



DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St Ste. 1500
Denver, CO 80202

ATTN: Tim Lauer

Struss #25-1

25-11s-24w Trego,KS

Start Date: 2012.07.01 @ 13:55:57

End Date: 2012.07.01 @ 21:14:27

Job Ticket #: 47412 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 13:18:25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.

25-11s-24w Trego, KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47412

DST#: 1

ATTN: Tim Lauer

Test Start: 2012.07.01 @ 13:55:57

GENERAL INFORMATION:

Formation: **LKC "C-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:18:27

Time Test Ended: 21:14:27

Test Type: Conventional Bottom Hole (Initial)

Tester: Brian Fairbank

Unit No: 41

Interval: 3861.00 ft (KB) To 3905.00 ft (KB) (TVD)

Reference Elevations: 2477.00 ft (KB)

Total Depth: 3905.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6752

Inside

Press @ Run Depth: 79.11 psig @ 3865.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.01

End Date:

2012.07.01

Last Calib.:

2012.07.01

Start Time: 13:55:58

End Time:

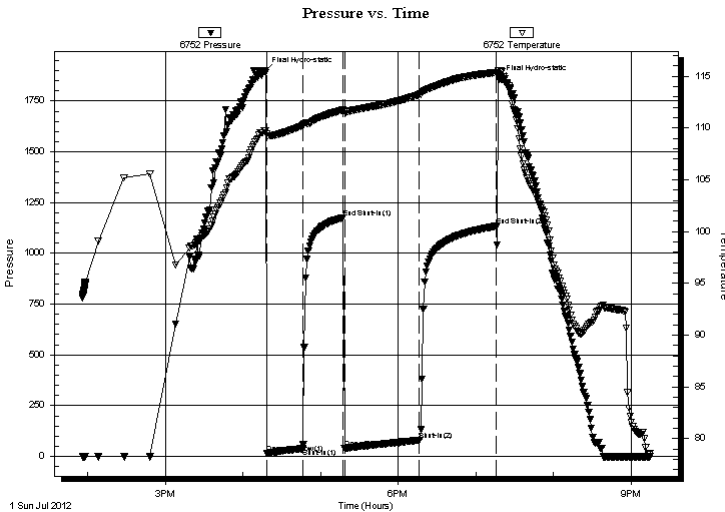
21:14:27

Time On Btm:

Time Off Btm: 2012.07.01 @ 16:16:57

TEST COMMENT: IFP - weak to fair blow sur - 4"
ISI - no blow back
FFP - weak to good blow sur - 6 1/2"
FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.06	109.71	Final Hydro-static
2	14.26	109.38	Open To Flow (1)
29	37.58	110.22	Shut-In(1)
61	1175.78	111.75	End Shut-In(1)
62	39.52	111.56	Open To Flow (2)
120	79.11	113.21	Shut-In(2)
179	1134.07	115.34	End Shut-In(2)
182	1855.33	115.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 55%W, 45%M	0.84
78.00	WM 35%W, 65%M	1.09
2.00	WM w/O spts 30%W, 70%M	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Production Corp.

25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47412

DST#: 1

ATTN: Tim Lauer

Test Start: 2012.07.01 @ 13:55:57

Tool Information

Drill Pipe:	Length: 3869.00 ft	Diameter: 3.80 inches	Volume: 54.27 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 54.27 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3861.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	66.00 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			3844.00	
Hydraulic tool	5.00			3849.00	
Safety Joint	2.00			3851.00	
Packer	5.00			3856.00	22.00 Bottom Of Top Packer
Packer	5.00			3861.00	
Stubb	1.00			3862.00	
Perforations	2.00			3864.00	
Change Over Sub	1.00			3865.00	
Recorder	0.00	6752	Inside	3865.00	
Recorder	0.00	6741	Outside	3865.00	
Blank Spacing	31.00			3896.00	
Change Over Sub	1.00			3897.00	
Perforations	5.00			3902.00	
Bullnose	3.00			3905.00	44.00 Bottom Packers & Anchor

Total Tool Length: 66.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Production Corp.

25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47412

DST#: 1

ATTN: Tim Lauer

Test Start: 2012.07.01 @ 13:55:57

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:

62000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 55%W, 45%M	0.842
78.00	WM 35%W, 65%M	1.094
2.00	WM w/O spts 30%W, 70%M	0.028

Total Length: 140.00 ft

Total Volume: 1.964 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

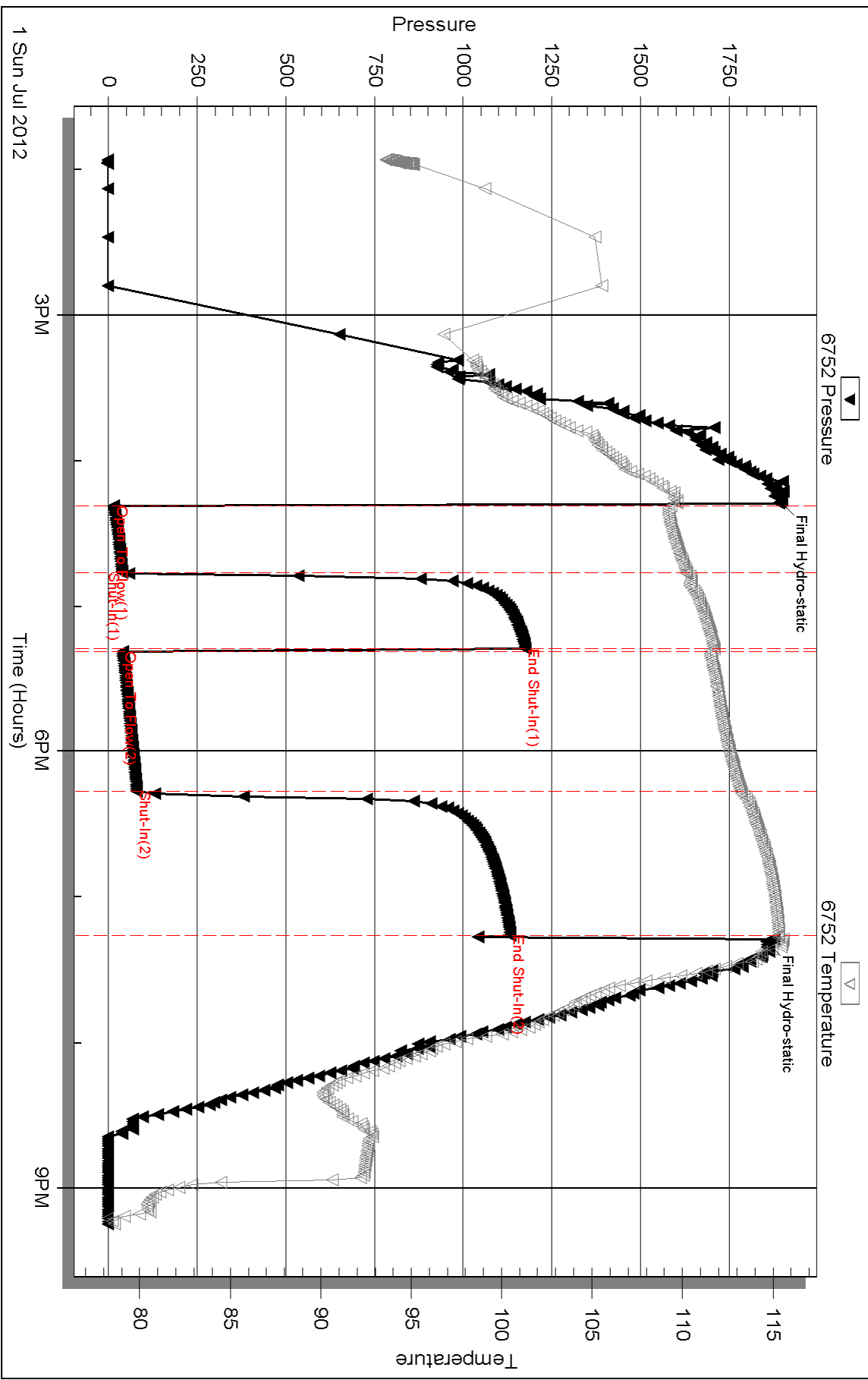
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

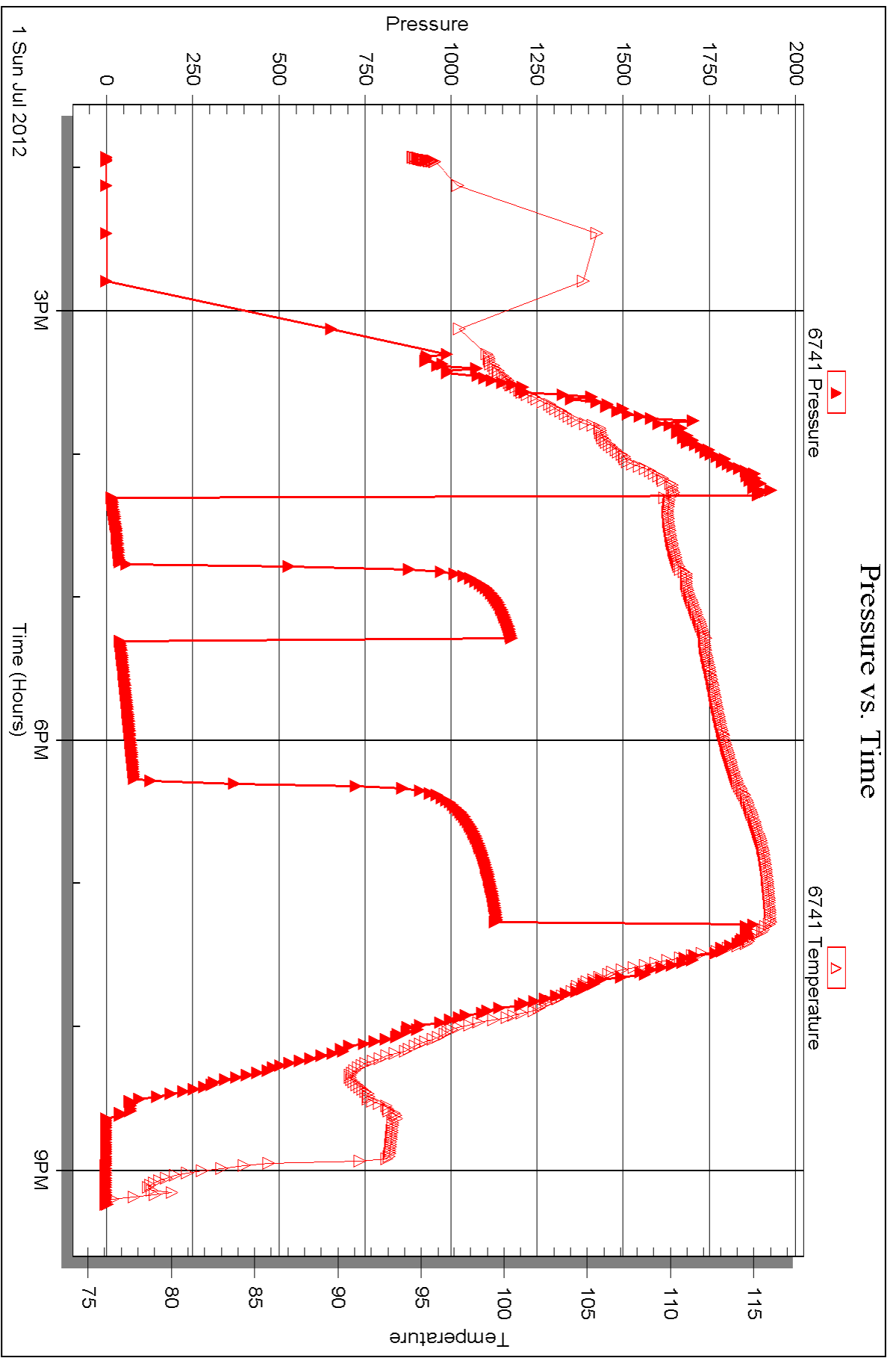


Serial #: 6741

Outside Coral Production Corp.

Struss #25-1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Coral Production Corp.**

1600 Stout St Ste. 1500
Denver, CO 80202

ATTN: Tim Lauer

Struss #25-1

25-11s-24w Trego,KS

Start Date: 2012.07.02 @ 16:55:30

End Date: 2012.07.02 @ 23:10:30

Job Ticket #: 47413 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.06 @ 13:17:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Coral Production Corp.

25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47413

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.07.02 @ 16:55:30

GENERAL INFORMATION:

Formation: **LKC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:09:30

Time Test Ended: 23:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: 4009.00 ft (KB) To 4035.00 ft (KB) (TVD)

Total Depth: 4035.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2477.00 ft (KB)

2469.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752 Inside

Press @ Run Depth: 14.49 psig @ 4012.00 ft (KB)

Start Date: 2012.07.02

End Date:

2012.07.02

Start Time: 16:55:31

End Time:

23:10:30

Capacity: 8000.00 psig

Last Calib.: 2012.07.02

Time On Btm: 2012.07.02 @ 19:08:30

Time Off Btm: 2012.07.02 @ 21:27:30

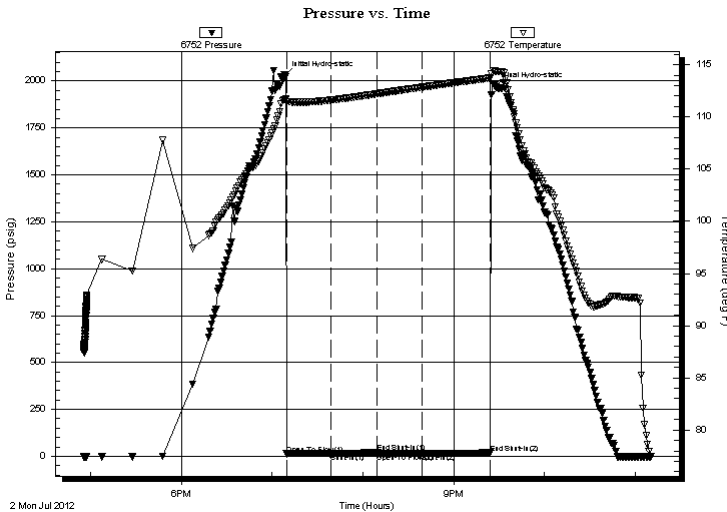
TEST COMMENT: IFP - sur blow - died 4 min

ISI - no blow back

FFP - no blow

FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2027.73	111.69	Initial Hydro-static
1	12.97	111.47	Open To Flow (1)
30	13.89	111.62	Shut-In(1)
61	19.53	112.21	End Shut-In(1)
61	13.77	112.22	Open To Flow (2)
91	14.49	112.85	Shut-In(2)
136	18.39	113.74	End Shut-In(2)
139	1971.39	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	DRL MUD 100%	0.01

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Coral Production Corp.

25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47413

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.07.02 @ 16:55:30

GENERAL INFORMATION:

Formation: LKC "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:09:30

Time Test Ended: 23:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: 4009.00 ft (KB) To 4035.00 ft (KB) (TVD)

Reference Elevations: 2477.00 ft (KB)

Total Depth: 4035.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6741 Outside

Press @ RunDepth: psig @ 4012.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.02

End Date: 2012.07.02

Last Calib.: 2012.07.02

Start Time: 16:55:16

End Time: 23:10:45

Time On Btm:

Time Off Btm:

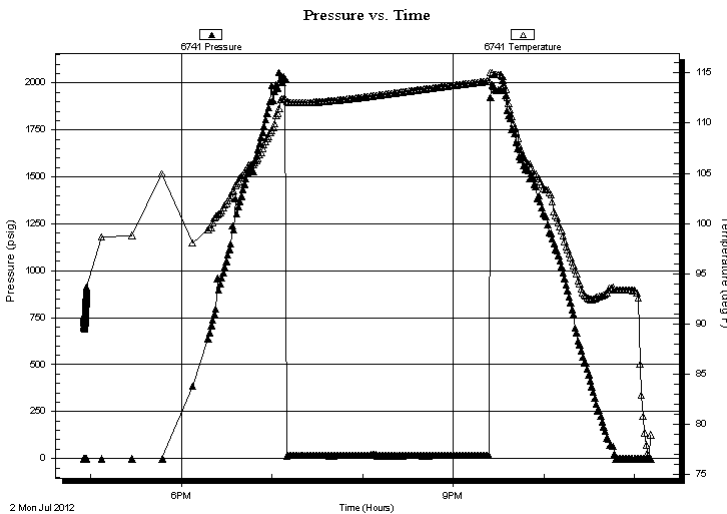
TEST COMMENT: IFP - sur blow - died 4 min

ISI - no blow back

FFP - no blow

FSI - no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1.00	DRL MUD 100%	0.01

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 Corp.

25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47413

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.07.02 @ 16:55:30

Tool Information

Drill Pipe:	Length: 3992.00 ft	Diameter: 3.80 inches	Volume: 56.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 56.00 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4009.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	48.00 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			3992.00	
Hydraulic tool	5.00			3997.00	
Safety Joint	2.00			3999.00	
Packer	5.00			4004.00	22.00 Bottom Of Top Packer
Packer	5.00			4009.00	
Stubb	1.00			4010.00	
Perforations	2.00			4012.00	
Recorder	0.00	6752	Inside	4012.00	
Recorder	0.00	6741	Outside	4012.00	
Perforations	20.00			4032.00	
Bullnose	3.00			4035.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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25-11s-24w Trego,KS

1600 Stout St Ste. 1500
Denver, CO 80202

Struss #25-1

Job Ticket: 47413

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.07.02 @ 16:55:30

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	DRL MUD 100%	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

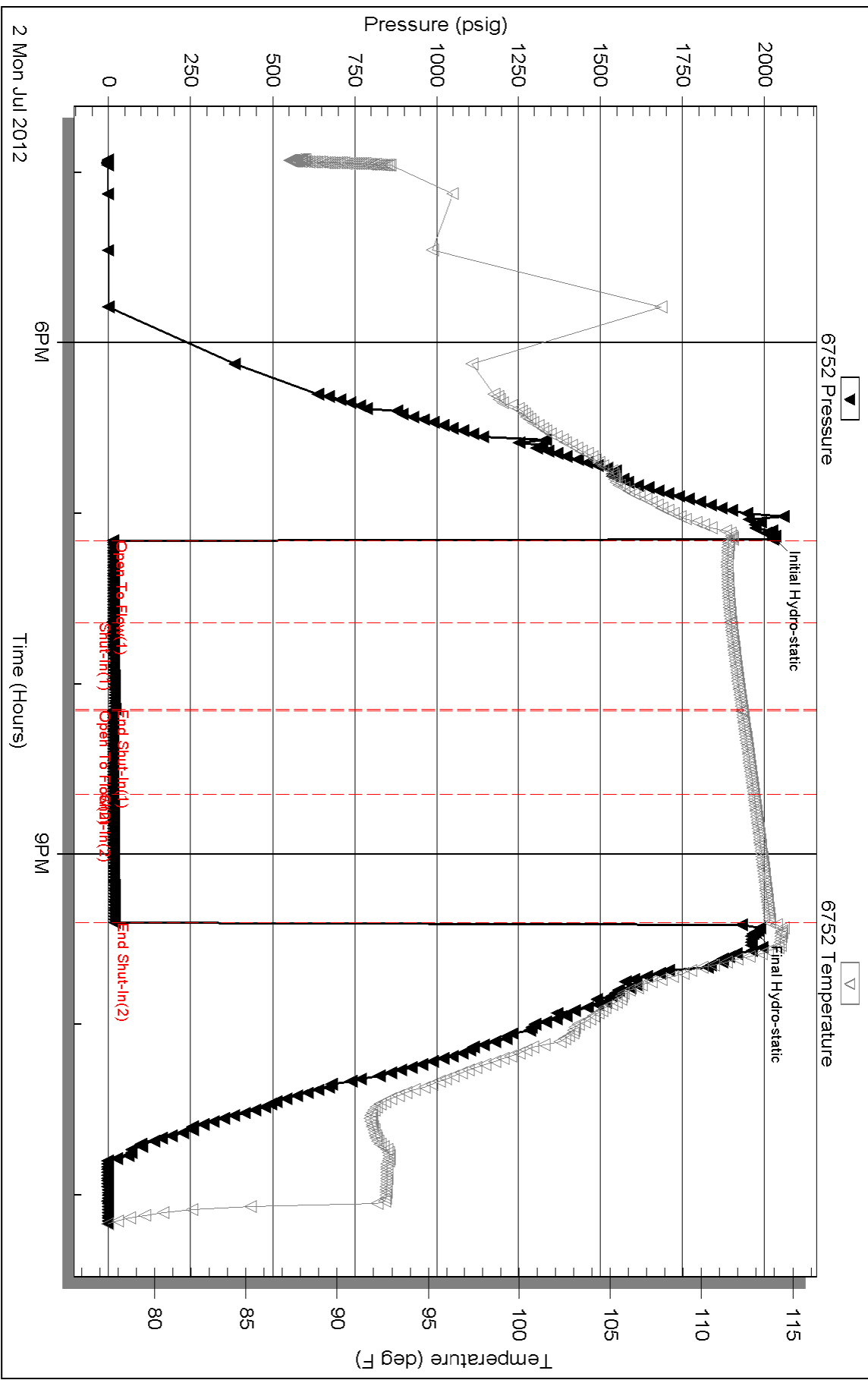
Inside

Coral Production Corp.

Struss #25-1

DST Test Number: 2

Pressure vs. Time

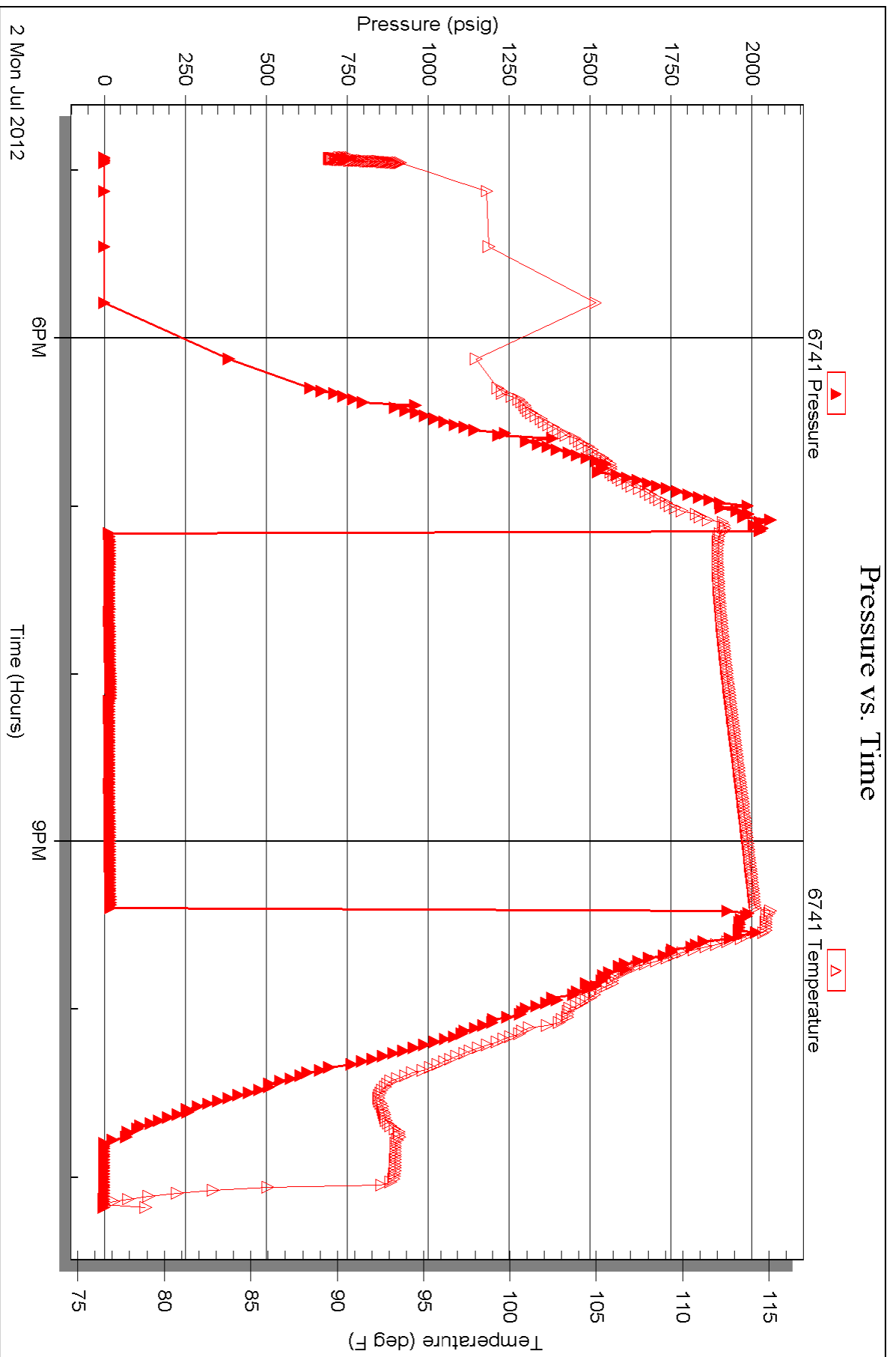


Serial #: 6741

Outside Coral Production Corp.

Struss #25-1

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47412

4/10

Well Name & No. Struss 25-1 Test No. 1 Date 7-1-12
 Company Cora Production Corp. Elevation 2477 KB 2469 GL
 Address 1600 Start St Ste. 1500 Denver, CO 80202
 Co. Rep / Geo. Tim Layer Rig Maverick 108
 Location: Sec. 25 Twp. 11 Rge. 24 Co. Trego State K

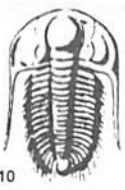
Interval Tested 3861-3905 Zone Tested LKC 'C-D'
 Anchor Length 44 Drill Pipe Run 3869 Mud Wt. 9.2
 Top Packer Depth 3856 Drill Collars Run — Vis 51
 Bottom Packer Depth 3861 Wt. Pipe Run — WL 8.0
 Total Depth 3905 Chlorides 3800 ppm System LCM
 Blow Description IFP - weak to fair blow sur - 4"
ISI - no blow back
FFP - weak to good blow sur - 6 1/2"
FST - no blow back

Rec	Feet of	%gas	spts	%oil	%water	%mud
<u>2</u>	<u>WM w/o spts</u>			<u>30</u>	<u>70</u>	
<u>78</u>	<u>WM</u>			<u>35</u>	<u>65</u>	
<u>60</u>	<u>MW</u>			<u>55</u>	<u>45</u>	
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

Rec Total 140 BHT 115 Gravity .094 @ 93 °F Chlorides 62,000 ppm
 (A) Initial Hydrostatic 1894 Test 1150 T-On Location 1222
 (B) First Initial Flow 14 Jars T-Started 1355
 (C) First Final Flow 38 Safety Joint 75 T-Open 1617
 (D) Initial Shut-In 1176 Circ Sub T-Pulled 1917
 (E) Second Initial Flow 40 Hourly Standby T-Out 2114
 (F) Second Final Flow 79 Mileage 82 RT 127.10 Comments
 (G) Final Shut-In 1134 Sampler
 (H) Final Hydrostatic 1855 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1352.10
 Final Flow 60 Accessibility MP/DST Disc't
 Final Shut-In 60 Sub Total 1352.10

Approved By _____ Our Representative Brian Fairbank

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47413

Well Name & No. Straw 25-1 Test No. 2 Date 7-2-12
 Company Consl Elevation 2477 KB 2469 GL
 Address _____
 Co. Rep / Geo. Tim Lauer Rig Maverick 108
 Location: Sec. 25 Twp. 11 Rge. 24 Co. Trego State Ks

Interval Tested 4009-4035 Zone Tested LKC "J"
 Anchor Length 26 Drill Pipe Run 3992 Mud Wt. 9.4
 Top Packer Depth 4004 Drill Collars Run _____ Vis 55
 Bottom Packer Depth 4009 Wt. Pipe Run _____ WL 8.8
 Total Depth 4035 Chlorides 5000 ppm System LCM _____
 Blow Description IFP - sur blow - died 4 min
ISI - no blow back
FFP - no blow
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>drl 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 1 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2028</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>1558</u>
(B) First Initial Flow <u>13</u>	<input type="checkbox"/> Jars	T-Started <u>1655</u>
(C) First Final Flow <u>14</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1909</u>
(D) Initial Shut-In <u>20</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2124</u>
(E) Second Initial Flow <u>14</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2310</u>
(F) Second Final Flow <u>14</u>	<input checked="" type="checkbox"/> Mileage 254.20	Comments <u>mileage x 2 tool</u>
(G) Final Shut-In <u>18</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1971</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</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>1579.20</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1579.20</u>	

Approved By _____ Our Representative Brian Farber

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.