



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St STE 1500
Denver, CO 80202

ATTN: Tim Lauer

Bigge #16-1

16-7s-18w Rooks,KS

Start Date: 2014.11.01 @ 15:57:00

End Date: 2014.11.01 @ 23:39:00

Job Ticket #: 60722 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.07 @ 16:03:36



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60722

DST#: 1

ATTN: Tim Lauer

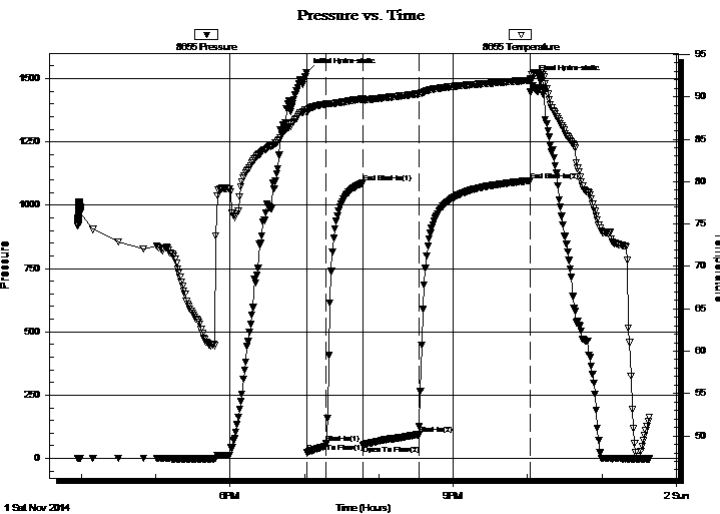
Test Start: 2014.11.01 @ 15:57:00

GENERAL INFORMATION:

Formation: **Toronto- LKC "F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:02:00
 Time Test Ended: 23:39:00
 Interval: **3036.00 ft (KB) To 3180.00 ft (KB) (TVD)**
 Total Depth: 3180.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Phillip Gage
 Unit No: 62
 Reference Elevations: 1877.00 ft (KB)
 1869.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8655 Outside
 Press@RunDepth: 94.17 psig @ 3037.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.01 End Date: 2014.11.01 Last Calib.: 2014.11.01
 Start Time: 15:57:01 End Time: 23:39:00 Time On Btm: 2014.11.01 @ 19:01:30
 Time Off Btm: 2014.11.01 @ 22:03:30

TEST COMMENT: 15-IF-Built to 4 1/2"
 30-ISI-No Return
 45-FF-Built to 8 1/2"
 90-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1524.39	88.53	Initial Hydro-static
1	22.65	88.07	Open To Flow (1)
16	58.40	89.15	Shut-In(1)
46	1087.81	89.76	End Shut-In(1)
46	53.33	89.57	Open To Flow (2)
91	94.17	90.35	Shut-In(2)
181	1097.06	91.96	End Shut-In(2)
182	1495.39	92.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	VSWGOCM, 5%w, 5%g, 10%o, 80%m	0.93
20.00	VSOCM, 5%o 95%m	0.15
5.00	O, 100%o	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks, KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60722

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.11.01 @ 15:57:00

GENERAL INFORMATION:

Formation: **Toronto- LKC "F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:02:00

Time Test Ended: 23:39:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 62

Interval: 3036.00 ft (KB) To 3180.00 ft (KB) (TVD)

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3180.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651 Inside

Press@RunDepth: psig @ 3037.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.01 End Date: 2014.11.01

Last Calib.: 2014.11.01

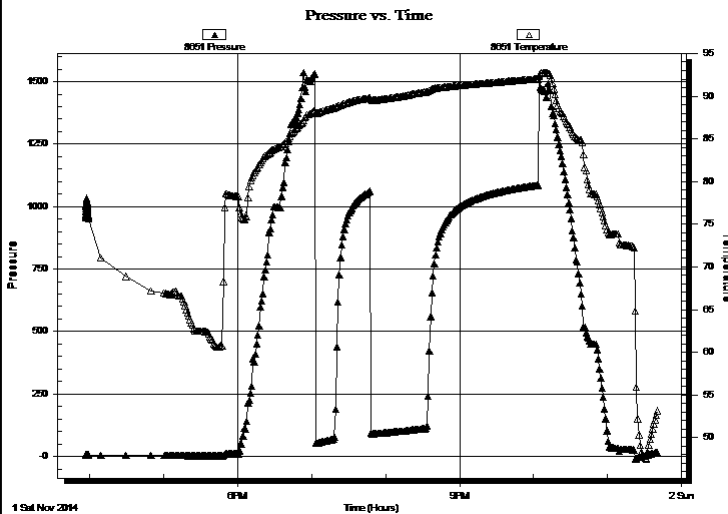
Start Time: 15:57:01 End Time: 23:40:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-Built to 4 1/2"
30-ISI-No Return
45-FF-Built to 8 1/2"
90-FSI-No Return

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
126.00	VSWGOCM, 5%w, 5%g, 10%o, 80%m	0.93
20.00	VSOCM, 5%o 95%m	0.15
5.00	O, 100%o	0.04

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60722

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.11.01 @ 15:57:00

Tool Information

Drill Pipe:	Length: 2751.00 ft	Diameter: 3.80 inches	Volume: 38.59 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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: 48000.00 lb
			<u>Total Volume: 40.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3036.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	144.00 ft			
Tool Length:	164.00 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			3017.00	
Shut In Tool	5.00			3022.00	
Hydraulic tool	5.00			3027.00	
Packer	5.00			3032.00	20.00 Bottom Of Top Packer
Packer	4.00			3036.00	
Stubb	1.00			3037.00	
Recorder	0.00	8651	Inside	3037.00	
Recorder	0.00	8655	Outside	3037.00	
Perforations	12.00			3049.00	
Change Over Sub	1.00			3050.00	
Drill Pipe	126.00			3176.00	
Change Over Sub	1.00			3177.00	
Bullnose	3.00			3180.00	144.00 Bottom Packers & Anchor

Total Tool Length: 164.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60722

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.11.01 @ 15:57:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	VSWGOCM, 5%w, 5%g, 10%o, 80%m	0.926
20.00	VSOCM, 5%o 95%m	0.147
5.00	O, 100%o	0.037

Total Length: 151.00 ft

Total Volume: 1.110 bbl

Num Fluid Samples: 0

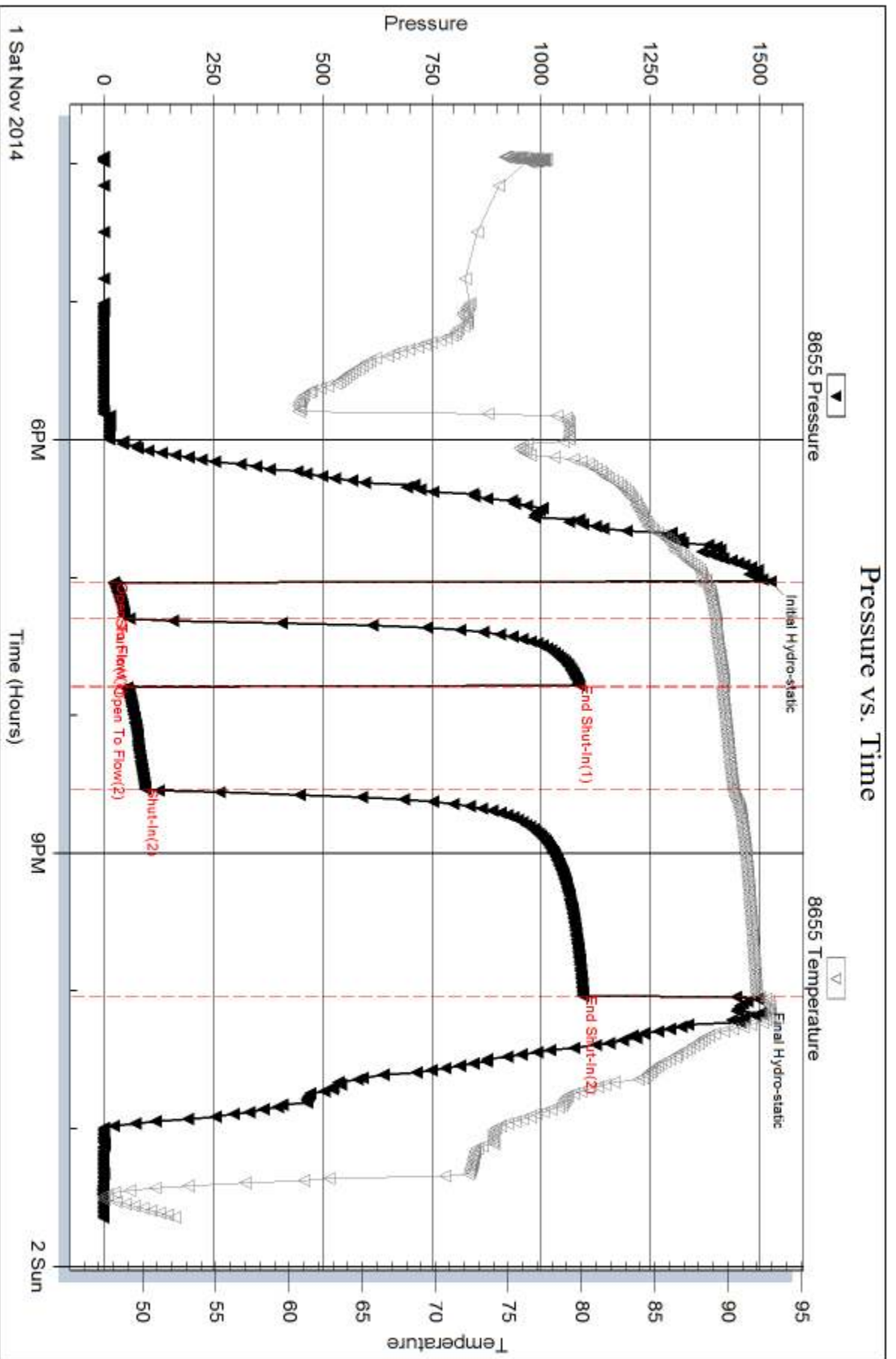
Num Gas Bombs: 0

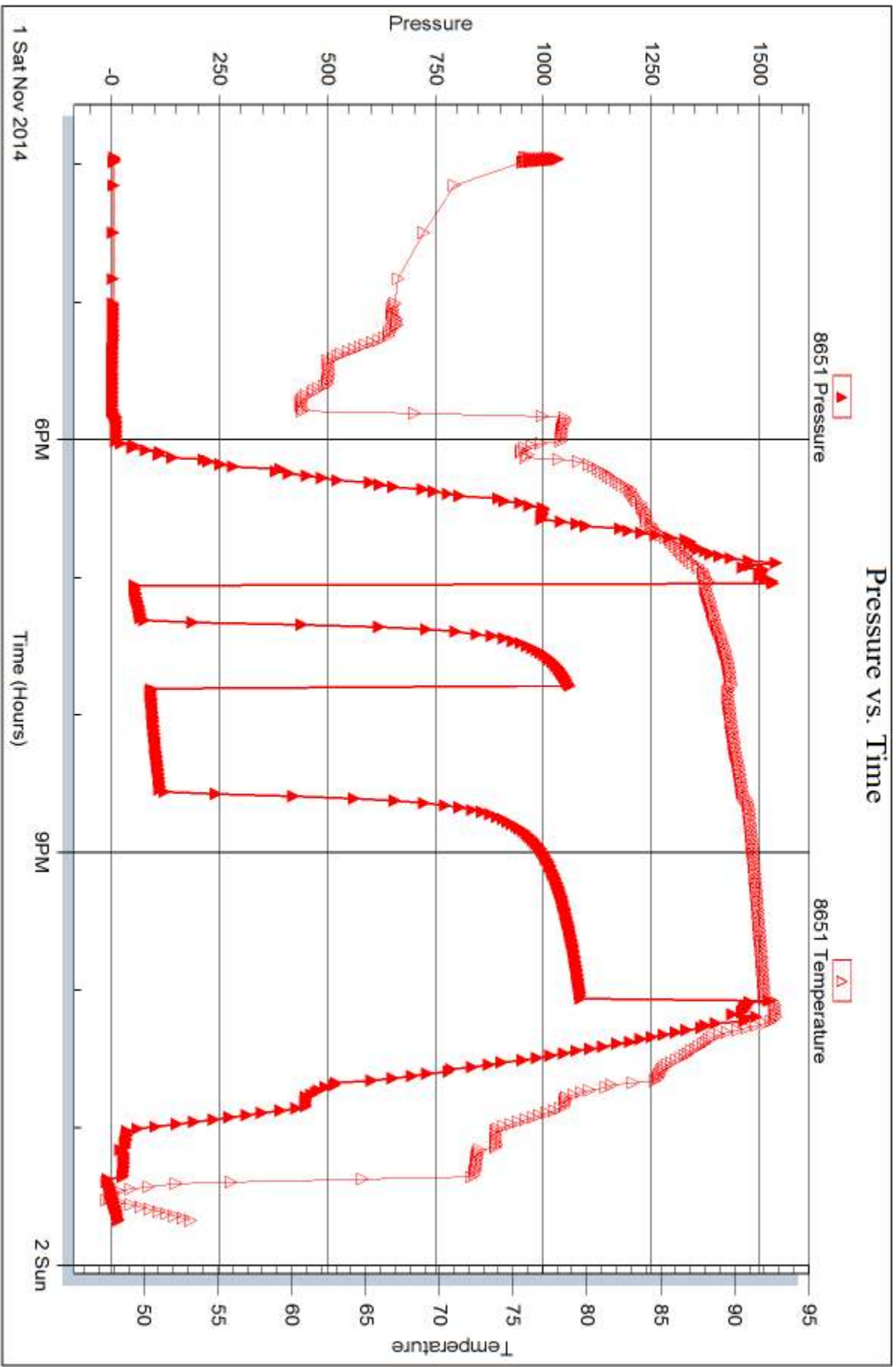
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St STE 1500
Denver, CO 80202

ATTN: Tim Lauer

Bigge #16-1

16-7s-18w Rooks,KS

Start Date: 2014.11.02 @ 08:09:00

End Date: 2014.11.02 @ 13:48:30

Job Ticket #: 60723 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.07 @ 16:03:13



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks, KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60723

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 08:09:00

GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:08:00

Time Test Ended: 13:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Interval: 3194.00 ft (KB) To 3255.00 ft (KB) (TVD)

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3255.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 19.83 psig @ 3195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.02

End Date:

2014.11.02

Last Calib.:

2014.11.02

Start Time: 08:09:01

End Time:

13:48:30

Time On Btm:

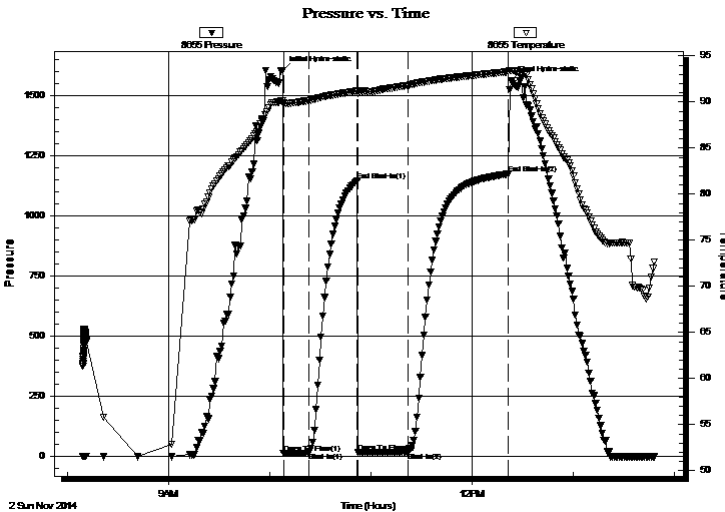
2014.11.02 @ 10:07:30

Time Off Btm:

2014.11.02 @ 12:23:30

TEST COMMENT: 15-IF-Surface Blow
30-ISI-No Return
30-FF-Weak Surface Blow , Died in 8 mins.
60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.57	90.18	Initial Hydro-static
1	12.99	89.88	Open To Flow (1)
16	15.82	90.15	Shut-In(1)
45	1145.28	91.19	End Shut-In(1)
45	16.43	90.93	Open To Flow (2)
75	19.83	91.80	Shut-In(2)
134	1173.39	93.27	End Shut-In(2)
136	1560.92	93.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M, w ith oil spots 100%m	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60723

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 08:09:00

GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:08:00

Time Test Ended: 13:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Interval: 3194.00 ft (KB) To 3255.00 ft (KB) (TVD)

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3255.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651 Inside

Press@RunDepth: psig @ 3195.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.02

End Date:

2014.11.02

Last Calib.:

2014.11.02

Start Time: 08:09:01

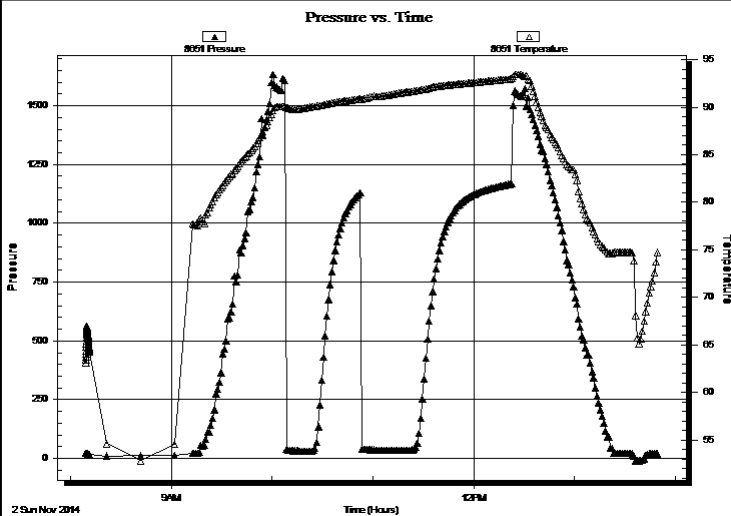
End Time:

13:49:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-Surface Blow
30-ISI-No Return
30-FF-Weak Surface Blow , Died in 8 mins.
60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M, w ith oil spots 100%m	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60723

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 08:09:00

Tool Information

Drill Pipe:	Length: 2910.00 ft	Diameter: 3.80 inches	Volume: 40.82 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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: 50000.00 lb
			<u>Total Volume: 42.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3194.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	81.00 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			3175.00	
Shut In Tool	5.00			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	20.00 Bottom Of Top Packer
Packer	4.00			3194.00	
Stubb	1.00			3195.00	
Recorder	0.00	8651	Inside	3195.00	
Recorder	0.00	8655	Outside	3195.00	
Perforations	24.00			3219.00	
Change Over Sub	1.00			3220.00	
Drill Pipe	31.00			3251.00	
Change Over Sub	1.00			3252.00	
Bullnose	3.00			3255.00	61.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60723

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 08:09:00

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M, w ith oil spots 100%m	0.073

Total Length: 10.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

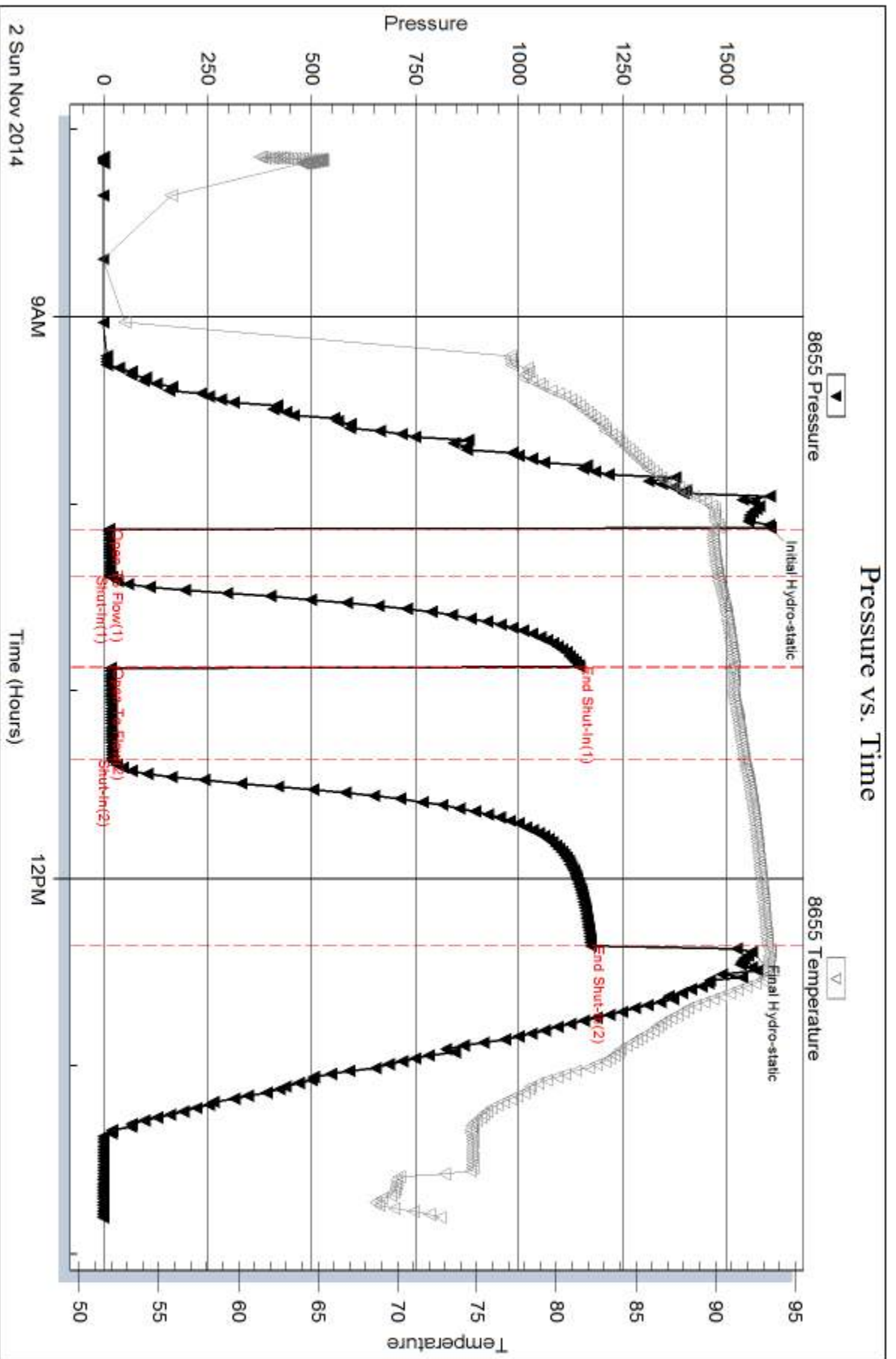
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



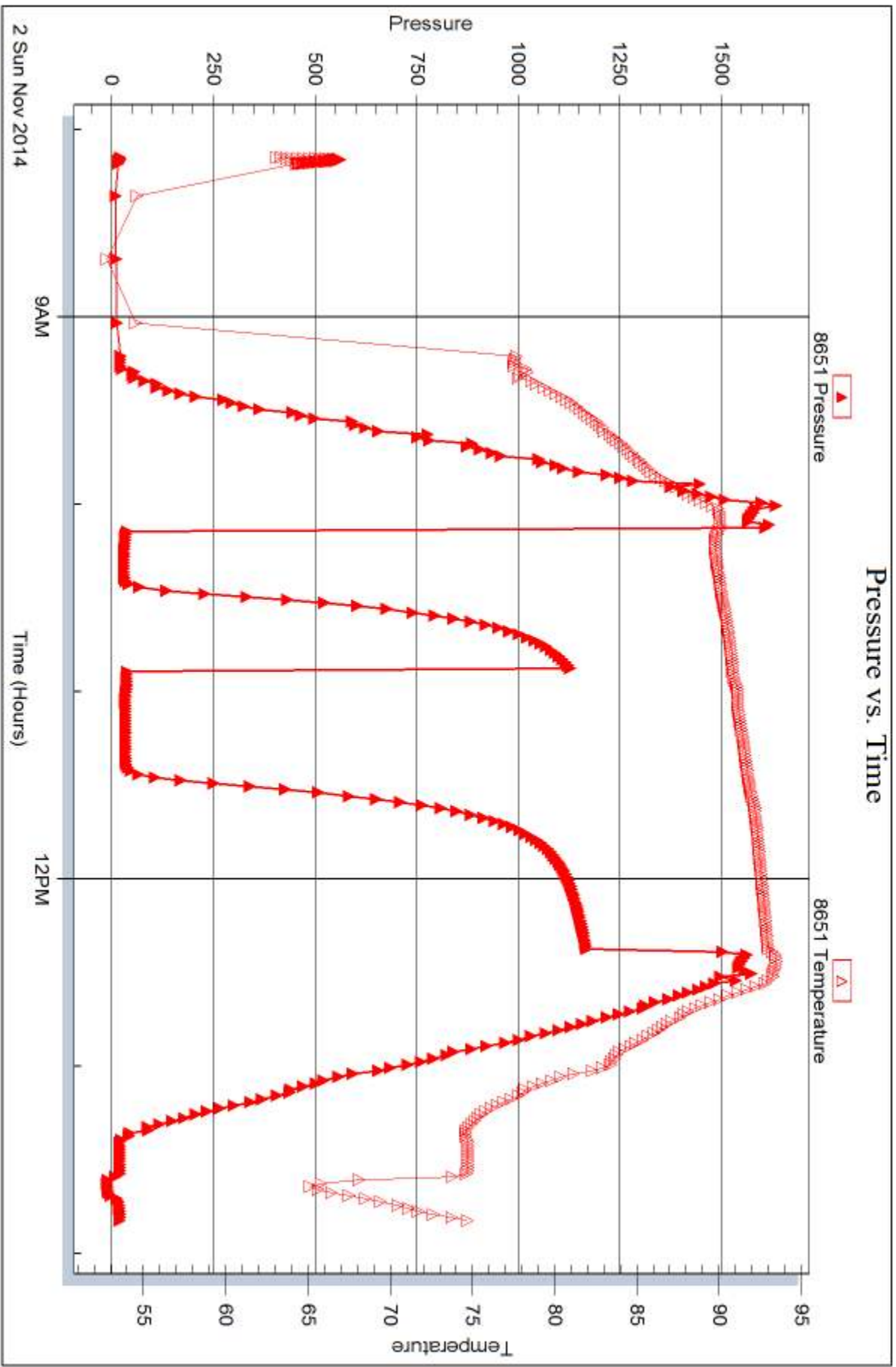
Serial #: 8651

Inside

Coral Production Corporation

Bigge #16-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 60723

Printed: 2014.11.07 @ 16:03:15



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St STE 1500
Denver, CO 80202

ATTN: Tim Lauer

Bigge #16-1

16-7s-18w Rooks,KS

Start Date: 2014.11.02 @ 18:56:00

End Date: 2014.11.03 @ 00:05:00

Job Ticket #: 60724 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.07 @ 15:56:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60724

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 18:56:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:35:30

Time Test Ended: 00:05:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Interval: 3243.00 ft (KB) To 3275.00 ft (KB) (TVD)

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3275.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8655 Outside

Press@RunDepth: 21.90 psig @ 3244.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.02

End Date:

2014.11.03

Last Calib.: 2014.11.03

Start Time: 18:56:01

End Time:

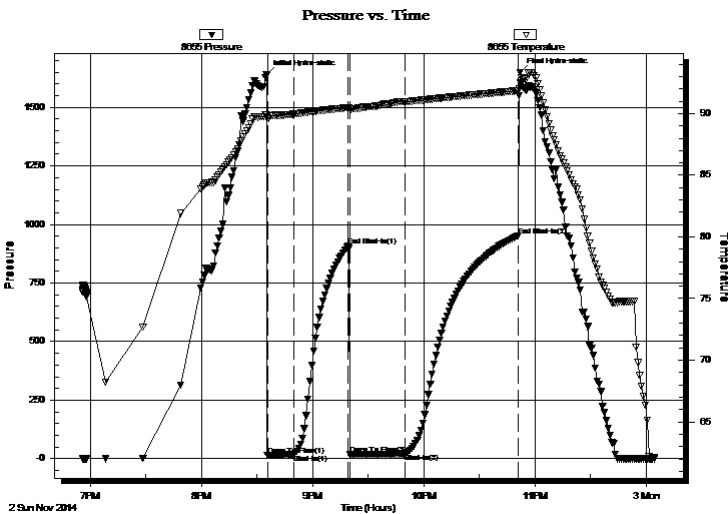
00:05:00

Time On Btm: 2014.11.02 @ 20:35:00

Time Off Btm: 2014.11.02 @ 22:52:00

TEST COMMENT: 15-IF-Built to 1/2"
30-ISI-No Return
30-FF-No Blow
60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.33	89.92	Initial Hydro-static
1	13.18	89.64	Open To Flow (1)
15	18.64	89.97	Shut-In(1)
44	906.73	90.49	End Shut-In(1)
45	17.83	90.35	Open To Flow (2)
75	21.90	90.96	Shut-In(2)
136	951.77	91.85	End Shut-In(2)
137	1649.32	92.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M, w ith oil spots, 100% m	0.07

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks, KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60724

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 18:56:00

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:35:30

Time Test Ended: 00:05:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Interval: 3243.00 ft (KB) To 3275.00 ft (KB) (TVD)

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3275.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651

Inside

Press@RunDepth: psig @ 3244.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.02

End Date:

2014.11.03

Last Calib.:

2014.11.03

Start Time: 18:56:01

End Time:

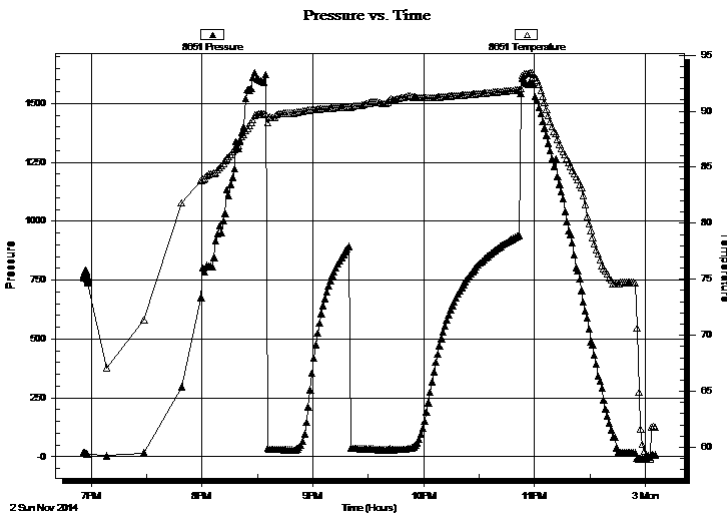
00:06:00

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-Built to 1/2"
30-ISI-No Return
30-FF-No Blow
60-FSI-No Return

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M, w ith oil spots, 100%m	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60724

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 18:56:00

Tool Information

Drill Pipe:	Length: 2973.00 ft	Diameter: 3.80 inches	Volume: 41.70 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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: 55000.00 lb
			<u>Total Volume: 43.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3243.00 ft			Final 46000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3224.00	
Shut In Tool	5.00			3229.00	
Hydraulic tool	5.00			3234.00	
Packer	5.00			3239.00	20.00 Bottom Of Top Packer
Packer	4.00			3243.00	
Stubb	1.00			3244.00	
Recorder	0.00	8651	Inside	3244.00	
Recorder	0.00	8655	Outside	3244.00	
Perforations	28.00			3272.00	
Bullnose	3.00			3275.00	32.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60724

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.11.02 @ 18:56:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M, with oil spots, 100%m	0.073

Total Length: 10.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

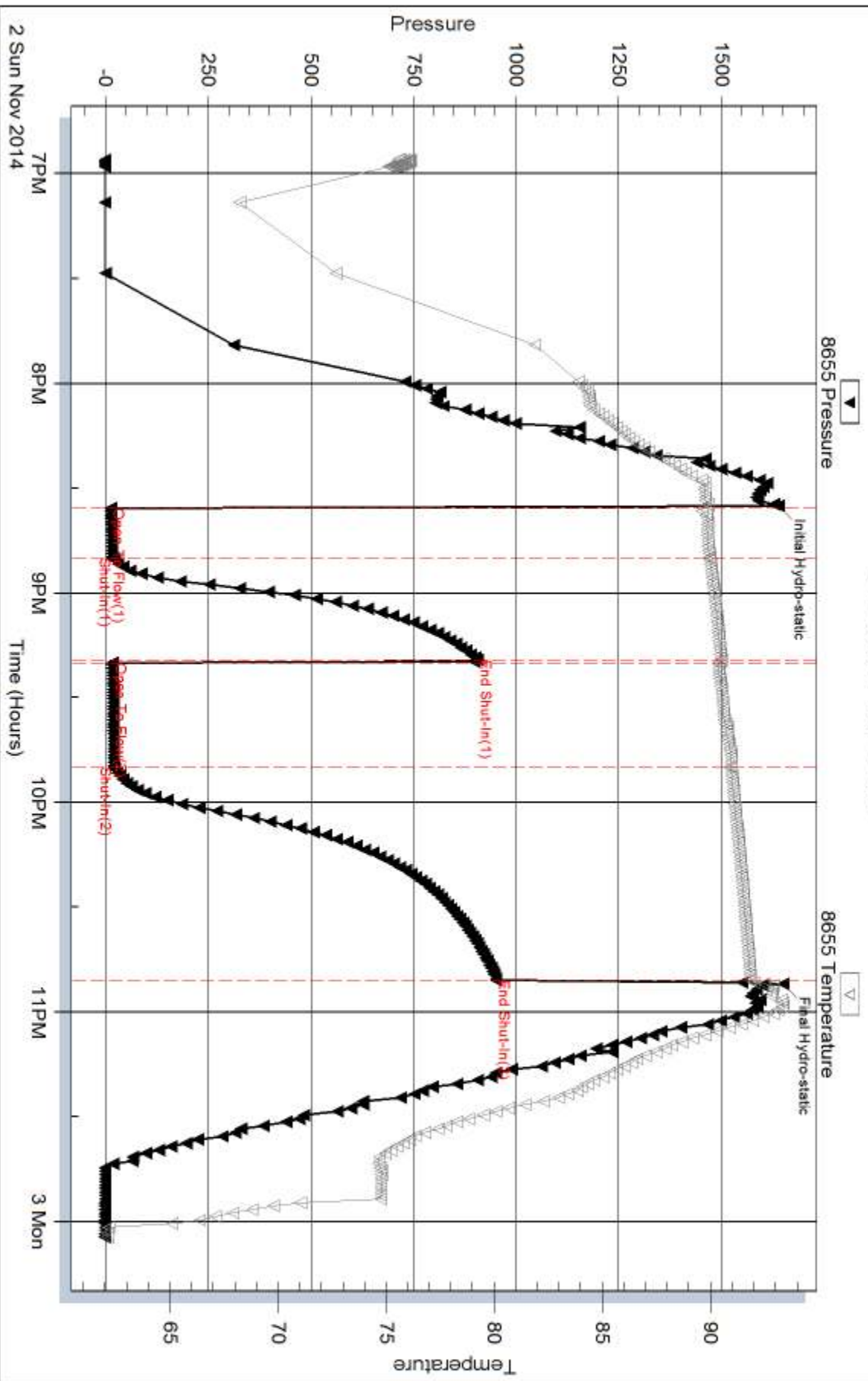
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



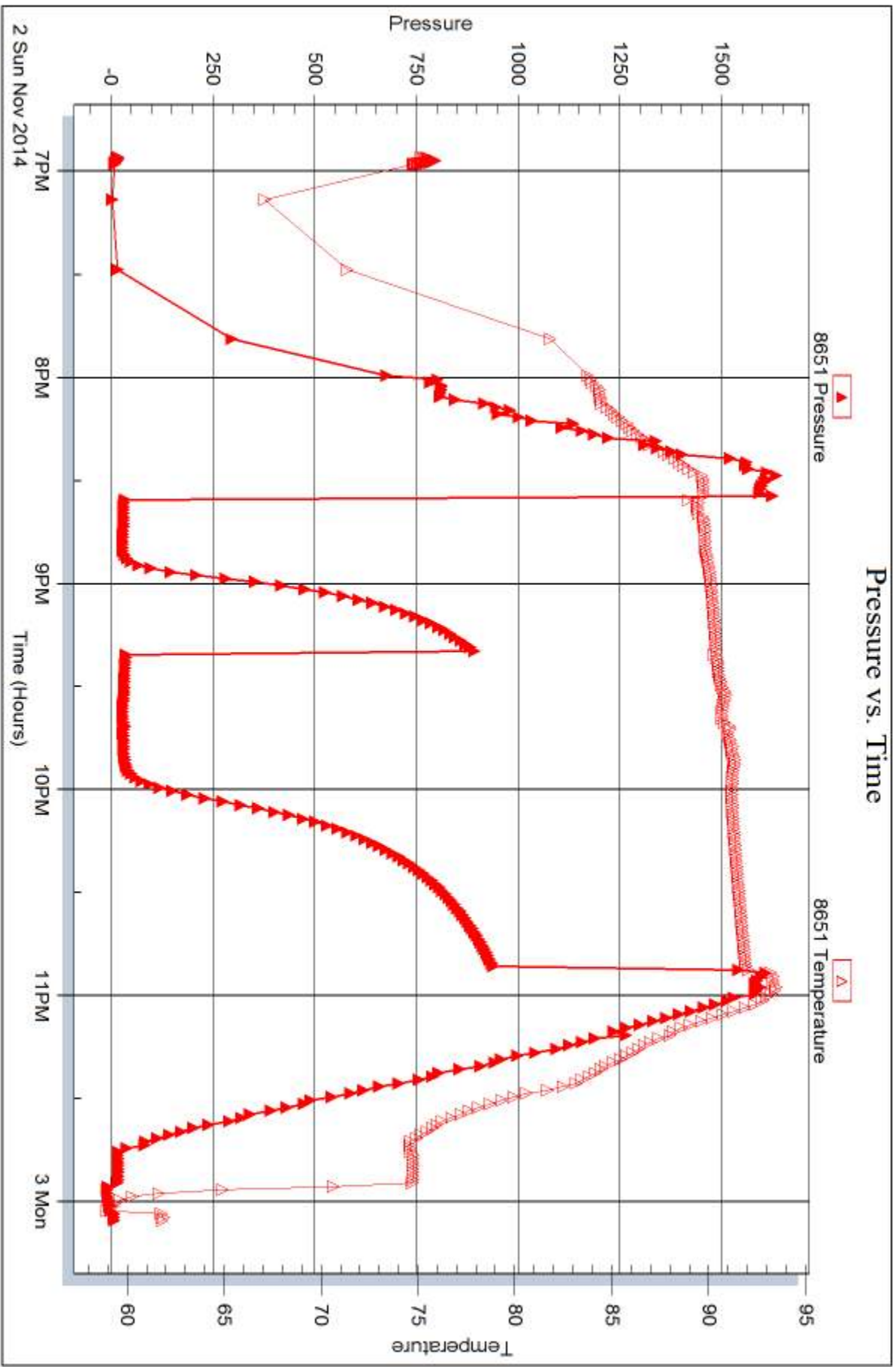
Serial #: 8651

Inside

Coral Production Corporation

Bigge #16-1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St STE 1500
Denver, CO 80202

ATTN: Tim Lauer

Bigge #16-1

16-7s-18w Rooks,KS

Start Date: 2014.11.03 @ 06:45:00

End Date: 2014.11.03 @ 12:37:30

Job Ticket #: 60725 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.07 @ 15:55:49



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60725

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 06:45:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:27:30
 Time Test Ended: 12:37:30
 Interval: **3264.00 ft (KB) To 3315.00 ft (KB) (TVD)**
 Total Depth: 3315.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Phillip Gage
 Unit No: 62
 Reference Elevations: 1877.00 ft (KB)
 1869.00 ft (CF)
 KB to GR/CF: 8.00 ft

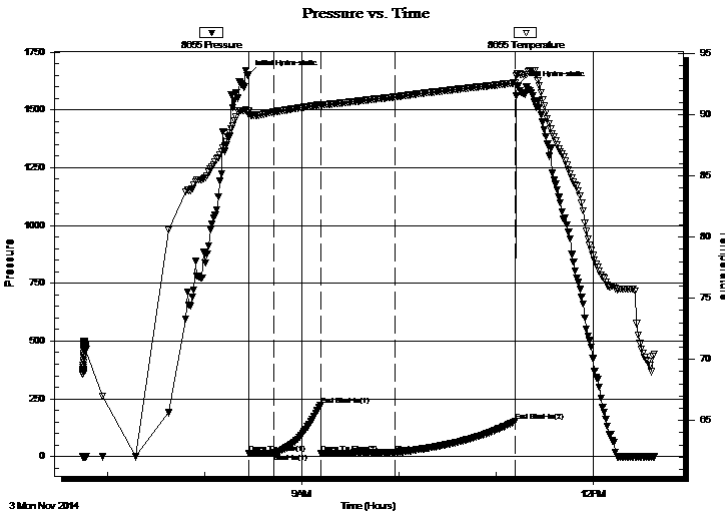
Serial #: 8655

Outside

Press@RunDepth: 16.47 psig @ 3265.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.03 End Date: 2014.11.03 Last Calib.: 2014.11.03
 Start Time: 06:45:01 End Time: 12:37:30 Time On Btm: 2014.11.03 @ 08:27:00
 Time Off Btm: 2014.11.03 @ 11:13:00

TEST COMMENT: 15-IF-Built to 1/2"
 30-ISI-No Return
 45-FF-No Blow
 75-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1651.53	90.32	Initial Hydro-static
1	13.20	89.98	Open To Flow (1)
16	15.40	90.25	Shut-In(1)
45	223.67	90.82	End Shut-In(1)
45	15.06	90.81	Open To Flow (2)
91	16.47	91.47	Shut-In(2)
165	153.14	92.61	End Shut-In(2)
166	1606.45	93.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M, w ith oil spots, 100% m	0.04

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

ATTN: Tim Lauer

Job Ticket: 60725

DST#: 4

Test Start: 2014.11.03 @ 06:45:00

GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:27:30

Time Test Ended: 12:37:30

Interval: 3264.00 ft (KB) To 3315.00 ft (KB) (TVD)

Total Depth: 3315.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8651

Inside

Press@RunDepth: psig @ 3265.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.03

End Date: 2014.11.03

Last Calib.: 2014.11.03

Start Time: 06:45:01

End Time: 12:38:30

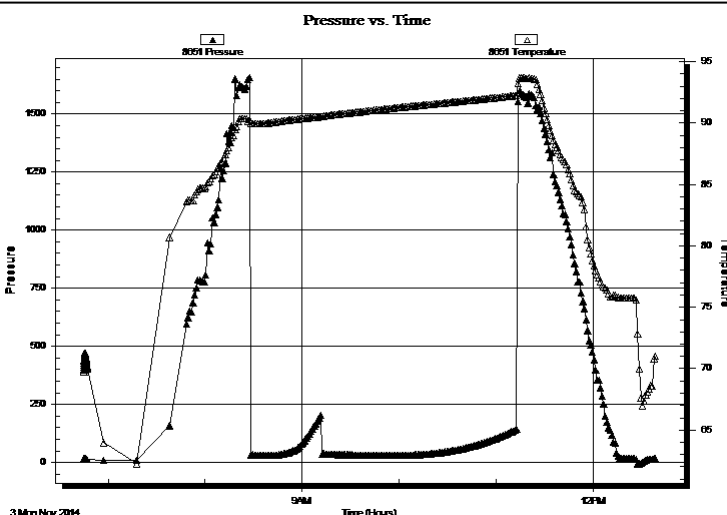
Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-Built to 1/2"
30-ISI-No Return
45-FF-No Blow
75-FSI-No Return

PRESSURE SUMMARY

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



Recovery

Length (ft)	Description	Volume (bbl)
5.00	M, w ith oil spots, 100%m	0.04

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60725

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 06:45:00

Tool Information

Drill Pipe:	Length: 2972.00 ft	Diameter: 3.80 inches	Volume: 41.69 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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: 52000.00 lb
			<u>Total Volume: 43.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3264.00 ft			Final 46000.00 lb
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			3245.00	
Shut In Tool	5.00			3250.00	
Hydraulic tool	5.00			3255.00	
Packer	5.00			3260.00	20.00 Bottom Of Top Packer
Packer	4.00			3264.00	
Stubb	1.00			3265.00	
Recorder	0.00	8651	Inside	3265.00	
Recorder	0.00	8655	Outside	3265.00	
Perforations	14.00			3279.00	
Change Over Sub	1.00			3280.00	
Drill Pipe	31.00			3311.00	
Change Over Sub	1.00			3312.00	
Bullnose	3.00			3315.00	51.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60725

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 06:45:00

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: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M, w ith oil spots, 100%m	0.037

Total Length: 5.00 ft Total Volume: 0.037 bbl

Num Fluid Samples: 0

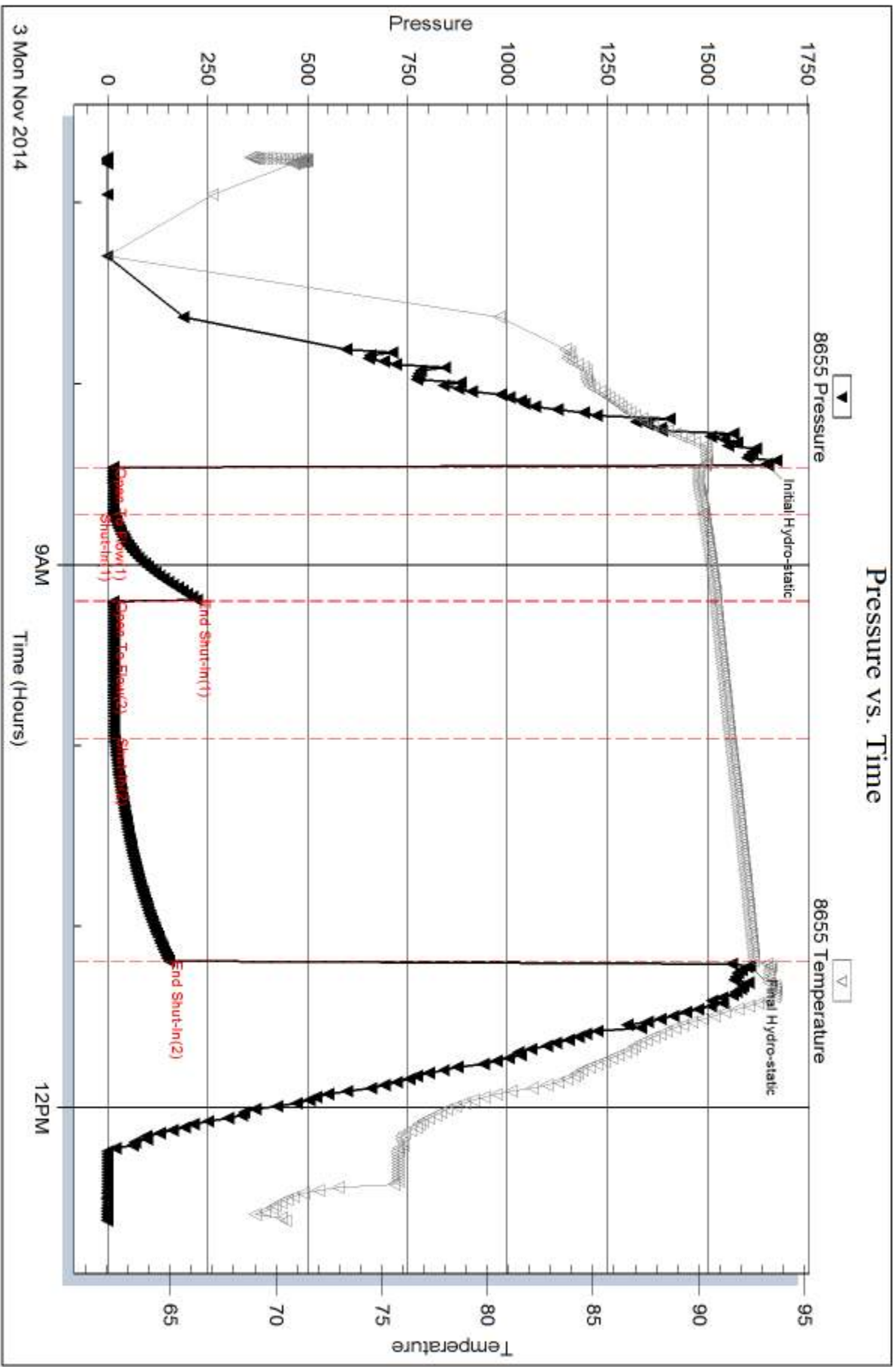
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



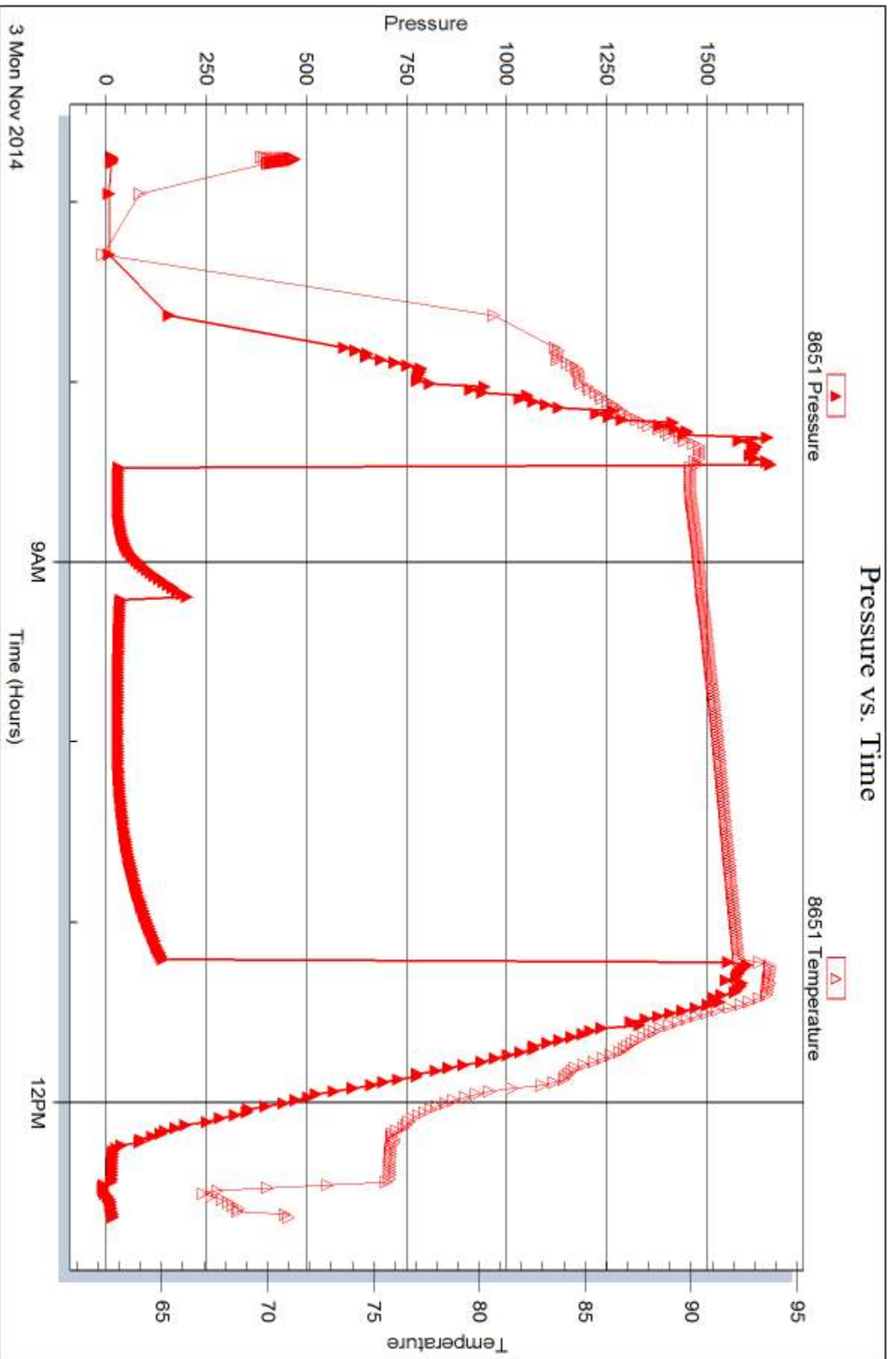
Serial #: 8651

Inside

Coral Production Corporation

Bigge #16-1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 60725

Printed: 2014.11.07 @ 15:55:51



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St STE 1500
Denver, CO 80202

ATTN: Tim Lauer

Bigge #16-1

16-7s-18w Rooks,KS

Start Date: 2014.11.03 @ 21:14:00

End Date: 2014.11.04 @ 03:53:00

Job Ticket #: 60976 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.07 @ 15:54:48



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60976

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 21:14:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:24:30
 Time Test Ended: 03:53:00
 Interval: **3340.00 ft (KB) To 3394.00 ft (KB) (TVD)**
 Total Depth: 3394.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Phillip Gage
 Unit No: 62
 Reference Elevations: 1877.00 ft (KB)
 1869.00 ft (CF)
 KB to GR/CF: 8.00 ft

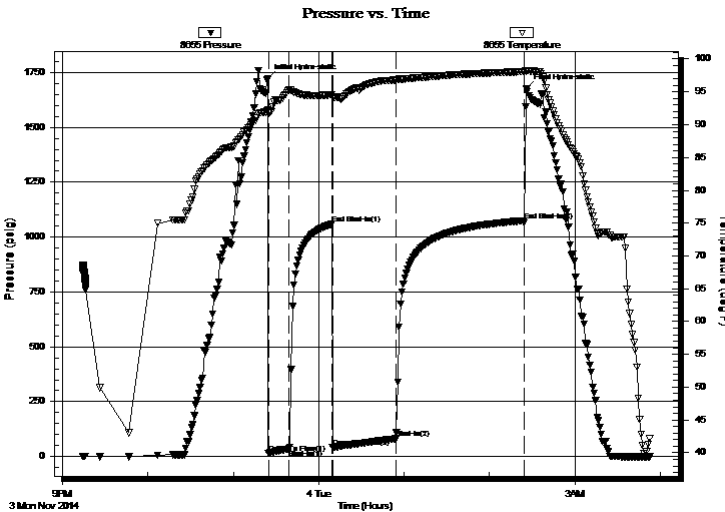
Serial #: 8655

Outside

Press@RunDepth: 81.13 psig @ 3341.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.03 End Date: 2014.11.04 Last Calib.: 2014.11.04
 Start Time: 21:14:01 End Time: 03:53:00 Time On Btm: 2014.11.03 @ 23:24:00
 Time Off Btm: 2014.11.04 @ 02:26:00

TEST COMMENT: 15-IF-Built to 2 1/4"
 30-ISI-No Return
 45-FF-Built to 4 1/2"
 90-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1720.64	92.23	Initial Hydro-static
1	14.50	91.85	Open To Flow (1)
15	34.64	95.25	Shut-In(1)
45	1059.30	94.56	End Shut-In(1)
46	42.16	94.19	Open To Flow (2)
90	81.13	96.83	Shut-In(2)
180	1075.04	98.07	End Shut-In(2)
182	1674.72	98.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	SWCM, 10%w, 90%m	0.96

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60976

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 21:14:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:24:30

Time Test Ended: 03:53:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Phillip Gage

Unit No: 62

Interval: **3340.00 ft (KB) To 3394.00 ft (KB) (TVD)**

Reference Elevations: 1877.00 ft (KB)

Total Depth: 3394.00 ft (KB) (TVD)

1869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8651

Inside

Press@RunDepth: psig @ 3341.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.03

End Date: 2014.11.04

Last Calib.: 2014.11.04

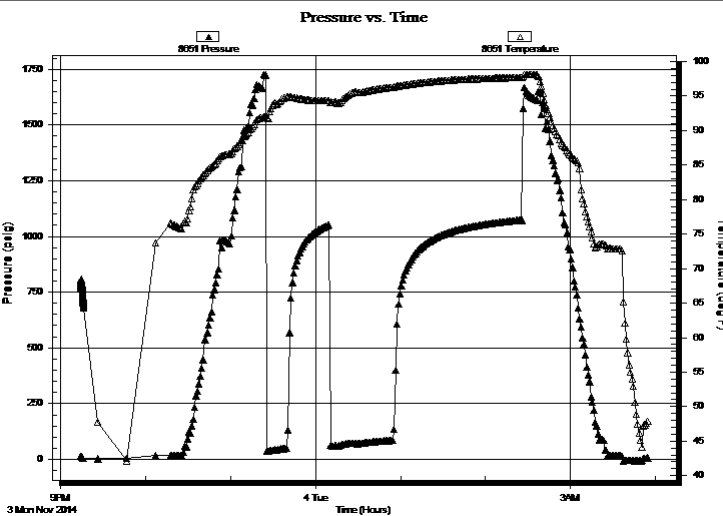
Start Time: 21:14:01

End Time: 03:54:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 15-IF-Built to 2 1/4"
30-ISI-No Return
45-FF-Built to 4 1/2"
90-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
130.00	SWCM, 10%w, 90%m	0.96

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60976

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 21:14:00

Tool Information

Drill Pipe:	Length: 3066.00 ft	Diameter: 3.80 inches	Volume: 43.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 278.00 ft	Diameter: 2.75 inches	Volume: 2.04 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: 52000.00 lb
			<u>Total Volume: 45.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3340.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 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			3321.00	
Shut In Tool	5.00			3326.00	
Hydraulic tool	5.00			3331.00	
Packer	5.00			3336.00	20.00 Bottom Of Top Packer
Packer	4.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	8651	Inside	3341.00	
Recorder	0.00	8655	Outside	3341.00	
Perforations	17.00			3358.00	
Change Over Sub	1.00			3359.00	
Drill Pipe	31.00			3390.00	
Change Over Sub	1.00			3391.00	
Bullnose	3.00			3394.00	54.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

16-7s-18w Rooks,KS

1600 Stout St STE 1500
Denver, CO 80202

Bigge #16-1

Job Ticket: 60976

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.11.03 @ 21:14:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	SWCM, 10%w, 90%m	0.955

Total Length: 130.00 ft Total Volume: 0.955 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

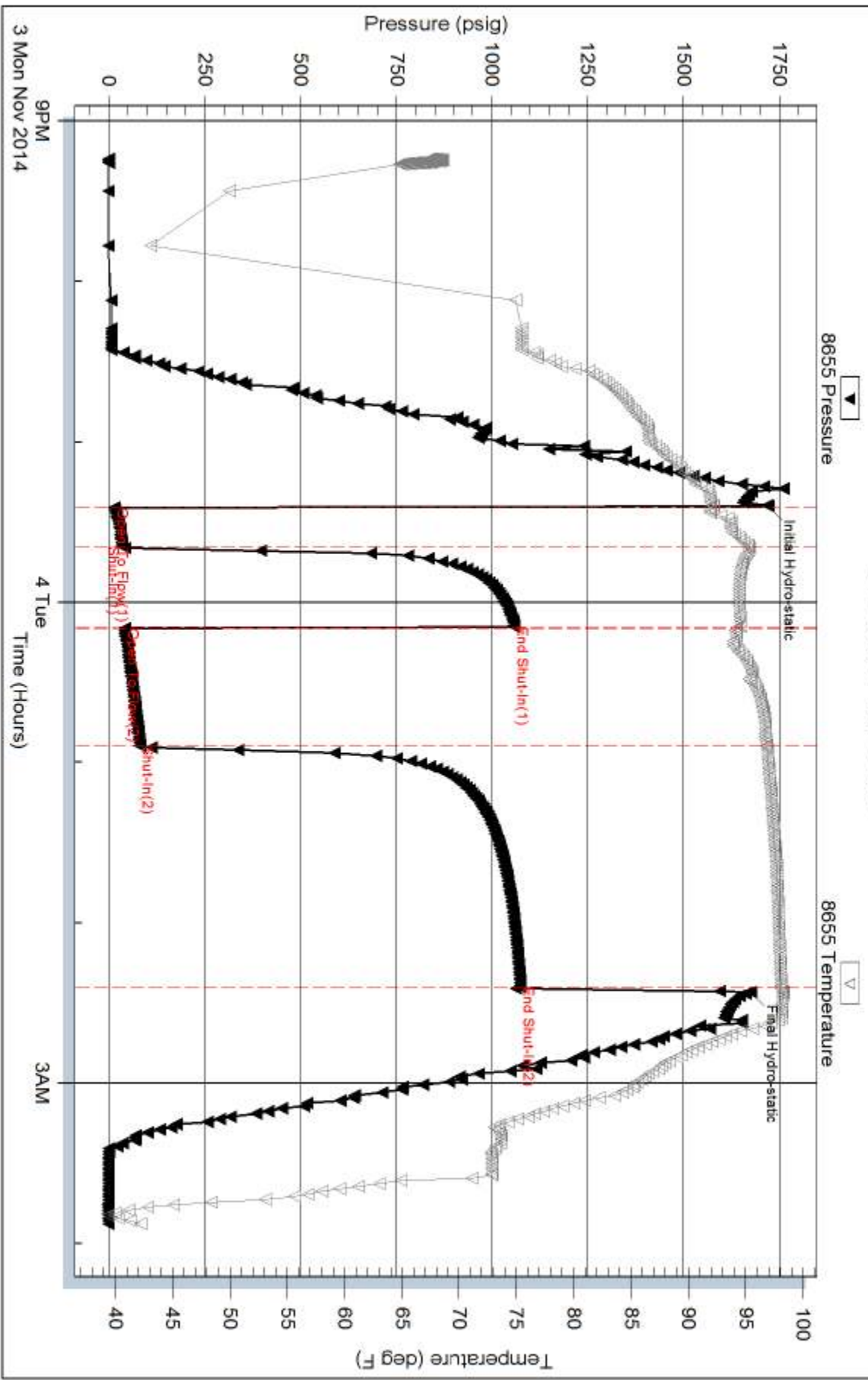
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .3 @ 38 degrees = 50,000 Salinity

Pressure vs. Time



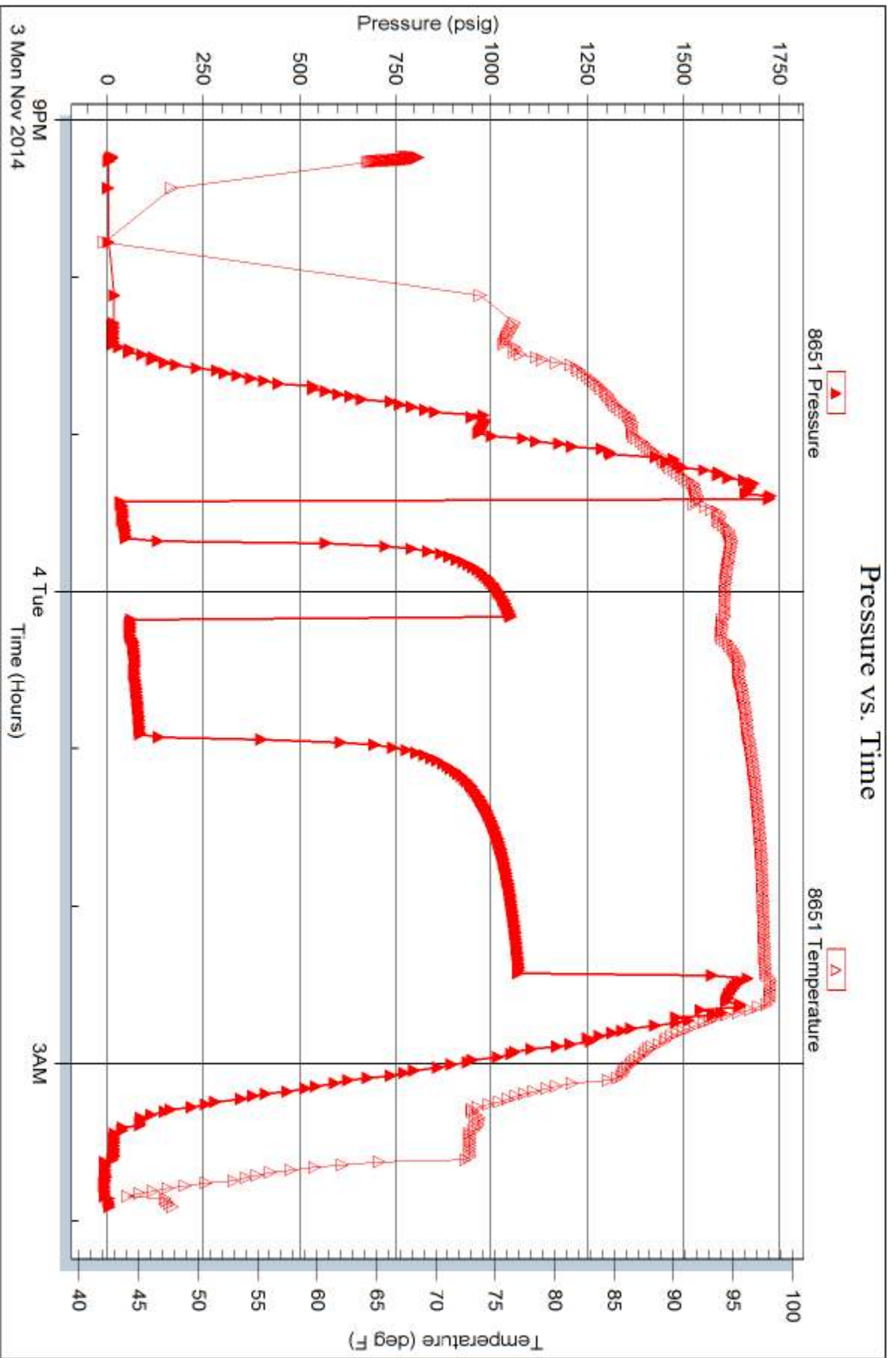
Serial #: 8651

Inside

Coral Production Corporation

Bigge #16-1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 60976

Printed: 2014.11.07 @ 15:54:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **60722**

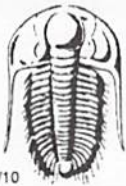
Well Name & No. Bigge #16-1 Test No. 1 Date 11-1-14
 Company Caval Production Corporation Elevation 1877 KB 1869 GL
 Address 1600 Stout St STE 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Discovery Rig 2
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rocks State KS

Interval Tested 3036-3180 Zone Tested Toronto - Lansing 'F'
 Anchor Length 144' Drill Pipe Run 2751 Mud Wt. 8.8
 Top Packer Depth 3031 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3036 Wt. Pipe Run 278 WL 8
 Total Depth 3180 Chlorides 500 ppm System LCM 1#
 Blow Description IF Built to 4 1/2"
FSE No Return
FF Built to 8 1/2"
FSE No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>126'</u>	<u>USWGOCM</u>	<u>5</u>	<u>10</u>	<u>5</u>	<u>80</u>
<u>20'</u>	<u>USOCM</u>		<u>5</u>		<u>95</u>
<u>5'</u>	<u>0</u>		<u>100</u>		

Rec Total 151' BHT 92 Gravity 33 API RW @ F Chlorides ppm
 Test 1150 T-On Location 15:27
 Jars _____ T-Started 15:57
 Safety Joint _____ T-Open 19:04
 Circ Sub _____ T-Pulled 22:04
 Hourly Standby _____ T-Out 23:42
 Mileage 92 RT 142.60 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1292.60

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 90
 Approved By _____ Our Representative Phil's Jay Thank You
 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. 60723

Well Name & No. Bigge #16-1 Test No. 2 Date 11-2-14
 Company Coral Production Corporation Elevation 1877 KB 1869 GL
 Address 1600 Stout St., STE 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Discovery Rig 2
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rocks State KS

Interval Tested 3194-3255 Zone Tested Lansing "H-I"
 Anchor Length 61' Drill Pipe Run 2910 Mud Wt. 8.8
 Top Packer Depth 3189 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 3194 Wt. Pipe Run 278 WL 8
 Total Depth 3255 Chlorides 500 ppm System LCM 1#

Blow Description IF Surface Blow
FSE- No Return
FF Weak Surface Blow, died in 8mins
FSE- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>M, with oil spots</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 10' BHT 93 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1,604 Test 1150 T-On Location 08:07
 (B) First Initial Flow 12 Jars — T-Started 08:09
 (C) First Final Flow 15 Safety Joint — T-Open 10:08
 (D) Initial Shut-In 1,145 Circ Sub — T-Pulled 12:23
 (E) Second Initial Flow 16 Hourly Standby — T-Out 13:50
 (F) Second Final Flow 19 Mileage 92 RT 142.60 Comments —
 (G) Final Shut-In 1,173 Sampler —
 (H) Final Hydrostatic 1,560 Straddle — Ruined Shale Packer —

Initial Open 15 Shale Packer — Ruined Packer —
 Initial Shut-In 30 Extra Packer — Extra Copies —
 Final Flow 30 Extra Recorder — Sub Total 0
 Final Shut-In 60 Day Standby — Total 1292.60
 Accessibility — MP/DST Disc't —
 Sub Total 1292.60

Approved By — Our Representative Mike [Signature] Thank You

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. 60724

4/10

Well Name & No. Brace #16-1 Test No. 3 Date 11-2-14
 Company Loral Production Corporation Elevation 1877 KB 1869 GL
 Address 1600 Stout St STE 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Discovery Rig 2
 Location: Sec. 16 Twp. 7s Rge. 18w Co. Rocks State KS

Interval Tested 3243-3275 Zone Tested Lansing 1' 5"
 Anchor Length 32' Drill Pipe Run 2973 Mud Wt. 9.1
 Top Packer Depth 3238 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3243 Wt. Pipe Run 278 WL 8.4
 Total Depth 3275 Chlorides 500 ppm System LCM 1 1/2#

Blow Description IF- Built to 1/2"
ISF- No Return
FP- No Blow
PSF- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>M_c with oil spots</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 10' BHT 92 Gravity 1150 API RW @ F Chlorides ppm
 (A) Initial Hydrostatic 1,638 Test 1150 T-On Location 18:53
 (B) First Initial Flow 13 Jars _____ T-Started 18:56
 (C) First Final Flow 18 Safety Joint _____ T-Open 20:35
 (D) Initial Shut-In 906 Circ Sub _____ T-Pulled 22:50
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 00:06
 (F) Second Final Flow 21 Mileage 92 RT 142.60 Comments _____
 (G) Final Shut-In 951 Sampler _____
 (H) Final Hydrostatic 1,649 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow 30 Day Standby _____ Total 1292.60
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1292.60

Approved By _____ Our Representative Phil Gray Thank You

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. 60725

4/10

Well Name & No. Bigge #16-1 Test No. 4 Date 11-3-14
 Company Coral Production Corporation Elevation 1877 KB 1869 GL
 Address 1600 Stout St, STE 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Discovery Rig 2
 Location: Sec. 16 Twp. 7S Rge. 18W Co. Rocks State KS

Interval Tested 3264 - 3315 Zone Tested Lansing 1 1/2 + L 1
 Anchor Length 51 Drill Pipe Run 2972 Mud Wt. 9.1
 Top Packer Depth 3259 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3264 Wt. Pipe Run 278 WL 8.4
 Total Depth 3315 Chlorides 500 ppm System LCM 1 1/2 #

Blow Description IF - Buite to 1/2"
ISI No Return
FF - No Blow
FSE No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>51</u>	<u>M, with oil spots</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

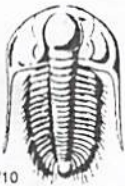
Rec Total 51 BHT 93 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1.651 Test 1150 T-On Location 06:43
 (B) First Initial Flow 13 Jars _____ T-Started 06:45
 (C) First Final Flow 15 Safety Joint _____ T-Open 08:28
 (D) Initial Shut-In 223 Circ Sub _____ T-Pulled 11:13
 (E) Second Initial Flow 15 Hourly Standby _____ T-Out 12:39
 (F) Second Final Flow 16 Mileage 92 RT 142.60 Comments _____
 (G) Final Shut-In 153 Sampler _____
 (H) Final Hydrostatic 1.606 Straddle _____ Ruined Shale Packer _____

Initial Open 15 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 75 Day Standby _____ Total 1292.60
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1292.60

Approved By _____ Our Representative Phil's Gas Thank You

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. 60976

4/10

Well Name & No. Bigge #16-1 Test No. 5 Date 11-3-14
 Company Coral Production Corporation Elevation 1877 KB 1869 GL
 Address 1600 Stout St, STE 1500
 Co. Rep / Geo. Tim Lawer Rig Discovery Rig 2
 Location: Sec. 16 Twp. 7S Rge. 18w Co. Rocks State KS

Interval Tested 3340-3344 Zone Tested Conglomerate
 Anchor Length 55' Drill Pipe Run 3066 Mud Wt. 9.1
 Top Packer Depth 3335 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3340 Wt. Pipe Run 278 WL 8.8
 Total Depth 3394 Chlorides 500 ppm System LCM 1 1/2 #
 Blow Description IF- Buite to 2 1/4"
FSI No Return
FF- Buite to 4 1/2"
FSI No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>130'</u>	<u>SWCM</u>			<u>10%</u>	<u>90%</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 130' BHT 98 Gravity — API RW 3 @ 38° F Chlorides 50,000 ppm
 (A) Initial Hydrostatic 1,720 Test 1150 T-On Location 21:11
 (B) First Initial Flow 14 Jars T-Started 21:14
 (C) First Final Flow 34 Safety Joint T-Open 23:25
 (D) Initial Shut-In 1,059 Circ Sub T-Pulled 02:25
 (E) Second Initial Flow 42 Hourly Standby T-Out 03:55
 (F) Second Final Flow 81 Mileage 92 RT x 2 142.60 Comments Loaded Tools on
 (G) Final Shut-In 1,075 Sampler 142.60 11-4-14 @ 13:00
 (H) Final Hydrostatic 1,674 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1435.20
 Accessibility MP/DST Disc't
 Sub Total 1435.20

Initial Open 15
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 90

Approved By _____ Our Representative Phil Lawer Thank You

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