

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Coral Production Corporation

1600 Stout St. Ste. #1500
Denver, CO 80202

ATTN: Tim Lauer

26/21S/14W-Stafford

Keller #26-2

Job Ticket: 46354

DST#: 1

Test Start: 2011.12.20 @ 03:31:30

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 07:18:00

Time Test Ended: 13:02:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Dustin Rash**

Unit No: **38**

Interval: **3560.00 ft (KB) To 3580.00 ft (KB) (TVD)**

Total Depth: **3580.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1941.00 ft (KB)**

1931.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8354

Inside

Press@RunDepth: **15.12 psig @ 3562.00 ft (KB)**

Start Date: **2011.12.20**

End Date:

2011.12.20

Start Time: **03:41:30**

End Time:

13:02:00

Capacity: **8000.00 psig**

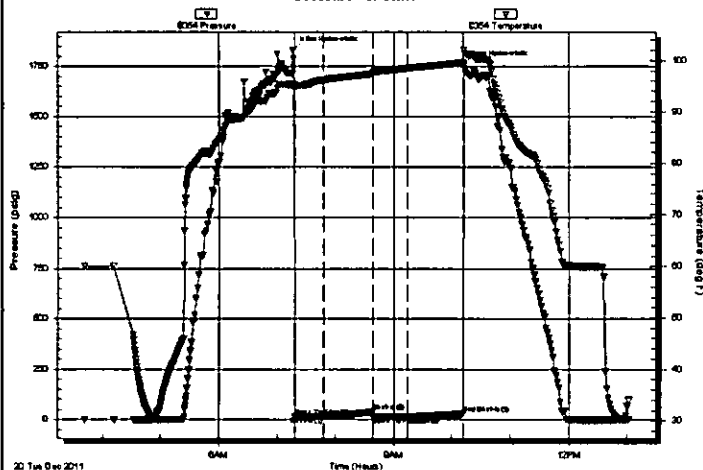
Last Calib.: **2011.12.20**

Time On Btm: **2011.12.20 @ 07:16:30**

Time Off Btm: **2011.12.20 @ 10:12:30**

TEST COMMENT: IF-Steady 1/4 inch blow throughout.
IS-No Return.
FF-Very weak surface blow. Died @ 6 minutes.
FSI-No Return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.50	95.36	Initial Hydro-static
2	16.40	94.92	Open To Flow (1)
32	15.12	96.21	Shut-In(1)
82	37.65	97.38	Shut-In(2)
82	15.79	97.48	Open To Flow (2)
118	14.26	98.46	Shut-In(3)
175	28.88	99.54	End Shut-In(1)
176	1759.32	102.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	5% Oil/95% Mud	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

26/21S/14W-Stafford

1600 Stout St. Ste. #1500
Denver, CO 80202

Keller #26-2

Job Ticket: 46354

DST#: 1

ATTN: Tim Lauer

Test Start: 2011.12.20 @ 03:31:30

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:

bbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	5% Oil/95% Mud	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

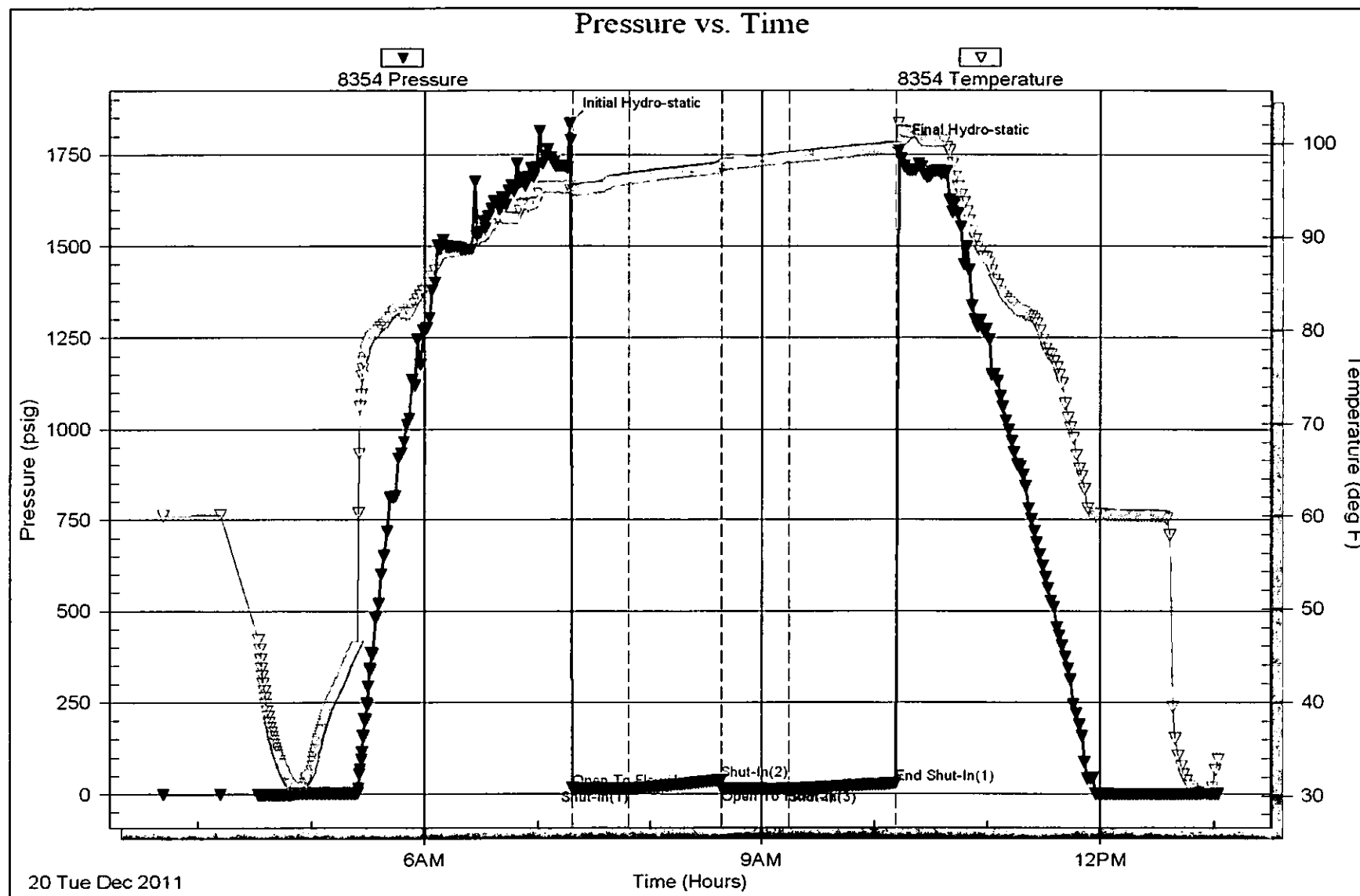
Serial #: 8354

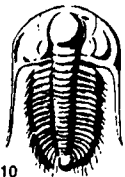
Inside

Coral Production Corporation

Keller #26-2

DST Test Number: 1





**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVE
DEC 28 2011
BY: _____

Test Ticket

NO. 46354

16792

Well Name & No. Keller 26-2 Test No. 2 Date 12-20-11
Company Coral Production Corporation Elevation 1941 KB 1931 GL
Address 1600 Stout St. Ste. #1500 Denver, CO 80202
Co. Rep / Geo. Tim Lauer Rig Maverick 108
Location: Sec. 26 Twp. 21S. Rge. 14W. Co. Stafford State KS

Interval Tested 3560-3580 Zone Tested LKC "I"
Anchor Length 20' Drill Pipe Run 3555 Mud Wt. 9.2
Top Packer Depth 3555 Drill Collars Run 0 Vis 52
Bottom Packer Depth 3560 Wt. Pipe Run 0 WL 8.2
Total Depth 3580 Chlorides 3000 ppm System LCM 1.5#

Blow Description IF - Steady 1/4 inch blow throughout.
IS - No Return.
FF - Very weak surface blow. Dried @ 6 minutes.
FS - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>SOCM</u>	<u>5</u>		<u>95</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 _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1834</u>	☒ Test <u>1125"</u>	T-On Location <u>0200</u>
(B) First Initial Flow <u>16</u>	☐ Jars _____	T-Started <u>0420</u>
(C) First Final Flow <u>15</u>	☐ Safety Joint _____	T-Open <u>0716</u>
(D) Initial Shut-In <u>38</u>	☐ Circ Sub _____	T-Pulled <u>1010</u>
(E) Second Initial Flow <u>16</u>	☒ Hourly Standby <u>X2 200"</u>	T-Out <u>1300</u>
(F) Second Final Flow <u>14</u>	☒ Mileage <u>75 mi 10540</u>	Comments <u>Batt-0331</u>
(G) Final Shut-In <u>29</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>1759</u>	☐ Straddle _____	☐ Ruined Shale Packer _____
	☐ Shale Packer _____	☐ Ruined Packer _____
	☐ Extra Packer _____	☐ Extra Copies _____
	☐ Extra Recorder _____	Sub Total <u>0</u>
	☐ Day Standby _____	Total <u>1430 00</u>
	☐ Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1430 00</u>	

Initial Open 30
Initial Shut-In 45
Final Flow 30
Final Shut-In 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.**

DRILL STEM TEST REPORT

Coral Production Corporation

1600 Stout St. Ste. #1500
Denver, CO 80202

ATTN: Tim Lauer

26/21S/14W-Stafford

Keller #26-2

Job Ticket: 46355

DST#: 2

Test Start: 2011.12.21 @ 01:40:30

GENERAL INFORMATION:

Formation: **LKC "J,K,& L"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:01:30

Time Test Ended: 09:45:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Dustin Rash**

Unit No: **38**

Interval: **3580.00 ft (KB) To 3655.00 ft (KB) (TVD)**

Total Depth: **3655.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1941.00 ft (KB)**

1931.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8354

Press@RunDepth: **17.62 psig @ ft (KB)**

Start Date: **2011.12.21**

End Date: **2011.12.21**

Capacity: **8000.00 psig**

Last Calib.: **2011.12.21**

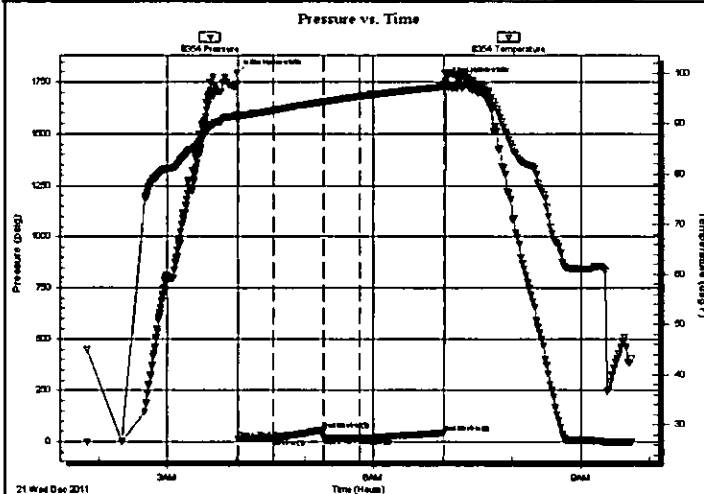
Start Time: **01:50:30**

End Time: **09:45:00**

Time On Btm: **2011.12.21 @ 04:01:00**

Time Off Btm: **2011.12.21 @ 07:02:30**

TEST COMMENT: IF-Very weak 1/4 inch blow . Died off to surface.
ISI-No Return.
FF-Very weak surface blow . Died @ 8 minutes.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.50	91.67	Initial Hydro-static
1	15.30	90.70	Open To Flow (1)
32	16.81	92.62	Shut-In(1)
76	58.03	94.36	End Shut-In(1)
76	18.25	94.37	Open To Flow (2)
107	17.62	95.39	Shut-In(2)
180	42.88	97.30	End Shut-In(2)
182	1753.34	99.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
9.00	10%Oil/90%Mud	0.13
1.00	100%Oil	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

26/21S/14W-Stafford

1600 Stout St. Ste. #1500
Denver, CO 80202

Keller #26-2

Job Ticket: 46355

DST#: 2

ATTN: Tim Lauer

Test Start: 2011.12.21 @ 01:40:30

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:

bbl

Water Loss: 8.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
9.00	10%Oil/90%Mud	0.126
1.00	100%Oil	0.014

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

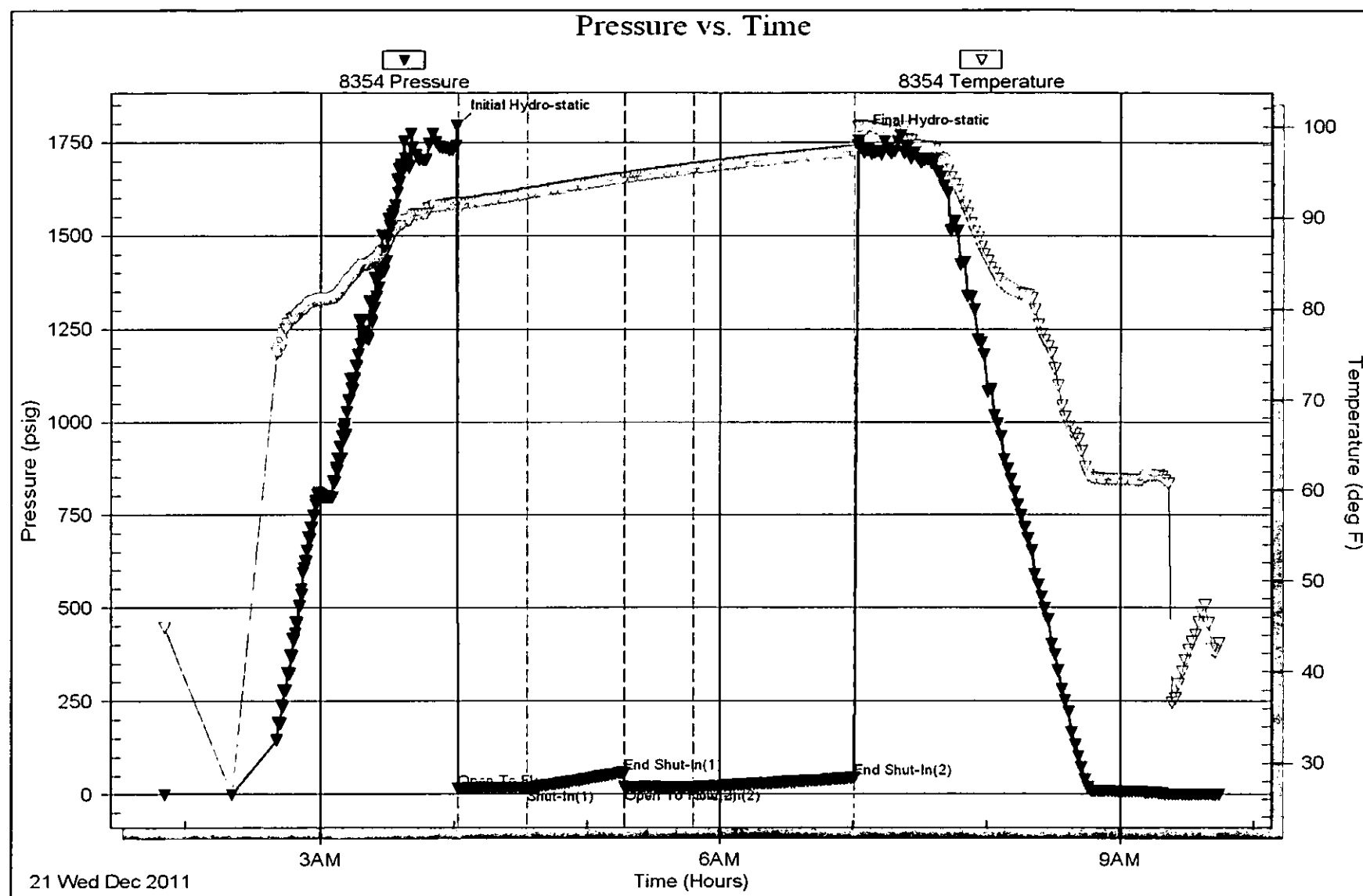
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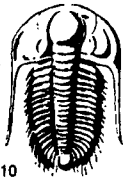
Serial #: 8354

Coral Production Corporation

Keller #26-2

DST Test Number: 2





TRILOBITE TESTING INC.

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RECEIVED
DEC 28 2011

Test Ticket

NO. 46355

Well Name & No. Keller 26-2 Test No. 2 Date 12-21-11
Company Coral Production Corporation Elevation 1941 KB 1931 GL
Address 1600 Stout St. Ste. #1500 Denver, CO 80202
Co. Rep / Geo. Tim Lauer Rig Maverick 108
Location: Sec. 26 Twp. 21S Rge. 14W Co. Stafford State KS

Interval Tested 3580-3655 Zone Tested LKC "J, K, & L"
Anchor Length 75' Drill Pipe Run 3585 Mud Wt. 9.2
Top Packer Depth 3575 Drill Collars Run 0 Vis 52
Bottom Packer Depth 3580 Wt. Pipe Run 0 WL 8.2
Total Depth 3655 Chlorides 3000 ppm System LCM 1.5#

Blow Description TF - Very weak 1/4 inch blow. Dried off to surface.
FF - No Return.
FF - Very weak surface blow. Dried @ 8 minutes.
FF - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
1	Oil	100			
9	SOCM	10			90

Rec Total 10 BHT Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1794
(B) First Initial Flow 15
(C) First Final Flow 17
(D) Initial Shut-In 58
(E) Second Initial Flow 18
(F) Second Final Flow 18
(G) Final Shut-In 43
(H) Final Hydrostatic 1753

☒ Test 1125
☐ Jars
☐ Safety Joint
☐ Circ Sub
☐ Hourly Standby
☒ Mileage 85 mi 105 mi

T-On Location 0100
T-Started 0200
T-Open 0400
T-Pulled 0700
T-Out 0945
Comments Batt - 0140

Initial Open 30
Initial Shut-In 45
Final Flow 30
Final Shut-In 60

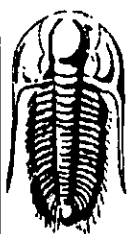
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1230.56

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1230.56

Approved By _____

Our Representative _____

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corporation

1600 Stout St. Ste. #1500
Denver, CO 80202

ATTN: Tim Lauer

26/21S/14W-Stafford

Keller #26-2

Job Ticket: 46356

DST#: 3

Test Start: 2011.12.21 @ 23:15:30

GENERAL INFORMATION:

Formation: **Viola, Simpson, & Ar**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:05:00

Time Test Ended: 08:13:30

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Dustin Rash**

Unit No: **38**

Interval: **3710.00 ft (KB) To 3794.00 ft (KB) (TVD)**

Total Depth: **3794.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1941.00 ft (KB)**

1931.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8354

Inside

Press@RunDepth: **172.48 psig @ 3780.00 ft (KB)**

Start Date: **2011.12.21**

End Date:

2011.12.22

Start Time: **23:25:30**

End Time:

08:13:30

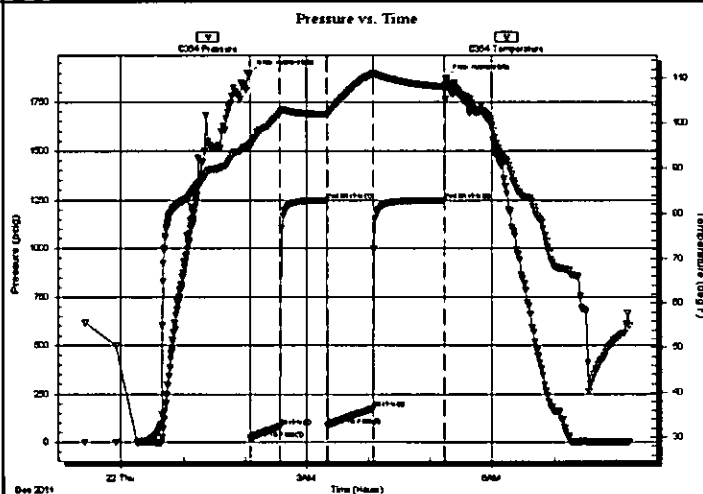
Capacity: **8000.00 psig**

Last Calib.: **2011.12.22**

Time On Btm: **2011.12.22 @ 02:04:30**

Time Off Btm: **2011.12.22 @ 05:15:30**

TEST COMMENT: IF-Fair building blow . BOB in 19 minutes.
ISI-No Return.
FF-Fair building blow . BOB in 20 minutes 30 seconds.
FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1898.36	95.24	Initial Hydro-static
1	18.76	95.03	Open To Flow (1)
30	81.20	102.22	Shut-In(1)
75	1249.33	101.91	End Shut-In(1)
76	85.04	101.68	Open To Flow (2)
120	172.48	110.83	Shut-In(2)
190	1248.73	108.01	End Shut-In(2)
191	1875.31	108.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	90%Water/10%Mud	1.74
124.00	40%Water/60%Mud	1.74
102.00	10%Water/90%Mud	1.43

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mc/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corporation

26/21S/14W-Stafford

1600 Stout St. Ste. #1500
Denver, CO 80202

Keller #26-2

Job Ticket: 46356

DST#: 3

ATTN: Tim Lauer

Test Start: 2011.12.21 @ 23:15:30

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:

82000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: 0.22 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	90%Water/10%Mud	1.739
124.00	40%Water/60%Mud	1.739
102.00	10%Water/90%Mud	1.431

Total Length: 350.00 ft

Total Volume: 4.909 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

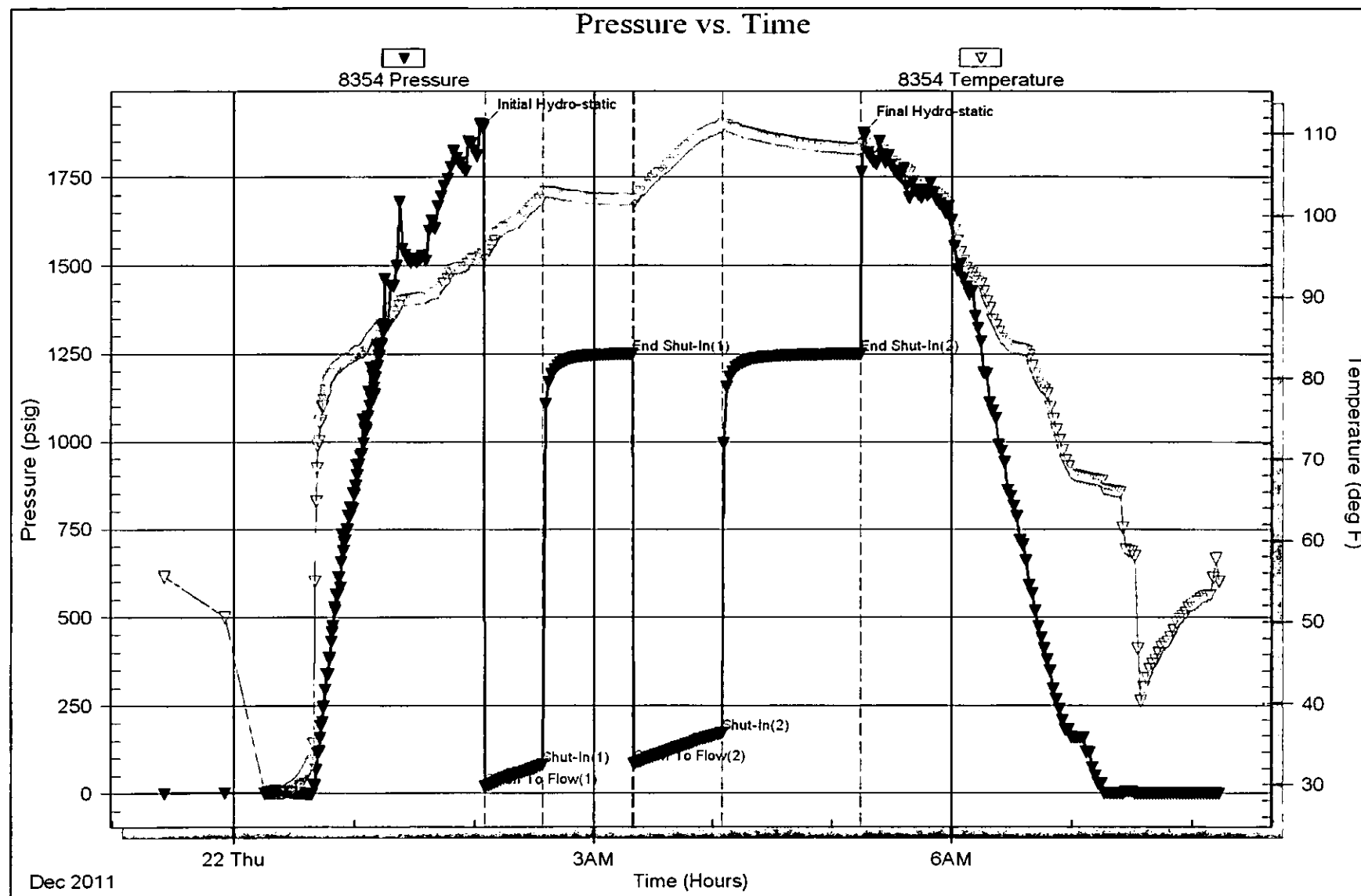
Serial #: 8354

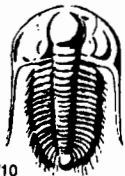
Inside

Coral Production Corporation

Keller #26-2

DST Test Number: 3





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
DEC 28 2011

Test Ticket

NO. 46356

BY: _____

Well Name & No. Keller 262 Test No. 3 Date 12-21-11
 Company Coral Production Corporation Elevation 1941 KB 1931 GL
 Address 1600 Stow St. Ste. #1500 Denver, CO 80202
 Co. Rep / Geo. Tim Lavel Rig Maverick 108
 Location: Sec. 26 Twp. 21S Rge. 14W Co. Stafford State KS

Interval Tested 3710 - 3794 Zone Tested Viola, Simpson, + Aubuckle
 Anchor Length 84' Drill Pipe Run _____ Mud Wt. 9.4
 Top Packer Depth 3705 Drill Collars Run 0 Vis 46
 Bottom Packer Depth 3710 Wt. Pipe Run 0 WL 9.2
 Total Depth 3794 Chlorides 4000 ppm System LCM 1#

Blow Description IF - Fair building blow. BOB in 19 minutes,
IST - No Return,
FF - Fair building blow. BOB in 20 minutes 30 seconds,
FST - No Return.

Rec <u>102</u>	Feet of <u>Watery Mud</u>	%gas	%oil	<u>10</u> %water	<u>90</u> %mud
Rec <u>124</u>	Feet of <u>Watery Mud</u>	%gas	%oil	<u>40</u> %water	<u>60</u> %mud
Rec <u>124</u>	Feet of <u>Muddy Water</u>	%gas	%oil	<u>90</u> %water	<u>10</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 350 BHT _____ Gravity _____ API RW 216 @ 32 °F Chlorides 82000 ppm
 (A) Initial Hydrostatic 1898 ☒ Test 1125" T-On Location 2230
 (B) First Initial Flow 19 ☐ Jars _____ T-Started 2345
 (C) First Final Flow 81 ☐ Safety Joint _____ T-Open 0203
 (D) Initial Shut-In 1249 ☐ Circ Sub _____ T-Pulled 0510
 (E) Second Initial Flow 85 ☒ Hourly Standby 15 30" T-Out 0800
 (F) Second Final Flow 172 ☒ Mileage 75 + 105 56 Comments BATT-2315
 (G) Final Shut-In 1249 ☐ Sampler _____
 (H) Final Hydrostatic 1875 ☐ Straddle _____

Initial Open 30 ☐ Ruined Shale Packer _____
 Initial Shut-In 45 ☐ Ruined Packer _____
 Final Flow 45 ☐ Extra Copies _____
 Final Shut-In 60 ☐ Extra Recorder _____
 Sub Total 1280 56 Total 1280 56
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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