



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver, CO 80202

ATTN: Tim Lauer

Spangenberg #35-3

35-21S-14W Stafford,KS

Start Date: 2014.09.19 @ 04:02:20

End Date: 2014.09.19 @ 10:01:05

Job Ticket #: 57762 DST #: 1

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

Printed: 2014.09.24 @ 14:43:08



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

35-21S-14W Stafford, KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57762

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 04:02:20

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:49:35

Time Test Ended: 10:01:05

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3568.00 ft (KB) To 3580.00 ft (KB) (TVD)

Reference Elevations: 1946.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 54.19 psig @ 3569.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.19

End Date:

2014.09.19

Last Calib.:

2014.09.19

Start Time: 04:02:21

End Time:

10:01:05

Time On Btm:

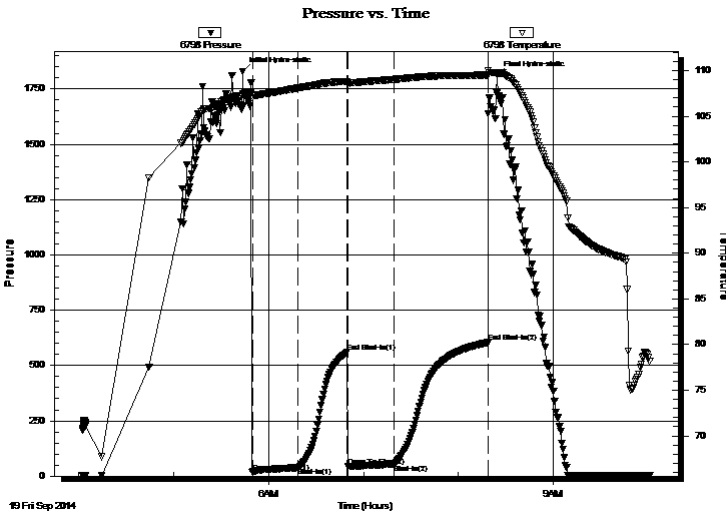
2014.09.19 @ 05:43:35

Time Off Btm:

2014.09.19 @ 08:24:20

TEST COMMENT: IF: Weak Blow , Built to 1 inch
IS: No Blow Back
FF: Weak Blow , Built to 1 inch
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.96	107.42	Initial Hydro-static
6	17.36	107.28	Open To Flow (1)
35	39.05	108.08	Shut-In(1)
66	560.83	108.83	End Shut-In(1)
67	43.68	108.64	Open To Flow (2)
96	54.19	109.03	Shut-In(2)
155	603.99	109.52	End Shut-In(2)
161	1812.68	109.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	OWCM 10%O 44%W 46%M	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57762

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 04:02:20

Tool Information

Drill Pipe:	Length: 3297.00 ft	Diameter: 3.80 inches	Volume: 46.25 bbl	Tool Weight: 2100.00 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: 276.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 47.61 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3568.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	31.00 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			3554.00	
Hydraulic tool	5.00			3559.00	
Packer	5.00			3564.00	19.00 Bottom Of Top Packer
Packer	4.00			3568.00	
Stubb	1.00			3569.00	
Recorder	0.00	6798	Inside	3569.00	
Recorder	0.00	8367	Outside	3569.00	
Perforations	8.00			3577.00	
Bullnose	3.00			3580.00	12.00 Bottom Packers & Anchor
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57762

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 04:02:20

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:

68000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	OWCM 10%O 44%W 46%M	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbf

Num Fluid Samples: 0

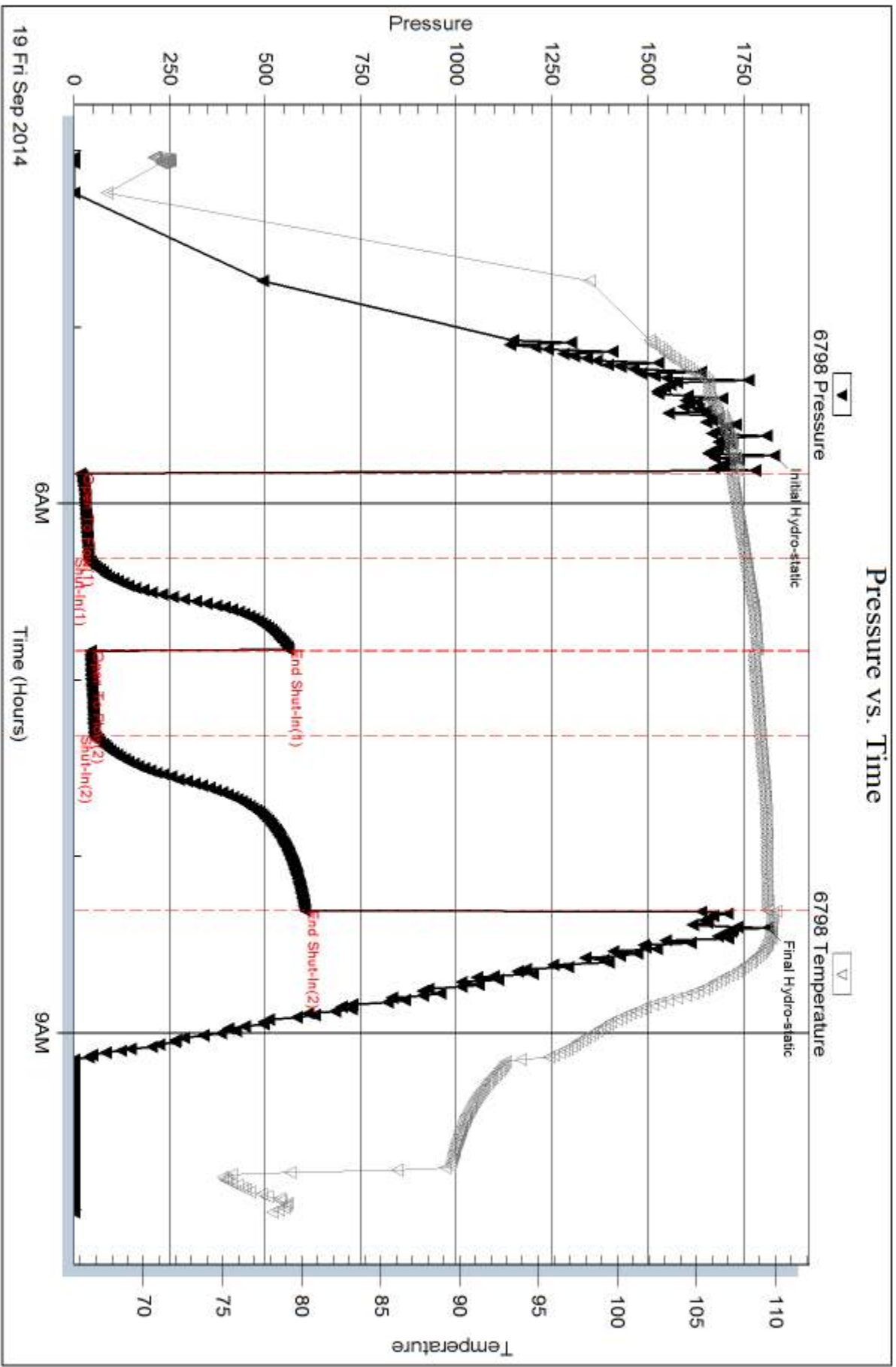
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .05 @ 70 degrees

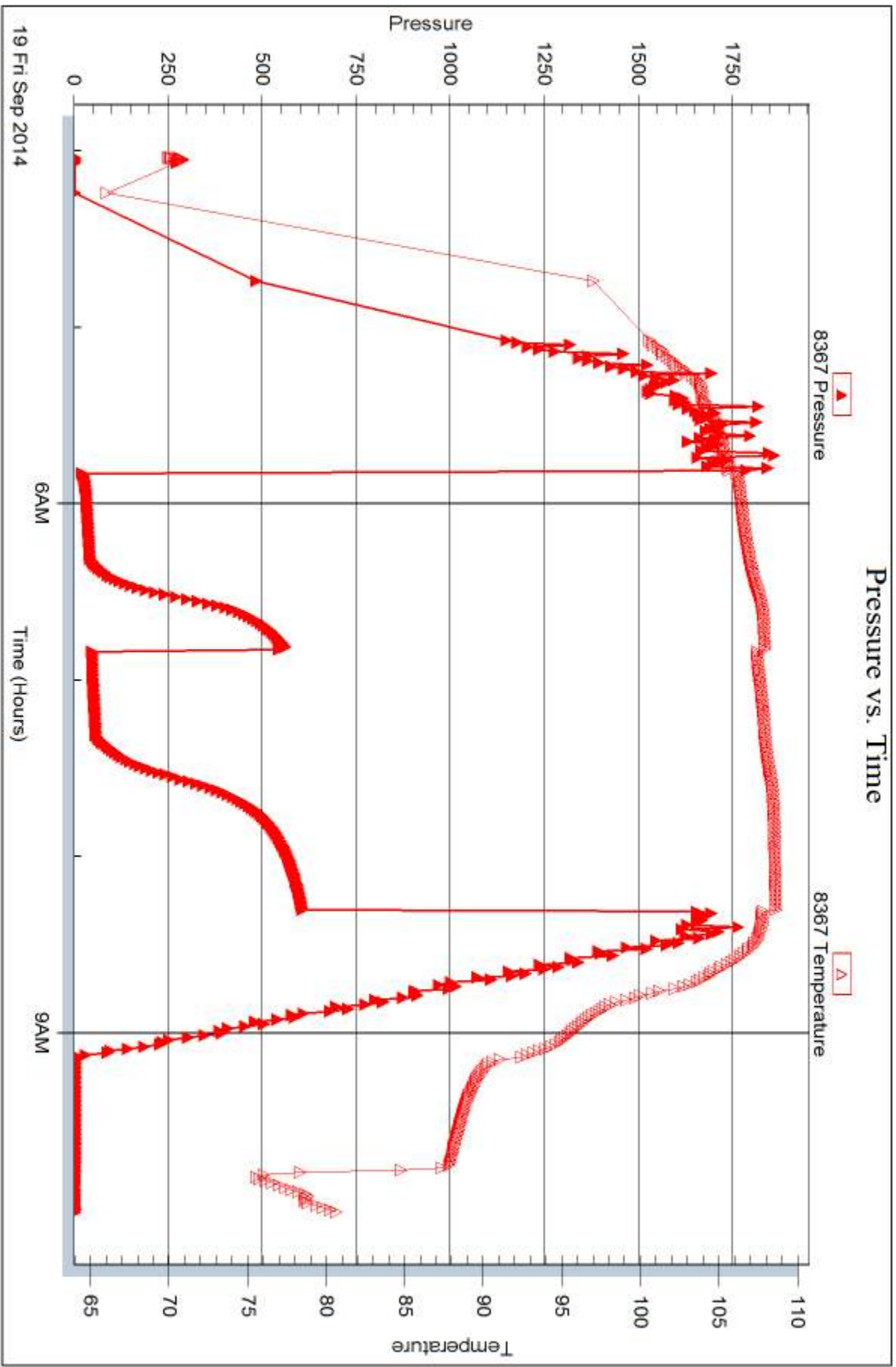


Serial #: 8367

Outside Coral Production Corporation

Spangenberg #35-3

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57762

Printed: 2014.09.24 @ 14:43:10



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver, CO 80202

ATTN: Tim Lauer

Spangenberg #35-3

35-21S-14W Stafford,KS

Start Date: 2014.09.19 @ 15:34:26

End Date: 2014.09.19 @ 22:20:11

Job Ticket #: 57763 DST #: 2

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

Printed: 2014.09.24 @ 14:42:52



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57763

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 15:34:26

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:27:26

Time Test Ended: 22:20:11

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3588.00 ft (KB) To 3612.00 ft (KB) (TVD)

Reference Elevations: 1946.00 ft (KB)

Total Depth: 3612.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 53.41 psig @ 3589.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.19

End Date:

2014.09.19

Last Calib.:

2014.09.19

Start Time:

15:34:27

End Time:

22:20:11

Time On Btm:

2014.09.19 @ 17:26:11

Time Off Btm:

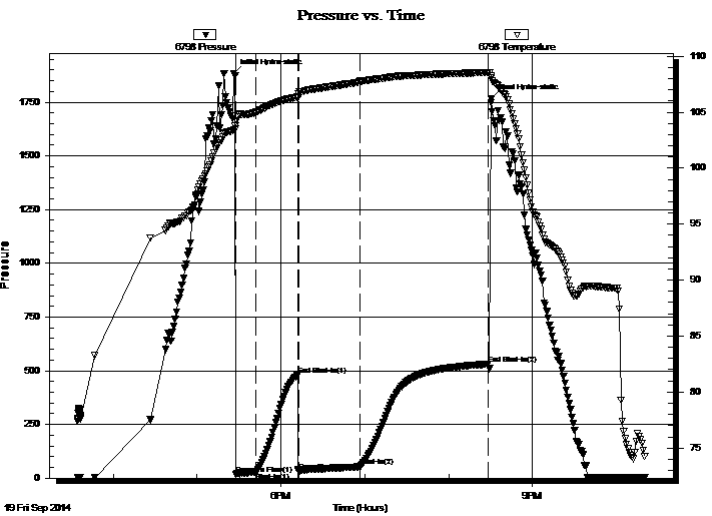
2014.09.19 @ 20:30:26

TEST COMMENT: IF: Fair Blow , Built to 4 inches

IS: No Blow Back

FF: Fair Blow , BOB in 35 minutes

FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.06	103.47	Initial Hydro-static
2	17.11	103.52	Open To Flow (1)
16	28.77	105.00	Shut-In(1)
46	480.44	106.36	End Shut-In(1)
47	33.00	106.69	Open To Flow (2)
91	53.41	107.77	Shut-In(2)
183	530.88	108.56	End Shut-In(2)
185	1764.75	108.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	600 GIP	0.00
70.00	OMCW 24%O 36%M 40%W	0.34

* 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

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57763

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 15:34:26

Tool Information

Drill Pipe:	Length: 3296.00 ft	Diameter: 3.80 inches	Volume: 46.23 bbl	Tool Weight: 2100.00 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: 276.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 47.59 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3588.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			3574.00	
Hydraulic tool	5.00			3579.00	
Packer	5.00			3584.00	19.00 Bottom Of Top Packer
Packer	4.00			3588.00	
Stubb	1.00			3589.00	
Recorder	0.00	6798	Inside	3589.00	
Recorder	0.00	8367	Outside	3589.00	
Perforations	20.00			3609.00	
Bullnose	3.00			3612.00	24.00 Bottom Packers & Anchor
Total Tool Length:	43.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57763

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.09.19 @ 15:34:26

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:

60000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	600 GIP	0.000
70.00	OMCW 24%O 36%M 40%W	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

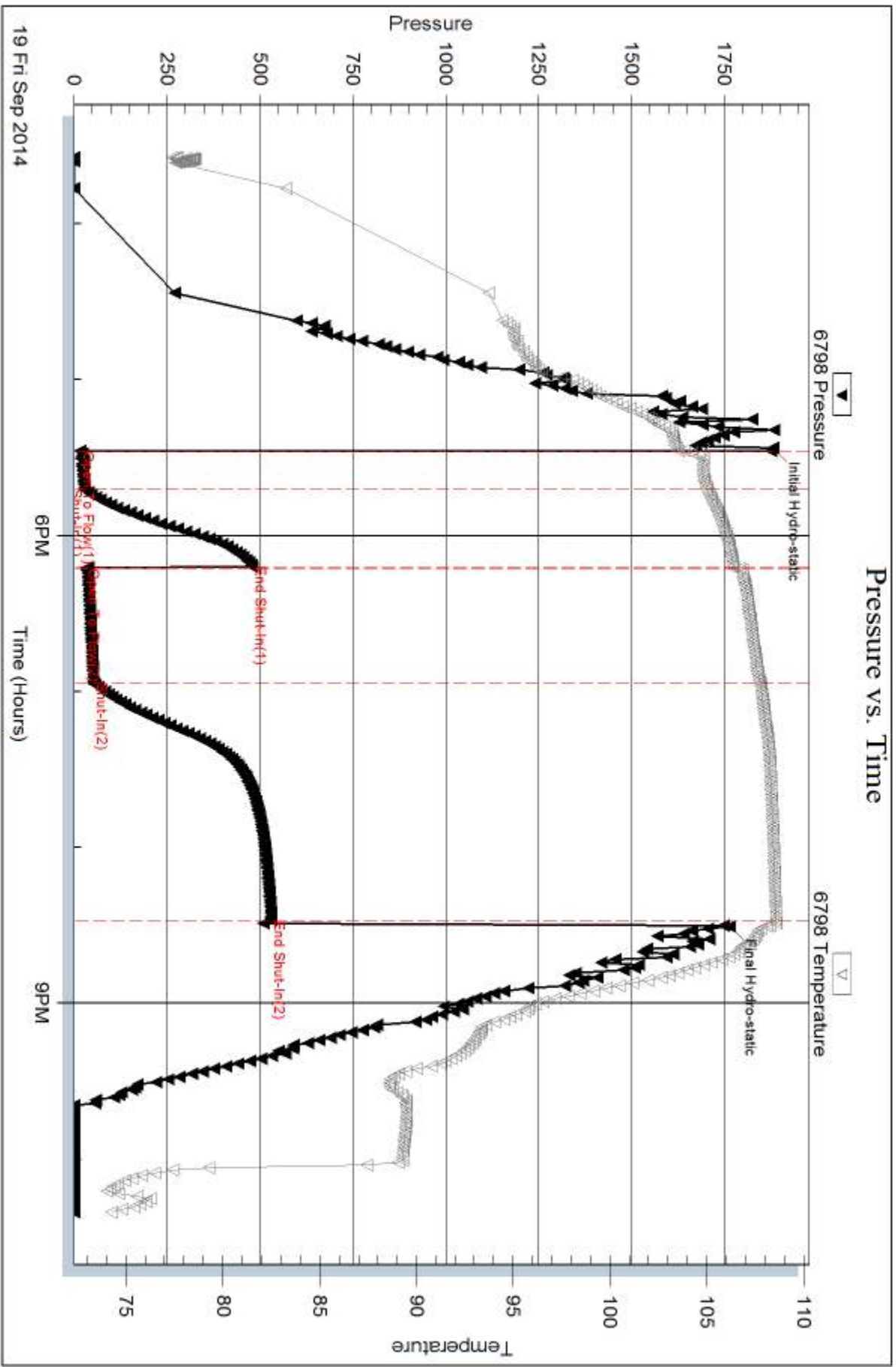
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .11 @ 81 degrees

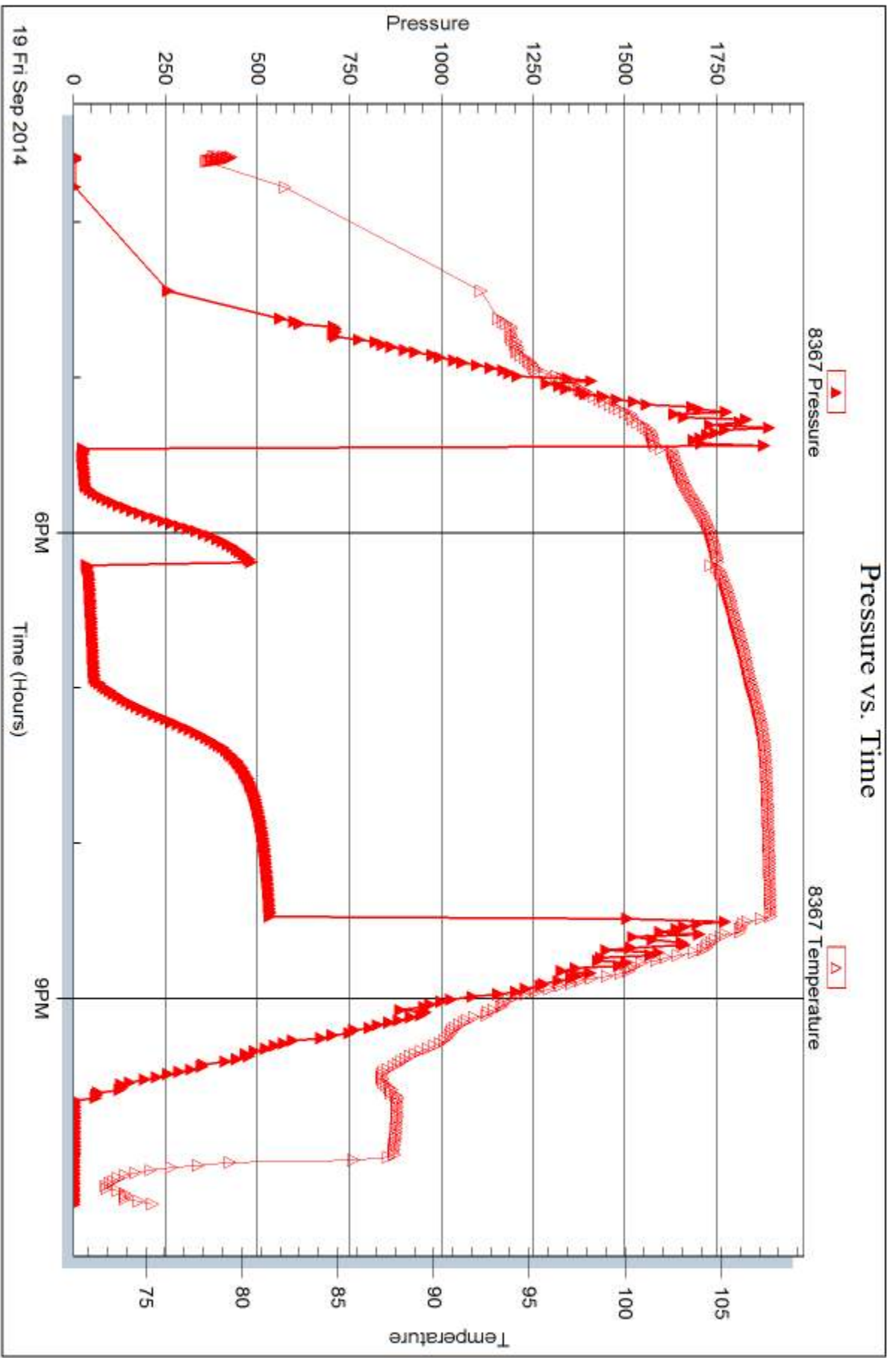


Serial #: 8367

Outside Coral Production Corporation

Spangenberg #35-3

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver, CO 80202

ATTN: Tim Lauer

Spangenberg #35-3

35-21S-14W Stafford,KS

Start Date: 2014.09.20 @ 05:38:06

End Date: 2014.09.20 @ 12:46:13

Job Ticket #: 57764 DST #: 3

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

Printed: 2014.09.24 @ 14:42:35



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57764

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.09.20 @ 05:38:06

GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:16:51

Time Test Ended: 12:46:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3610.00 ft (KB) To 3655.00 ft (KB) (TVD)

Reference Elevations: 1946.00 ft (KB)

Total Depth: 3665.00 ft (KB) (TVD)

1935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 196.25 psig @ 3611.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.09.20

End Date:

2014.09.20

Last Calib.:

2014.09.20

Start Time: 05:38:07

End Time:

12:46:13

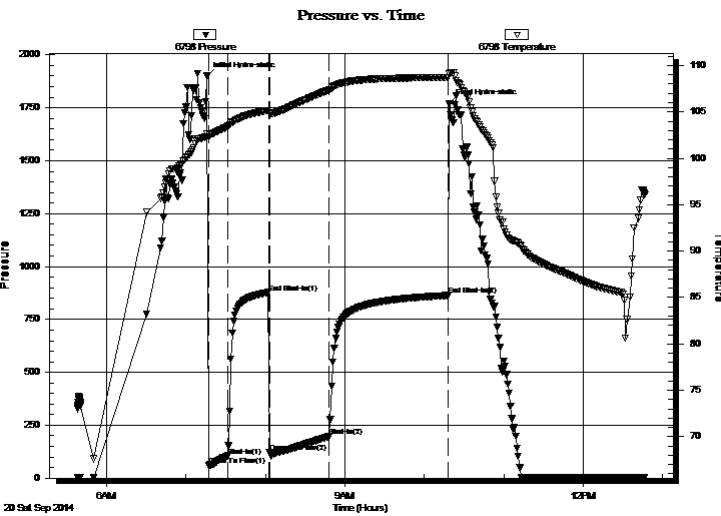
Time On Btm:

2014.09.20 @ 07:15:51

Time Off Btm:

2014.09.20 @ 10:18:51

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 2 minutes
FS: 4 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.67	102.59	Initial Hydro-static
1	62.27	102.27	Open To Flow (1)
16	105.14	103.43	Shut-In(1)
47	877.05	105.15	End Shut-In(1)
47	120.79	104.88	Open To Flow (2)
93	196.25	107.35	Shut-In(2)
182	863.19	108.73	End Shut-In(2)
183	1771.29	109.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	882 GIP	0.00
945.00	Gassy Oil 30%G 70%O	10.74

* 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

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57764

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.09.20 @ 05:38:06

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 bbl	Tool Weight: 2100.00 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: 276.00 ft	Diameter: 2.25 inches	Volume: 1.36 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 48.04 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3610.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 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
Shut In Tool	5.00			3596.00	
Hydraulic tool	5.00			3601.00	
Packer	5.00			3606.00	19.00 Bottom Of Top Packer
Packer	4.00			3610.00	
Stubb	1.00			3611.00	
Recorder	0.00	6798	Inside	3611.00	
Recorder	0.00	8367	Outside	3611.00	
Perforations	3.00			3614.00	
Change Over Sub	1.00			3615.00	
Drill Pipe	31.00			3646.00	
Change Over Sub	1.00			3647.00	
Perforations	15.00			3662.00	
Bullnose	3.00			3665.00	55.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

35-21S-14W Stafford,KS

1600 Stout St Ste 1500
Denver, CO 80202

Spangenberg #35-3

Job Ticket: 57764

DST#: 3

ATTN: Tim Lauer

Test Start: 2014.09.20 @ 05:38:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	882 GIP	0.000
945.00	Gassy Oil 30%G 70%O	10.742

Total Length: 945.00 ft Total Volume: 10.742 bbl

Num Fluid Samples: 0

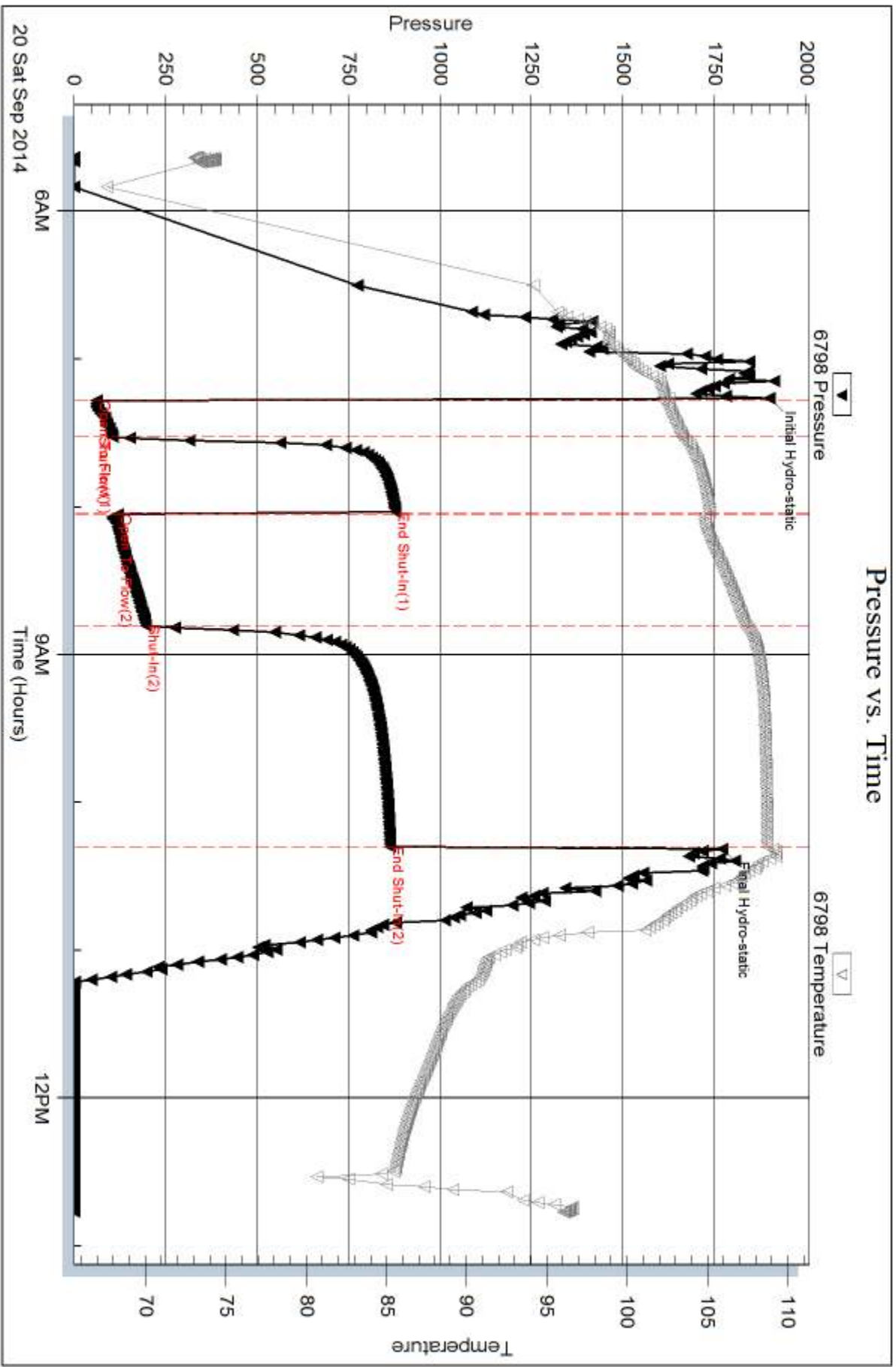
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 29.8 @ 90 degrees

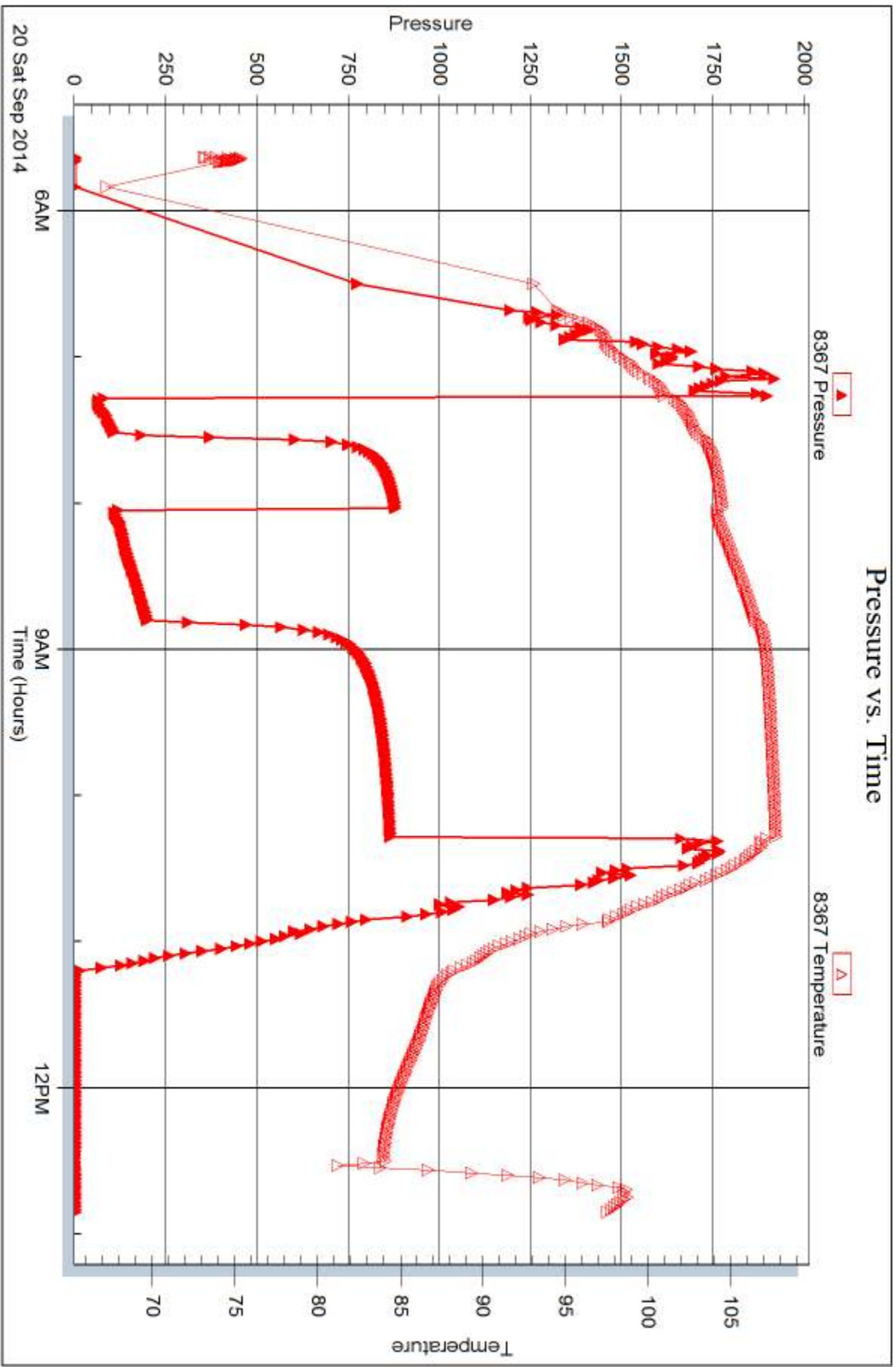


Serial #: 8367

Outside Coral Production Corporation

Spangenberg #35-3

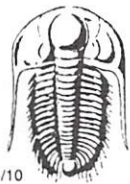
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 57764

Printed: 2014.09.24 @ 14:42:37



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57762

Well Name & No. Spangenberg 35-3 Test No. 1 Date 09/19/14
 Company Coral Production Corporation Elevation 1946 KB 1935 GL
 Address 1600 Stout St Ste 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 21
 Location: Sec. 35 Twp. 21S Rge. 14W Co. Stafford State KS

Interval Tested 3568 - 3580 Zone Tested Lansing "I"
 Anchor Length 12 Drill Pipe Run 3297 ~~3297~~ Mud Wt. 9.1
 Top Packer Depth 3563 Drill Collars Run 276 ~~348~~ Vis 51
 Bottom Packer Depth 3568 Wt. Pipe Run 0 WL 7.2
 Total Depth 3580 Chlorides 4000 ppm System LCM 1/2

Blow Description IF: weak Blow, Built to 1 inch
ISI: NO Blow Back
FF: weak Blow, Built to 1 inch
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>OWCM</u>	<u>10</u>	<u>44</u>	<u>44</u>	<u>44</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

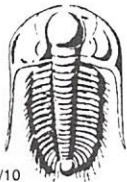
Rec Total 65 BHT 110 Gravity N/C API RW .65 @ 70° F Chlorides 68000 ppm

(A) Initial Hydrostatic 1830 Test 1150 T-On Location 01:45
 (B) First Initial Flow 17 Jars _____ T-Started 04:02
 (C) First Final Flow 39 Safety Joint _____ T-Open 05:49
 (D) Initial Shut-In 581 Circ Sub _____ T-Pulled 08:18
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 10:01
 (F) Second Final Flow 54 Mileage (80) 35rt 54.25 Comments _____
 (G) Final Shut-In 604 Sampler _____
 (H) Final Hydrostatic 1813 Straddle _____ Ruined Shale Packer _____

Initial Open 30 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 1204.25
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1204.25

Approved By Tim J. Lauer Our Representative _____

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **57763**

4/10

Well Name & No. Spangenberg 35-3 Test No. 2 Date 09/19/14
 Company Coral Production Corporation Elevation 1946 KB 1935 GL
 Address 1600 Stout St Ste 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig MURFIN 21
 Location: Sec. 35 Twp. 21S Rge. 14W Co. Stafford State KS

Interval Tested 3588 - 3612 Zone Tested Lansing "J"
 Anchor Length 24 Drill Pipe Run 3296 Mud Wt. 9.3
 Top Packer Depth 3583 Drill Collars Run 276 Vis 55
 Bottom Packer Depth 3588 Wt. Pipe Run 0 WL 6.8
 Total Depth 3612 Chlorides 3000 ppm System LCM 1

Blow Description IF: Fair Blow, Built to 4 inches
ISI: NO Blow Back

FF: Fair Blow, BOB in 35 minutes

FSE: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>600</u>	<u>GIP</u>				
<u>70</u>	<u>OMCW</u>		<u>24</u>	<u>40</u>	<u>36</u>

Rec Total 70 BHT 109 Gravity NIC API RW .11 @ 81 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 1882 Test 1150 T-On Location 15:15
 (B) First Initial Flow 17 Jars _____ T-Started 15:34
 (C) First Final Flow 29 Safety Joint _____ T-Open 17:27
 (D) Initial Shut-In 480 Circ Sub _____ T-Pulled 20:28
 (E) Second Initial Flow 33 Hourly Standby _____ T-Out 22:20
 (F) Second Final Flow 53 Mileage (80) 54.25 Comments _____
 (G) Final Shut-In 531 Sampler _____
 (H) Final Hydrostatic 1765 Straddle _____

Initial Open 15 Shale Packer _____
 Initial Shut-In 30 Shale Packer _____
 Final Flow 45 Extra Packer _____
 Final Shut-In 90 Extra Recorder _____
 Sub Total 1204.25 Day Standby _____
 Total 1204.25 Accessibility _____
 MP/DST Disc't _____

Approved By Tim Lauer 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. **57764**

4/10

Well Name & No. Spangenberg 35-3 Test No. 3 Date 09/20/14
 Company coral Production Corporation Elevation 1946 KB 1935 GL
 Address 1600 Stout St Ste 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lauer Rig Murfin 21
 Location: Sec. 35 Twp. 21S Rge. 14W Co. Stafford State KS

Interval Tested 3610 - 3665 Zone Tested Lansing "K+L"
 Anchor Length 55 Drill Pipe Run 3328 Mud Wt. 9.3
 Top Packer Depth 3605 Drill Collars Run 276 Vis 55
 Bottom Packer Depth 3610 Wt. Pipe Run 0 WL 6.8
 Total Depth 3665 Chlorides 3000 ppm System LCM 1#

Blow Description IF: Strong Blow, BOB in 3 minutes
ISI: weak surface Blow Back

FF: strong Blow, BOB in 2 minutes

FSI: 4 inch Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>882</u>	<u>GIP</u>				
<u>945</u>	<u>GSP oil</u>	<u>30</u>	<u>70</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 945 BHT 109 Gravity 26.8 API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic	<u>1899</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>05:15</u>
(B) First Initial Flow	<u>62</u>	<input type="checkbox"/> Jars		T-Started	<u>05:38</u>
(C) First Final Flow	<u>105</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>07:16</u>
(D) Initial Shut-In	<u>877</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>10:17</u>
(E) Second Initial Flow	<u>121</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>12:46</u>
(F) Second Final Flow	<u>196</u>	<input checked="" type="checkbox"/> Mileage	<u>(80)</u> 54.25	Comments	
(G) Final Shut-In	<u>863</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1771</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>45</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>90</u>	<input type="checkbox"/> Day Standby		Total	<u>1204.25</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1204.25</u>		

Approved By Tim J. Lauer 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.