



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver CO 80202-3133

ATTN: Tim Lauer

Hooper Trust #10-1

10 7s 18w Rooks,KS

Start Date: 2014.10.23 @ 06:42:00

End Date: 2014.10.23 @ 13:21:00

Job Ticket #: 60605 DST #: 1

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

Printed: 2014.10.29 @ 16:23:15



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corporation

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60605

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.10.23 @ 06:42:00

GENERAL INFORMATION:

Formation: **Toronto Lansing "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:46:45

Time Test Ended: 13:21:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 3074.00 ft (KB) To 3148.00 ft (KB) (TVD)

Reference Elevations: 1904.00 ft (KB)

Total Depth: 3148.00 ft (KB) (TVD)

1896.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8289 Inside

Press@RunDepth: 56.72 psig @ 3082.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.23

End Date:

2014.10.23

Last Calib.:

2014.10.23

Start Time: 06:42:02

End Time:

13:21:00

Time On Btm:

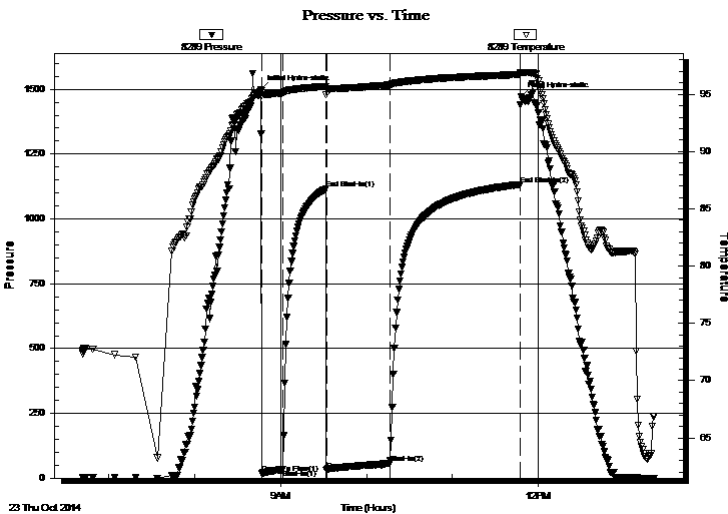
2014.10.23 @ 08:46:15

Time Off Btm:

2014.10.23 @ 11:47:45

TEST COMMENT: 15-IFP- Surface Blow Building to 2"
30-ISIP- No Blow
45-FFP- Surface Blow Building to 1" In 22 min.
90-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1497.67	95.23	Initial Hydro-static
1	18.06	94.89	Open To Flow (1)
16	33.85	95.12	Shut-In(1)
46	1116.49	95.70	End Shut-In(1)
46	30.53	94.97	Open To Flow (2)
90	56.72	95.81	Shut-In(2)
181	1133.06	96.73	End Shut-In(2)
182	1471.96	96.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
85.00	Mud 100% Show of Oil in Tool	0.62

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corporation

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60605

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.10.23 @ 06:42:00

Tool Information

Drill Pipe:	Length: 2690.00 ft	Diameter: 3.80 inches	Volume: 37.73 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 340.00 ft	Diameter: 2.75 inches	Volume: 2.50 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 40.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3074.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	95.00 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			3054.00	
Shut In Tool	5.00			3059.00	
Hydraulic tool	5.00			3064.00	
Packer	5.00			3069.00	21.00 Bottom Of Top Packer
Packer	5.00			3074.00	
Stubb	1.00			3075.00	
Perforations	6.00			3081.00	
Change Over Sub	1.00			3082.00	
Recorder	0.00	8289	Inside	3082.00	
Recorder	0.00	6668	Outside	3082.00	
Blank Spacing	62.00			3144.00	
Change Over Sub	1.00			3145.00	
Bullnose	3.00			3148.00	74.00 Bottom Packers & Anchor

Total Tool Length: 95.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60605

DST#: 1

ATTN: Tim Lauer

Test Start: 2014.10.23 @ 06:42:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
85.00	Mud 100% Show of Oil in Tool	0.624

Total Length: 85.00 ft Total Volume: 0.624 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

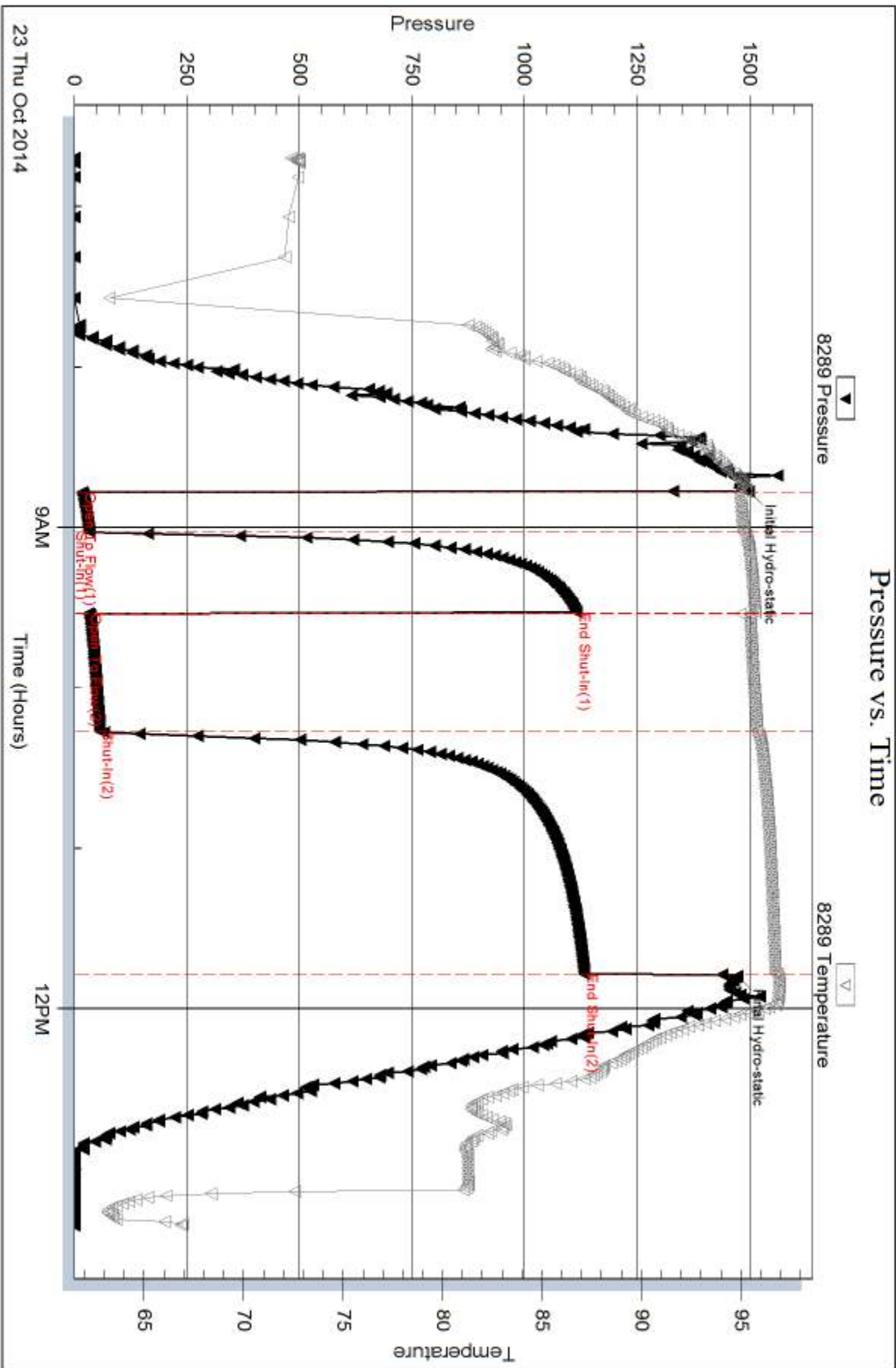
Serial #: 8289

Inside

Coral Production Corporation

Hooper Trust #10-1

DST Test Number: 1

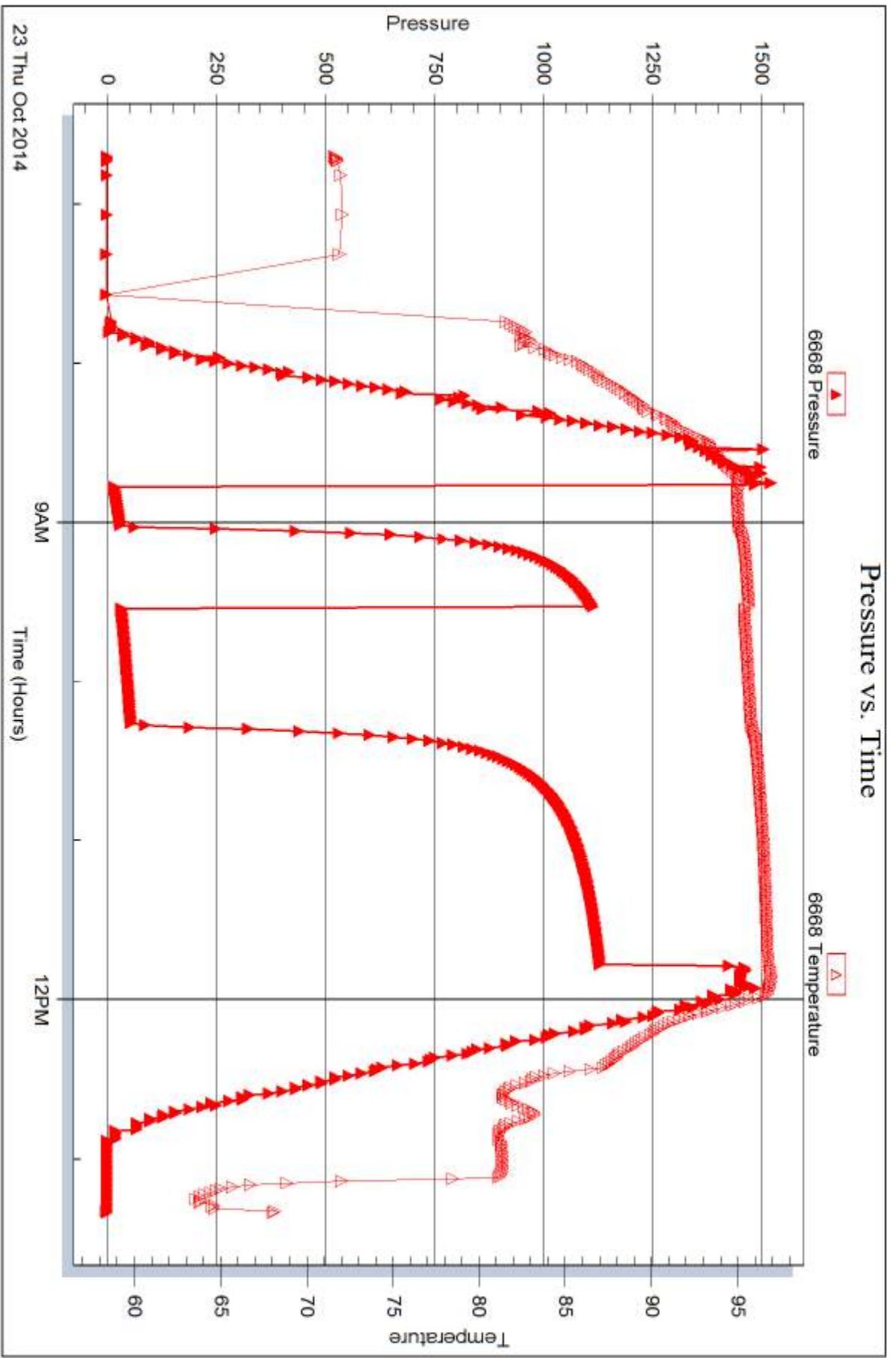


Serial #: 6668

Outside Coral Production Corporation

Hooper Trust #10-1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 60605

Printed: 2014, 10, 29 @ 16:23:16



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corporation**

1600 Stout St Ste 1500
Denver CO 80202-3133

ATTN: Tim Lauer

Hoofer Trust #10-1

10 7s 18w Rooks,KS

Start Date: 2014.10.24 @ 12:30:00

End Date: 2014.10.24 @ 18:20:00

Job Ticket #: 60606 DST #: 2

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

Printed: 2014.10.29 @ 16:22:39



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corporation

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60606

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.10.24 @ 12:30:00

GENERAL INFORMATION:

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

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:16:45

Time Test Ended: 18:20:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: 3266.00 ft (KB) To 3355.00 ft (KB) (TVD)

Reference Elevations: 1904.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1896.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8289

Inside

Press@RunDepth: 28.01 psig @ 3289.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.24

End Date:

2014.10.24

Last Calib.:

2014.10.24

Start Time: 12:30:02

End Time:

18:20:15

Time On Btm:

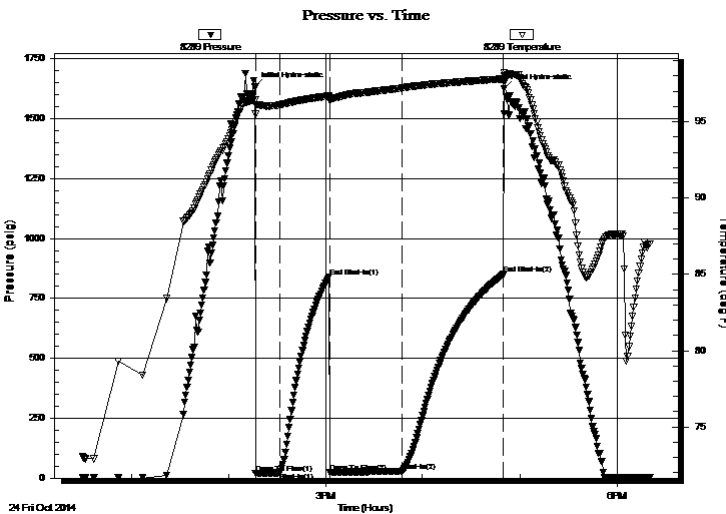
2014.10.24 @ 14:16:30

Time Off Btm:

2014.10.24 @ 16:50:30

TEST COMMENT: 15-IFP- Surface Blow Building to 1"
30-ISIP- No Blow
45-FFP- Surface Blow in 5min. Died in 35min.
60-FSIP- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1632.19	96.41	Initial Hydro-static
1	19.12	95.50	Open To Flow (1)
15	22.32	96.08	Shut-In(1)
46	841.24	96.69	End Shut-In(1)
47	23.82	96.35	Open To Flow (2)
91	28.01	97.20	Shut-In(2)
154	850.28	97.81	End Shut-In(2)
154	1626.41	98.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.22

* 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

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60606

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.10.24 @ 12:30:00

Tool Information

Drill Pipe:	Length: 2940.00 ft	Diameter: 3.80 inches	Volume: 41.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.75 inches	Volume: 2.28 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: 43.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3266.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	110.00 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			3246.00	
Shut In Tool	5.00			3251.00	
Hydraulic tool	5.00			3256.00	
Packer	5.00			3261.00	21.00 Bottom Of Top Packer
Packer	5.00			3266.00	
Stubb	1.00			3267.00	
Perforations	21.00			3288.00	
Change Over Sub	1.00			3289.00	
Recorder	0.00	8289	Inside	3289.00	
Recorder	0.00	6668	Outside	3289.00	
Blank Spacing	62.00			3351.00	
Change Over Sub	1.00			3352.00	
Bullnose	3.00			3355.00	89.00 Bottom Packers & Anchor

Total Tool Length: 110.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

10 7s 18w Rooks,KS

1600 Stout St Ste 1500
Denver CO 80202-3133

Hoofer Trust #10-1

Job Ticket: 60606

DST#: 2

ATTN: Tim Lauer

Test Start: 2014.10.24 @ 12:30:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.50 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100%	0.220

Total Length: 30.00 ft Total Volume: 0.220 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

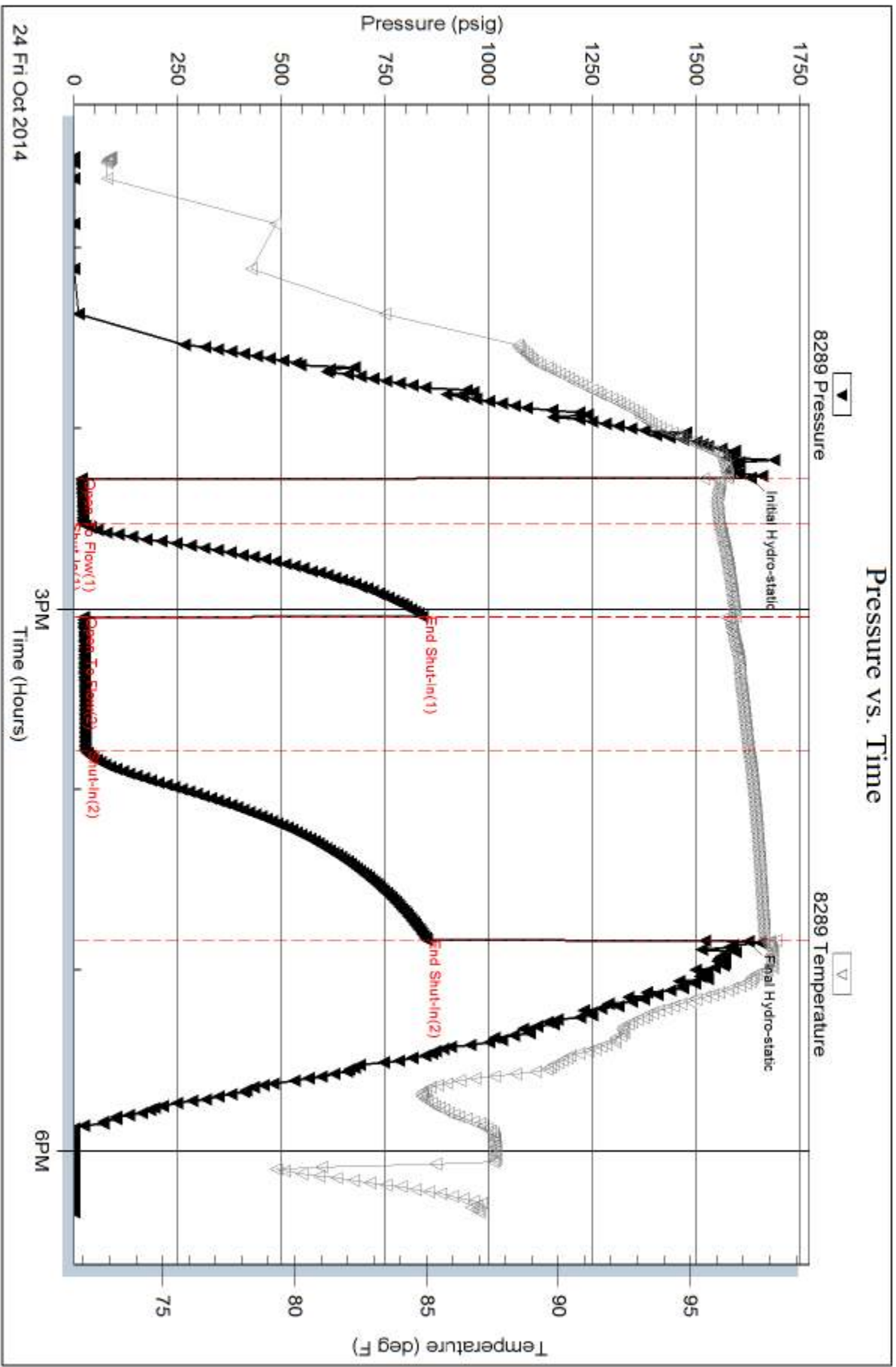
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Inside

Coral Production Corporation

Hooper Trust #10-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 60606

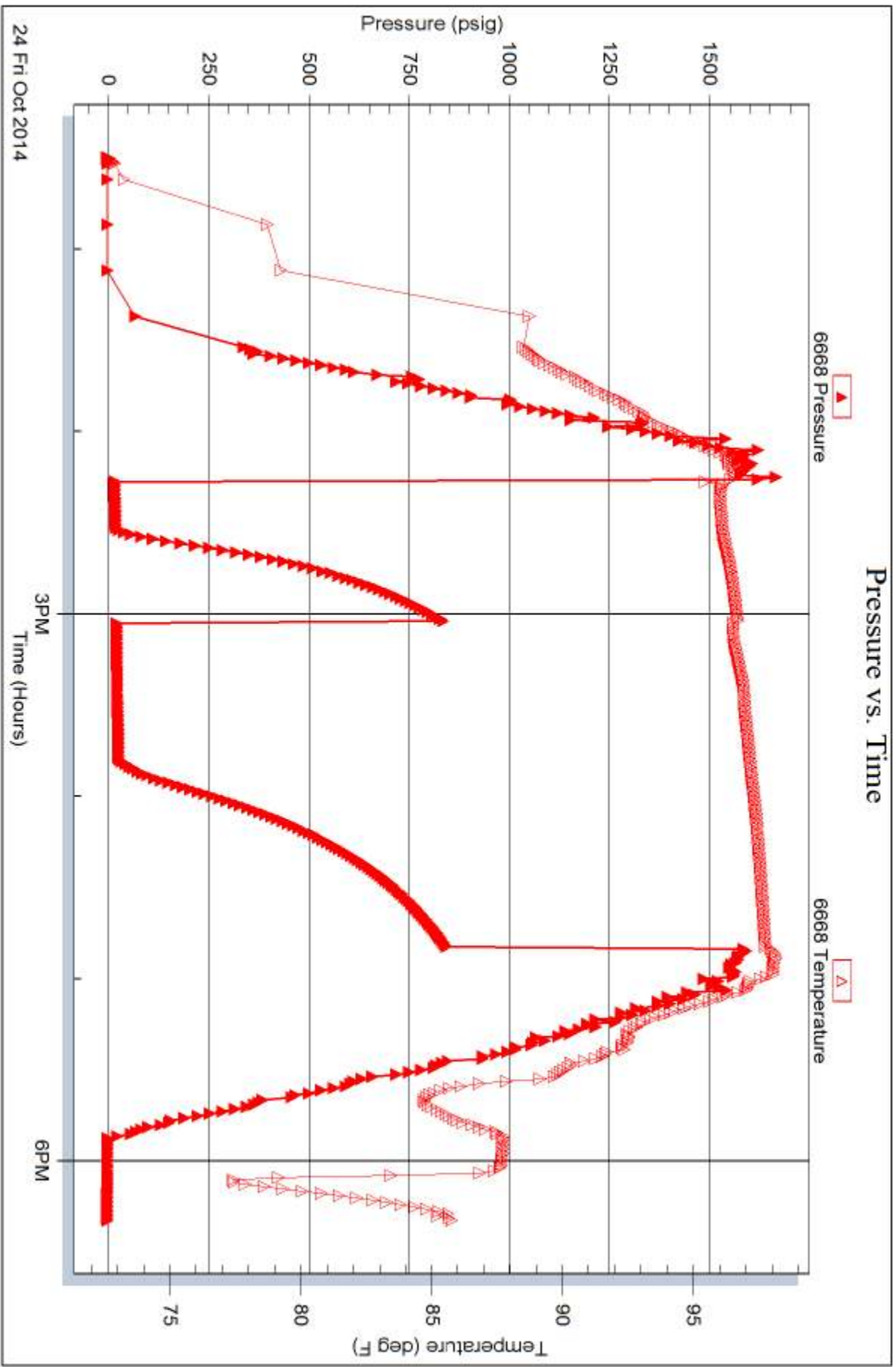
Printed: 2014, 10, 29 @ 16:22:40

Serial #: 6668

Outside Coral Production Corporation

Hooper Trust #10-1

DST Test Number: 2



24 Fri Oct 2014

Trilobite Testing, Inc

Ref. No: 60606

Printed: 2014, 10, 29 @ 16:22:40



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **60605**

Well Name & No. Hoover Trust 10-1 Test No. 1 Date 10-23-14
 Company Coral Production Corporation Elevation 1904 KB 1896 GL
 Address 1600 Stout St STE 1500 Denver CO. 80202-3133
 Co. Rep / Geo. Tim Rig Discovery #2
 Location: Sec. 10 Twp. 7^s Rge. 18^w Co. ROOKS State KS

Interval Tested 3074-3148 Zone Tested Toronto + Lansing B.
 Anchor Length 74 Drill Pipe Run 2690 Mud Wt 9.2
 Top Packer Depth 3069 Drill Collars Run 30 Vis 44
 Bottom Packer Depth 3074 Wt. Pipe Run 340 WL 8.8
 Total Depth 3148 Chlorides 1500 ppm System LCM 2 1/2

Blow Description IFP - Surface Blow Building To 2 in.
FSIP - No Blow
IFP - Surface Blow Building To 1 in. In 22 min
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>85</u>	<u>mud</u>			<u>100</u>	
	<u>Show of Oil in Tool</u>				

Rec Total 85 BHT 96 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1497 Test 1150 T-On Location 6:15
 (B) First Initial Flow 18 Jars _____ T-Started 6:42
 (C) First Final Flow 33 Safety Joint _____ T-Open 8:47
 (D) Initial Shut-In 1116 Circ Sub _____ T-Pulled 11:47
 (E) Second Initial Flow 30 Hourly Standby _____ T-Out 13:21
 (F) Second Final Flow 56 Mileage 92 RT 142.60 Comments _____
 (G) Final Shut-In 1133 Sampler _____
 (H) Final Hydrostatic 1471 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 1292.60
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 90 Sub Total 1292.60

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60606

4/10

Well Name & No. Hooper Trust 10-1 Test No. 2 Date 10-24-14
 Company Coral Production Corporation Elevation 1904 KB 1896 GL
 Address 1600 Stout St Ste 1500 Denver CO 80202-3133
 Co. Rep / Geo. Tim Lauer Rig Discovery #2
 Location: Sec. 10 Twp. 75 Rge. 18w Co. Rooks State KS

Interval Tested 3266-3355 Zone Tested LKC "I-L"
 Anchor Length 89 Drill Pipe Run 2940 Mud Wt. 9.1
 Top Packer Depth 3261 Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3266 Wt. Pipe Run 310 WL 8.8
 Total Depth 3355 Chlorides 2500 ppm System LCM 2 1/2

Blow Description IFP - Surface Blow Building to lin.
ISIP - No Blow
FFP - Surface Blow in 5 min. Died in 35 min.
FSIP - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</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 30 BHT 98 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1632 Test 1150 T-On Location 11:18
 (B) First Initial Flow 19 Jars _____ T-Started 12:30
 (C) First Final Flow 22 Safety Joint _____ T-Open 14:17
 (D) Initial Shut-In 841 Circ Sub _____ T-Pulled 16:47
 (E) Second Initial Flow 23 Hourly Standby _____ T-Out 18:20
 (F) Second Final Flow 28 Mileage 142.60 Comments _____
 (G) Final Shut-In 850 Sampler _____
 (H) Final Hydrostatic 1626 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 1292.60
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1292.60

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