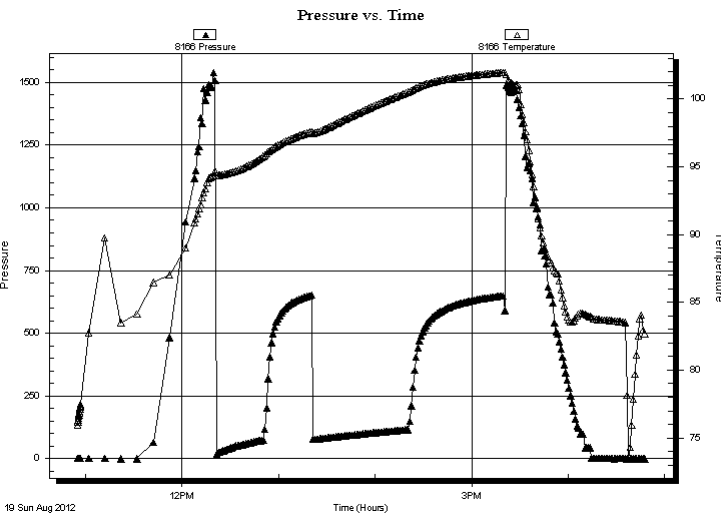
Time Off Btm:

TEST COMMENT: IF-BOB in 27 min

ISI-No blow

FF-9" blow

FSI-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
215.00	MCW 20%M 80%W	1.92

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48552

DST#: 2

ATTN: Josh Austin

Test Start: 2012.08.19 @ 10:55:00

Tool Information

Drill Pipe:	Length: 2958.00 ft	Diameter: 3.80 inches	Volume: 41.49 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3063.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	67.00 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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Change Over Sub	1.00			3044.00	
Shut In Tool	5.00			3049.00	
Hydraulic tool	5.00			3054.00	
Packer	4.00			3058.00	20.00 Bottom Of Top Packer
Packer	5.00			3063.00	
Stubb	1.00			3064.00	
Perforations	1.00			3065.00	
Recorder	0.00	8166	Inside	3065.00	
Recorder	0.00	6753	Outside	3065.00	
Change Over Sub	1.00			3066.00	
Blank Spacing	31.00			3097.00	
Change Over Sub	1.00			3098.00	
Perforations	9.00			3107.00	
Bullnose	3.00			3110.00	47.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48552

DST#: 2

ATTN: Josh Austin

Test Start: 2012.08.19 @ 10:55:00

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:

70000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
215.00	MCW 20%M 80%W	1.923

Total Length: 215.00 ft Total Volume: 1.923 bbl

Num Fluid Samples: 0

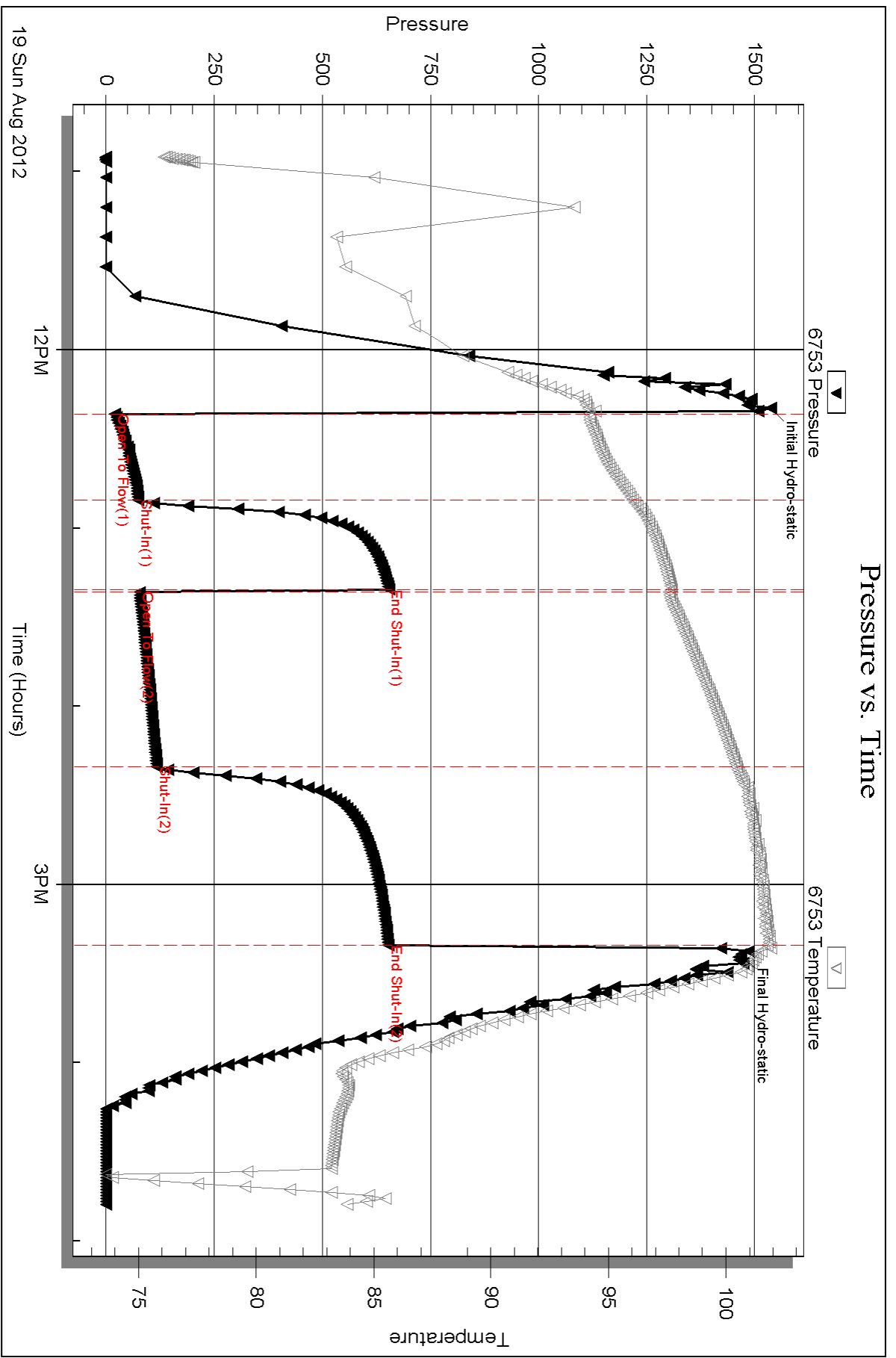
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .1 @ 75



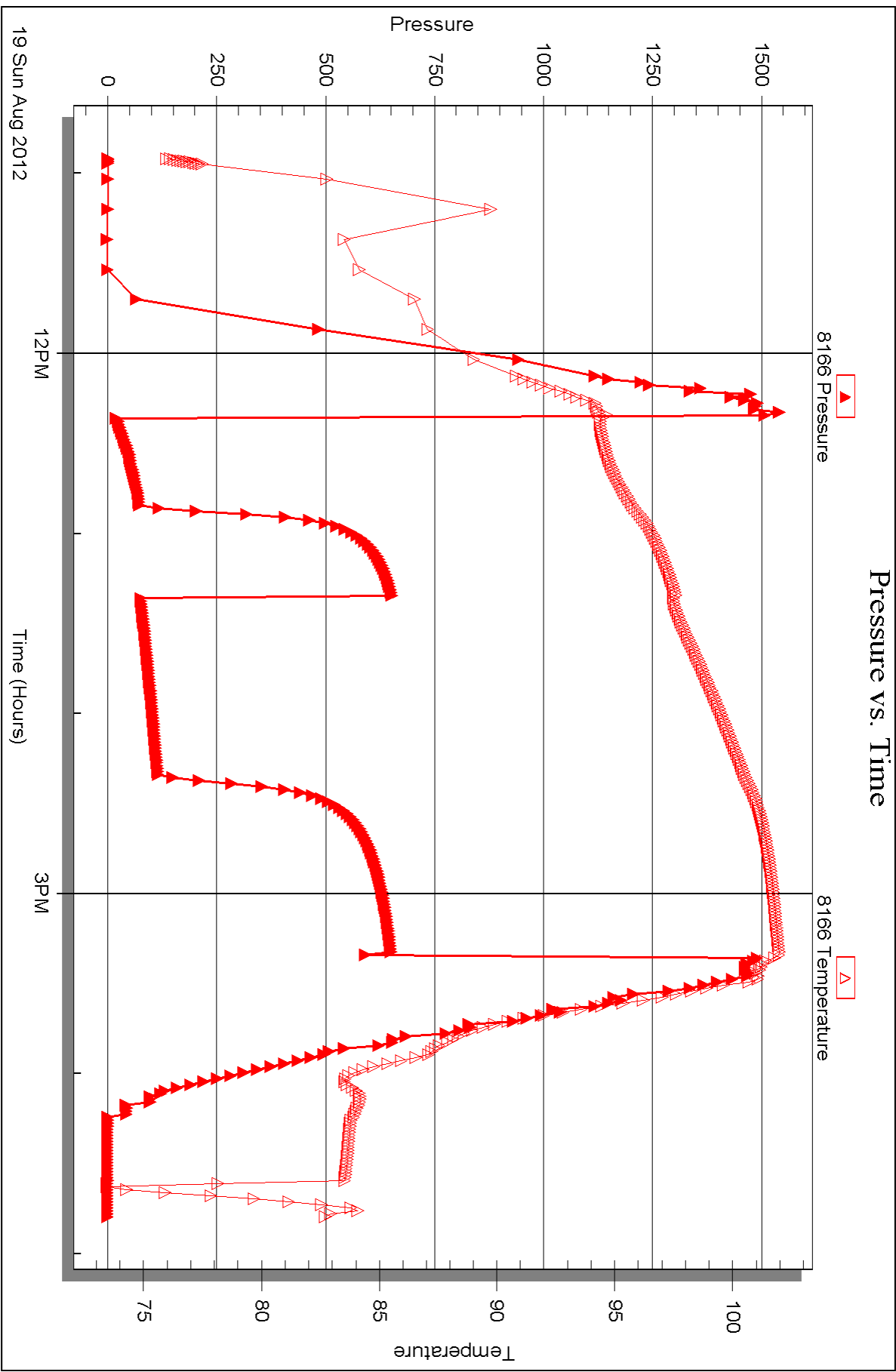
Serial #: 8166

Inside

Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Soeken #12

22-17s-11w Barton,KS

Start Date: 2012.08.20 @ 08:15:00

End Date: 2012.08.20 @ 13:14:00

Job Ticket #: 48553 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.23 @ 15:45:33

Blue Ridge Petroleum Corp. 22-17s-11w Barton,KS Soeken #12 DST # 3 KC "I-K" 2012.08.20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48553

DST#: 3

ATTN: Josh Austin

Test Start: 2012.08.20 @ 08:15:00

GENERAL INFORMATION:

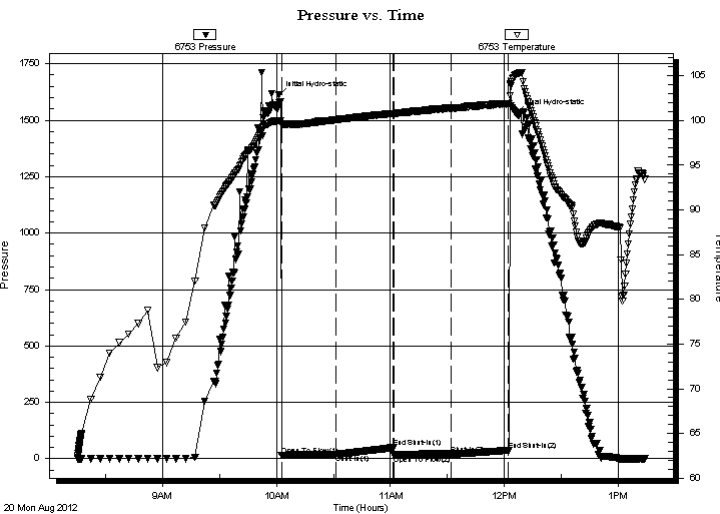
Formation: **KC "I-K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:02:30
 Time Test Ended: 13:14:00
 Interval: **3158.00 ft (KB) To 3247.00 ft (KB) (TVD)**
 Total Depth: 3247.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brett Dickinson
 Unit No: 59
 Reference Elevations: 1846.00 ft (KB)
 1841.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6753

Outside

Press @ Run Depth: 21.95 psig @ 3160.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.20 End Date: 2012.08.20 Last Calib.: 2012.08.20
 Start Time: 08:15:05 End Time: 13:13:59 Time On Btm: 2012.08.20 @ 10:01:00
 Time Off Btm: 2012.08.20 @ 12:06:30

TEST COMMENT: IF-very weak surface blow died in 27 min
 IS- No blow
 FF- No blow
 FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.54	100.00	Initial Hydro-static
2	15.33	99.56	Open To Flow (1)
31	21.21	100.10	Shut-In(1)
61	49.53	100.80	End Shut-In(1)
61	17.06	100.79	Open To Flow (2)
91	21.95	101.36	Shut-In(2)
121	37.21	101.86	End Shut-In(2)
126	1529.16	105.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* 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.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48553

DST#: 3

ATTN: Josh Austin

Test Start: 2012.08.20 @ 08:15:00

GENERAL INFORMATION:

Formation: **KC "I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:02:30

Time Test Ended: 13:14:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3158.00 ft (KB) To 3247.00 ft (KB) (TVD)

Reference Elevations: 1846.00 ft (KB)

Total Depth: 3247.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166 Inside

Press @ Run Depth: psig @ 3160.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.20 End Date: 2012.08.20

Last Calib.: 2012.08.20

Start Time: 08:17:35 End Time: 13:13:59

Time On Btm:

Time Off Btm:

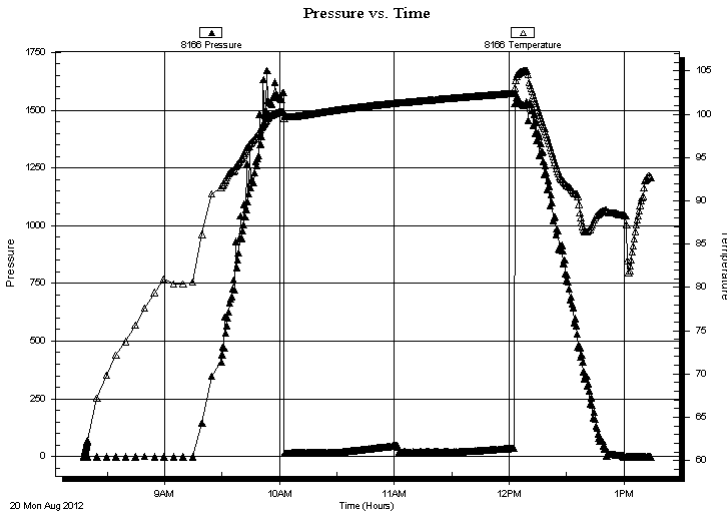
TEST COMMENT: IF-very weak surface blow died in 27 min

IS-No blow

FF-No blow

FS-No blow

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48553

DST#: 3

ATTN: Josh Austin

Test Start: 2012.08.20 @ 08:15:00

Tool Information

Drill Pipe:	Length: 3052.00 ft	Diameter: 3.80 inches	Volume: 42.81 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3158.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	89.00 ft				
Tool Length:	109.00 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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Change Over Sub	1.00			3139.00	
Shut In Tool	5.00			3144.00	
Hydraulic tool	5.00			3149.00	
Packer	4.00			3153.00	20.00 Bottom Of Top Packer
Packer	5.00			3158.00	
Stubb	1.00			3159.00	
Perforations	1.00			3160.00	
Recorder	0.00	8166	Inside	3160.00	
Recorder	0.00	6753	Outside	3160.00	
Change Over Sub	1.00			3161.00	
Blank Spacing	63.00			3224.00	
Change Over Sub	1.00			3225.00	
Perforations	19.00			3244.00	
Bullnose	3.00			3247.00	89.00 Bottom Packers & Anchor

Total Tool Length: 109.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48553

DST#: 3

ATTN: Josh Austin

Test Start: 2012.08.20 @ 08:15:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	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:

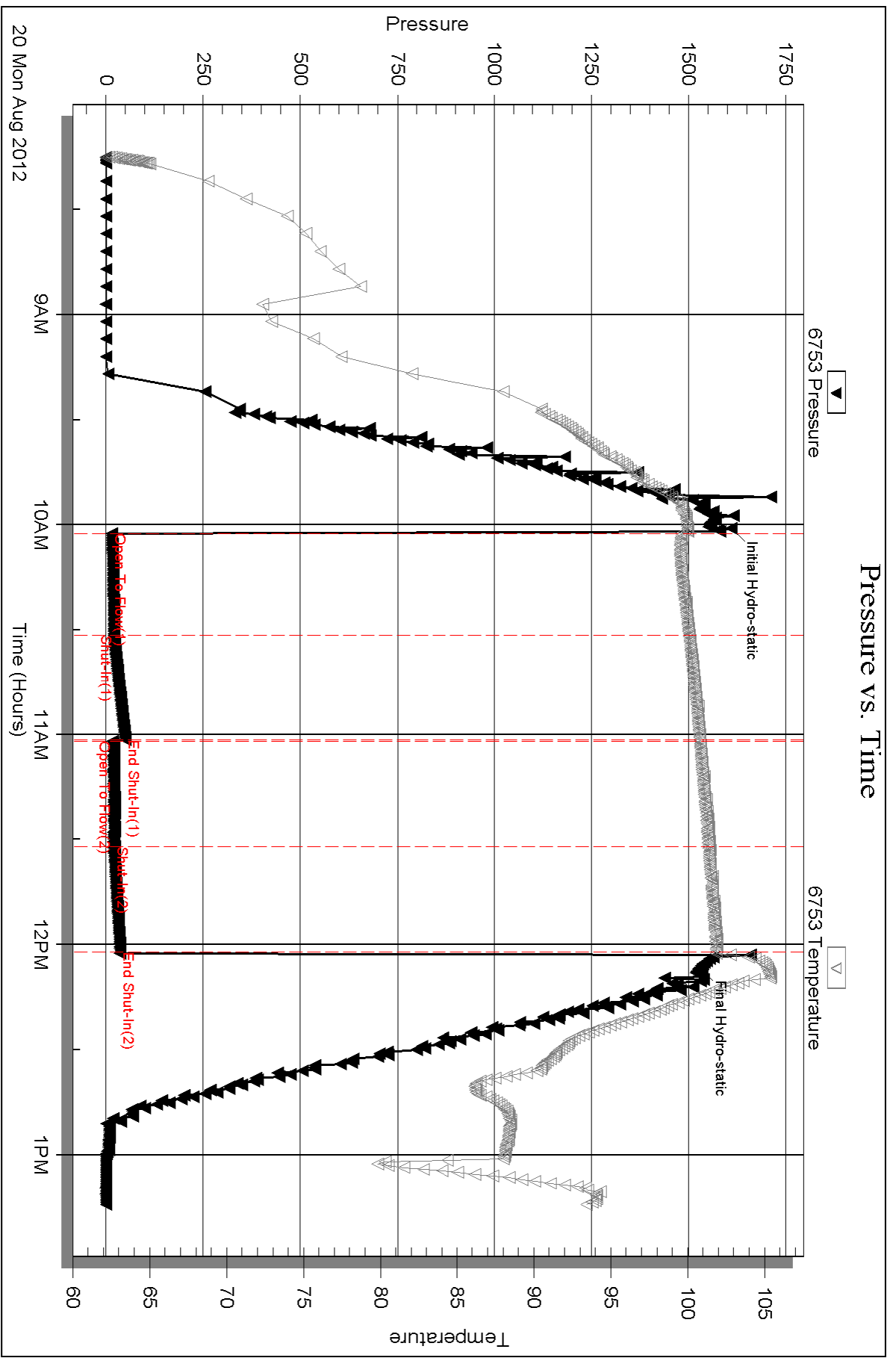
Recovery Comments:

Serial #: 6753

Outside Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 48553

Printed: 2012.08.23 @ 15:45:37

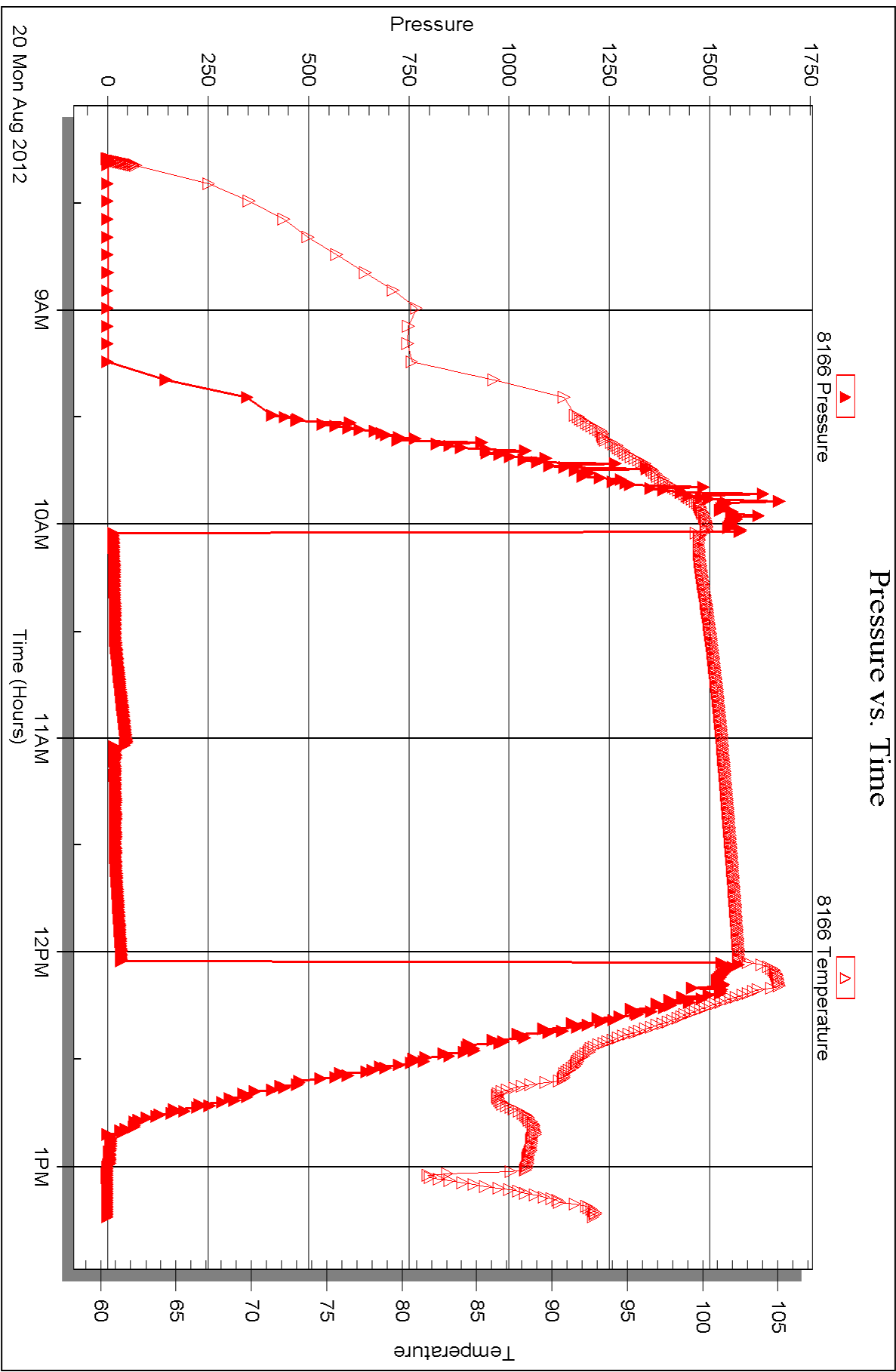
Serial #: 8166

Inside

Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 3





DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Josh Austin

Soeken #12

22-17s-11w Barton,KS

Start Date: 2012.08.20 @ 21:40:00

End Date: 2012.08.21 @ 05:31:30

Job Ticket #: 48554 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.23 @ 15:44:22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

22-17s-11w Barton, KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48554

DST#: 4

ATTN: Josh Austin

Test Start: 2012.08.20 @ 21:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:30

Time Test Ended: 05:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3250.00 ft (KB) To 3282.00 ft (KB) (TVD)

Reference Elevations: 1846.00 ft (KB)

Total Depth: 3282.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 541.55 psig @ 3252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.20

End Date: 2012.08.21

Last Calib.: 2012.08.21

Start Time: 21:40:05

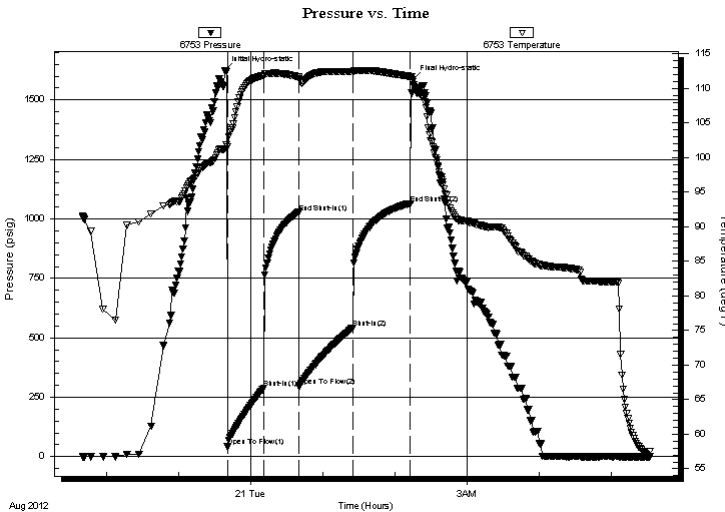
End Time: 05:31:29

Time On Btm: 2012.08.20 @ 23:38:30

Time Off Btm: 2012.08.21 @ 02:14:30

TEST COMMENT: IF-BOB in 2.5 min
ISI-1/4" blow
FF-BOB in 3 min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1624.08	101.27	Initial Hydro-static
2	41.87	101.58	Open To Flow (1)
32	288.54	111.88	Shut-In(1)
61	1027.48	111.65	End Shut-In(1)
62	296.21	111.33	Open To Flow (2)
106	541.55	112.46	Shut-In(2)
154	1064.25	111.74	End Shut-In(2)
156	1586.02	111.02	Final Hydro-static

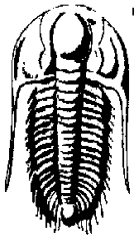
Recovery

Length (ft)	Description	Volume (bbl)
1485.00	GO 25%G 75%O	19.74
0.00	180ft GIP	0.00

* 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.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48554

DST#: 4

ATTN: Josh Austin

Test Start: 2012.08.20 @ 21:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:30

Time Test Ended: 05:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3250.00 ft (KB) To 3282.00 ft (KB) (TVD)

Reference Elevations: 1846.00 ft (KB)

Total Depth: 3282.00 ft (KB) (TVD)

1841.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8166 Inside

Press@RunDepth: psig @ 3252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.20 End Date: 2012.08.21

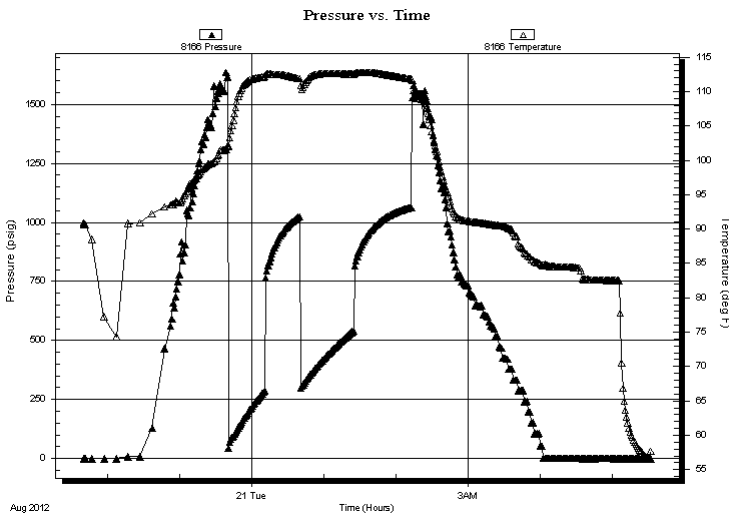
Last Calib.: 2012.08.21

Start Time: 21:40:05 End Time: 05:31:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-BOB in 2.5 min
ISI-1/4" blow
FF-BOB in 3 min
FSI-No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1485.00	GO 25%G 75%O	19.74
0.00	180ft GIP	0.00

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.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48554

DST#: 4

ATTN: Josh Austin

Test Start: 2012.08.20 @ 21:40:00

Tool Information

Drill Pipe:	Length: 3115.00 ft	Diameter: 3.80 inches	Volume: 43.70 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3250.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	32.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

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

Change Over Sub	1.00			3231.00	
Shut In Tool	5.00			3236.00	
Hydraulic tool	5.00			3241.00	
Packer	4.00			3245.00	20.00 Bottom Of Top Packer
Packer	5.00			3250.00	
Stubb	1.00			3251.00	
Perforations	1.00			3252.00	
Recorder	0.00	8166	Inside	3252.00	
Recorder	0.00	6753	Outside	3252.00	
Perforations	27.00			3279.00	
Bullnose	3.00			3282.00	32.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

22-17s-11w Barton,KS

PO Box 1913
Enid OK 73702

Soeken #12

Job Ticket: 48554

DST#: 4

ATTN: Josh Austin

Test Start: 2012.08.20 @ 21:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1485.00	GO 25%G 75%O	19.738
0.00	180ft GIP	0.000

Total Length: 1485.00 ft Total Volume: 19.738 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

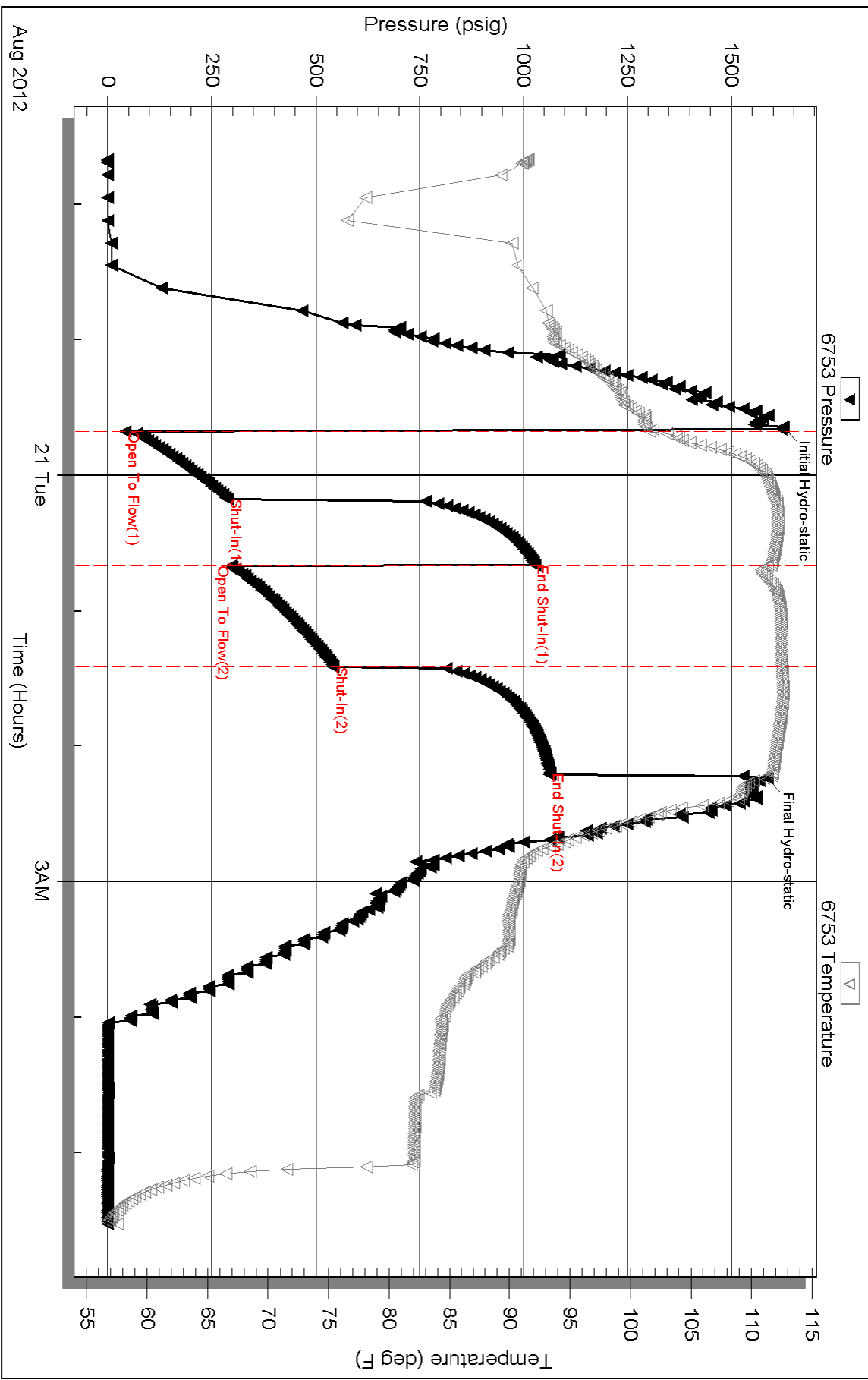
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



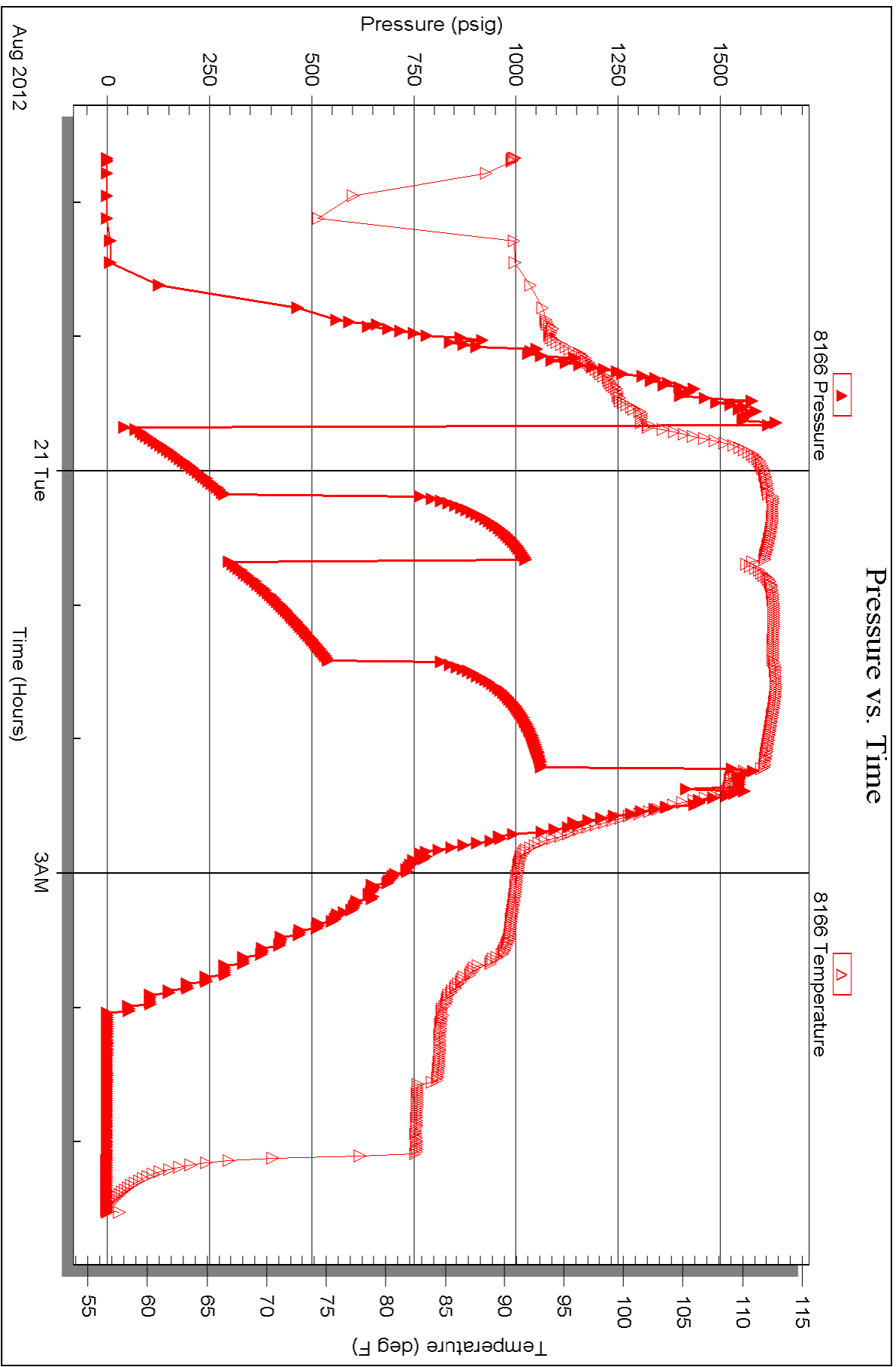
Serial #: 8166

Inside

Blue Ridge Petroleum Corp.

Soeken #12

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48551

Well Name & No. Soeken #12 Test No. 1 Date 8/18/12
 Company Blue Ridge Petroleum Corp Elevation 1846 KB 1841 GL
 Address PO Box 1913 ENID OK 73702
 Co. Rep / Geo. Josh Austin Rig Petro mark
 Location: Sec. 22 Twp. 12 Rge. 11 Co. Barton State KS

Interval Tested 3012 - 3063 Zone Tested KC" A-C"
 Anchor Length 51 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3007 Drill Collars Run 120 Vis 45
 Bottom Packer Depth 3012 Wt. Pipe Run — WL 8.8
 Total Depth 3063 Chlorides 5,000 ppm System LCM _____

Blow Description IF-BOB in 13min
FSI-NO blow
FF-BOB in 1/2min
FSI-NO blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>VS60CM</u>	<u>5</u>	<u>10</u>	<u>85</u>	<u>—</u>
Rec _____	Feet of <u>360ft GP</u>	%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 20 BHT 101 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1,488</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>20:20</u>
(B) First Initial Flow <u>17</u>	<input type="checkbox"/> Jars _____	T-Started <u>21:20</u>
(C) First Final Flow <u>23</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>23:45</u>
(D) Initial Shut-In <u>367</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2:30</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:15</u>
(F) Second Final Flow <u>33</u>	<input checked="" type="checkbox"/> Mileage <u>136rt</u> 210.80	Comments _____
(G) Final Shut-In <u>473</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1,454</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60

Sub Total 1360.80

MP/DST Disc't _____

Approved By _____ Our Representative Butt D...

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48552

Well Name & No. Soeken #12 Test No. 2 Date 8/19/12
 Company Blue Ridge Petroleum Corp Elevation 1846 KB 1841 GL
 Address PO Box 1913 Enid OK 73702
 Co. Rep / Geo. Josh Austin Rig Petromark
 Location: Sec. 22 Twp. 17 Rge. 11 Co. Barton State KS

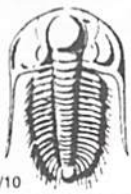
Interval Tested ~~3063-3110~~ 3063-3110 Zone Tested KC" D-F "
 Anchor Length 47 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3058 Drill Collars Run 120 Vis 45
 Bottom Packer Depth 3063 Wt. Pipe Run _____ WL 8.8
 Total Depth 3110 Chlorides 5,000 ppm System LCM _____
 Blow Description IF - BOB in 27min
FSI - NO blow
FF - 9in blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>215</u>	<u>Mcw</u>			<u>80%</u>	<u>20%</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 215 BHT 102 Gravity _____ API RW .1 @ 75 ° F Chlorides 70,000 ppm
 (A) Initial Hydrostatic 1537 Test 1150 T-On Location 10:45
 (B) First Initial Flow 20 Jars _____ T-Started 10:55
 (C) First Final Flow 24 Safety Joint _____ T-Open 12:20
 (D) Initial Shut-In 653 Circ Sub _____ T-Pulled 15:20
 (E) Second Initial Flow ~~77~~ 77 Hourly Standby _____ T-Out 16:50
 (F) Second Final Flow ~~117~~ 117 Mileage 136rt 210.80 Comments _____
 (G) Final Shut-In 652 Sampler _____
 (H) Final Hydrostatic 4469 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 60 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Accessibility _____
 Sub Total 1360.80 Sub Total _____
 Total 1360.80 MP/DST Disc't _____

Approved By _____ Our Representative _____

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48553

Well Name & No. Soeken #12 Test No. 3 Date 8/20/12
 Company Blue Ridge Petroleum Corp. Elevation 1846 KB 1841 GL
 Address PO Box 1913 Enid OK 73702
 Co. Rep / Geo. Jim Musgrave Rig Petramark
 Location: Sec. 22 Twp. 17 Rge. 11 Co. Barton State KS

Interval Tested 3158 - 3247 Zone Tested KC "I-K"
 Anchor Length 89 ft Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3153 Drill Collars Run 120 Vis 53
 Bottom Packer Depth 3158 Wt. Pipe Run — WL 88
 Total Depth 3247 Chlorides 5,800 ppm System LCM —
 Blow Description IF - Very weak surface blow died in 27 min
ISI - No blow
FF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mad</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 5 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,611 Test 1150 T-On Location 8:25
 (B) First Initial Flow 15 Jars _____ T-Started 8:15
 (C) First Final Flow 21 Safety Joint _____ T-Open 10:00
 (D) Initial Shut-In 50 Circ Sub _____ T-Pulled 12:00
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 13:10
 (F) Second Final Flow 22 Mileage 136.7 210.80 Comments _____
 (G) Final Shut-In 37 Sampler _____
 (H) Final Hydrostatic 1,529 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

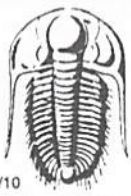
Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 50

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1360.80 Sub Total _____
 Total 1360.80 MP/DST Disc't _____

Approved By _____ Our Representative Butt D

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48554

Well Name & No. Soeken #12 Test No. 4 Date 8-20-12
 Company Blue Ridge Petroleum Corp. Elevation 1846 KB 1841 GL
 Address PO Box 1913 Enid OK 73702
 Co. Rep / Geo. Jim Musgrove Rig Petromark
 Location: Sec. 22 Twp. 17 Rge. 11 Co. Barton State KS

Interval Tested 3250-3282 Zone Tested Arb.
 Anchor Length 32 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth 3245 Drill Collars Run 120 Vis 53
 Bottom Packer Depth 3250 Wt. Pipe Run — WL 8.8
 Total Depth 3282 Chlorides 5,800 ppm System LCM —
 Blow Description IF - BOB in 2 1/2 min
FSI - 1/4 in blow
FF - BOB in 3 min
FSI -

Rec	Feet of	%gas	%oil	%water	%mud
<u>1485</u>	<u>60</u>	<u>25</u>	<u>85</u>		
Rec	Feet of <u>180-ft G2P</u>	%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 1485 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,624 Test 1150 T-On Location 21:30
 (B) First Initial Flow 42 Jars _____ T-Started 21:40
 (C) First Final Flow 289 Safety Joint _____ T-Open 23:45
 (D) Initial Shut-In 1,029 Circ Sub _____ T-Pulled 2:15
 (E) Second Initial Flow 296 Hourly Standby _____ T-Out 5:30
 (F) Second Final Flow 542 Mileage 136-RT 210.80 Comments _____
 (G) Final Shut-In 1,064 Sampler _____
 (H) Final Hydrostatic 1,586 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1360.80
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1360.80

Approved By _____

Our Representative Butt Dickman

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.