



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co.**

PO Box 701
Russell, KS 67665

ATTN: Ed Glassman

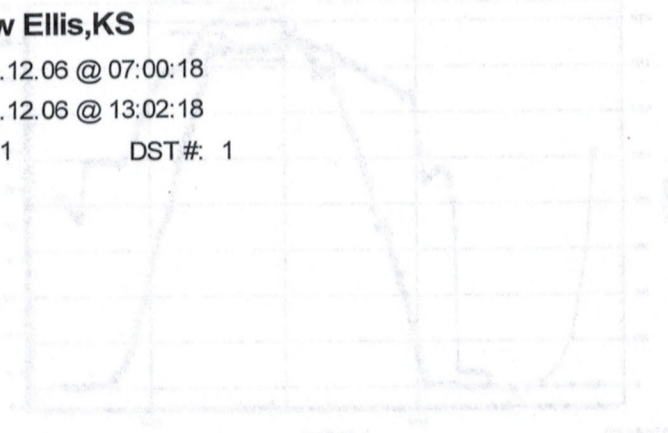
Younger C #1

26-13s-20w Ellis,KS

Start Date: 2011.12.06 @ 07:00:18

End Date: 2011.12.06 @ 13:02:18

Job Ticket #: 46211 DST #: 1



Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2011.12.12 @ 12:59:01

Jason Oil Co. 26-13s-20w Ellis,KS Younger C #1 DST # 1 Arp 2011.12.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Co.
PO Box 701
Russell, KS 67665
ATTN: Ed Glassman

26-13s-20w Ellis, KS
Younger C #1
Job Ticket: 46211 **DST#: 1**
Test Start: 2011.12.06 @ 07:00:18

Tool Information

Drill Pipe:	Length: 3765.00 ft	Diameter: 3.80 inches	Volume: 52.81 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 52.81 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial lb
Depth to Top Packer:	3768.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	88.00 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			3748.00	
Shut In Tool	5.00			3753.00	
Hydraulic tool	5.00			3758.00	
Packer	5.00			3763.00	21.00 Bottom Of Top Packer
Packer	5.00			3768.00	
Stubb	1.00			3769.00	
Recorder	0.00	6753	Inside	3769.00	
Recorder	0.00	8319	Outside	3769.00	
Perforations	29.00			3798.00	
Change Over Sub	1.00			3799.00	
Drill Pipe	32.00			3831.00	
Change Over Sub	1.00			3832.00	
Bullnose	3.00			3835.00	67.00 Bottom Packers & Anchor

Total Tool Length: 88.00

Serial #: 6753

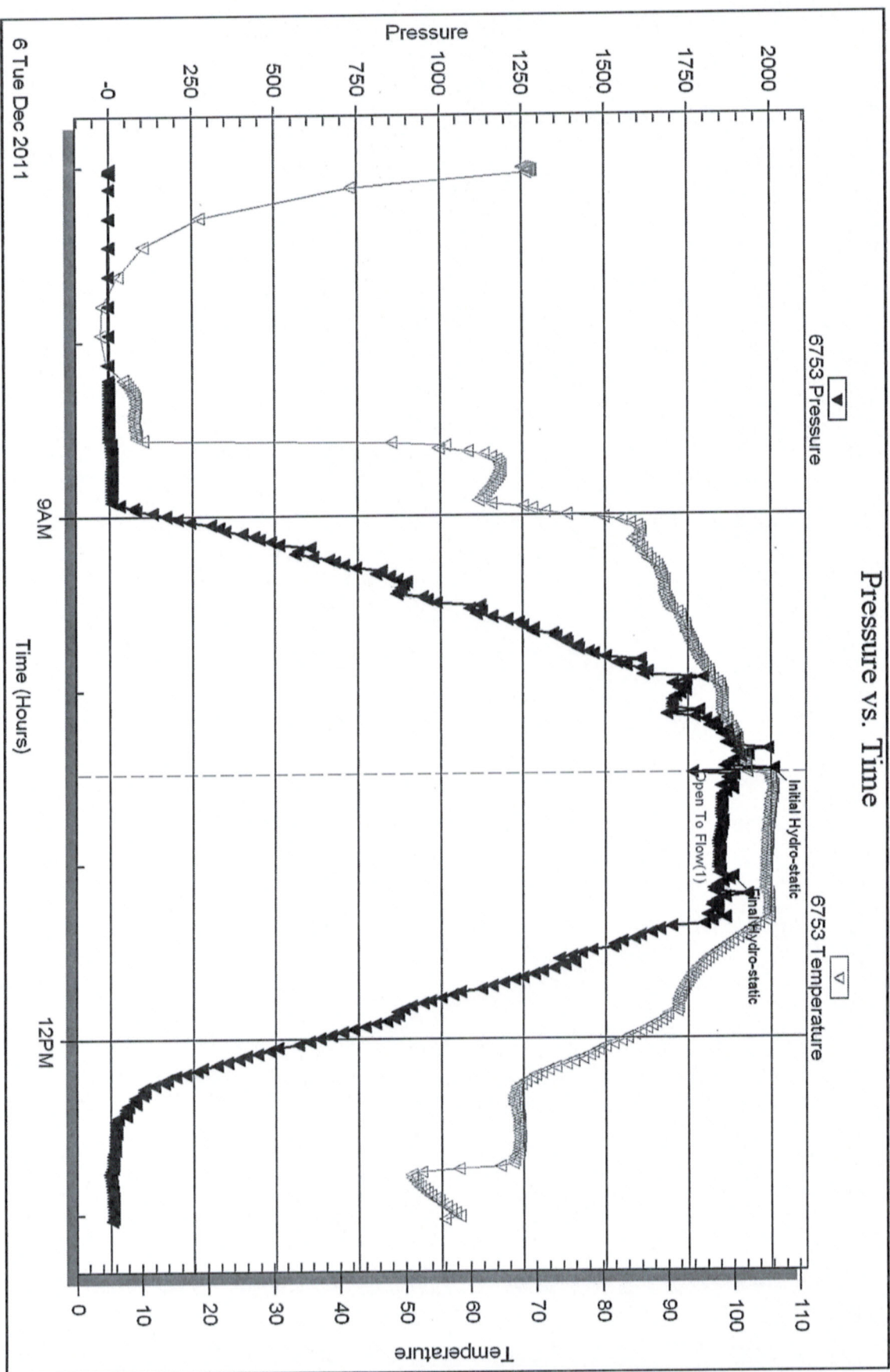
Inside

Jason Oil Co.

Younger C#1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 46211

Printed: 2011.12.12 @ 12:59:02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co.**
PO Box 701
Russell, KS 67665

ATTN: Ed Glassman

Younger C #1

26-13s-20w Ellis,KS

Start Date: 2011.12.06 @ 13:15:01
End Date: 2011.12.06 @ 19:29:31
Job Ticket #: 46212 DST #: 2



Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Jason Oil Co. 26-13s-20w Ellis,KS Younger C #1 DST # 2 Arbuckle 2011.12.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Co.
PO Box 701
Russell, KS 67665
ATTN: Ed Glassman

26-13s-20w Ellis,KS
Younger C #1
Job Ticket: 46212 **DST#: 2**
Test Start: 2011.12.06 @ 13:15:01

Tool Information

Drill Pipe:	Length: 3765.00 ft	Diameter: 3.80 inches	Volume: 52.81 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
		<u>Total Volume: 52.81 bbl</u>		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3774.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	82.00 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			3754.00	
Shut In Tool	5.00			3759.00	
Hydraulic tool	5.00			3764.00	
Packer	5.00			3769.00	21.00 Bottom Of Top Packer
Packer	5.00			3774.00	
Stubb	1.00			3775.00	
Recorder	0.00	6753	Inside	3775.00	
Recorder	0.00	8319	Outside	3775.00	
Perforations	23.00			3798.00	
Change Over Sub	1.00			3799.00	
Drill Pipe	32.00			3831.00	
Change Over Sub	1.00			3832.00	
Bullnose	3.00			3835.00	61.00 Bottom Packers & Anchor

Total Tool Length: 82.00

Serial #: 6753

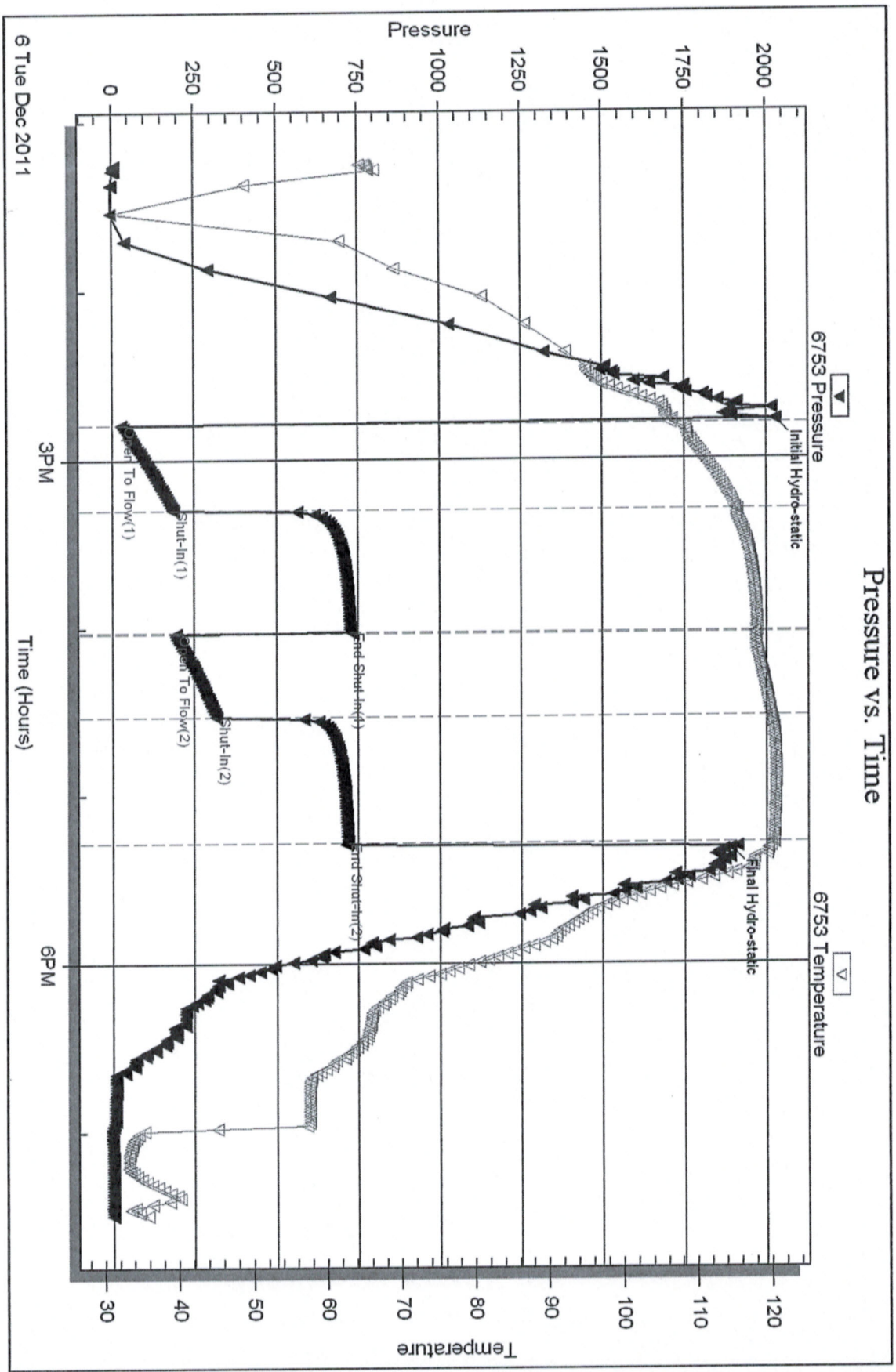
Inside

Jason Oil Co.

Younger C#1

DST Test Number: 2

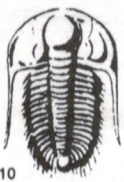
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 46212

Printed: 2011.12.12 @ 12:59:22



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

RECEIVED
DEC 07 2011

NO. 46211

4/10

Well Name & No. Younger C #1 BY: _____ Test No. 1 Date 12/6/11
 Company Jason Oil Elevation 2190 KB 2185 GL _____
 Address PO Box 701 Russell KS 67665
 Co. Rep / Geo. _____ Rig Royal #1
 Location: Sec. 26 Twp. 13c Rge. 20w Co. Ellis State KS

Interval Tested 3768-3835 Zone Tested Arb.
 Anchor Length 67 Drill Pipe Run 3765 Mud Wt. 9
 Top Packer Depth 3763 Drill Collars Run _____ Vis 58
 Bottom Packer Depth 3768 Wt. Pipe Run _____ WL 8.8
 Total Depth 3835 Chlorides 2000 ppm System LCM 1 1/2
 Blow Description PF - Packer Failure

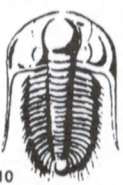
Rec	Feet of	%gas	%oil	%water	%mud
<u>210</u>	<u>Mud</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total 210 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 925 T-On Location 6:35
 (B) First Initial Flow Jars _____ T-Started 7:00
 (C) First Final Flow Safety Joint _____ T-Open _____
 (D) Initial Shut-In Circ Sub _____ T-Pulled _____
 (E) Second Initial Flow Hourly Standby _____ T-Out 13:05
 (F) Second Final Flow Mileage 19x2 38RT 53²⁰ Comments _____
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____ Ruined Shale Packer
 Shale Packer _____ Ruined Packer
 Extra Packer _____ Extra Copies
 Initial Open _____ Extra Recorder _____ Sub Total 0
 Initial Shut-In _____ Day Standby _____ Total 978.20
 Final Flow _____ Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 978.20

Approved By _____ Our Representative Butt D. ...

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

RECEIVED
DEC 07 2011
BY: _____

Test Ticket

NO. 46212

Well Name & No. Younger C #1 Test No. 2 Date 12/6/11
 Company Jason Oil Elevation 2190 KB 2185 GL
 Address PO Box 701 Russell KS 67665
 Co. Rep / Geo. _____ Rig Royal #1
 Location: Sec. 26 Twp. 13s Rge. 20w Co. Ellis State KS

Interval Tested 3774-3835 Zone Tested Arb.
 Anchor Length 61 Drill Pipe Run 3765 Mud Wt. 9.0
 Top Packer Depth 3769 Drill Collars Run — Vis 58
 Bottom Packer Depth 3774 Wt. Pipe Run — WL 8.8
 Total Depth 3835 Chlorides 2,000 ppm System LCM 1 1/2
 Blow Description IF - BOBin 6 1/2 min
ISI - No blow
FF - BOBin 16 min
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>water</u>				
<u>585</u>	<u>vs 60cw</u>	<u>5</u>	<u>5</u>	<u>90</u>	
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 710 BHT 120 Gravity _____ API RW .35 @ 30 ° F Chlorides 5000 ppm

(A) Initial Hydrostatic <u>2,028</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location _____
(B) First Initial Flow <u>30</u>	<input type="checkbox"/> Jars _____	T-Started <u>13:15</u>
(C) First Final Flow <u>188</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>14:45</u>
(D) Initial Shut-In <u>229</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>17:15</u>
(E) Second Initial Flow <u>195</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>19:30</u>
(F) Second Final Flow <u>318</u>	<input checked="" type="checkbox"/> Mileage <u>9</u>	Comments _____
(G) Final Shut-In <u>221</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1,891</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1375</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1375</u>	

Approved By _____ Our Representative Brian Decker

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.