



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.14 @ 06:02:00

End Date: 2014.08.14 @ 08:03:45

Job Ticket #: 59334 DST #: 1

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

Printed: 2014.08.20 @ 09:43:22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59334

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.08.14 @ 06:02:00

Tool Information

Drill Pipe:	Length: 3039.00 ft	Diameter: 3.80 inches	Volume: 42.63 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	0.00 lb
			<u>Total Volume: 42.78 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	0.00 lb
Depth to Top Packer:	3057.00 ft			Final	0.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	39.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Hit a bridge half way in the hole. tried to go through it. w ouldnt work. came out w ith test tool.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3037.00	
Shut In Tool	5.00			3042.00	
Hydraulic tool	5.00			3047.00	
Packer	5.00			3052.00	21.00 Bottom Of Top Packer
Packer	5.00			3057.00	
Stubb	1.00			3058.00	
Recorder	0.00	8648	Inside	3058.00	
Recorder	0.00	8940	Outside	3058.00	
Perforations	14.00			3072.00	
Bullnose	3.00			3075.00	18.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59334

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.08.14 @ 06:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	Mud	1.129

Total Length: 100.00 ft Total Volume: 1.129 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

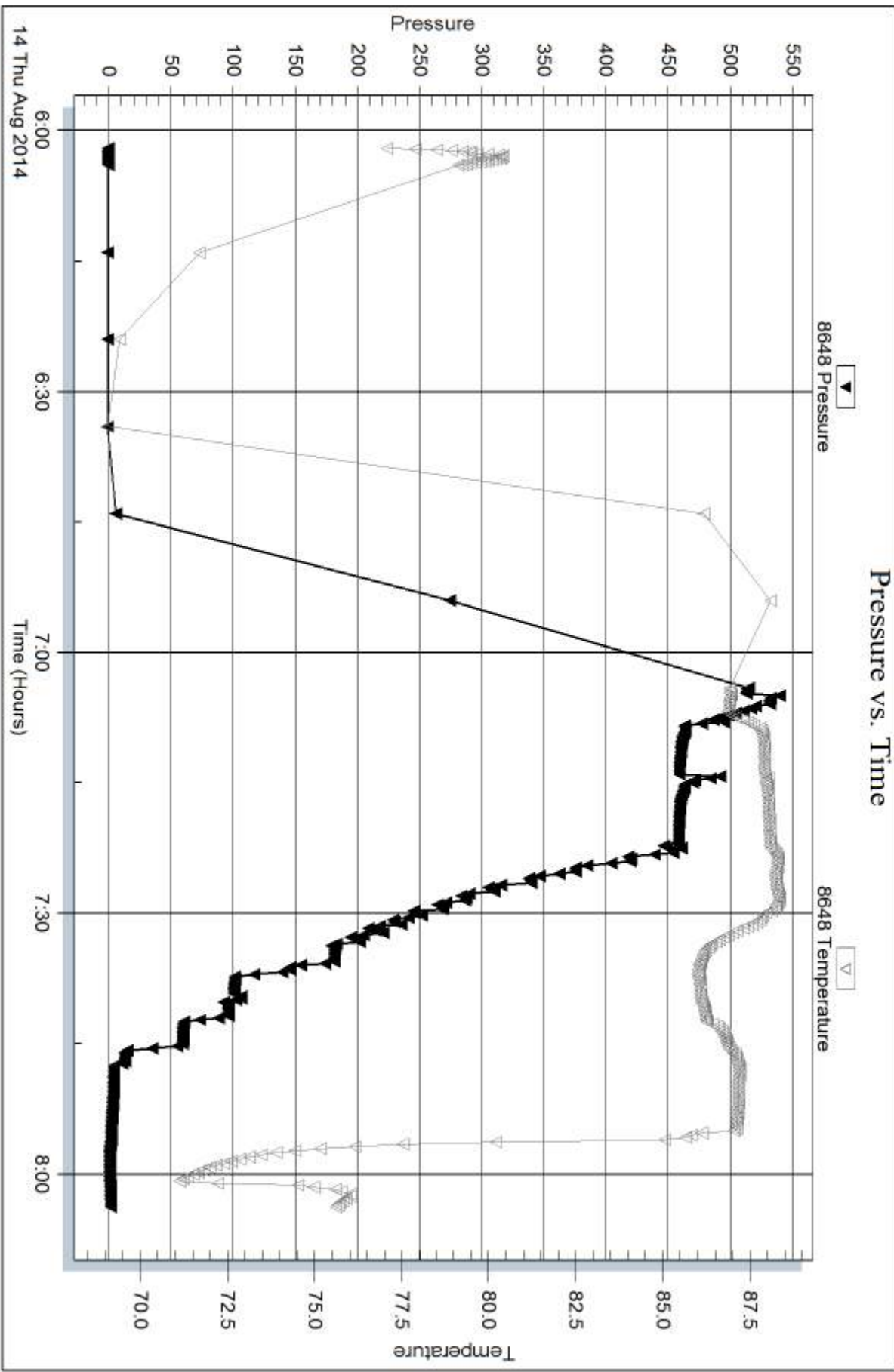
Serial #: 8648

Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59334

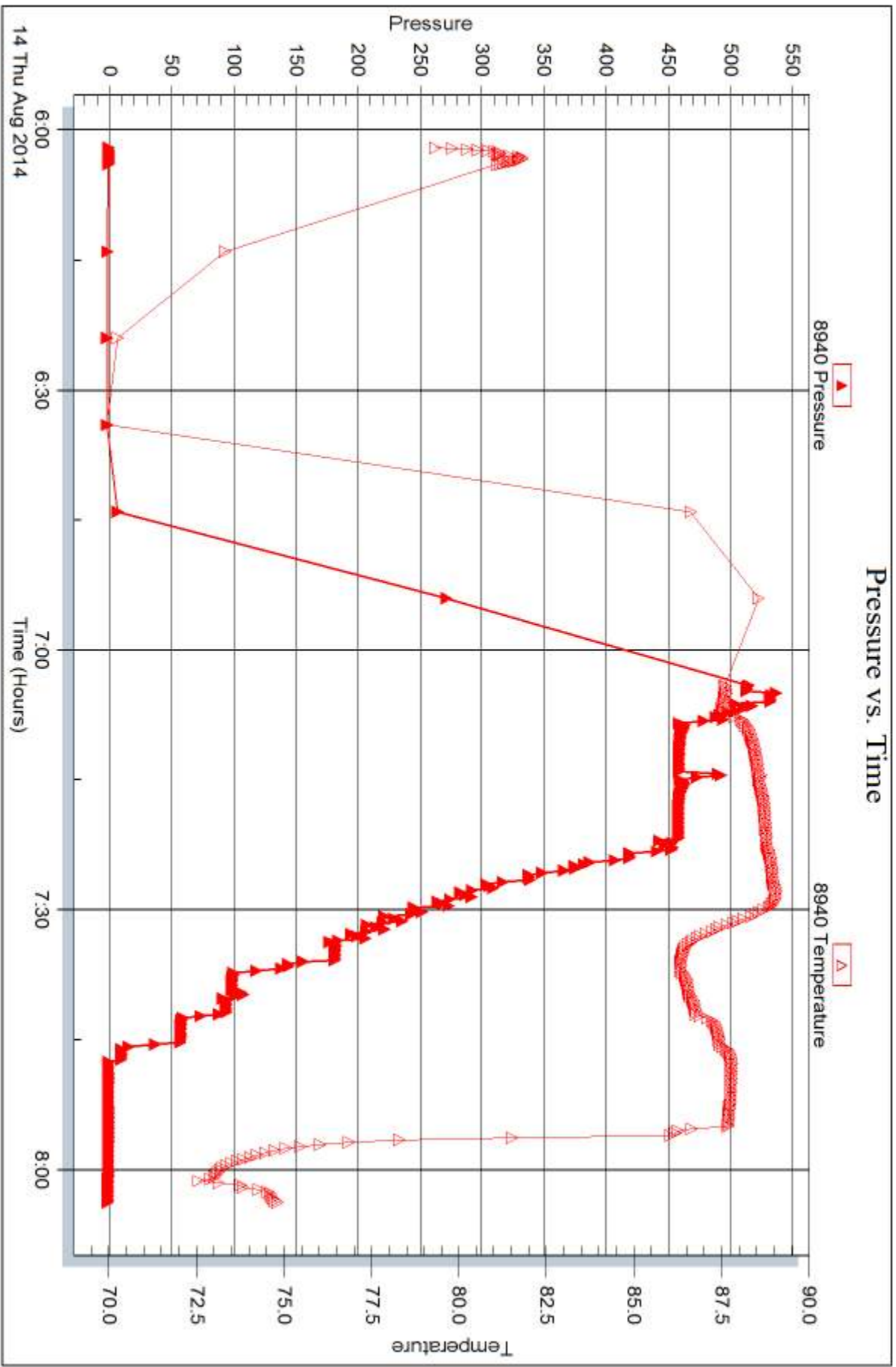
Printed: 2014.08.20 @ 09:43:24

Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 59334

Printed: 2014.08.20 @ 09:43:24



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.14 @ 11:03:00

End Date: 2014.08.14 @ 16:23:15

Job Ticket #: 59335 DST #: 2

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

Printed: 2014.08.20 @ 09:42:57



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59335

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.08.14 @ 11:03:00

GENERAL INFORMATION:

Formation: **Upper Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:16:30

Time Test Ended: 16:23:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3057.00 ft (KB) To 3075.00 ft (KB) (TVD)

Reference Elevations: 2067.00 ft (KB)

Total Depth: 3075.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: 95.13 psig @ 3058.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.14

End Date:

2014.08.14

Last Calib.:

2014.08.14

Start Time: 11:03:05

End Time:

16:23:14

Time On Btm:

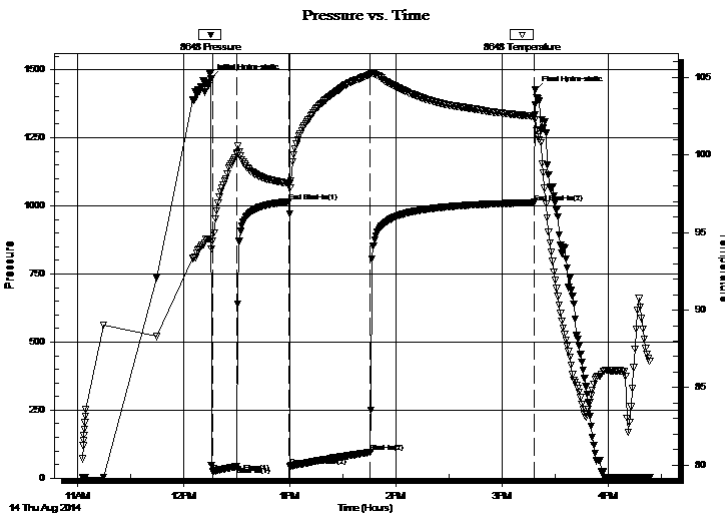
2014.08.14 @ 12:15:30

Time Off Btm:

2014.08.14 @ 15:18:30

TEST COMMENT: 15 - IF- 5" blow
30 - IS- No return
45 - FF- 8" blow
90 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1467.39	94.60	Initial Hydro-static
1	22.64	94.46	Open To Flow (1)
15	42.94	100.16	Shut-In(1)
44	1015.32	98.19	End Shut-In(1)
45	44.65	97.87	Open To Flow (2)
90	95.13	105.20	Shut-In(2)
183	1012.50	102.50	End Shut-In(2)
183	1424.66	102.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	WM, oil scum, 40%W, 60%M	0.10
120.00	MW, 5%M, 95%W	1.59

* 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

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59335

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.08.14 @ 11:03:00

Tool Information

Drill Pipe:	Length: 3039.00 ft	Diameter: 3.80 inches	Volume: 42.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 42.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3057.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 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
Change Over Sub	1.00			3037.00	
Shut In Tool	5.00			3042.00	
Hydraulic tool	5.00			3047.00	
Packer	5.00			3052.00	21.00 Bottom Of Top Packer
Packer	5.00			3057.00	
Stubb	1.00			3058.00	
Recorder	0.00	8648	Inside	3058.00	
Recorder	0.00	8940	Outside	3058.00	
Perforations	14.00			3072.00	
Bullnose	3.00			3075.00	18.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59335

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.08.14 @ 11:03:00

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: 125000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
20.00	WM, oil scum, 40%W, 60%M	0.098
120.00	MW, 5%M, 95%W	1.592

Total Length: 140.00 ft Total Volume: 1.690 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Salinity: .05 @ 94 Degrees = 125,000

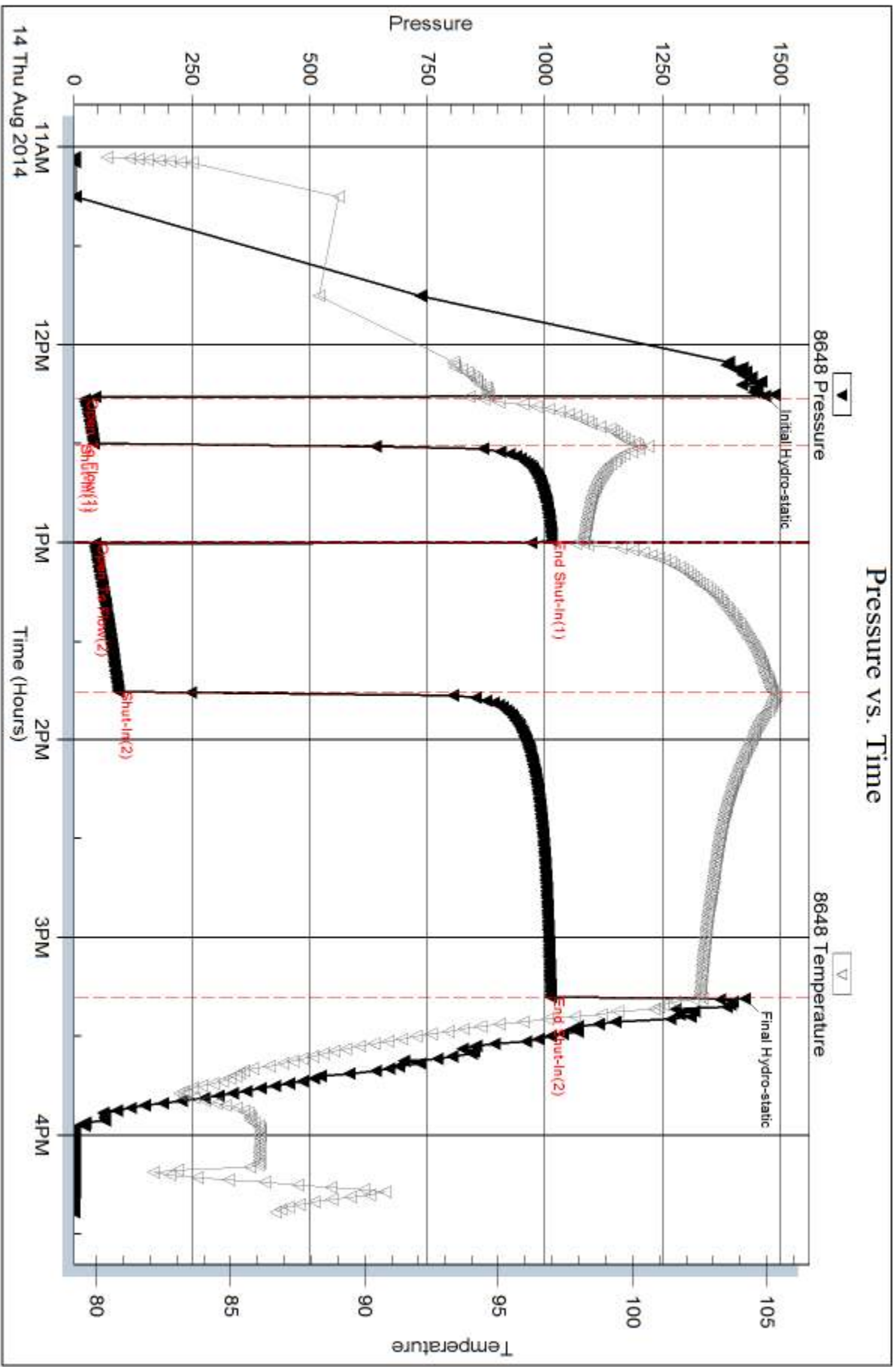
Serial #: 8648

Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 2

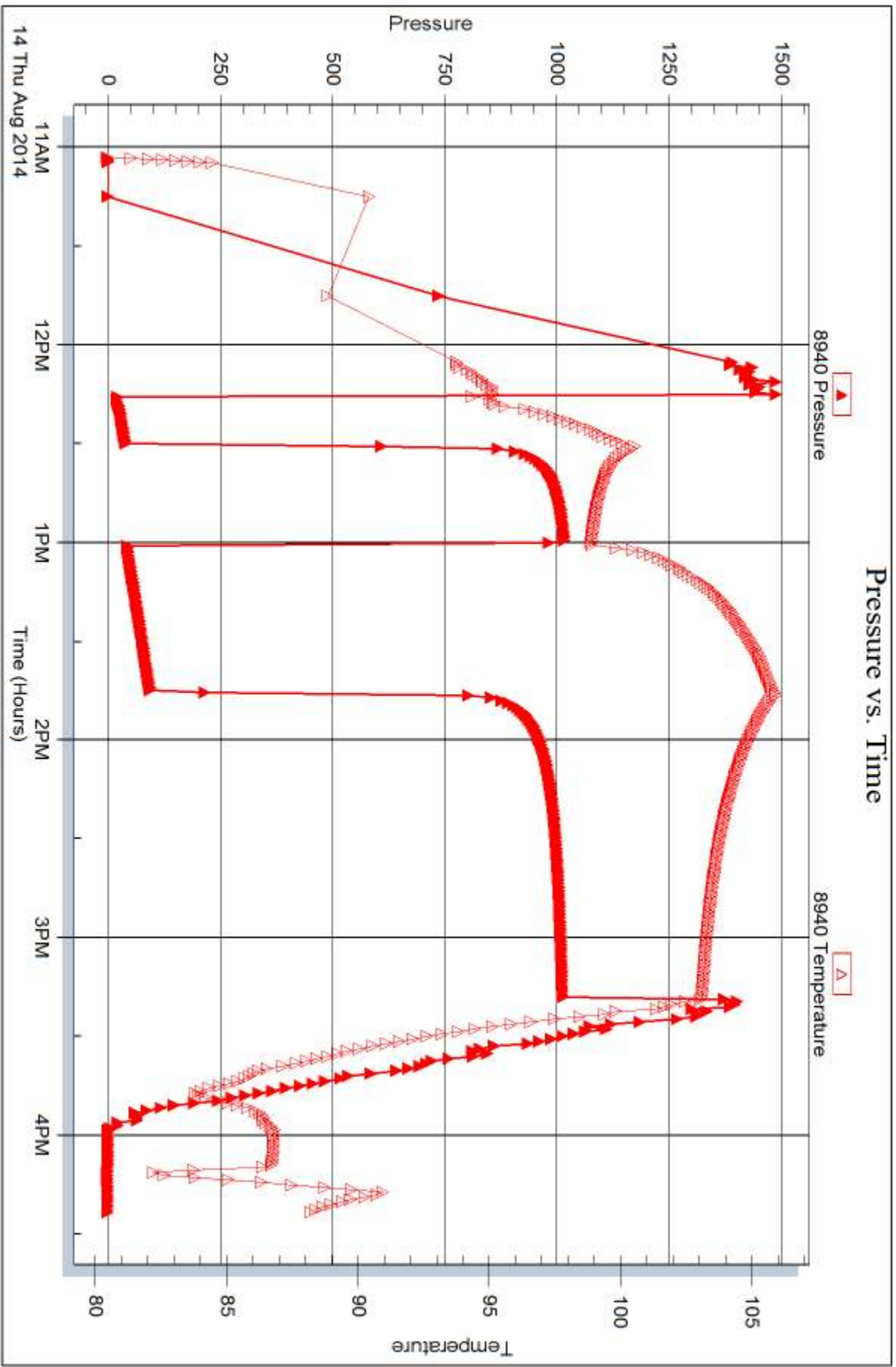


Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 59335

Printed: 2014.08.20 @ 09:43:00



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.15 @ 05:28:00

End Date: 2014.08.15 @ 12:15:00

Job Ticket #: 59336 DST #: 3

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

Printed: 2014.08.20 @ 09:40:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59336

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 05:28:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:42:15

Time Test Ended: 12:15:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3226.00 ft (KB) To 3270.00 ft (KB) (TVD)

Reference Elevations: 2067.00 ft (KB)

Total Depth: 3270.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: 87.99 psig @ 3262.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.15

End Date:

2014.08.15

Last Calib.:

2014.08.15

Start Time: 05:28:05

End Time:

12:14:59

Time On Btm:

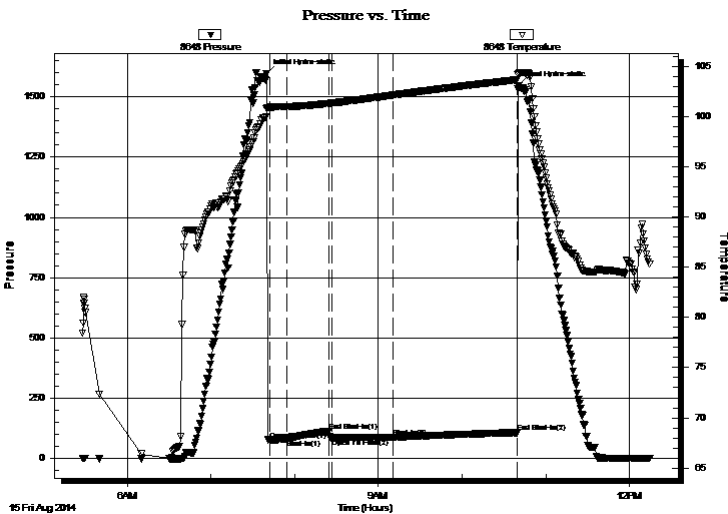
2014.08.15 @ 07:39:45

Time Off Btm:

2014.08.15 @ 10:40:15

TEST COMMENT: 15 - IF- B.O.B. in 1 minute and 30 seconds
30 - IS- Surface return
45 - FF- 5 3/4" blow
90 - FS- Surface return. Died in 25 minutes

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1595.34	100.74	Initial Hydro-static
3	74.02	100.91	Open To Flow (1)
15	80.82	100.96	Shut-In(1)
45	112.77	101.29	End Shut-In(1)
48	85.53	101.32	Open To Flow (2)
91	87.99	102.11	Shut-In(2)
180	107.24	103.64	End Shut-In(2)
181	1545.62	104.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	HOCM, 50%O, 50%M	1.34
25.00	GO, 2%G, 98%O	0.35
0.00	100' of G.I.P.	0.00

* 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

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59336

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 05:28:00

Tool Information

Drill Pipe:	Length: 3198.00 ft	Diameter: 3.80 inches	Volume: 44.86 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 45.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3226.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3206.00	
Shut In Tool	5.00			3211.00	
Hydraulic tool	5.00			3216.00	
Packer	5.00			3221.00	21.00 Bottom Of Top Packer
Packer	5.00			3226.00	
Stubb	1.00			3227.00	
Perforations	2.00			3229.00	
Change Over Sub	1.00			3230.00	
Drill Pipe	31.00			3261.00	
Change Over Sub	1.00			3262.00	
Recorder	0.00	8648	Inside	3262.00	
Recorder	0.00	8940	Outside	3262.00	
Perforations	5.00			3267.00	
Bullnose	3.00			3270.00	44.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59336

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 05:28:00

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	HOCM, 50%O, 50%M	1.340
25.00	GO, 2%G, 98%O	0.351
0.00	100' of G.I.P.	0.000

Total Length: 140.00 ft Total Volume: 1.691 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 31 @ 60 Degrees = 31

Serial #: 8648

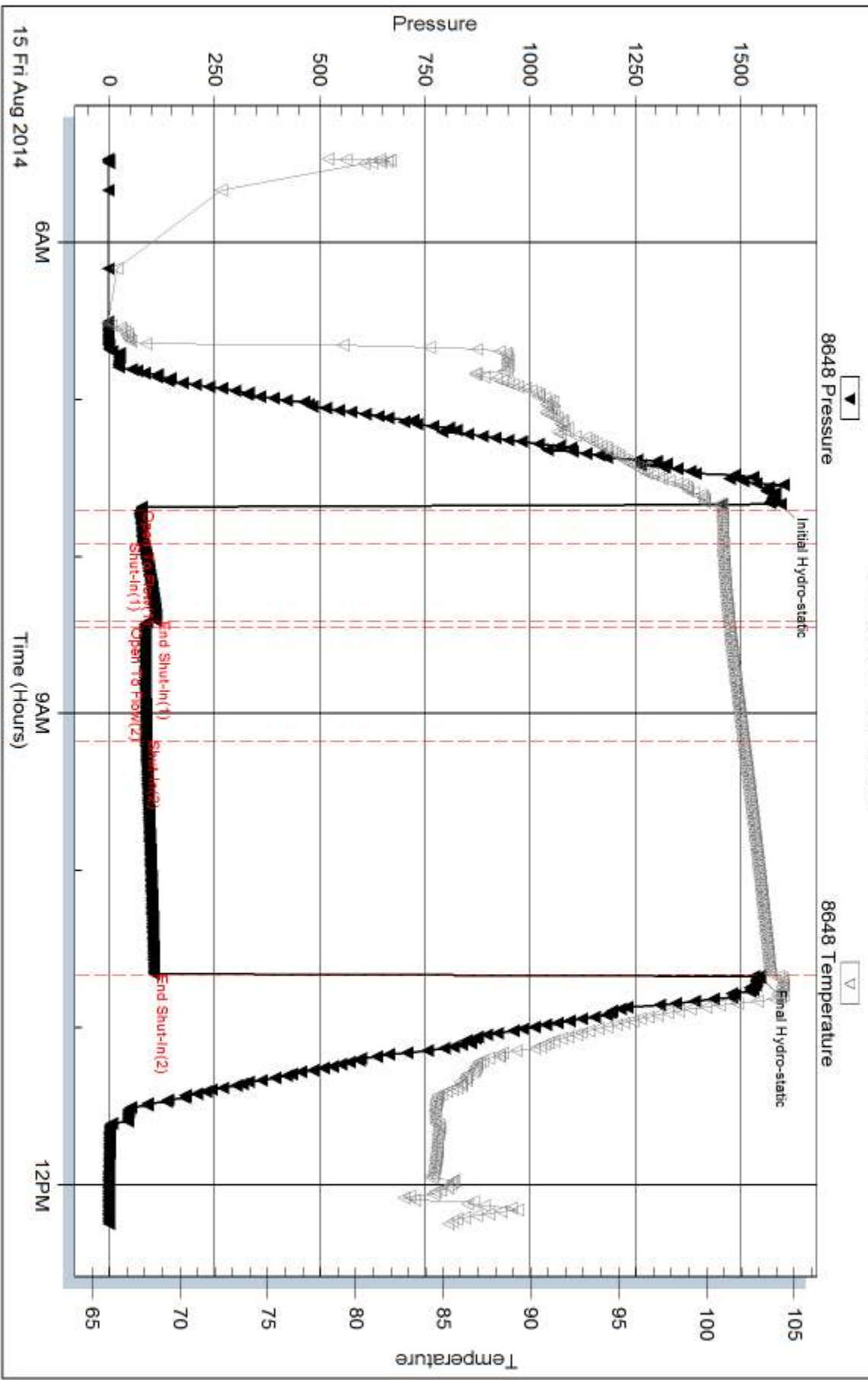
Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 3

Pressure vs. Time

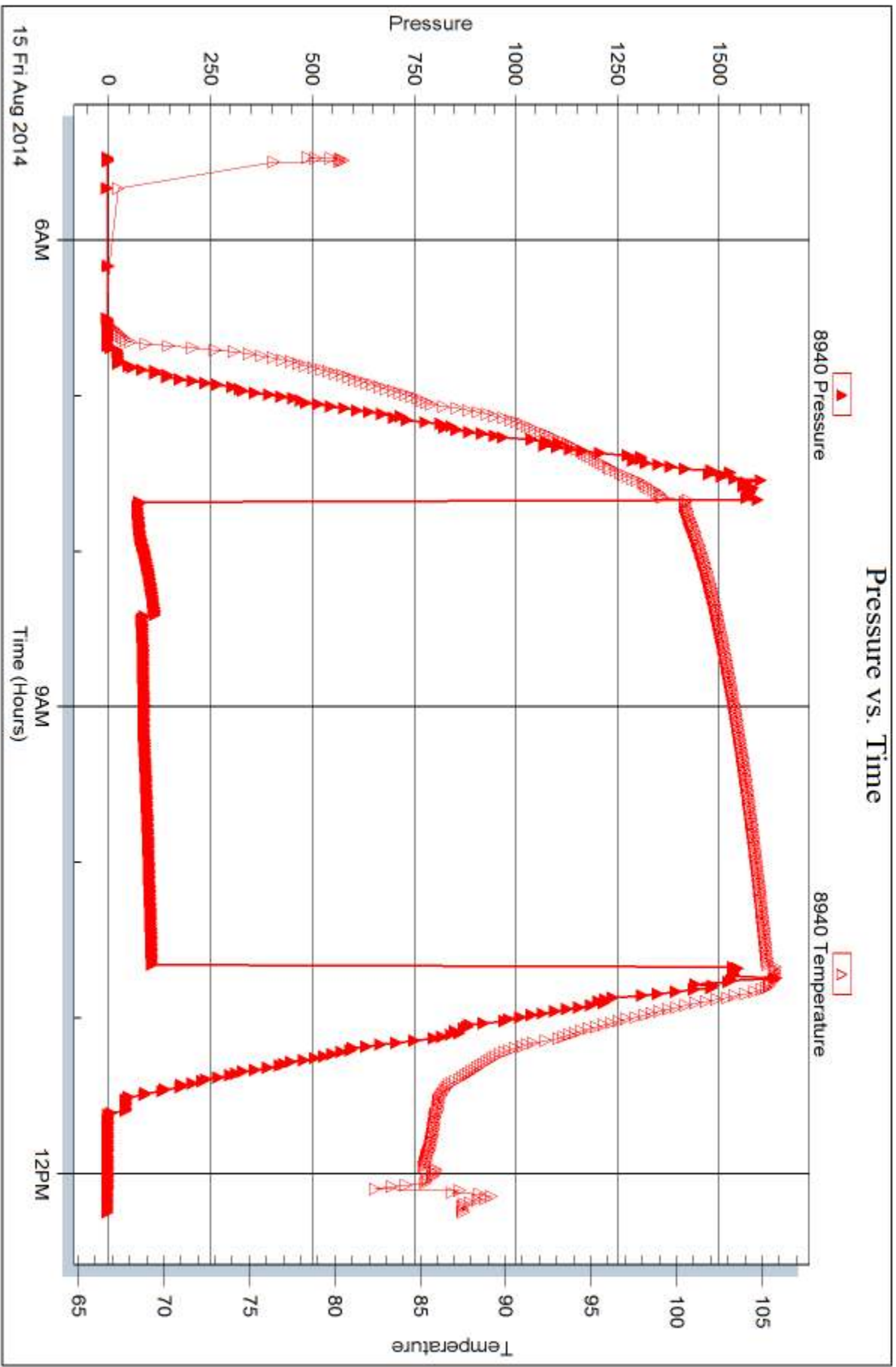


Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 59336

Printed: 2014.08.20 @ 09:40:26



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.15 @ 20:48:00

End Date: 2014.08.16 @ 03:49:45

Job Ticket #: 59337 DST #: 4

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

Printed: 2014.08.20 @ 09:39:55



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59337

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 20:48:00

GENERAL INFORMATION:

Formation: **LKC "A-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:52:30

Time Test Ended: 03:49:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3267.00 ft (KB) To 3342.00 ft (KB) (TVD)

Reference Elevations: 2067.00 ft (KB)

Total Depth: 3342.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: 202.83 psig @ 3334.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.15

End Date:

2014.08.16

Last Calib.:

2014.08.16

Start Time: 20:48:05

End Time:

03:49:44

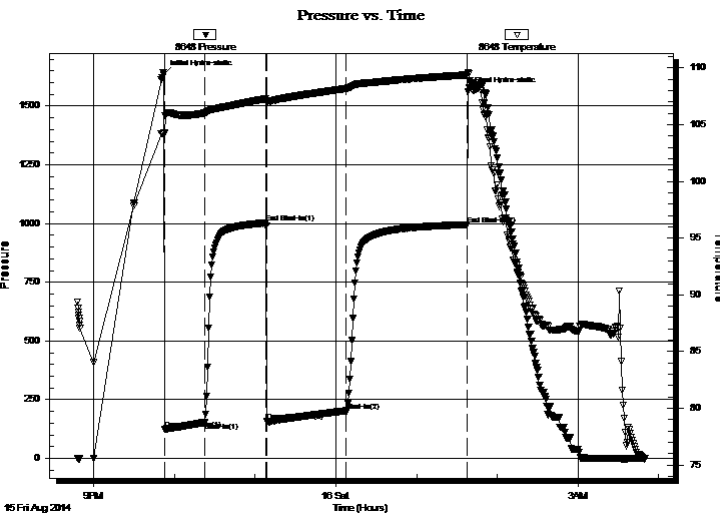
Time On Btm:

2014.08.15 @ 21:52:00

Time Off Btm:

2014.08.16 @ 01:38:15

TEST COMMENT: 30 - IF- 5" blow
45 - IS- No return
60 - FF- 6 1/2" blow
90 - FS- Surface return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.18	104.17	Initial Hydro-static
1	123.33	104.25	Open To Flow (1)
31	152.94	106.03	Shut-In(1)
76	1002.52	107.28	End Shut-In(1)
77	157.30	106.94	Open To Flow (2)
136	202.83	108.18	Shut-In(2)
226	995.47	109.39	End Shut-In(2)
227	1563.13	109.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCMW, 5%G, 5%W, 30%O, 60%M	1.47
124.00	GOCM, 10%G, 30%O, 60%M	1.74
62.00	HOCWM, 10%W, 40%O, 50%M	0.87
31.00	HOCM, 50%O, 50%M	0.43
0.00	248' G.I.P.	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

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59337

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 20:48:00

Tool Information

Drill Pipe:	Length: 3231.00 ft	Diameter: 3.80 inches	Volume: 45.32 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3267.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	96.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: ON FIRST open, went to open, 7' from bottom, opened tool.. lost mud, pulled tool up.. bled off pressure. Reset tool, opened it up. slid 7' got to bottom. drank about 80' of mud. got packers to hold.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3247.00	
Shut In Tool	5.00			3252.00	
Hydraulic tool	5.00			3257.00	
Packer	5.00			3262.00	21.00 Bottom Of Top Packer
Packer	5.00			3267.00	
Stubb	1.00			3268.00	
Perforations	2.00			3270.00	
Change Over Sub	1.00			3271.00	
Drill Pipe	62.00			3333.00	
Change Over Sub	1.00			3334.00	
Recorder	0.00	8648	Inside	3334.00	
Recorder	0.00	8940	Outside	3334.00	
Perforations	5.00			3339.00	
Bullnose	3.00			3342.00	75.00 Bottom Packers & Anchor
Total Tool Length:	96.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59337

DST#: 4

ATTN: Tim Lauer

Test Start: 2014.08.15 @ 20:48:00

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 750.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	GOCMW, 5%G, 5%W, 30%O, 60%M	1.466
124.00	GOCM, 10%G, 30%O, 60%M	1.739
62.00	HOCWM, 10%W, 40%O, 50%M	0.870
31.00	HOCM, 50%O, 50%M	0.435
0.00	248' G.I.P.	0.000

Total Length: 341.00 ft Total Volume: 4.510 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8648

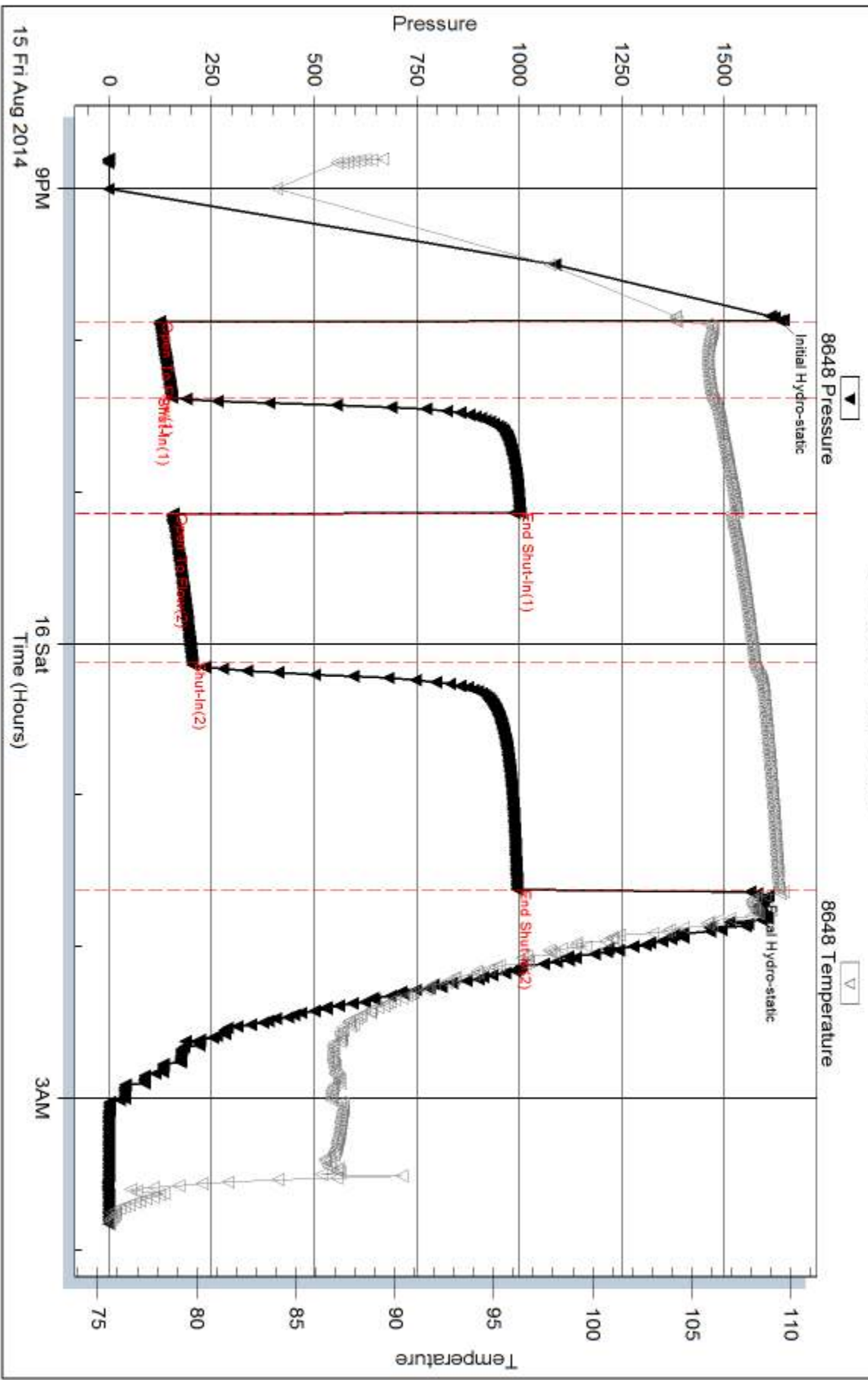
Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 59337

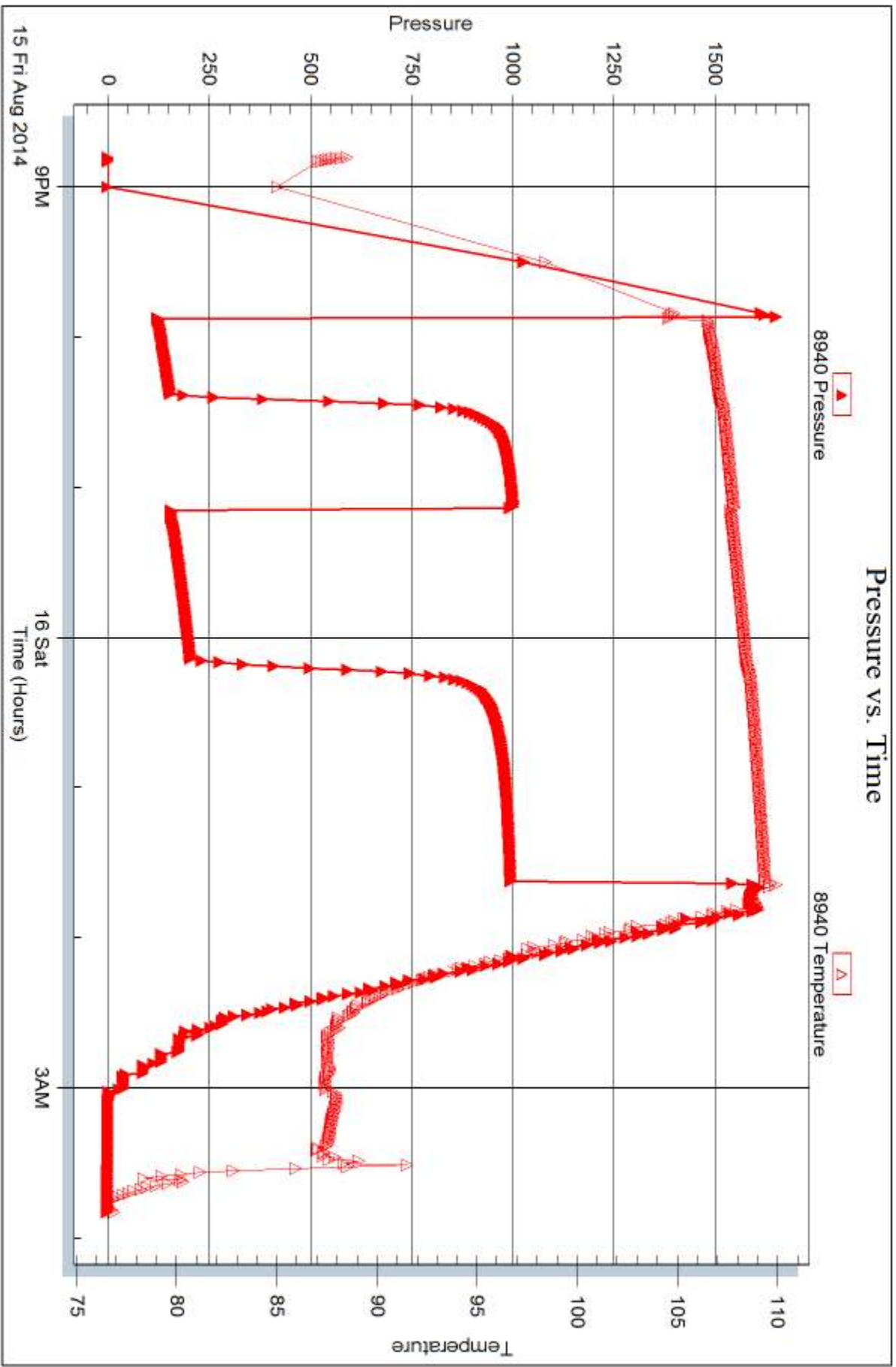
Printed: 2014.08.20 @ 09:39:57

Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 59337

Printed: 2014.08.20 @ 09:39:57



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.16 @ 09:35:00

End Date: 2014.08.16 @ 14:34:15

Job Ticket #: 59338 DST #: 5

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

Printed: 2014.08.20 @ 09:39:25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59338

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.08.16 @ 09:35:00

GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:11:30

Time Test Ended: 14:34:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3340.00 ft (KB) To 3357.00 ft (KB) (TVD)

Reference Elevations: 2067.00 ft (KB)

Total Depth: 3357.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: 29.83 psig @ 3341.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.16

End Date:

2014.08.16

Last Calib.:

2014.08.16

Start Time: 09:35:05

End Time:

14:34:14

Time On Btm:

2014.08.16 @ 11:11:15

Time Off Btm:

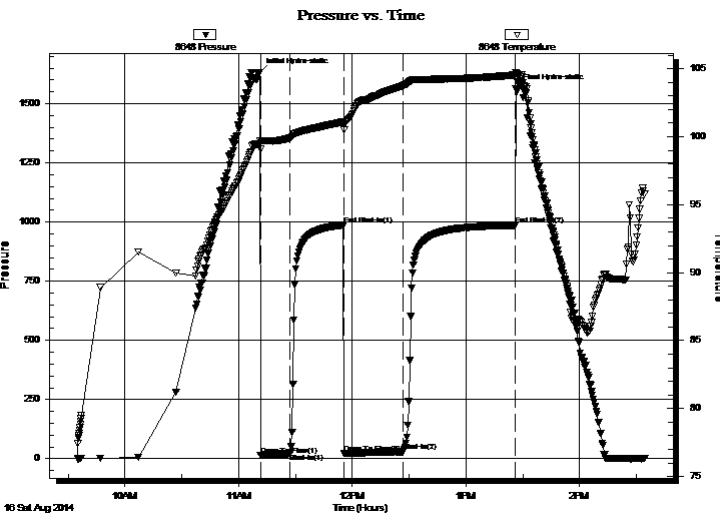
2014.08.16 @ 13:26:15

TEST COMMENT: 15 - IF- Surface blow

30 - IS- No return

30 - FF- No blow

60 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.22	99.73	Initial Hydro-static
1	14.30	99.09	Open To Flow (1)
16	21.42	99.90	Shut-In(1)
45	986.76	101.11	End Shut-In(1)
45	22.06	100.53	Open To Flow (2)
76	29.83	103.77	Shut-In(2)
135	986.56	104.54	End Shut-In(2)
135	1563.89	104.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud - Oil spots, 100%M	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

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59338

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.08.16 @ 09:35:00

Tool Information

Drill Pipe:	Length: 3293.00 ft	Diameter: 3.80 inches	Volume: 46.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 46.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3340.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	38.00 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			3320.00	
Shut In Tool	5.00			3325.00	
Hydraulic tool	5.00			3330.00	
Packer	5.00			3335.00	21.00 Bottom Of Top Packer
Packer	5.00			3340.00	
Stubb	1.00			3341.00	
Recorder	0.00	8648	Inside	3341.00	
Recorder	0.00	8940	Outside	3341.00	
Perforations	13.00			3354.00	
Bullnose	3.00			3357.00	17.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59338

DST#: 5

ATTN: Tim Lauer

Test Start: 2014.08.16 @ 09:35:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 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 bbbl
5.00	Mud - Oil spots, 100%M	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:

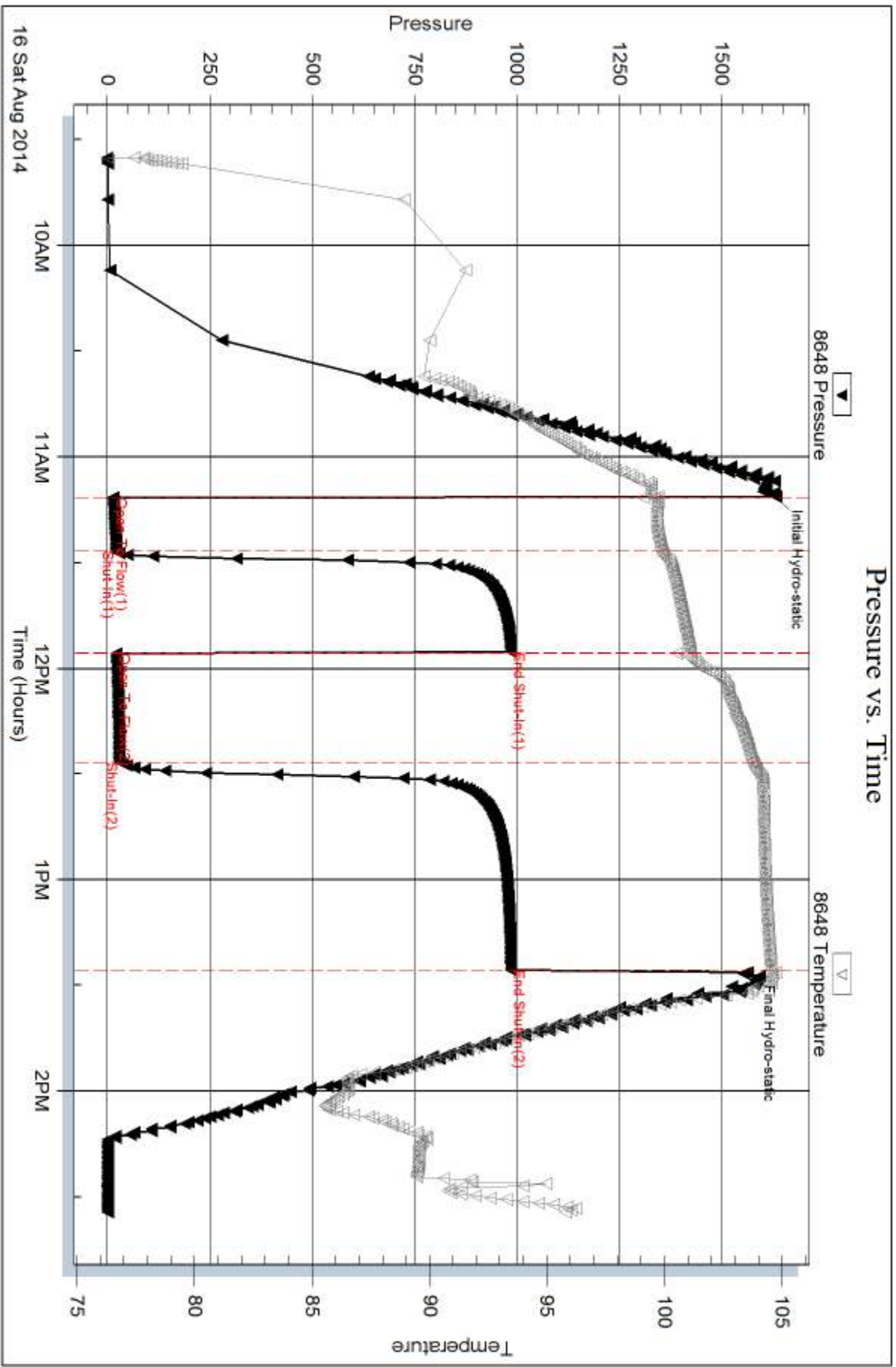
Serial #: 8648

Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 59338

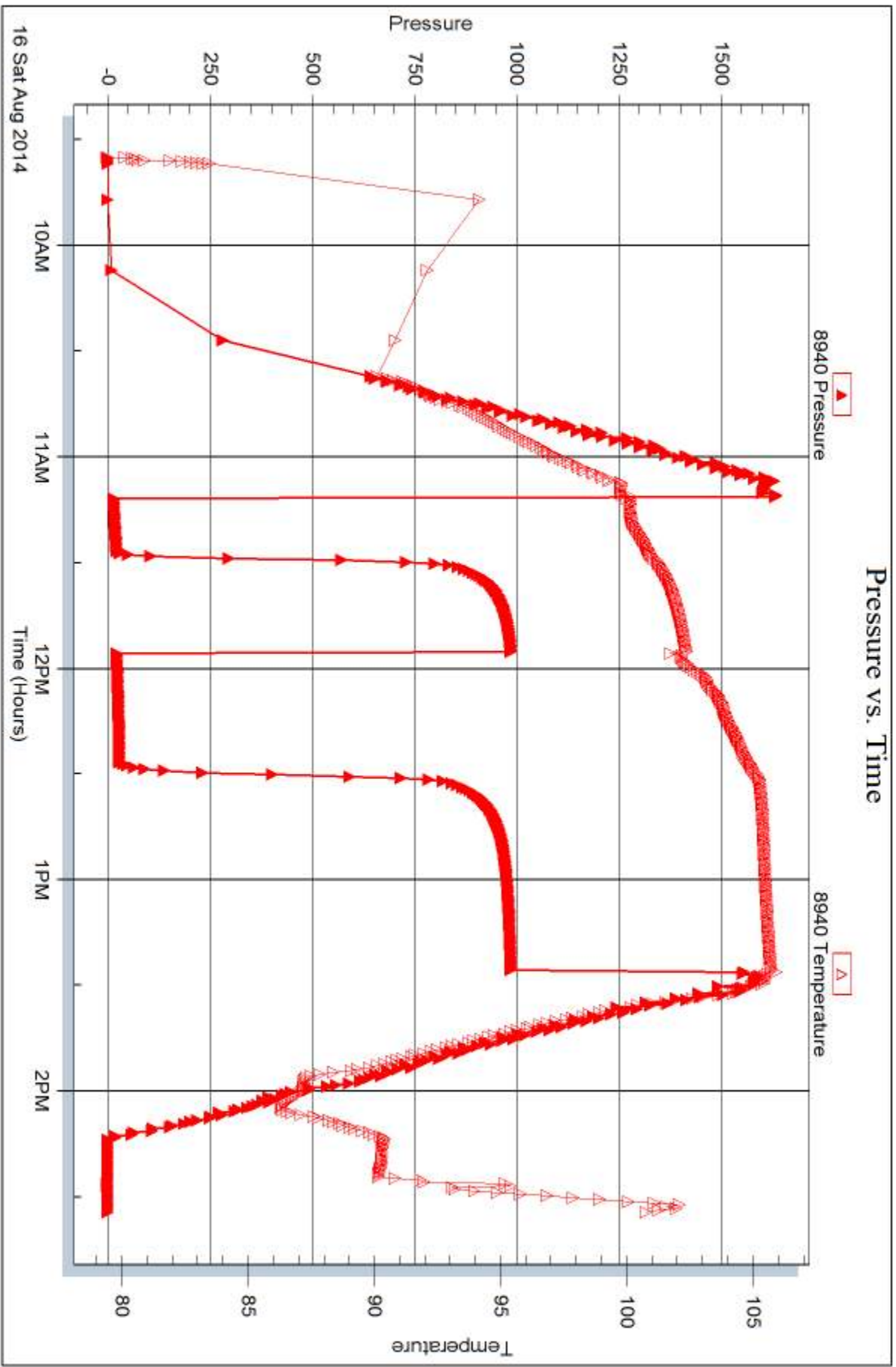
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Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 59338

Printed: 2014.08.20 @ 09:39:27



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St. STE 1500
Denver CO, 80202

ATTN: Tim Lauer

Bentz 33-1

33-6s-19w Rooks, KS

Start Date: 2014.08.17 @ 02:11:00

End Date: 2014.08.17 @ 08:19:00

Job Ticket #: 59339 DST #: 6

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

Printed: 2014.08.20 @ 09:38:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59339

DST#: 6

ATTN: Tim Lauer

Test Start: 2014.08.17 @ 02:11:00

GENERAL INFORMATION:

Formation: **LKC "I-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:30

Time Test Ended: 08:19:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: 3415.00 ft (KB) To 3495.00 ft (KB) (TVD)

Reference Elevations: 2067.00 ft (KB)

Total Depth: 3495.00 ft (KB) (TVD)

2062.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: 258.24 psig @ 3482.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.17

End Date:

2014.08.17

Last Calib.:

2014.08.17

Start Time: 02:11:05

End Time:

08:18:59

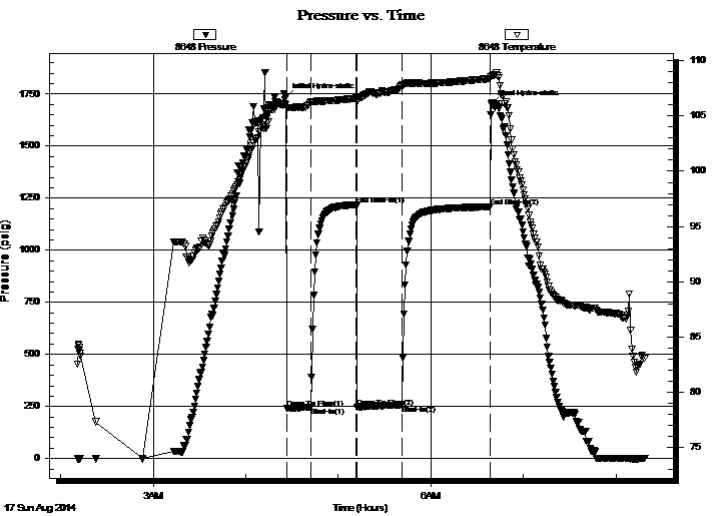
Time On Btm:

2014.08.17 @ 04:26:00

Time Off Btm:

2014.08.17 @ 06:39:15

TEST COMMENT: 15 - IF- 2" blow
30 - IS- No return
30 - FF- 1/2" blow
60 - FS- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1734.70	106.04	Initial Hydro-static
1	241.41	105.75	Open To Flow (1)
16	245.56	106.22	Shut-In(1)
46	1219.15	106.61	End Shut-In(1)
47	247.50	106.34	Open To Flow (2)
75	258.24	107.69	Shut-In(2)
133	1209.02	108.39	End Shut-In(2)
134	1701.60	108.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GHOCM, 20%G, 40%O, 40%M	0.60
372.00	Mud, 100%M	5.22

* 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

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59339

DST#: 6

ATTN: Tim Lauer

Test Start: 2014.08.17 @ 02:11:00

Tool Information

Drill Pipe:	Length: 3389.00 ft	Diameter: 3.80 inches	Volume: 47.54 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 47.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3415.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	101.00 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			3395.00	
Shut In Tool	5.00			3400.00	
Hydraulic tool	5.00			3405.00	
Packer	5.00			3410.00	21.00 Bottom Of Top Packer
Packer	5.00			3415.00	
Stubb	1.00			3416.00	
Perforations	2.00			3418.00	
Change Over Sub	1.00			3419.00	
Drill Pipe	62.00			3481.00	
Change Over Sub	1.00			3482.00	
Recorder	0.00	8648	Inside	3482.00	
Recorder	0.00	8940	Outside	3482.00	
Perforations	10.00			3492.00	
Bullnose	3.00			3495.00	80.00 Bottom Packers & Anchor

Total Tool Length: 101.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

33-6s-19w Rooks, KS

1600 Stout St. STE 1500
Denver CO, 80202

Bentz 33-1

Job Ticket: 59339

DST#: 6

ATTN: Tim Lauer

Test Start: 2014.08.17 @ 02:11:00

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 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
62.00	GHOCM, 20%G, 40%O, 40%M	0.596
372.00	Mud, 100%M	5.218

Total Length: 434.00 ft Total Volume: 5.814 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: tool opened 200' before bottom when we hit a bridge.

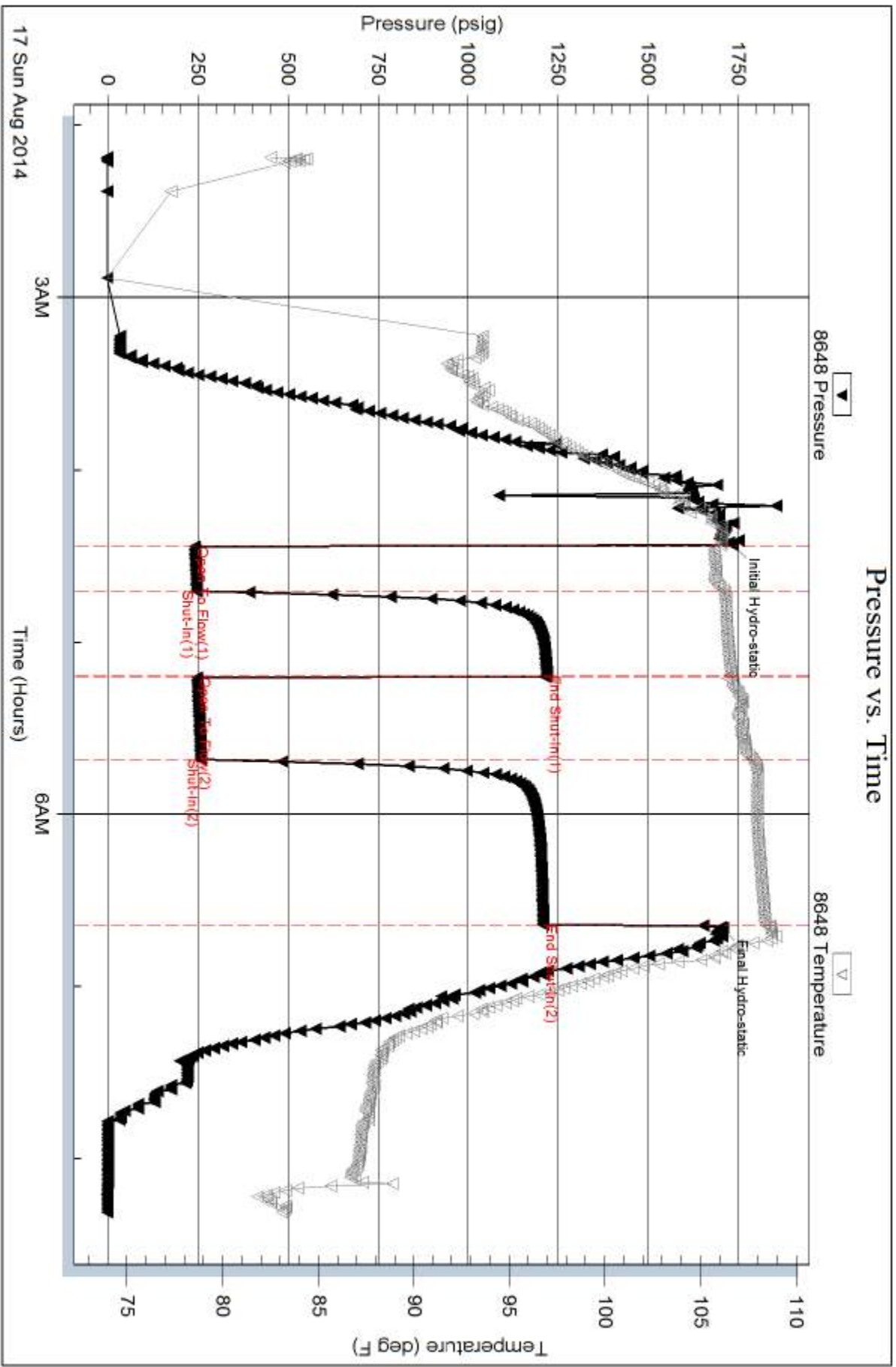
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Inside

Coral Production Corporation

Bentz 33-1

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 59339

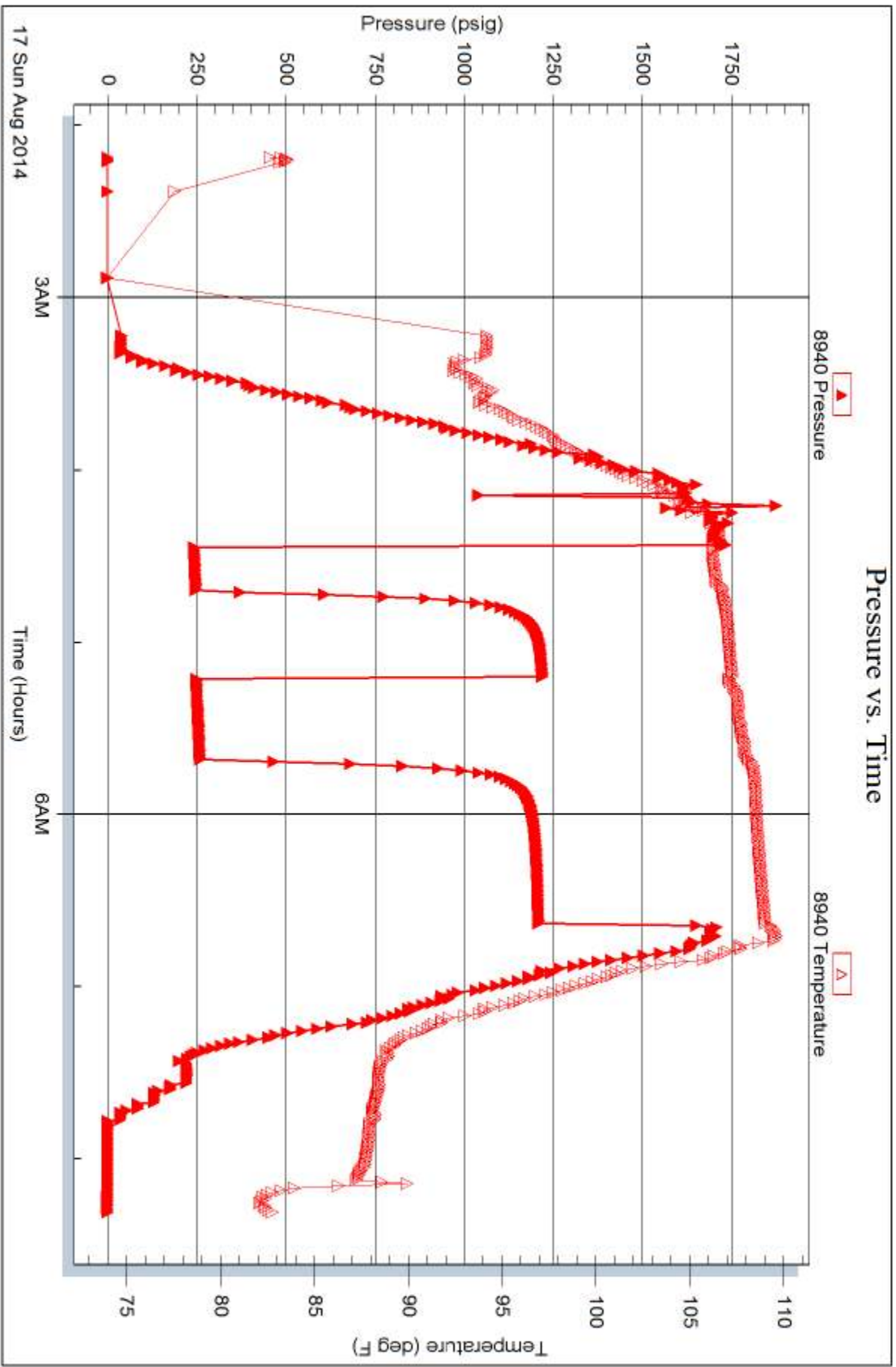
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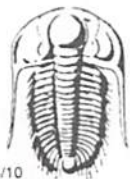
Serial #: 8940

Outside Coral Production Corporation

Bentz 33-1

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59334

Well Name & No. Bentz 33-1 Test No. 1 Date 8-14-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St STE 1500, Denver CO, 80202
 Co. Rep / Geo. Tim Lauer 316-253-1275 Rig Murfin #16
 Location: Sec. 33 Twp. 6S Rge. 19W Co. Rooks State KS

Interval Tested 3057-3075 Zone Tested Upper Topeka
 Anchor Length 18' Drill Pipe Run 3039' Mud Wt. _____
 Top Packer Depth 3052 Drill Collars Run 30' Vis _____
 Bottom Packer Depth 3057 Wt. Pipe Run _____ WL _____
 Total Depth 3075 Chlorides _____ ppm System LCM _____
 Blow Description Hit bridge half way going in with test tool.
Tried to go through it. Did NOT work.
- Come out w/test tool.

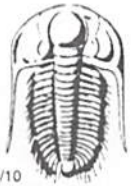
Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 100 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 950 T-On Location 0542
 (B) First Initial Flow Jars _____ T-Started 0602
 (C) First Final Flow Safety Joint _____ T-Open _____
 (D) Initial Shut-In Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow Hourly Standby _____ T-Out 0804
 (F) Second Final Flow Mileage 115RT 178.25 Comments _____
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open _____
 Initial Shut-In _____
 Final Flow _____
 Final Shut-In _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1128.25
 Sub Total _____
 Sub Total 0
 Total 1128.25
 MP/DST Disc't _____

Approved By _____ Our Representative Cody B...

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. 59335

Well Name & No. Bentz 33-1 Test No. 2 Date 8-14-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St. STE 1500, Denver CO, 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 16
 Location: Sec. 33 Twp. 65 Rge. 19w Co. Rooks State KS

Interval Tested 3057-3075 Zone Tested Upper Topeka
 Anchor Length 18' Drill Pipe Run 3039' Mud Wt. 9.0
 Top Packer Depth 3052 Drill Collars Run 30' Vis 53
 Bottom Packer Depth 3057 Wt. Pipe Run — WL 8.4
 Total Depth 3075 Chlorides 500 ppm System LCM —

Blow Description IF-5" blow
ISI- No return
FF-8" blow
FSI- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>WM-oil scum</u>		<u>40</u>	<u>60</u>	
<u>120</u>	<u>MW</u>		<u>95</u>	<u>5</u>	

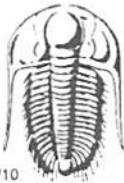
Rec Total 140' BHT 102° Gravity — API RW 105 @ 94 °F Chlorides 125,000 ppm

(A) Initial Hydrostatic 1467 Test 1150 T-On Location 11:02
 (B) First Initial Flow 22 Jars _____ T-Started 11:03
 (C) First Final Flow 42 Safety Joint _____ T-Open 12:15
 (D) Initial Shut-In 10:15 Circ Sub _____ T-Pulled 15:15
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 16:22
 (F) Second Final Flow 95 Mileage 115RT Comments _____
 (G) Final Shut-In 10:12 Sampler _____
 (H) Final Hydrostatic 1424 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 90 Day Standby _____ Total 1150
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1150

Approved By _____ Our Representative Cody Bloodom

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. 59336

Well Name & No. Bentz 33-1 Test No. 3 Date 8-15-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St. STE 1500, Denver CO, 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 16
 Location: Sec. 33 Twp. 6s Rge. 19w Co. ROOKS State KS

Interval Tested 3226-3270 Zone Tested Toronto
 Anchor Length 44' Drill Pipe Run 3198' Mud Wt. 9
 Top Packer Depth 3221 Drill Collars Run 30' Vis 53
 Bottom Packer Depth 3226 Wt. Pipe Run — WL 8.4
 Total Depth 3270 Chlorides 500 ppm System LCM —

Blow Description IF- B.O.B. in 1 minute & 30 seconds
ISI- Surface return
FF- 5 3/4" blow
FSI- Surface return. died in 25 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>115</u>	<u>HOCM</u>	<u>50</u>	<u>—</u>	<u>50</u>	<u>—</u>
<u>25</u>	<u>60</u>	<u>2</u>	<u>98</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>100' G.I.P.</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 140 BHT 103° Gravity 31 API RW — @ — °F Chlorides — ppm

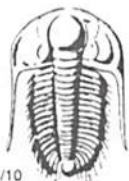
(A) Initial Hydrostatic <u>159.5</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0349</u>
(B) First Initial Flow <u>74</u>	<input type="checkbox"/> Jars <u>—</u>	T-Started <u>0528</u>
(C) First Final Flow <u>80</u>	<input type="checkbox"/> Safety Joint <u>—</u>	T-Open <u>0741</u>
(D) Initial Shut-In <u>112</u>	<input type="checkbox"/> Circ Sub <u>—</u>	T-Pulled <u>1041</u>
(E) Second Initial Flow <u>85</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>1216</u>
(F) Second Final Flow <u>87</u>	<input checked="" type="checkbox"/> Mileage <u>115RT</u> 178.25	Comments <u>31 @ 60 Degrees</u>
(G) Final Shut-In <u>107</u>	<input type="checkbox"/> Sampler <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
(H) Final Hydrostatic <u>154.5</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>

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

Sub Total 1328.25
 Total 1328.25
 MP/DST Disc't —

Approved By — Our Representative Cody Bluh

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59337

4/10

Well Name & No. Bentz 33-1 Test No. 4 Date 8-15-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St. STE 1500, Denver CO, 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 16
 Location: Sec. 33 Twp. 6S Rge. 19W Co. Rooks State Ks

Interval Tested 3267-3342 Zone Tested LKC "A-D"
 Anchor Length 75' Drill Pipe Run 3231 Mud Wt. 9.3
 Top Packer Depth 3262 Drill Collars Run 30' Vis 47
 Bottom Packer Depth 3267 Wt. Pipe Run ~~3231~~ WL 8
 Total Depth 3342 Chlorides 750 ppm System LCM -

Blow Description IF-5" blow
ISI- No return
FF- 6 1/2" blow
FsF - Surface return

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>60CMW</u>	<u>5</u>	<u>30</u>	<u>5</u>	<u>60</u>
<u>124</u>	<u>60CM</u>	<u>10</u>	<u>30</u>	<u>60</u>	<u>60</u>
<u>62</u>	<u>40CMW</u>	<u>40</u>	<u>10</u>	<u>50</u>	<u>50</u>
<u>31</u>	<u>40CM</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>
	<u>248' G.I.P.</u>				

Rec Total 341' BHT 109° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1635 Test 1150 T-On Location 2038
 (B) First Initial Flow 123 Jars _____ T-Started 2048
 (C) First Final Flow 152 Safety Joint _____ T-Open 2152
 (D) Initial Shut-In 1002 Circ Sub _____ T-Pulled 0137
 (E) Second Initial Flow 157 Hourly Standby _____ T-Out 0349
 (F) Second Final Flow 202 Mileage 15RT 178.25 Comments _____
 (G) Final Shut-In 995 Sampler _____
 (H) Final Hydrostatic 1563 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1328.25
 Final Flow 60 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1328.25

Approved By _____ Our Representative Cody Bledom

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. 59338

Well Name & No. Bentz 33-1 Test No. 5 Date 8-16-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St. STE 1500, Denver CO, 80202
 Co. Rep / Geo. Tim Lawer Rig Murfin 16
 Location: Sec. 33 Twp. 65 Rge. 19W Co. Rooks State KS

Interval Tested 3340-3357 Zone Tested LKC "E-F"
 Anchor Length 17' Drill Pipe Run 3293' Mud Wt. 9.2
 Top Packer Depth 3335 Drill Collars Run 30' Vis 52
 Bottom Packer Depth 3340 Wt. Pipe Run — WL 8
 Total Depth 3357 Chlorides 500 ppm System LCM 1#

Blow Description IF - Surface blow
ISI - No return
FF - No blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud - 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 5' BHT 104° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1632 Test 1150 T-On Location 0927
 (B) First Initial Flow 14 Jars — T-Started 0935
 (C) First Final Flow 21 Safety Joint — T-Open 1112
 (D) Initial Shut-In 986 Circ Sub — T-Pulled 1327
 (E) Second Initial Flow 22 Hourly Standby — T-Out 1434
 (F) Second Final Flow 29 Mileage 115RT 178.25 Comments —
 (G) Final Shut-In 986 Sampler —
 (H) Final Hydrostatic 1563 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Initial Open 15 Extra Recorder — Sub Total 0
 Initial Shut-In 30 Day Standby — Total 1328.75
 Final Flow 30 Accessibility — MP/DST Disc't —
 Final Shut-In 60 Sub Total 1328.75

Approved By _____ Our Representative Cody Bbedon

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59339

Well Name & No. Bentz 33-1 Test No. 6 Date 8-17-14
 Company Coral Production Corporation Elevation 2067 KB 2062 GL
 Address 1600 Stout St. STE 1500 Denver CO, 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 16
 Location: Sec. 33 Twp. 6S Rge. 19W Co. Rooks State KS

Interval Tested 3415-3495 Zone Tested LKC "I-L"
 Anchor Length 80' Drill Pipe Run 3389' Mud Wt. 9.2
 Top Packer Depth 3410 Drill Collars Run 30' Vis 52
 Bottom Packer Depth 3415 Wt. Pipe Run - WL 8
 Total Depth 3495 Chlorides 500 ppm System LCM 1#

Blow Description IF - 2" blow
ISI - No return
FF - 1/2" blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>GHOCM</u>	<u>20</u>	<u>40</u>	<u>40</u>	<u>0</u>
<u>372</u>	<u>Mud</u>			<u>100</u>	<u>0</u>

Rec Total 434 BHT 108° Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1734</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0201</u>
(B) First Initial Flow <u>241</u>	<input type="checkbox"/> Jars	T-Started <u>0211</u>
(C) First Final Flow <u>245</u>	<input type="checkbox"/> Safety Joint	T-Open <u>0427</u>
(D) Initial Shut-In <u>1219</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0642</u>
(E) Second Initial Flow <u>247</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0820</u>
(F) Second Final Flow <u>258</u>	<input checked="" type="checkbox"/> Mileage <u>15RT</u> 178.25	Comments
(G) Final Shut-In <u>1209</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1701</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1328.75</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1328.25</u>	

Approved By _____ Our Representative Cody Black

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