



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.16 @ 12:51:00

End Date: 2014.06.16 @ 19:56:30

Job Ticket #: 58315 DST #: 1

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

Printed: 2014.06.27 @ 09:19:30

Blue Ridge Petroleum Corp.

11-3S-29W Decatur,KS

Thompson-Smith #4-11

DST # 1

LKC - 'B'

2014.06.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

ATTN: Jim Musgrove

Job Ticket: 58315

DST#: 1

Test Start: 2014.06.16 @ 12:51:00

GENERAL INFORMATION:

Formation: **LKC - 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:15:45

Time Test Ended: 19:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher/Blake H

Unit No: #54

Interval: 3600.00 ft (KB) To 3620.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3620.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753

Inside

Press@RunDepth: 104.32 psig @ 3601.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.16

End Date: 2014.06.16

Last Calib.: 2014.06.16

Start Time: 12:51:05

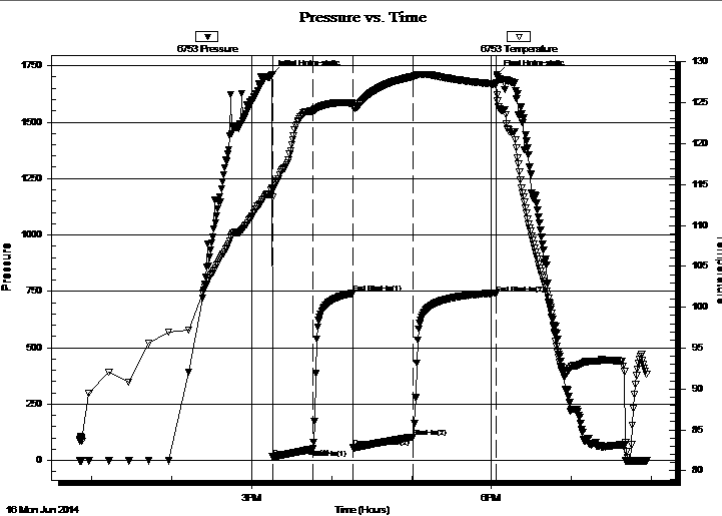
End Time: 19:56:29

Time On Btm: 2014.06.16 @ 15:15:30

Time Off Btm: 2014.06.16 @ 18:04:15

TEST COMMENT: 30 - IF - Surface blow built to bottom of bucket in 15 mins
30 - ISI - Return built to 1/4"
45 - FF - Surface blow built to bottom of bucket in 17 mins
60 - FSI - Return built to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.78	114.65	Initial Hydro-static
1	16.01	113.44	Open To Flow (1)
31	51.75	124.02	Shut-In(1)
61	741.32	124.93	End Shut-In(1)
61	57.47	124.51	Open To Flow (2)
106	104.32	128.23	Shut-In(2)
168	739.92	127.28	End Shut-In(2)
169	1711.71	125.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OCMW - 10M - 85W - 5o	0.88
63.00	OCWM - 35M - 35W - 30o	0.88
94.00	Free Oil - 100o	1.32
0.00	346 - 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.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58315

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.06.16 @ 12:51:00

Tool Information

Drill Pipe:	Length: 3602.02 ft	Diameter: 3.80 inches	Volume: 50.53 bbl	Tool Weight: 2500.00 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: 72000.00 lb
			<u>Total Volume: 50.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.02 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3600.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	39.00 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			3586.00	
Hydraulic tool	5.00			3591.00	
Packer	4.00			3595.00	19.00 Bottom Of Top Packer
Packer	5.00			3600.00	
Stubb	1.00			3601.00	
Recorder	0.00	8368	Inside	3601.00	
Recorder	0.00	6753	Inside	3601.00	
Perforations	15.00			3616.00	
Bullnose	4.00			3620.00	20.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58315

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.06.16 @ 12:51:00

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:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	OCMW - 10M - 85W - 5o	0.884
63.00	OCWM - 35M - 35W - 30o	0.884
94.00	Free Oil - 100o	1.319
0.00	346 - GIP	0.000

Total Length: 220.00 ft

Total Volume: 3.087 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

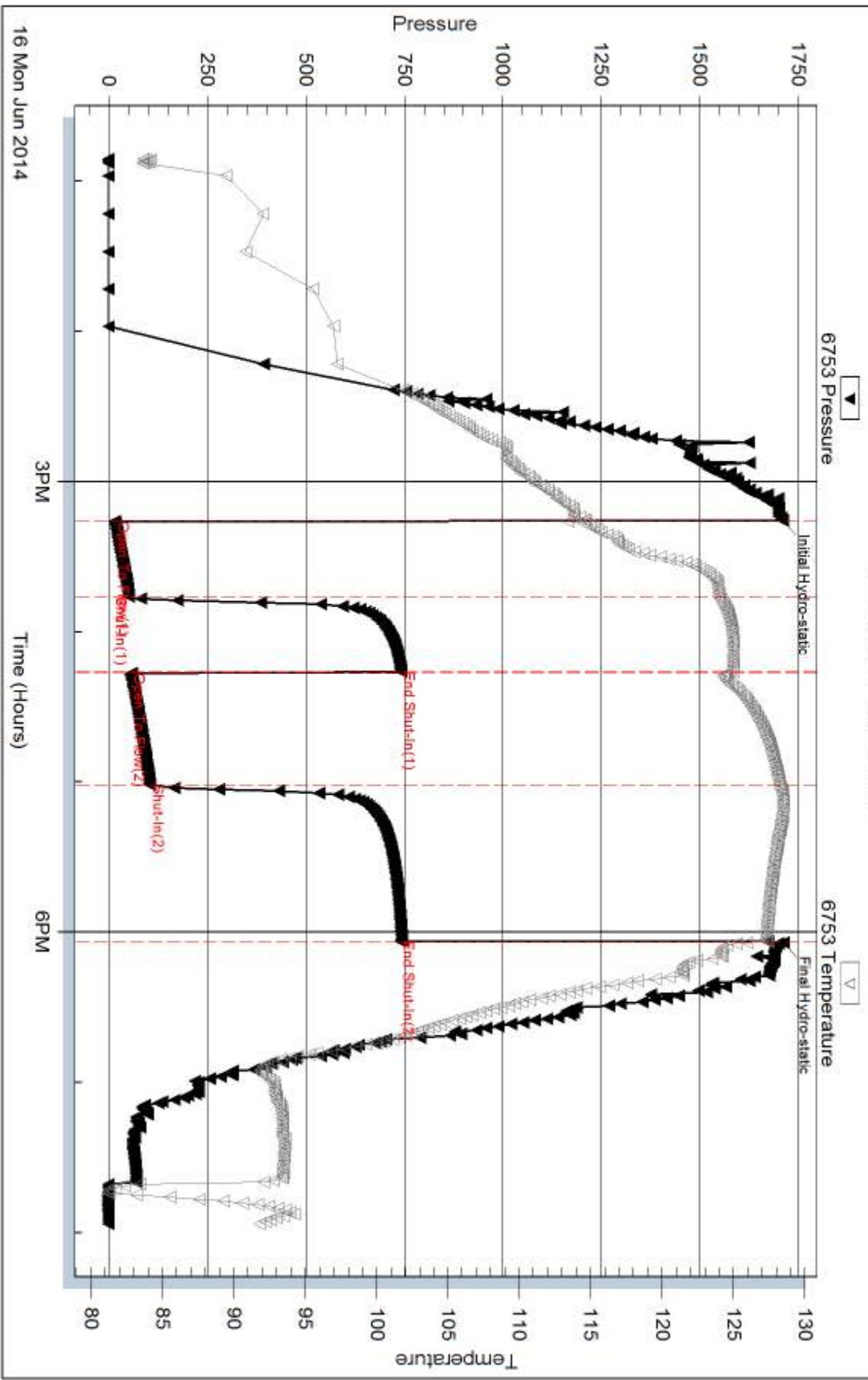
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



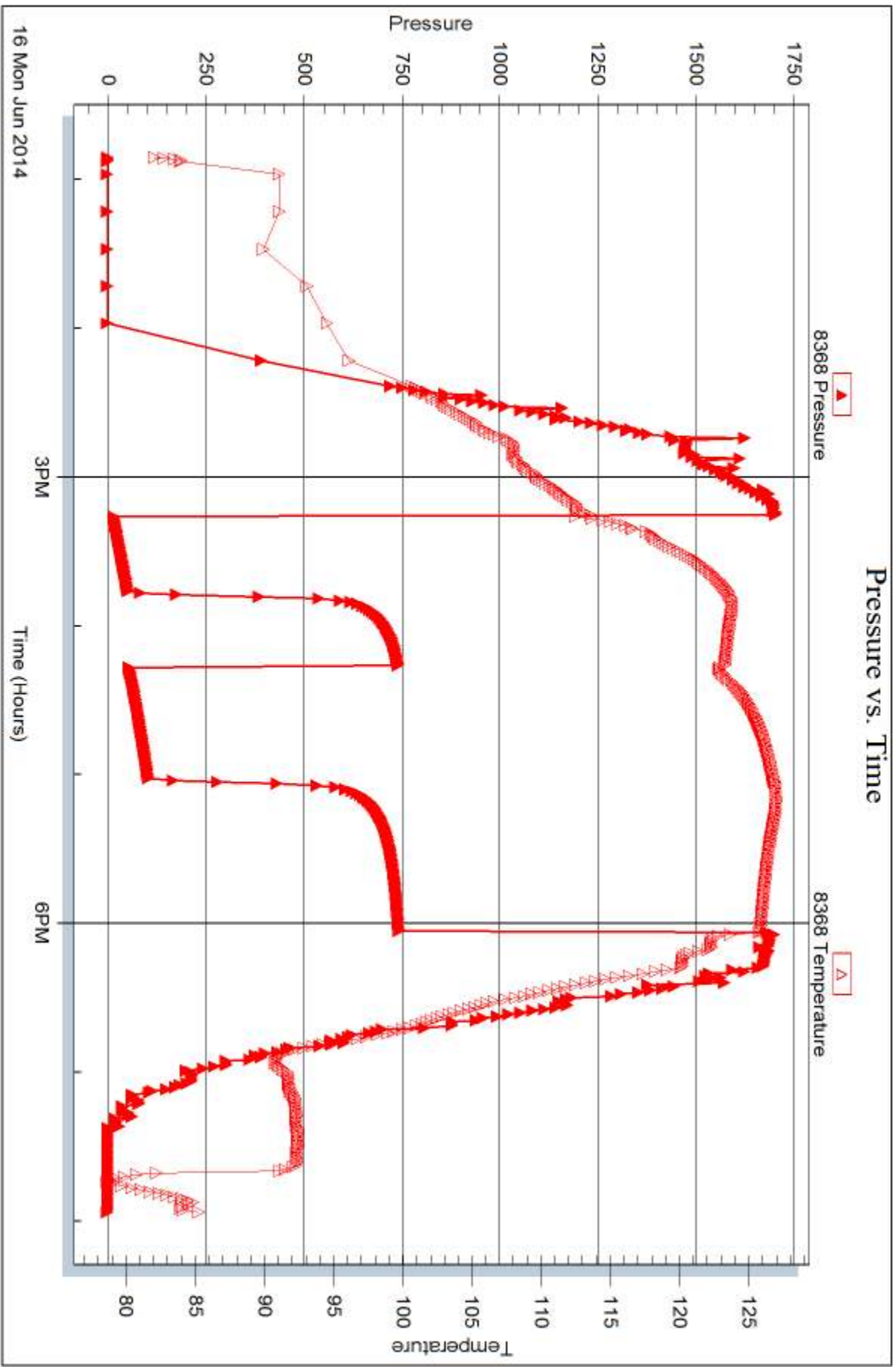
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 1



16 Mon Jun 2014

3PM

Time (Hours)

6PM



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.17 @ 04:18:05

End Date: 2014.06.17 @ 11:12:44

Job Ticket #: 58316 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.27 @ 09:18:51

Blue Ridge Petroleum Corp.

11-3S-29W Decatur,KS

Thompson-Smith #4-11

DST # 2

LKC - "C"

2014.06.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

GENERAL INFORMATION:

Formation: **LKC - "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:20:45

Time Test Ended: 11:12:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3620.00 ft (KB) To 3650.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3650.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8368

Inside

Press@RunDepth: 35.86 psig @ 3621.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date:

2014.06.17

Last Calib.:

2014.06.17

Start Time: 04:18:05

End Time:

11:12:44

Time On Btm:

2014.06.17 @ 06:20:00

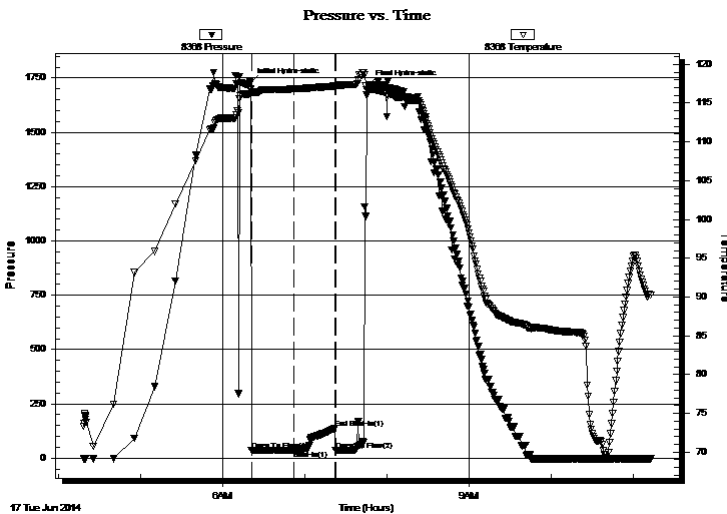
Time Off Btm:

2014.06.17 @ 07:46:45

TEST COMMENT: 30 - IF - Started with weak surface blow died after 15 minutes.

30 - ISI - No return

Packer failure at the end of the second Flow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.60	116.77	Initial Hydro-static
1	34.61	116.44	Open To Flow (1)
32	35.86	116.85	Shut-In(1)
62	139.03	117.20	End Shut-In(1)
63	36.00	117.15	Open To Flow (2)
87	1721.21	116.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

Tool Information

Drill Pipe:	Length: 3634.04 ft	Diameter: 3.80 inches	Volume: 50.98 bbl	Tool Weight: 2500.00 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: 72000.00 lb
			<u>Total Volume: 50.98 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	33.04 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3620.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Packer Failure

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3606.00	
Hydraulic tool	5.00			3611.00	
Packer	4.00			3615.00	19.00 Bottom Of Top Packer
Packer	5.00			3620.00	
Stubb	1.00			3621.00	
Recorder	0.00	8368	Inside	3621.00	
Recorder	0.00	6753	Inside	3621.00	
Perforations	25.00			3646.00	
Bullnose	4.00			3650.00	30.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length:

ft

Total Volume:

bbbl

Num Fluid Samples: 0

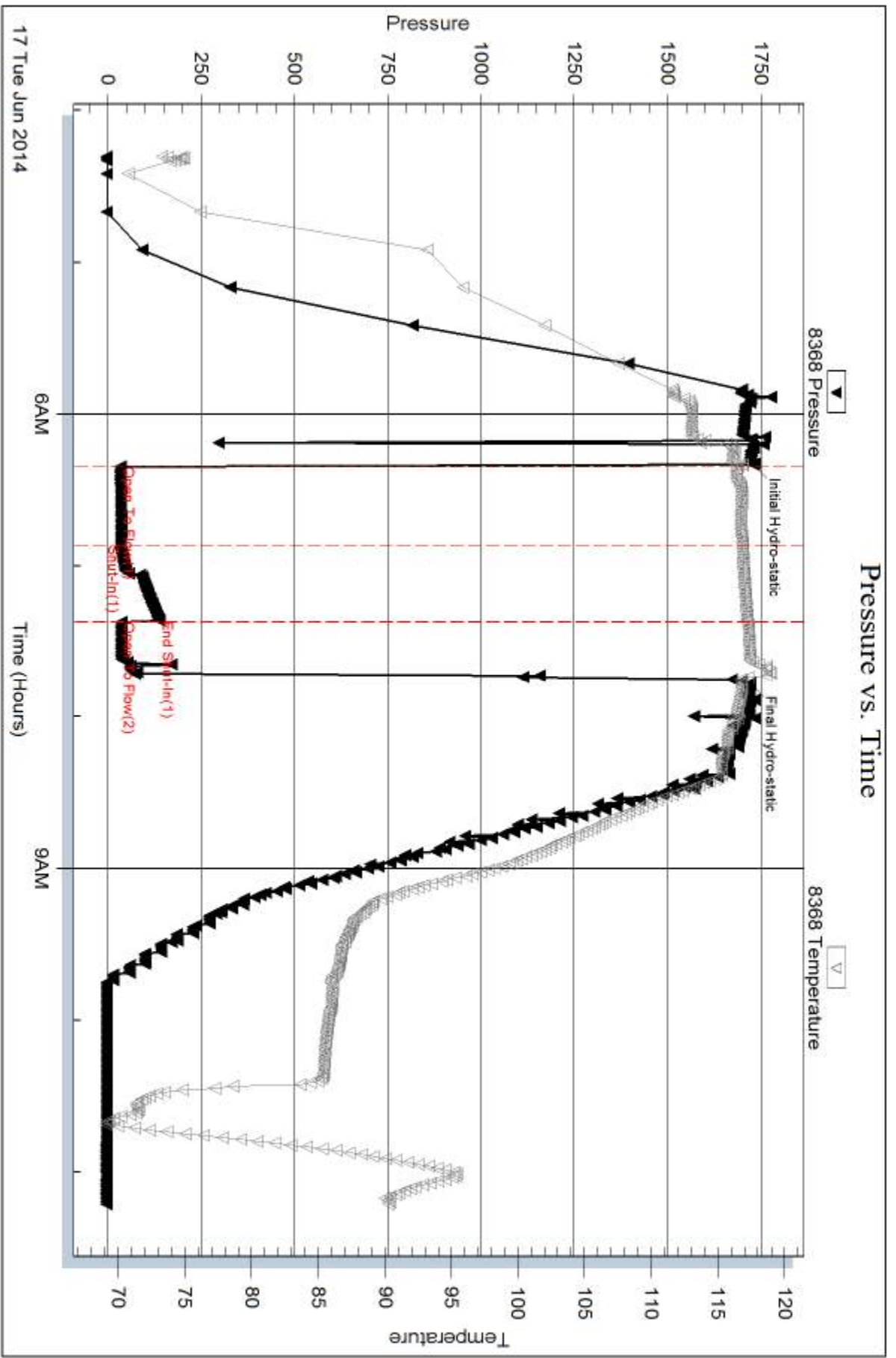
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



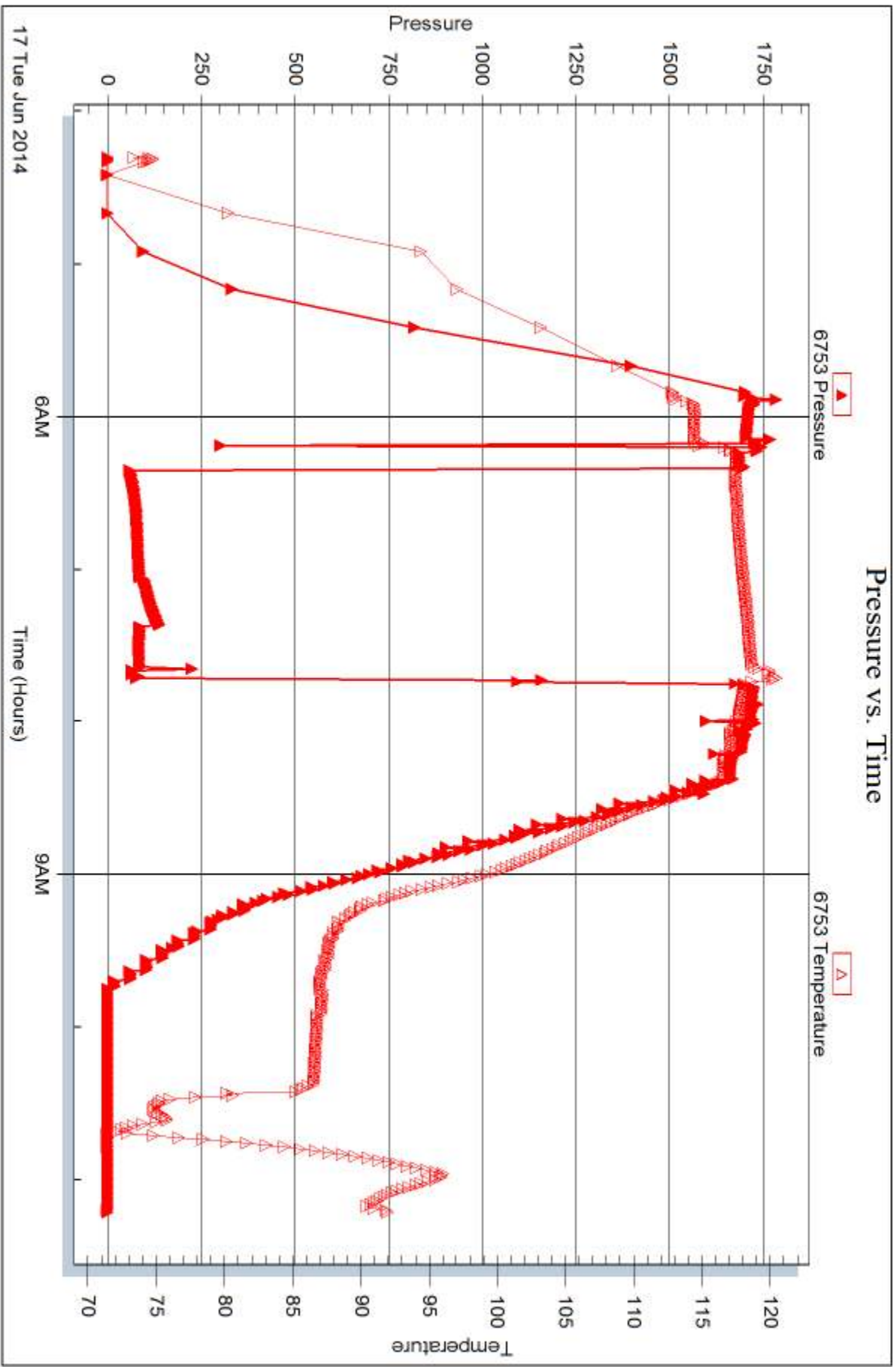
Serial #: 6753

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.17 @ 20:58:00

End Date: 2014.06.18 @ 02:52:30

Job Ticket #: 58317 DST #: 3

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

Printed: 2014.06.27 @ 09:18:21

Blue Ridge Petroleum Corp.

11-3S-29W Decatur,KS

Thompson-Smith #4-11

DST # 3

LKC "C"

2014.06.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:30

Time Test Ended: 02:52:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 54

Interval: 3617.00 ft (KB) To 3650.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3650.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753

Inside

Press@RunDepth: 47.49 psig @ 3618.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date:

2014.06.18

Last Calib.:

2014.06.18

Start Time: 20:58:05

End Time:

02:52:29

Time On Btm:

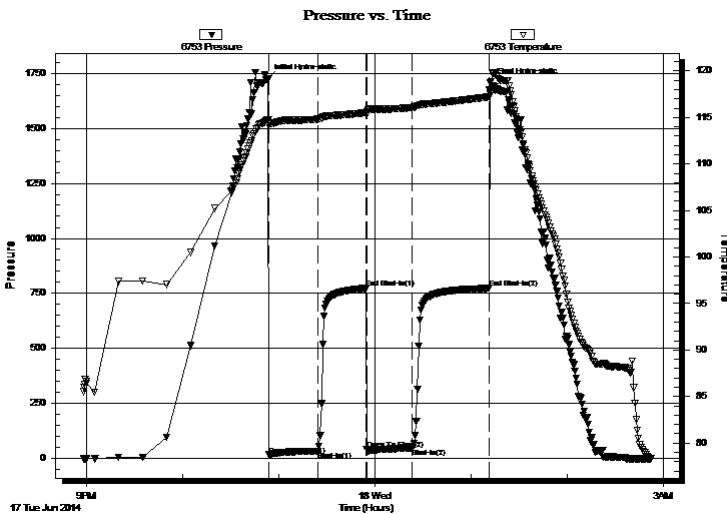
2014.06.17 @ 22:53:15

Time Off Btm:

2014.06.18 @ 01:11:45

TEST COMMENT: 30 - IF - Bubbled w hen set tool, then no surface blow
30 - ISI - No Return
30 - FF - Weak surface blow started ten minutes into and built to 1 1/2"
45 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1725.51	114.75	Initial Hydro-static
1	16.47	114.10	Open To Flow (1)
31	34.05	114.82	Shut-In(1)
61	772.95	115.52	End Shut-In(1)
62	42.99	115.34	Open To Flow (2)
90	47.49	116.08	Shut-In(2)
138	773.23	117.23	End Shut-In(2)
139	1707.09	117.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	MW - 10M - 90W	0.95

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

Tool Information

Drill Pipe:	Length: 3602.67 ft	Diameter: 3.80 inches	Volume: 50.54 bbl	Tool Weight: 2500.00 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: 80000.00 lb
			<u>Total Volume: 50.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.67 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3617.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	52.00 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			3603.00	
Hydraulic tool	5.00			3608.00	
Packer	4.00			3612.00	19.00 Bottom Of Top Packer
Packer	5.00			3617.00	
Stubb	1.00			3618.00	
Recorder	0.00	8368	Inside	3618.00	
Recorder	0.00	6753	Inside	3618.00	
Perforations	28.00			3646.00	
Bullnose	4.00			3650.00	33.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

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:

41000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
68.00	MW - 10M - 90W	0.954

Total Length: 68.00 ft Total Volume: 0.954 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

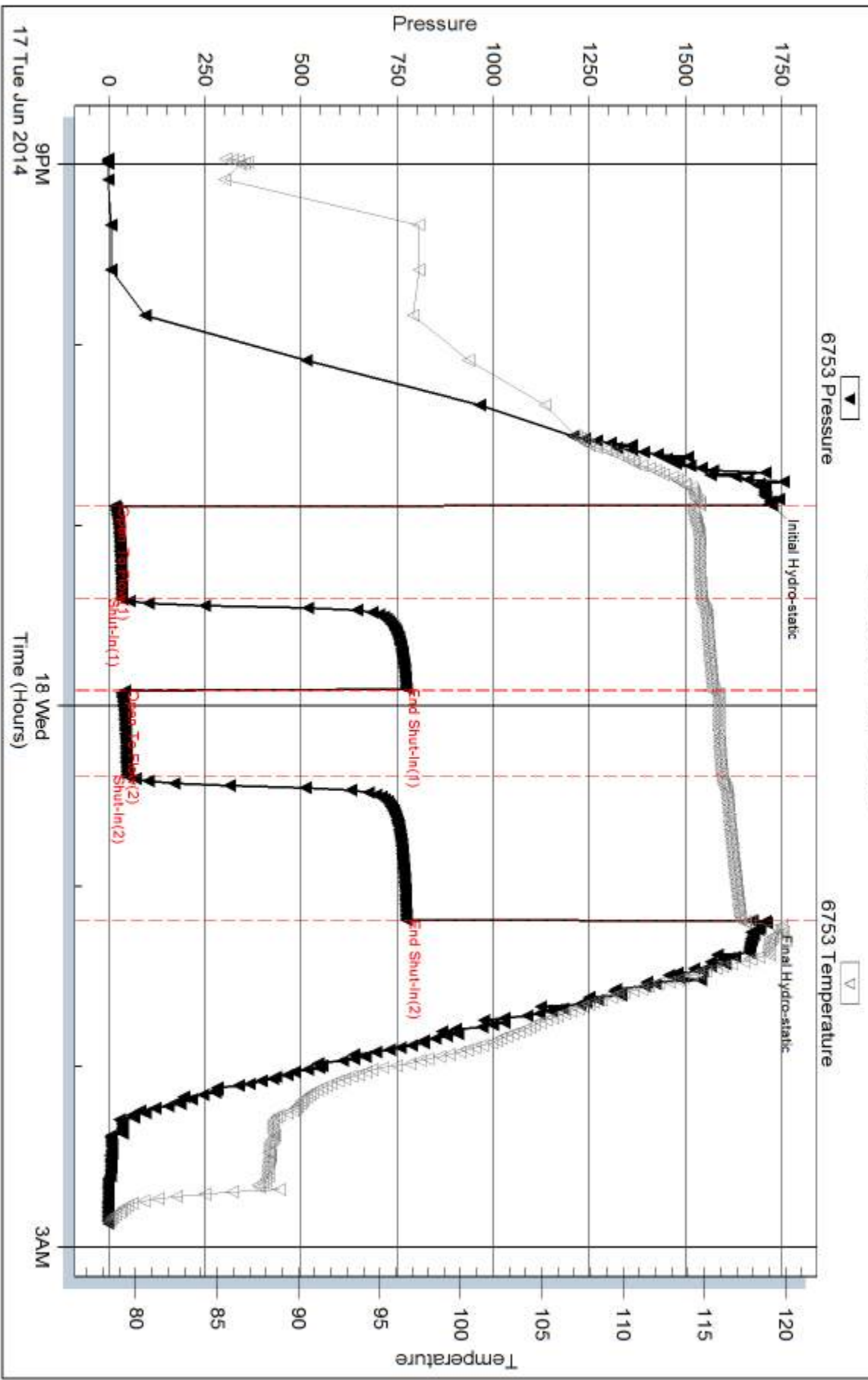
Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 58317

Printed: 2014.06.27 @ 09:18:22

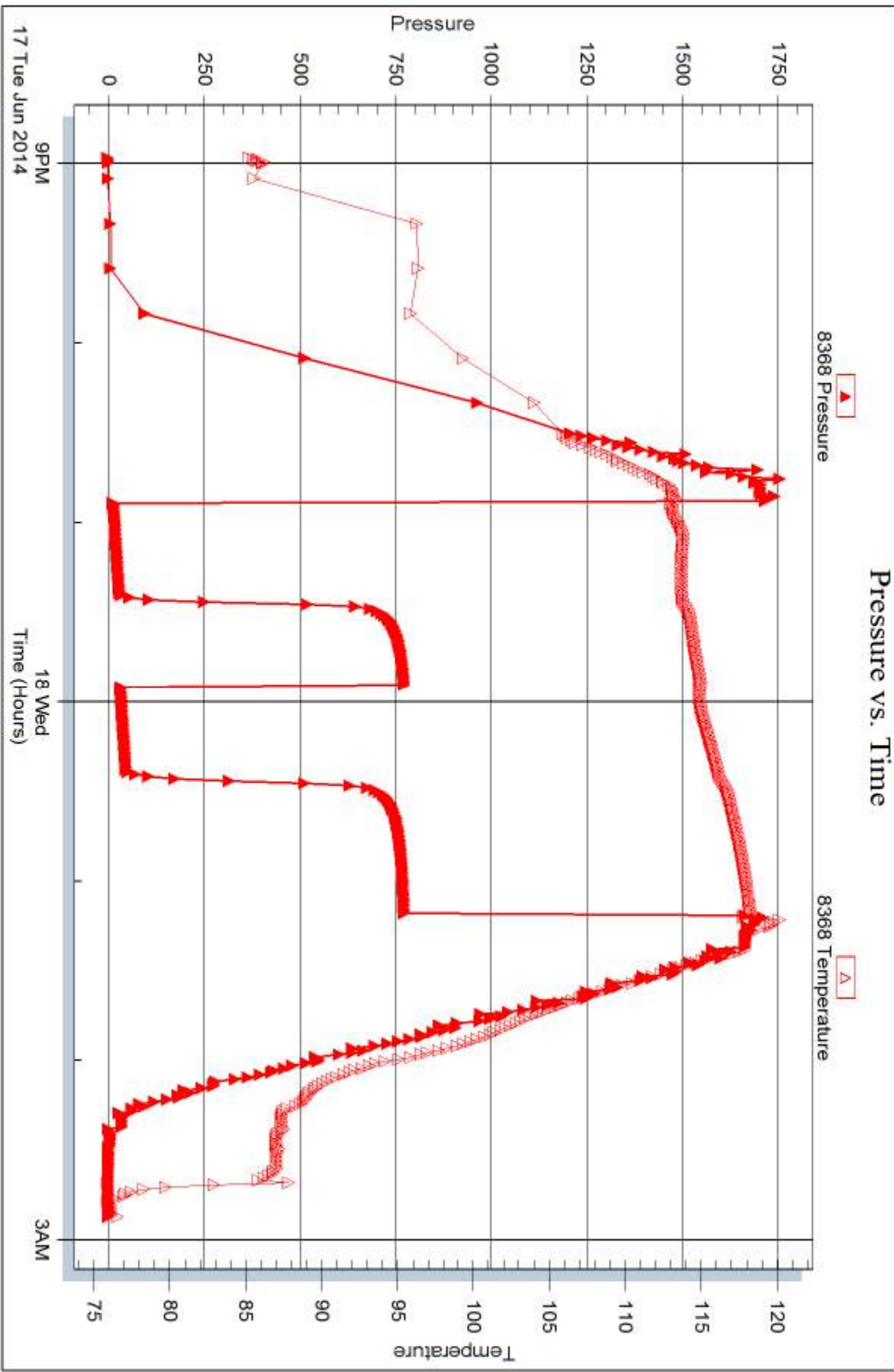
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58317

Printed: 2014.06.27 @ 09:18:23



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.18 @ 14:13:05

End Date: 2014.06.18 @ 23:23:30

Job Ticket #: 58318 DST #: 4

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

Printed: 2014.06.27 @ 09:16:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

ATTN: Jim Musgrove

Job Ticket: 58318

DST#: 4

Test Start: 2014.06.18 @ 14:13:05

GENERAL INFORMATION:

Formation: **LKC "E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:15

Time Test Ended: 23:23:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 54

Interval: 3658.00 ft (KB) To 3700.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3700.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753 Inside

Press@RunDepth: 15.70 psig @ 3659.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.18 End Date: 2014.06.18

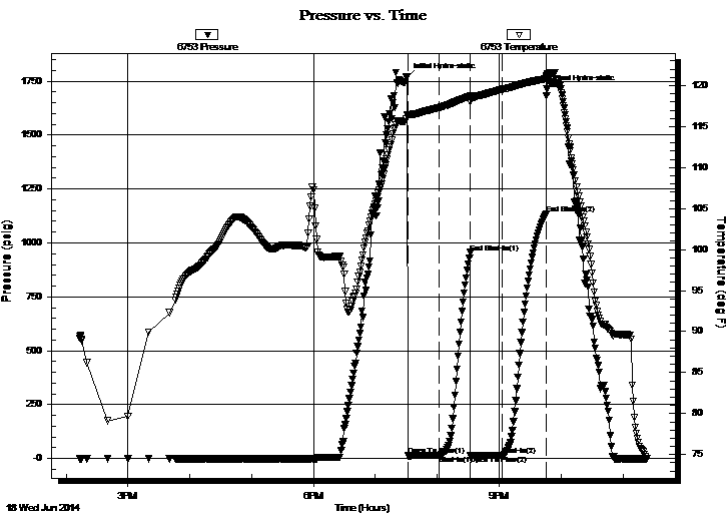
Last Calib.: 2014.06.18

Start Time: 14:13:05 End Time: 23:23:30

Time On Btm: 2014.06.18 @ 19:30:45

Time Off Btm: 2014.06.18 @ 21:46:14

TEST COMMENT: 30 - IF - Weak surface blow
30 - ISI - No Return
30 - FF - No surface blow
45 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.01	116.40	Initial Hydro-static
1	12.97	116.25	Open To Flow (1)
32	14.44	117.30	Shut-In(1)
62	956.07	118.69	End Shut-In(1)
62	13.38	118.05	Open To Flow (2)
93	15.70	119.53	Shut-In(2)
135	1135.10	120.83	End Shut-In(2)
136	1712.85	121.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	MUD - 100M	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58318

DST#: 4

ATTN: Jim Musgrove

Test Start: 2014.06.18 @ 14:13:05

Tool Information

Drill Pipe:	Length: 3665.63 ft	Diameter: 3.80 inches	Volume: 51.42 bbl	Tool Weight: 2500.00 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: 70000.00 lb
			<u>Total Volume: 51.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.63 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3658.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	61.00 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			3644.00	
Hydraulic tool	5.00			3649.00	
Packer	4.00			3653.00	19.00 Bottom Of Top Packer
Packer	5.00			3658.00	
Stubb	1.00			3659.00	
Recorder	0.00	8368	Inside	3659.00	
Recorder	0.00	6753	Inside	3659.00	
Perforations	37.00			3696.00	
Bullnose	4.00			3700.00	42.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58318

DST#: 4

ATTN: Jim Musgrove

Test Start: 2014.06.18 @ 14:13:05

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	MUD - 100M	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

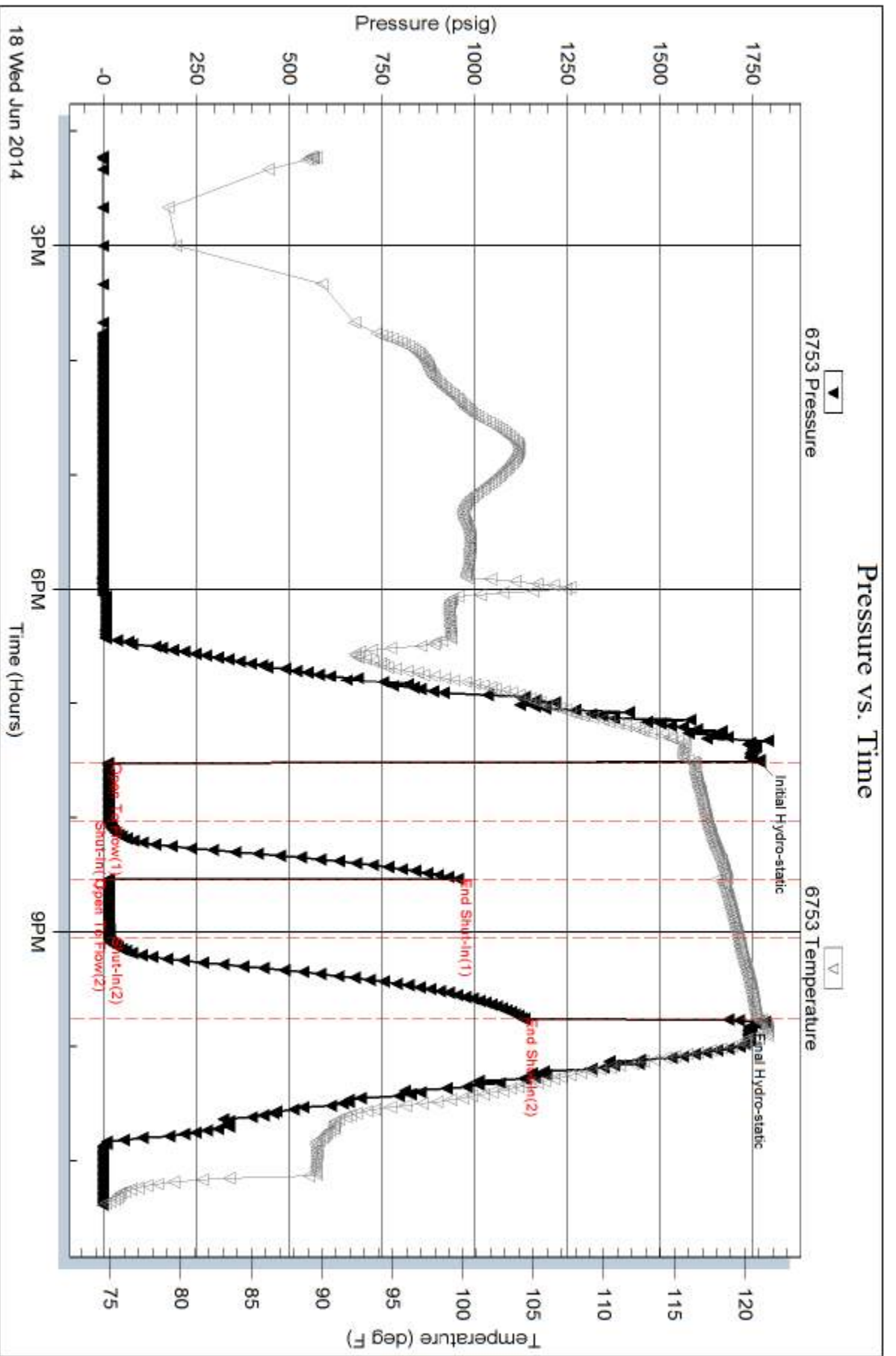
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



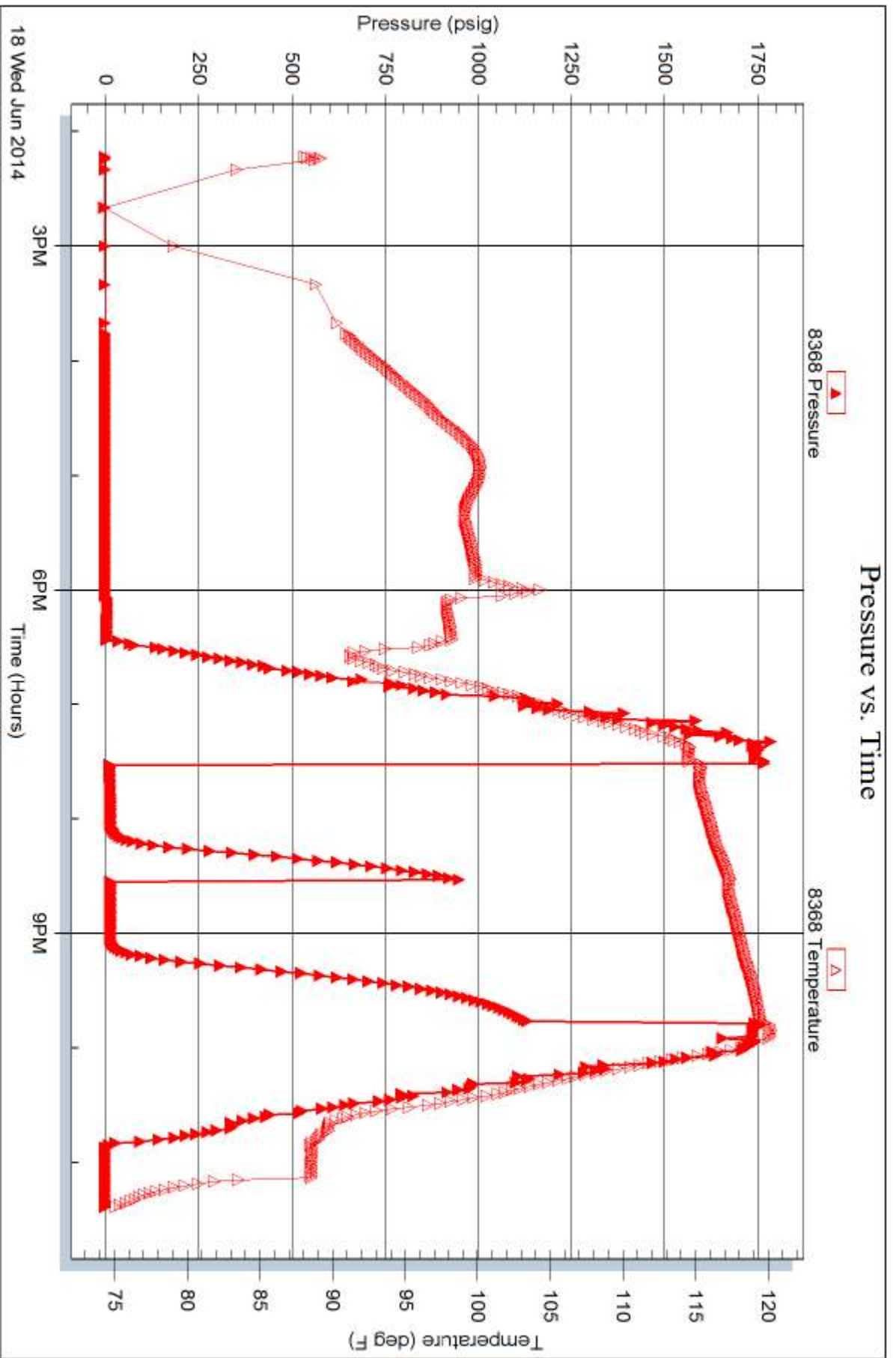
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

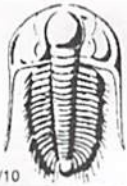
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 58318

Printed: 2014.06.27 @ 09:16:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58315**

4/10

Well Name & No. Smith Thompson-Smith #4-11 Test No. 1 Date 6-16-14
 Company Blue Ridge Pet. Corp. Elevation 2572 KB 2563 GL
 Address P.O. Box 913 Enid OK
 Co. Rep / Geo. Jim Musgrove Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. Decatur State KS

Interval Tested 3600-3620 Zone Tested LKC-B'
 Anchor Length 20' Drill Pipe Run 3602.02' Mud Wt. 8.9
 Top Packer Depth ~~3595~~ 3595 Drill Collars Run 0 Vis 52
 Bottom Packer Depth ~~3600~~ 3600 Wt. Pipe Run 0 WL 8.0
 Total Depth 3620 Chlorides 900 ppm System LCM 2#
 Blow Description IF-Surface blow built to bottom of bucket in 15mins.
ISI-Return built to 1/4"
FF-Surface blow built to bottom of bucket in 17mins.
FSI-Return built to 1"

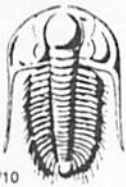
Rec	Feet of	%gas	%oil	%water	%mud
63	CCMW	5	85	10	
63	CCMW	30	35	35	
94	Free Oil	100			
	346' GIP	100			

Rec Total 220' BHT 127°F Gravity 31 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1709 Test 1150 T-On Location 11:16am
 (B) First Initial Flow 16 Jars _____ T-Started 12:51pm
 (C) First Final Flow 51 Safety Joint _____ T-Open 3:16pm
 (D) Initial Shut-In 741 Circ Sub N/C T-Pulled ~~7:57pm~~ 6:01pm
 (E) Second Initial Flow 57 Hourly Standby _____ T-Out 7:57pm
 (F) Second Final Flow 104 Mileage 3 R/T 4.65 Comments _____
 (G) Final Shut-In 740 Sampler _____
 (H) Final Hydrostatic 1711 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1154.65
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1154.65

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. 58316

Well Name & No. Thompson-Smith #4-11 Test No. 2 Date 6/17/14
 Company Blue Ridge Pet. Corp. Elevation 2572 KB 2563 GL
 Address P.O. Box 1913 ENID OK
 Co. Rep / Geo. Jim Musgrove Clint Musgrove Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. DECATUR State KS

Interval Tested 3620-3650 Zone Tested LKC - "A"
 Anchor Length 30' Drill Pipe Run 3634.04 Mud Wt. 8.9
 Top Packer Depth 3615' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3620' Wt. Pipe Run 0 WL 8.0
 Total Depth 3650' Chlorides 900 ppm System LCM 2[#]
 Blow Description IF - STARTED W/ WEAK SURFACE BLOW DIED AFTER 15 MINUTES.
ISI - NO RETURN
PACKER FAILURE @ THE END OF SECOND FLOW

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Packer Failure</u>				

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

(A) Initial Hydrostatic _____ Test 950 T-On Location 3:45 AM
 (B) First Initial Flow _____ Jars _____ T-Started 4:18 AM
 (C) First Final Flow _____ Safety Joint _____ T-Open 6:21 am
 (D) Initial Shut-In _____ Circ Sub N/C T-Pulled 7:50
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 11:13
 (F) Second Final Flow _____ Mileage 3 R/T 4.65 Comments 5 chased tool
 (G) Final Shut-In _____ Sampler _____ 8ft, set tool 3 times
 (H) Final Hydrostatic _____ Straddle _____ 3rd set, packer failure on
 Ruined Shale Packer second open
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 31 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 954.65
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 954.65

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58317

Well Name & No. THOMPSON - SMITH #4-11 Test No. 3 Date 6/17/14
 Company BLUE RIDGE PETRO CORP Elevation 2572 KB 2563 GL
 Address PO BOX 1913 ENDO OK
 Co. Rep / Geo. CLINT MWSGRUBE Rig SOUTHWIND #8
 Location: Sec. 11 Twp. 3S Rge. 29 W Co. DECATUR State KS

Interval Tested 3617 - 3650 Zone Tested LKC "C"
 Anchor Length 33' Drill Pipe Run 3602.67 Mud Wt. 9.0
 Top Packer Depth 3612' Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3617' Wt. Pipe Run 0 WL 9.6
 Total Depth 3650' Chlorides 1000 ppm System LCM 2#
 Blow Description IF - BUBBLED WHEN SET TOOL, THEN NO SURFACE BLOW
ISI - NO RETURN
EF - WEAK SURFACE BLOW STARTED IN 10 MINUTES BUILT TO 1.5"
PSI - NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>68</u>	<u>MW</u>		<u>90</u>	<u>10</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 68 BHT 117 Gravity _____ API RW .164 @ 76 °F Chlorides 41000 ppm

(A) Initial Hydrostatic 1225 Test 1150 T-On Location 8:30 pm
 (B) First Initial Flow 16 Jars _____ T-Started 8:58 pm
 (C) First Final Flow 34 Safety Joint _____ T-Open 10:54 pm
 (D) Initial Shut-In 772 Circ Sub N/C T-Pulled 109 AM
 (E) Second Initial Flow 42 Hourly Standby _____ T-Out 2:53 AM
 (F) Second Final Flow 47 Mileage 3 R/T 4.65 Comments _____
 (G) Final Shut-In 773 Sampler _____
 (H) Final Hydrostatic 1707 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 1154.65
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1154.65

Approved By _____

Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58318**

4/10

Well Name & No. THOMPSON-SMITH #4-11 Test No. 4 Date 6/18/14
 Company BLUE RIDGE PETRO CORP Elevation 2572 KB 2563 GL
 Address PO BOX 1913 ENID OK 73702
 Co. Rep / Geo. CLINT MUSGROVE Rig SOUTH WIND #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. DECATUR State KS

Interval Tested 3658-3700 Zone Tested LKC-E-F
 Anchor Length 42' Drill Pipe Run 3665.63 Mud Wt. 9.1
 Top Packer Depth 3653' Drill Collars Run 0 Vis 60+
 Bottom Packer Depth 3658' Wt. Pipe Run 0 WL 7.8
 Total Depth 3700' Chlorides 1400 ppm System LCM 2#
 Blow Description IF - WEAK SURFACE BLOW
IS1 - NO RETURN
FF - NO SURFACE BLOW
FS1 - NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>MUD</u>			<u>100</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 3 BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1769 Test 1150 T-On Location 12:50 PM
 (B) First Initial Flow 12 Jars _____ T-Started 2:13 PM
 (C) First Final Flow 14 Safety Joint _____ T-Open 7:31 PM
 (D) Initial Shut-In 950 Circ Sub NIC T-Pulled 9:46 AM
 (E) Second Initial Flow 13 Hourly Standby 1 TO 530 1.5h 150 T-Out 11:24 PM
 (F) Second Final Flow 15 Mileage 3 R/T 9.30 Comments Big broke down from
 (G) Final Shut-In 1135 Sampler _____ around 1:00pm to 5:30pm
 (H) Final Hydrostatic 1712 Straddle _____ picked up tools at 12:00pm 6-19-14
 Ruined Shale Packer left location
 Ruined Packer 12:55pm
 Extra Copies _____
 Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1809.30
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1809.30

Approved By _____ Our Representative Royal Foster

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