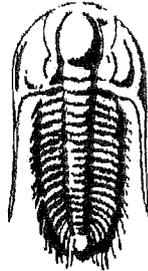


15-195-22631

20-11s-24w

IND



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St. STE 1500  
Denver CO, 80202

ATTN: Tim Lauer

**20-11s-24wTrego KS**

**Martin Trust #20-1**

Start Date: 2009.12.09 @ 22:05:00

End Date: 2009.12.10 @ 06:15:36

Job Ticket #: 37910                      DST #: 1

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PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Coral Production Corp

Martin Trust #20-1

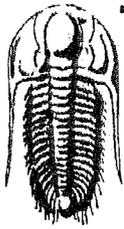
20-11s-24wTrego KS

DST # 1

Lansing A-C

2009.12.09





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Production Corp  
1600 Stout St. STE 1500  
Denver CO,80202  
ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
Job Ticket: 37910      DST#: 1  
Test Start: 2009.12.09 @ 22:05:00

**Tool Information**

Drill Pipe:	Length: 3770.00 ft	Diameter: 3.80 inches	Volume: 52.88 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 53.03 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	3810.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3791.00	
Shut In Tool	5.00			3796.00	
Hydraulic tool	5.00			3801.00	
Packer - Shale	5.00			3806.00	
Packer	4.00			3810.00	20.00 Bottom Of Top Packer
Stubb	1.00			3811.00	
Recorder	0.00	8359	Inside	3811.00	
Recorder	0.00	8351	Inside	3811.00	
Perforations	21.00			3832.00	
Bullnose	5.00			3837.00	27.00 Anchor Tool
<b>Total Tool Length:</b>	<b>47.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp

**Martin Trust #20-1**

1600 Stout St. STE 1500  
Denver CO,80202

**20-11s-24wTrego KS**

ATTN: Tim Lauer

Job Ticket: 37910

**DST#: 1**

Test Start: 2009.12.09 @ 22:05:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 7.91 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

33000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	mcw 30%m 70%w	1.129
400.00	w 100%	5.611
0.00	API=0	0.000

Total Length: 500.00 ft

Total Volume: 6.740 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=52.6 \* .289 resistivity=33,000 chlorides

DST Test Number: 1

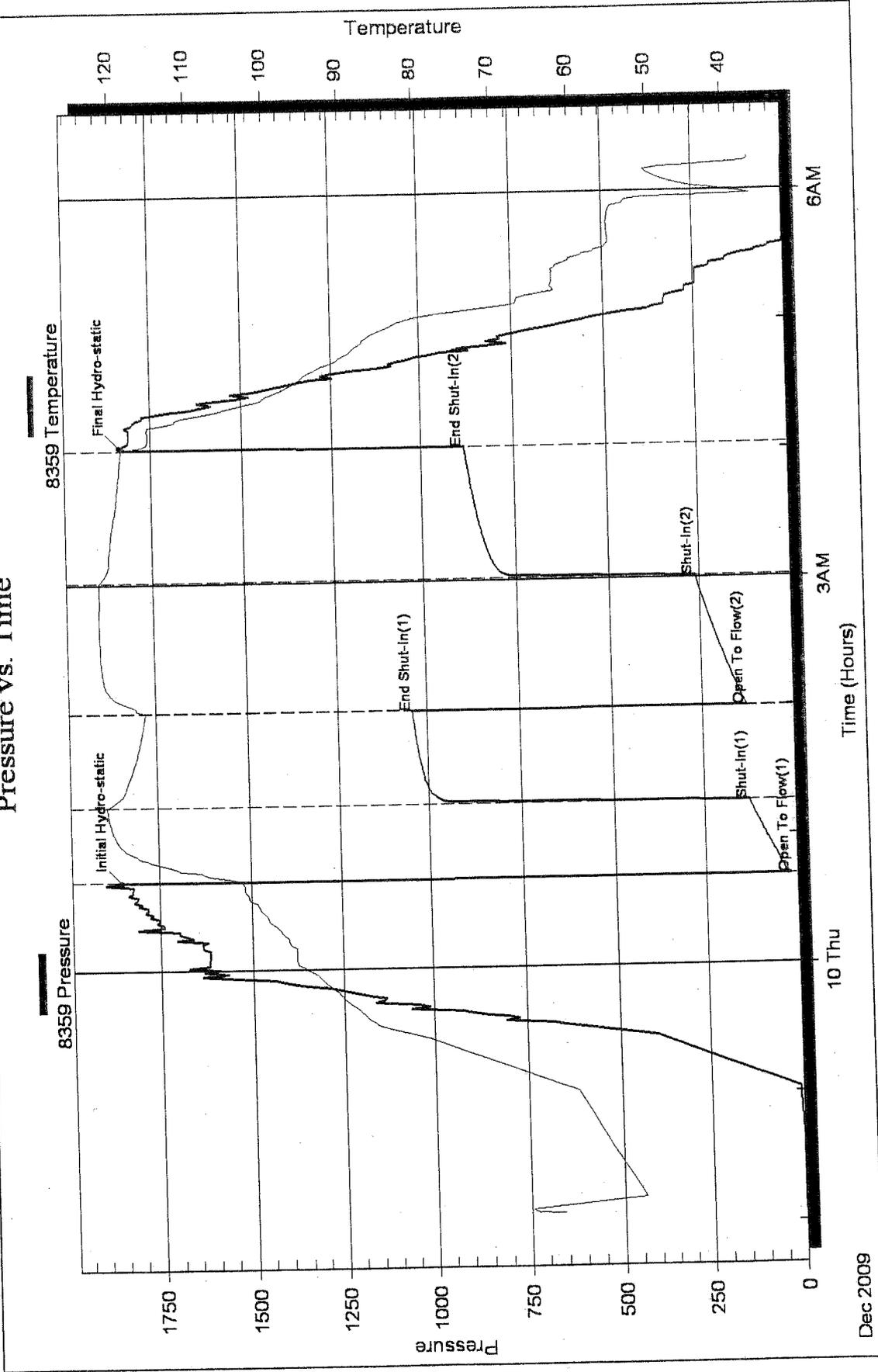
20-11s-24w Trego KS

Coral Production Corp

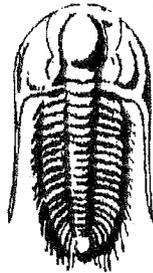
Inside

Serial #: 8359

### Pressure vs. Time



Dec 2009



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St. STE 1500  
Denver CO, 80202

ATTN: Tim Lauer

**20-11s-24wTrego KS**

**Martin Trust #20-1**

Start Date: 2009.12.10 @ 14:20:00

End Date: 2009.12.10 @ 21:01:24

Job Ticket #: 37911                      DST #: 2

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**DRILL STEM TEST REPORT**

Coral Production Corp  
 1600 Stout St. STE 1500  
 Denver CO,80202  
 ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
 Job Ticket: 37911      DST#: 2  
 Test Start: 2009.12.10 @ 14:20:00

**GENERAL INFORMATION:**

Formation: **Lansing D,E,F**  
 Deviated: No Whipstock:      ft (KB)  
 Time Tool Opened: 16:01:48  
 Time Test Ended: 21:01:24

Test Type: Conventional Bottom Hole  
 Tester: Mike Roberts  
 Unit No: 37

Interval: **3848.00 ft (KB) To 3890.00 ft (KB) (TVD)**  
 Total Depth: 3837.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2456.00 ft (KB)  
 2448.00 ft (CF)  
 KB to GR/CF: 8.00 ft

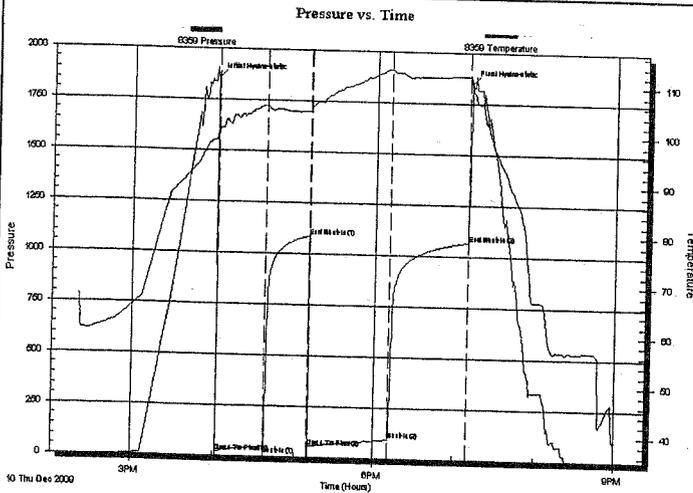
**Serial #: 8359**

Inside

Press@RunDepth: 92.95 psig @ 3849.00 ft (KB)  
 Start Date: 2009.12.10      End Date: 2009.12.10  
 Start Time: 14:20:01      End Time: 21:01:24

Capacity: 8000.00 psig  
 Last Calib.: 2009.12.10  
 Time On Btm: 2009.12.10 @ 16:01:24  
 Time Off Btm: 2009.12.10 @ 19:11:12

TEST COMMENT: IF: Built to 5 1/2"  
 IS: No return  
 FF: Built to 5 1/2 "  
 FS: No return



**PRESSURE SUMMARY**

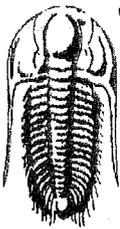
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1858.49	99.81	Initial Hydro-static
1	16.15	99.89	Open To Flow (1)
36	50.63	105.51	Shut-In (1)
68	1086.15	104.54	End Shut-In (1)
69	52.85	105.10	Open To Flow (2)
130	92.95	113.22	Shut-In (2)
189	1066.81	112.08	End Shut-In (2)
190	1849.04	110.41	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
30.00	100% m	0.15
140.00	w cm 40%w 60%m	1.96
0.00	API=0	0.00

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Production Corp  
1600 Stout St. STE 1500  
Denver CO,80202  
ATTN: Tim Lauer

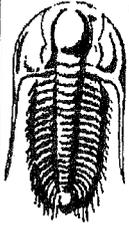
**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
Job Ticket: 37911      **DST#: 2**  
Test Start: 2009.12.10 @ 14:20:00

**Tool Information**

Drill Pipe:	Length: 3803.00 ft	Diameter: 3.80 inches	Volume: 53.35 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3848.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3829.00	
Shut In Tool	5.00			3834.00	
Hydraulic tool	5.00			3839.00	
Packer - Shale	5.00			3844.00	
Packer	4.00			3848.00	20.00      Bottom Of Top Packer
Stubb	1.00			3849.00	
Recorder	0.00	8359	Inside	3849.00	
Recorder	0.00	8351	Inside	3849.00	
Perforations	36.00			3885.00	
Bullnose	5.00			3890.00	42.00      Anchor Tool
<b>Total Tool Length:</b>	<b>62.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Production Corp

**Martin Trust #20-1**

1600 Stout St. STE 1500  
Denver CO, 80202

**20-11s-24wTrego KS**

Job Ticket: 37911

**DST#: 2**

ATTN: Tim Lauer

Test Start: 2009.12.10 @ 14:20:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.95 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 35000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100% m	0.148
140.00	w cm 40%w 60%m	1.964
0.00	API=0	0.000

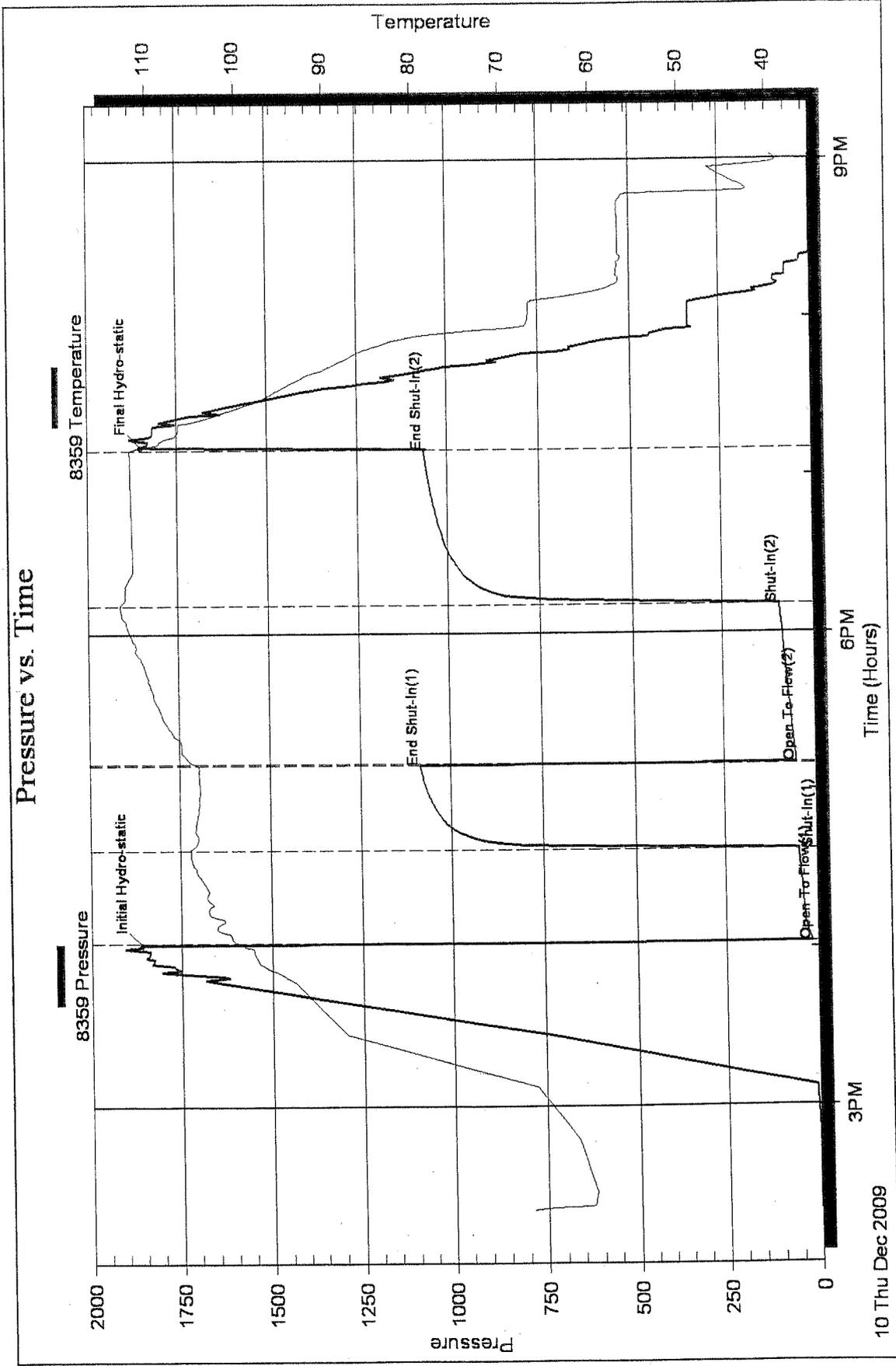
Total Length: 170.00 ft      Total Volume: 2.112 bbl

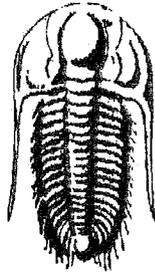
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .263@ 51\*=35000

### Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St. STE 1500  
Denver CO, 80202

ATTN: Tim Lauer

**20-11s-24wTrego KS**

**Martin Trust #20-1**

Start Date: 2009.12.11 @ 08:47:45

End Date: 2009.12.11 @ 14:24:45

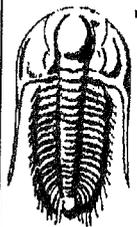
Job Ticket #: 36723                      DST #: 3

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PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp  
 1600 Stout St. STE 1500  
 Denver CO,80202  
 ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
 Job Ticket: 36723      **DST#: 3**  
 Test Start: 2009.12.11 @ 08:47:45

## GENERAL INFORMATION:

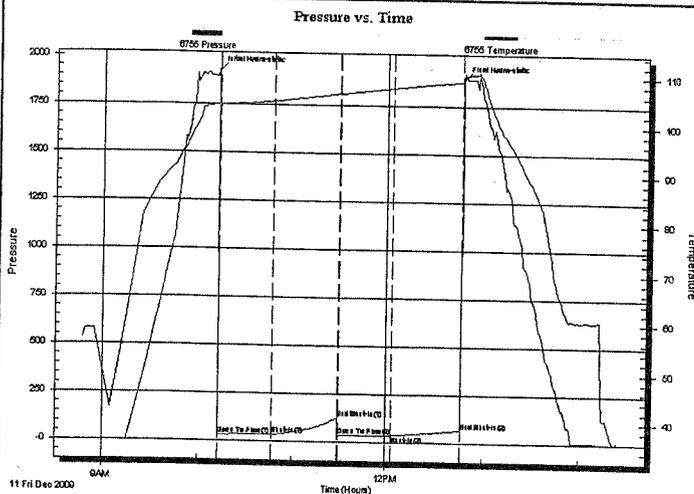
Formation: "G-H-I"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:13:15  
 Time Test Ended: 14:24:45  
 Interval: 3910.00 ft (KB) To 3968.00 ft (KB) (TVD)  
 Total Depth: 3968.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Jason McLemore  
 Unit No: 32  
 Reference Elevations: 2456.00 ft (KB)  
 2448.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 6755

Inside

Press@RunDepth: 35.97 psig @ 3945.00 ft (KB)  
 Start Date: 2009.12.11      End Date: 2009.12.11  
 Start Time: 08:47:47      End Time: 14:24:45  
 Capacity: 8000.00 psig  
 Last Calib.: 2009.12.11  
 Time On Btm: 2009.12.11 @ 10:12:45  
 Time Off Btm: 2009.12.11 @ 12:46:45

TEST COMMENT: IFP-Surface Blow ,Died in 15 Mn.  
 IS-Dead  
 FFP-Dead  
 DS-Dead



## PRESSURE SUMMARY

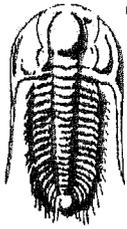
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.83	104.21	Initial Hydro-static
1	29.95	103.41	Open To Flow (1)
35	32.75	104.71	Shut-In(1)
77	125.68	106.31	End Shut-In(1)
78	34.29	106.29	Open To Flow (2)
111	35.97	107.50	Shut-In(2)
154	65.00	108.96	End Shut-In(2)
154	1888.82	109.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud W/Oil Specks	0.02

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Production Corp  
1600 Stout St. STE 1500  
Denver CO, 80202  
ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
Job Ticket: 36723      **DST#: 3**  
Test Start: 2009.12.11 @ 08:47:45

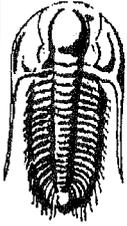
**Tool Information**

Drill Pipe:	Length: 3889.00 ft	Diameter: 3.80 inches	Volume: 54.55 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 54.70 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3910.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3890.00	
Shut In Tool	5.00			3895.00	
Hydraulic tool	5.00			3900.00	
Packer	5.00			3905.00	21.00      Bottom Of Top Packer
Packer	5.00			3910.00	
Stubb	1.00			3911.00	
Perforations	1.00			3912.00	
Change Over Sub	1.00			3913.00	
Blank Spacing	31.00			3944.00	
Change Over Sub	1.00			3945.00	
Recorder	0.00	6755	Inside	3945.00	
Recorder	0.00	8360	Outside	3945.00	
Perforations	20.00			3965.00	
Bullnose	3.00			3968.00	58.00      Bottom Packers & Anchor

**Total Tool Length: 79.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Production Corp

**Martin Trust #20-1**

1600 Stout St. STE 1500  
Denver CO,80202

**20-11s-24wTrego KS**

Job Ticket: 36723

**DST#: 3**

ATTN: Tim Lauer

Test Start: 2009.12.11 @ 08:47:45

**Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.78 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud W/Oil Specks	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

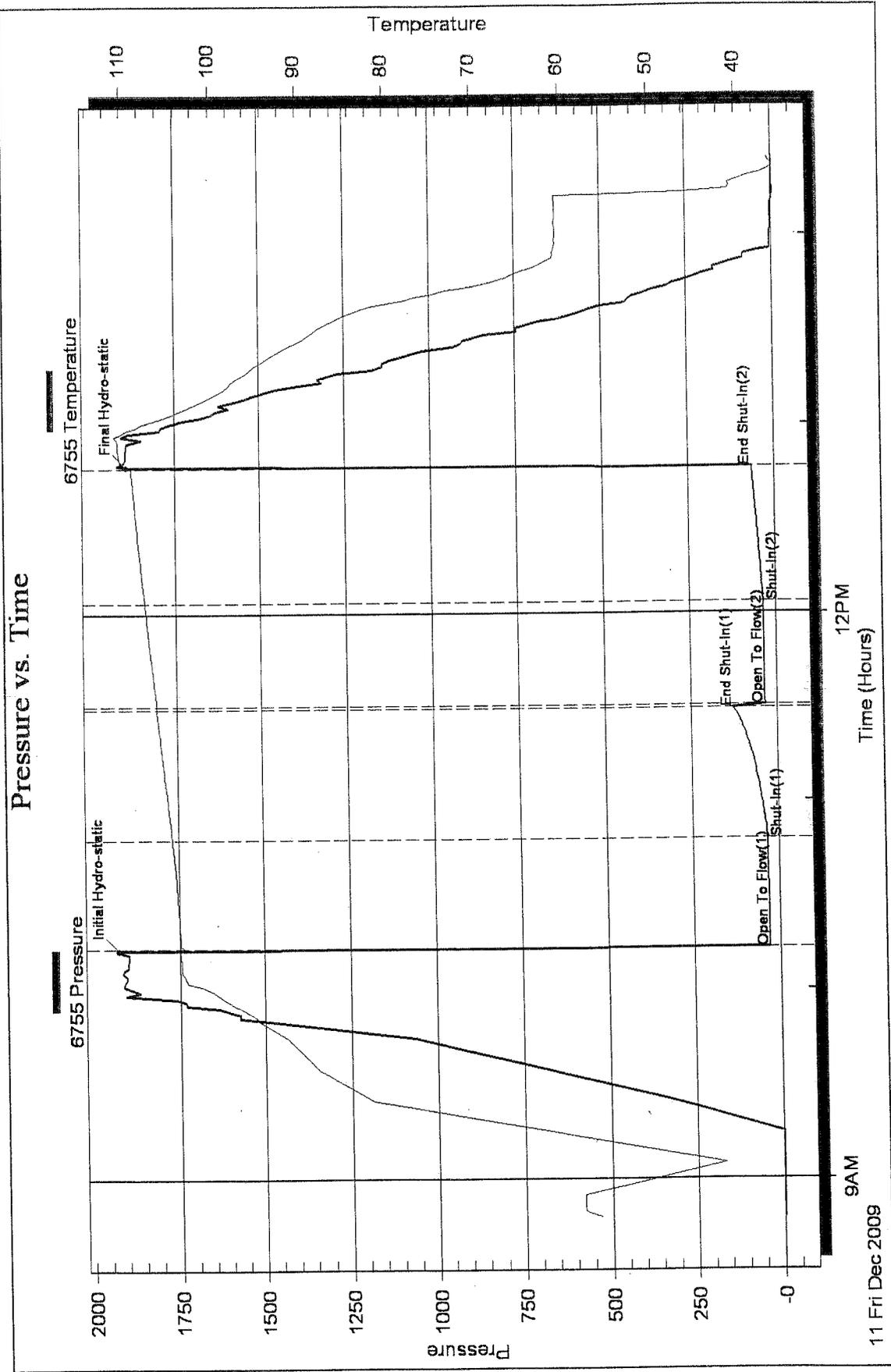
Serial #:

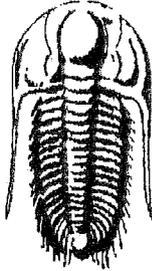
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp**

1600 Stout St. STE 1500  
Denver CO, 80202

ATTN: Tim Lauer

**20-11s-24wTrego KS**

**Martin Trust #20-1**

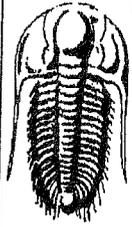
Start Date: 2009.12.12 @ 01:02:13

End Date: 2009.12.12 @ 06:58:13

Job Ticket #: 36724                      DST #: 4

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

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coral Production Corp  
1600 Stout St. STE 1500  
Denver CO, 80202  
ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24w Trego KS**  
Job Ticket: 36724      **DST#: 4**  
Test Start: 2009.12.12 @ 01:02:13

## GENERAL INFORMATION:

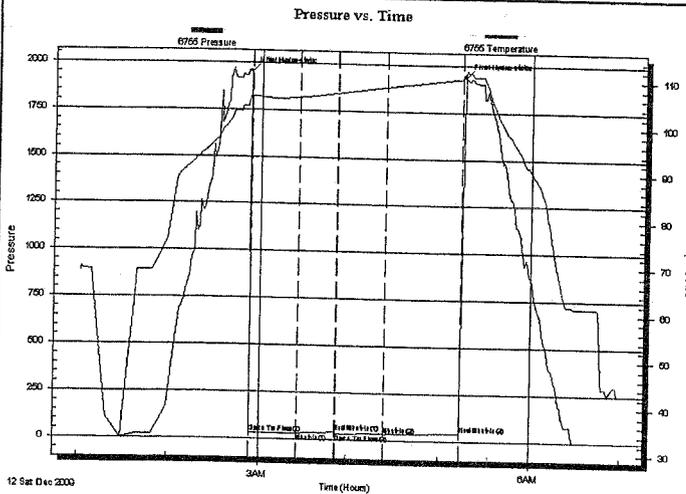
Formation: "J-K-L"  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:53:43  
Time Test Ended: 06:58:13  
Interval: **3968.00 ft (KB) To 4030.00 ft (KB) (TVD)**  
Total Depth: 4030.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jason McLemore  
Unit No: 32  
Reference Elevations: 2456.00 ft (KB)  
2448.00 ft (CF)  
KB to GR/CF: 8.00 ft

## Serial #: 6755

Inside

Press@RunDepth: 32.82 psig @ 4007.00 ft (KB)  
Start Date: 2009.12.12      End Date: 2009.12.12      Capacity: 8000.00 psig  
Start Time: 01:02:15      End Time: 06:58:13      Last Calib.: 2009.12.12  
Time On Btm: 2009.12.12 @ 02:53:13  
Time Off Btm: 2009.12.12 @ 05:15:43

TEST COMMENT: IFP-Intermittant Surface Blow  
IS-Dead  
FFP-Dead  
FSI-Dead



## PRESSURE SUMMARY

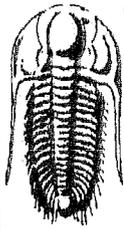
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.10	106.35	Initial Hydro-static
1	31.07	105.93	Open To Flow (1)
33	32.10	105.95	Shut-In(1)
59	39.56	106.95	End Shut-In(1)
59	32.09	106.97	Open To Flow (2)
91	32.82	108.38	Shut-In(2)
141	41.40	110.35	End Shut-In(2)
143	1937.61	111.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Drilling Mud	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Coral Production Corp  
1600 Stout St. STE 1500  
Denver CO,80202  
ATTN: Tim Lauer

**Martin Trust #20-1**  
**20-11s-24wTrego KS**  
Job Ticket: 36724      **DST#: 4**  
Test Start: 2009.12.12 @ 01:02:13

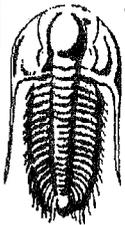
**Tool Information**

Drill Pipe:	Length: 3925.00 ft	Diameter: 3.80 inches	Volume: 55.06 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 55.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3968.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3948.00	
Shut In Tool	5.00			3953.00	
Hydraulic tool	5.00			3958.00	
Packer	5.00			3963.00	21.00      Bottom Of Top Packer
Packer	5.00			3968.00	
Stubb	1.00			3969.00	
Perforations	5.00			3974.00	
Change Over Sub	1.00			3975.00	
Blank Spacing	31.00			4006.00	
Change Over Sub	1.00			4007.00	
Recorder	0.00	6755	Inside	4007.00	
Recorder	0.00	8360	Outside	4007.00	
Perforations	20.00			4027.00	
Bullnose	3.00			4030.00	62.00      Bottom Packers & Anchor

**Total Tool Length: 83.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Production Corp

**Martin Trust #20-1**

1600 Stout St. STE 1500  
Denver CO, 80202

**20-11s-24wTrego KS**

Job Ticket: 36724

**DST#: 4**

ATTN: Tim Lauer

Test Start: 2009.12.12 @ 01:02:13

**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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1.00	Drilling Mud	0.005

Total Length: 1.00 ft

Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

20-11s-24w Trego KS

Coral Production Corp

Inside

Serial #: 6755

### Pressure vs. Time

