



## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Wyatt Urban

### **Dorothy #1-3**

### **3-18s-8w Rice,KS**

Start Date: 2014.11.02 @ 02:10:00

End Date: 2014.11.02 @ 09:14:30

Job Ticket #: 61880                      DST #: 1

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

Printed: 2014.11.08 @ 09:54:27



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
 Job Ticket: 61880 **DST#: 1**  
 Test Start: 2014.11.02 @ 02:10:00

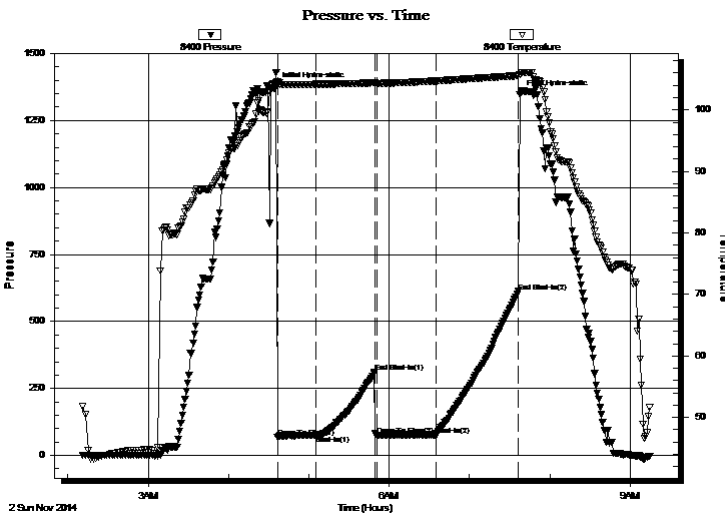
## GENERAL INFORMATION:

Formation: **LKC A-C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:36:30  
 Time Test Ended: 09:14:30  
 Interval: **2846.00 ft (KB) To 2900.00 ft (KB) (TVD)**  
 Total Depth: 2900.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: S5  
 Reference Elevations: 1788.00 ft (KB)  
 1780.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8400 Inside**  
 Press@RunDepth: 76.65 psig @ 2880.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.11.02 End Date: 2014.11.02 Last Calib.: 2014.11.02  
 Start Time: 02:11:00 End Time: 09:14:30 Time On Btm: 2014.11.02 @ 04:35:00  
 Time Off Btm: 2014.11.02 @ 07:37:30

**TEST COMMENT:** IFP-30 Minutes-Weak blow built 7"  
 ISIP-45 Minutes-No blow back  
 FFP-45 Minutes-Weak blow built 7"  
 FSIP-60 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1375.11	104.32	Initial Hydro-static
2	66.69	104.51	Open To Flow (1)
30	75.31	104.17	Shut-In(1)
74	311.21	104.41	End Shut-In(1)
76	74.45	104.31	Open To Flow (2)
120	76.65	104.69	Shut-In(2)
182	611.54	105.56	End Shut-In(2)
183	1345.84	105.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud	0.91

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61880 **DST#: 1**  
Test Start: 2014.11.02 @ 02:10:00

## GENERAL INFORMATION:

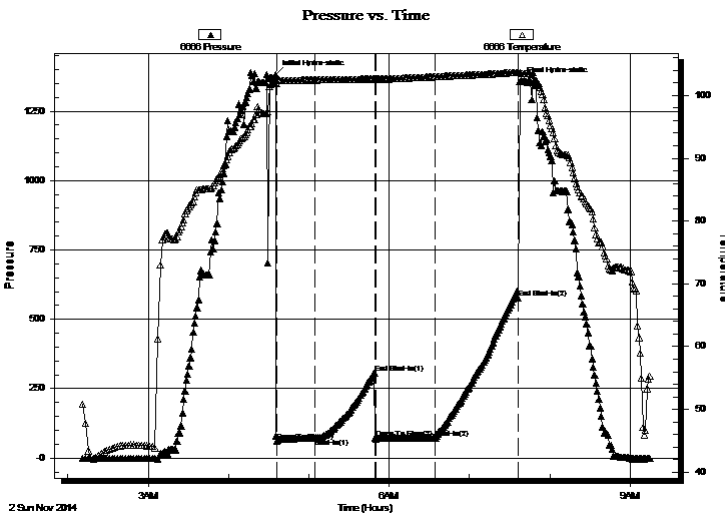
Formation: **LKC A-C**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 04:36:30  
Time Test Ended: 09:14:30  
Interval: **2846.00 ft (KB) To 2900.00 ft (KB) (TVD)**  
Total Depth: 2900.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Jared Scheck  
Unit No: S5  
Reference Elevations: 1788.00 ft (KB)  
1780.00 ft (CF)  
KB to GR/CF: 8.00 ft

## Serial #: 6666

Press@RunDepth: 575.86 psig @ ft (KB) Capacity: 5000.00 psig  
Start Date: 2014.11.02 End Date: 2014.11.02 Last Calib.: 2014.11.02  
Start Time: 02:11:00 End Time: 09:14:30 Time On Btm: 2014.11.02 @ 04:35:00  
Time Off Btm: 2014.11.02 @ 07:37:30

TEST COMMENT: IFP-30 Minutes-Weak blow built 7"  
ISIP-45 Minutes-No blow back  
FFP-45 Minutes-Weak blow built 7"  
FSIP-60 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1381.00	102.12	Initial Hydro-static
1	62.06	102.38	Open To Flow (1)
30	71.40	102.47	Shut-In(1)
74	305.95	102.66	End Shut-In(1)
75	70.11	102.59	Open To Flow (2)
120	72.45	102.98	Shut-In(2)
182	575.86	103.66	End Shut-In(2)
183	1356.28	103.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud	0.91

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61880 **DST#: 1**  
Test Start: 2014.11.02 @ 02:10:00

**Tool Information**

Drill Pipe:	Length: 2849.00 ft	Diameter: 3.80 inches	Volume: 39.96 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 39.96 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2846.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 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**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2823.00	
Hydraulic tool	5.00			2828.00	
Jars	6.00			2834.00	
Safety Joint	2.00			2836.00	
Packer	5.00			2841.00	28.00 Bottom Of Top Packer
Packer	5.00			2846.00	
Change Over Sub	0.75			2846.75	
Drill Pipe	31.50			2878.25	
Change Over Sub	0.75			2879.00	
Recorder	1.00	8400	Inside	2880.00	
Recorder	1.00	8525	Outside	2881.00	
Anchor	16.00			2897.00	
Bullnose	3.00			2900.00	54.00 Bottom Packers & Anchor

**Total Tool Length: 82.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61880      **DST#: 1**  
Test Start: 2014.11.02 @ 02:10:00

### Mud and Cushion Information

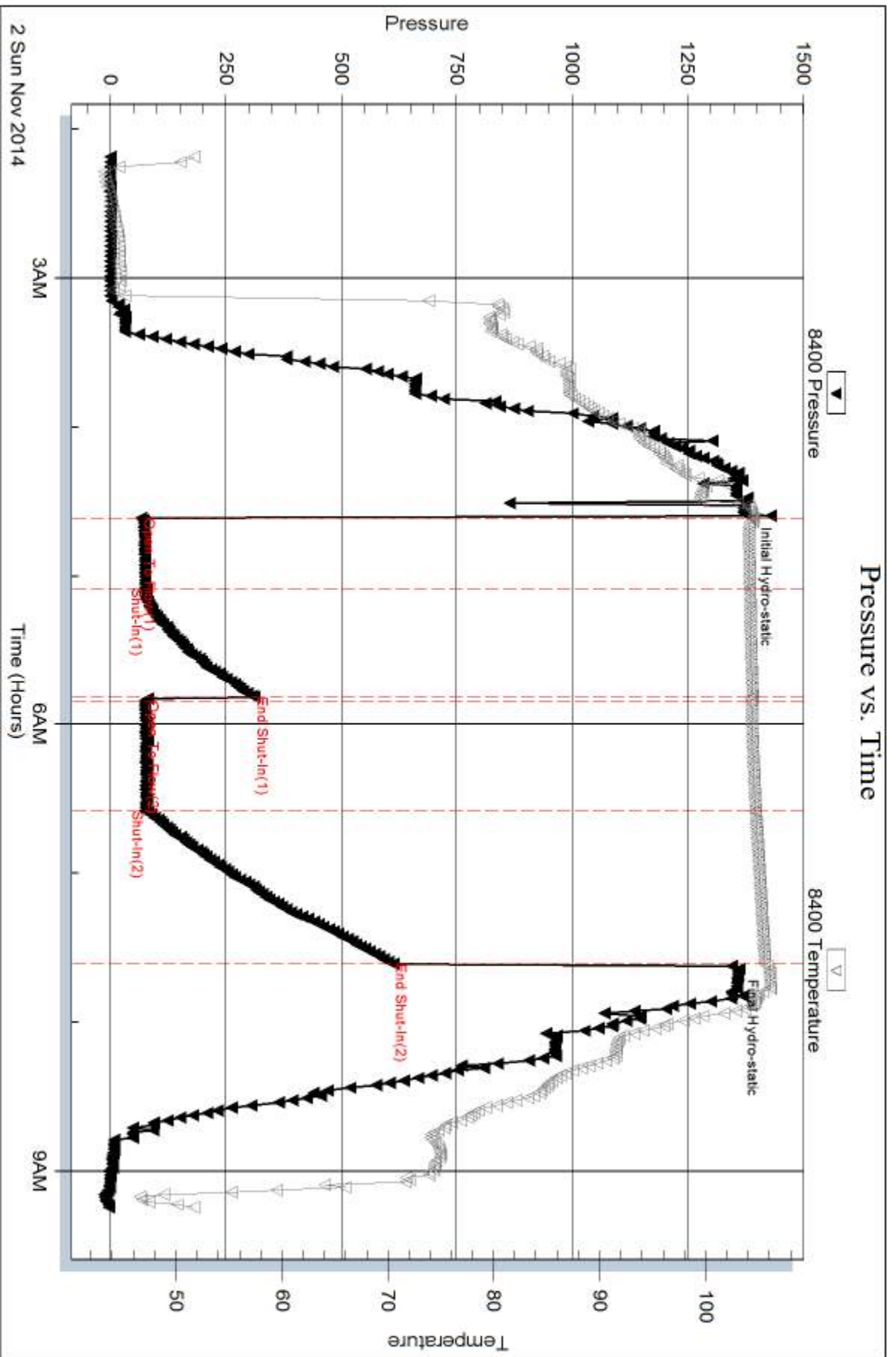
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: 1.00 inches			

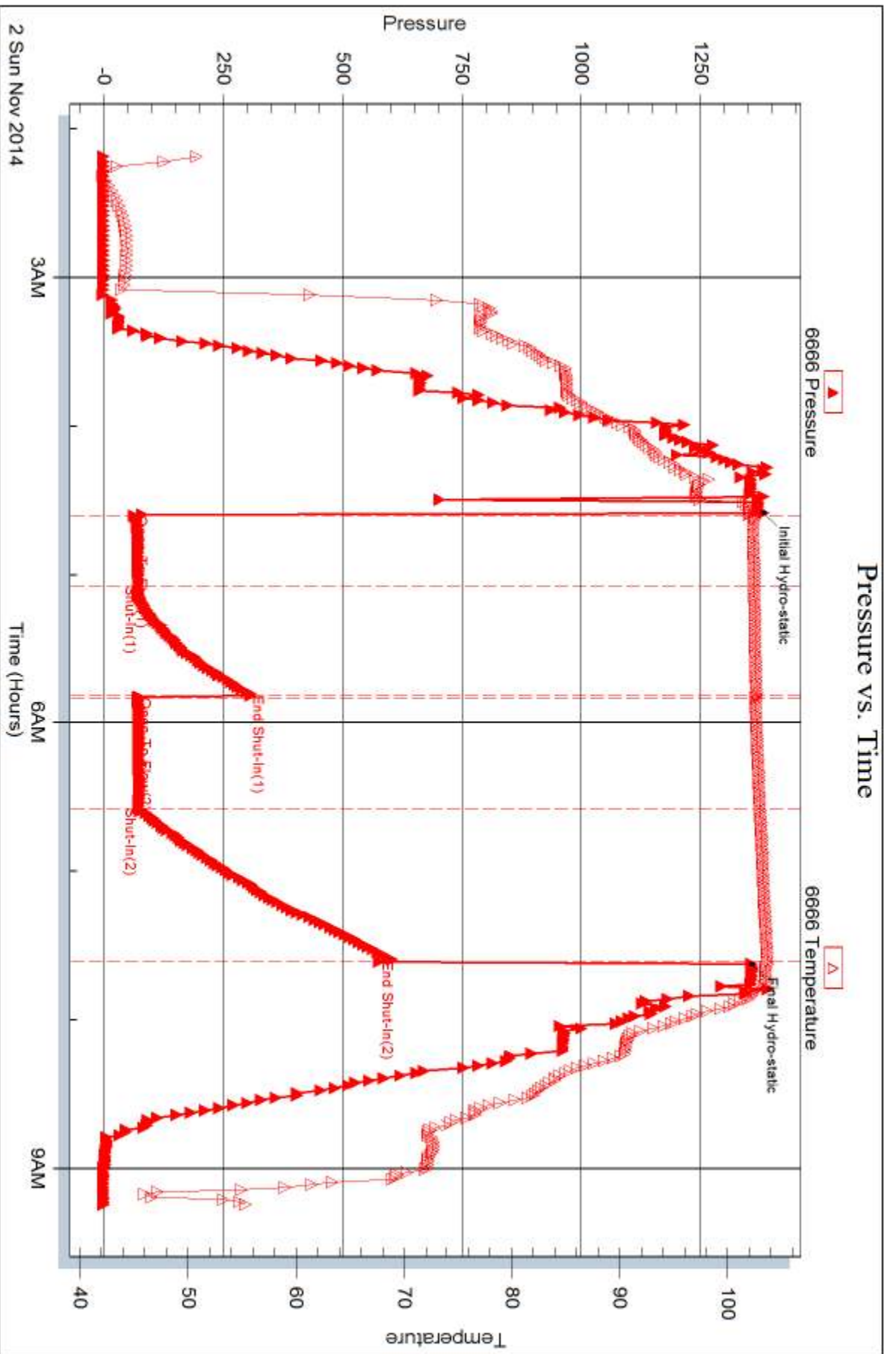
### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	mud	0.912

Total Length: 65.00 ft      Total Volume: 0.912 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Wyatt Urban

### **Dorothy #1-3**

#### **3-18s-8w Rice,KS**

Start Date: 2014.11.03 @ 09:00:00

End Date: 2014.11.03 @ 14:37:00

Job Ticket #: 61881                      DST #: 2

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

Printed: 2014.11.08 @ 09:53:44





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

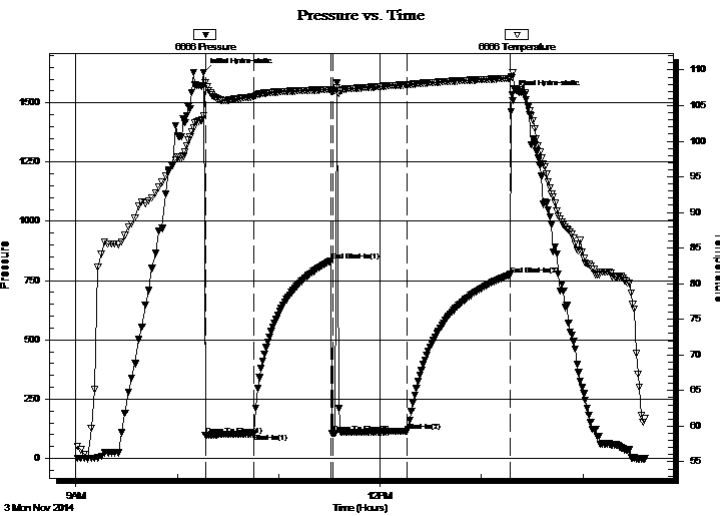
**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61881 **DST#: 2**  
Test Start: 2014.11.03 @ 09:00:00

## GENERAL INFORMATION:

Formation: **Conglomerate**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:16:30  
Time Test Ended: 14:37:00  
Interval: **3142.00 ft (KB) To 3253.00 ft (KB) (TVD)**  
Total Depth: 3253.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Jared Scheck  
Unit No: S5  
Reference Elevations: 1788.00 ft (KB)  
1780.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 6666 Inside**  
Press@RunDepth: 113.27 psig @ 3249.00 ft (KB) Capacity: 5000.00 psig  
Start Date: 2014.11.03 End Date: 2014.11.03 Last Calib.: 2014.11.03  
Start Time: 09:01:00 End Time: 14:37:00 Time On Btm: 2014.11.03 @ 10:15:30  
Time Off Btm: 2014.11.03 @ 13:18:00

**TEST COMMENT:** IFP-30 Minutes-Weak blow built 7 1/2" tool chased 15 feet to bottom  
ISIP-45 Minutes-No blow back  
FFP-45 Minutes-No blow flushed tool weak surge built 1 1/4"  
FSIP-60 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1627.25	103.55	Initial Hydro-static
1	97.18	108.21	Open To Flow (1)
30	104.46	106.28	Shut-In(1)
76	833.01	107.26	End Shut-In(1)
77	106.17	107.09	Open To Flow (2)
121	113.27	107.93	Shut-In(2)
182	774.96	108.84	End Shut-In(2)
183	1533.45	108.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud spot oil 100% mud	0.98

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61881 **DST#: 2**  
Test Start: 2014.11.03 @ 09:00:00

**Tool Information**

Drill Pipe:	Length: 3130.00 ft	Diameter: 3.80 inches	Volume: 43.91 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 43.91 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3142.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.00 ft			
Tool Length:	139.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3119.00	
Hydraulic tool	5.00			3124.00	
Jars	6.00			3130.00	
Safety Joint	2.00			3132.00	
Packer	5.00			3137.00	28.00 Bottom Of Top Packer
Packer	5.00			3142.00	
Anchor	5.00			3147.00	
Change Over Sub	0.75			3147.75	
Drill Pipe	63.50			3211.25	
Change Over Sub	0.75			3212.00	
Anchor	36.00			3248.00	
Recorder	1.00	6666	Inside	3249.00	
Recorder	1.00	8525	Outside	3250.00	
Bullnose	3.00			3253.00	111.00 Bottom Packers & Anchor

**Total Tool Length: 139.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice,KS**  
**Dorothy #1-3**  
Job Ticket: 61881      **DST#: 2**  
Test Start: 2014.11.03 @ 09:00:00

### Mud and Cushion Information

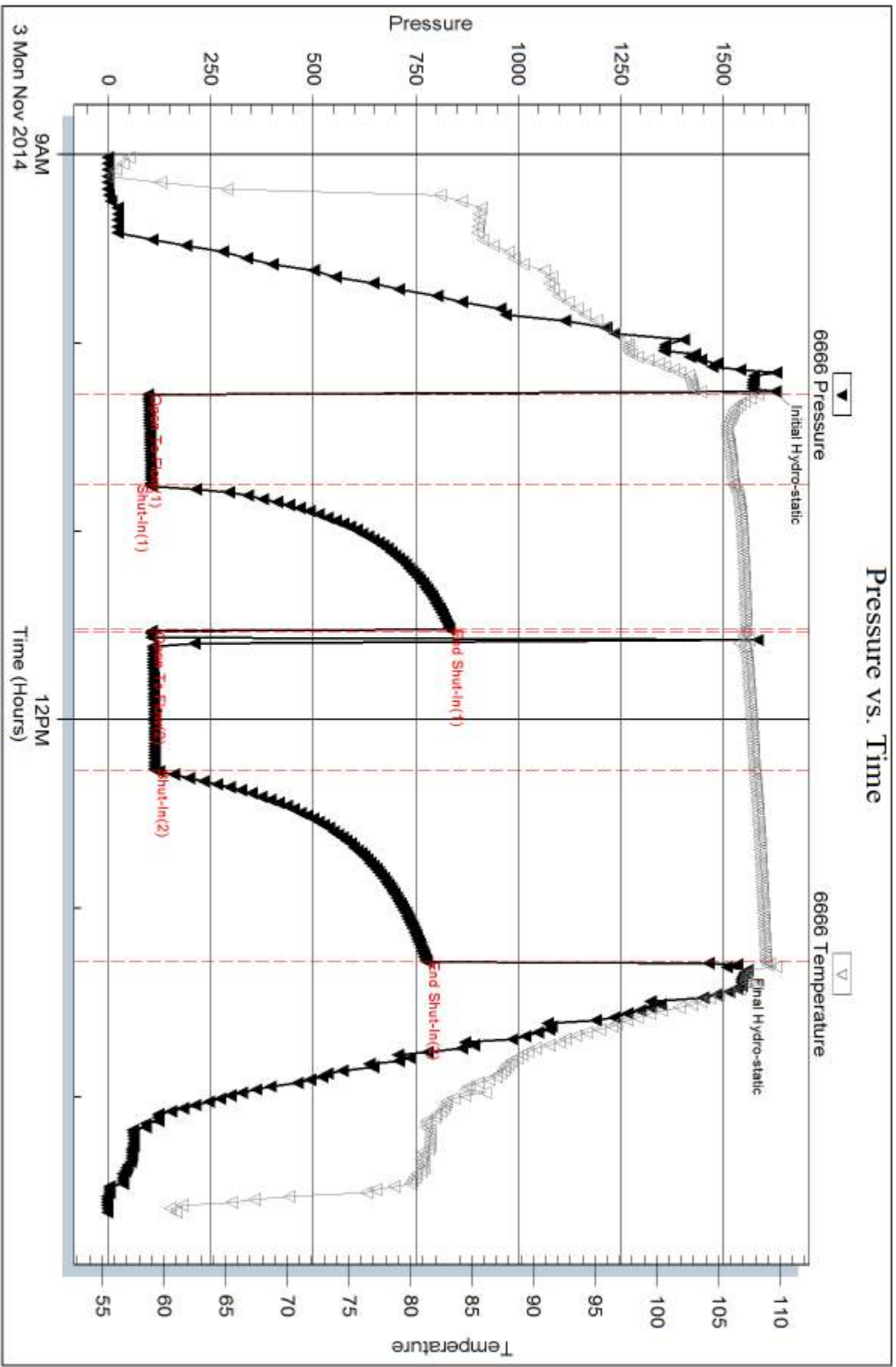
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5900.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud spot oil 100% mud	0.982

Total Length: 70.00 ft      Total Volume: 0.982 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Wyatt Urban

### **Dorothy #1-3**

#### **3-18s-8w Rice,KS**

Start Date: 2014.11.03 @ 21:50:00

End Date: 2014.11.04 @ 03:55:00

Job Ticket #: 61882                      DST #: 3

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

Printed: 2014.11.08 @ 09:53:02



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Wyatt Urban

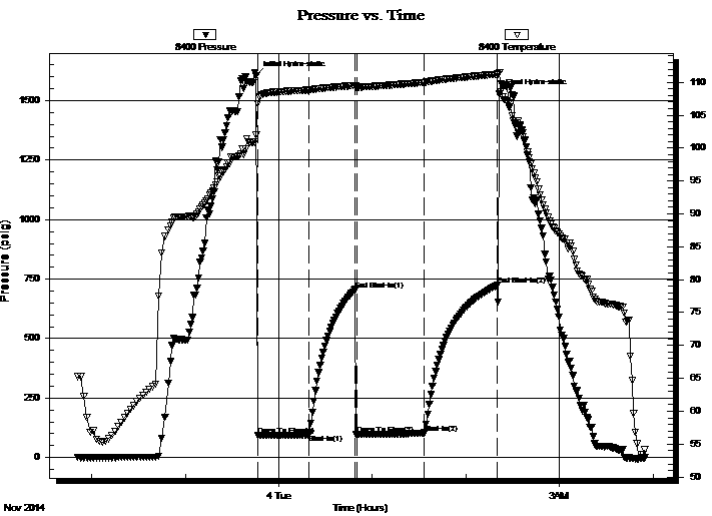
**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
 Job Ticket: 61882 **DST#: 3**  
 Test Start: 2014.11.03 @ 21:50:00

## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:46:30  
 Time Test Ended: 03:55:00  
 Interval: **3145.00 ft (KB) To 3263.00 ft (KB) (TVD)**  
 Total Depth: 3263.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: S5  
 Reference Elevations: 1788.00 ft (KB)  
 1780.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8400 Inside**  
 Press@RunDepth: 101.56 psig @ 3259.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.11.03 End Date: 2014.11.04 Last Calib.: 2014.11.04  
 Start Time: 21:51:00 End Time: 03:55:00 Time On Btm: 2014.11.03 @ 23:45:30  
 Time Off Btm: 2014.11.04 @ 02:21:30

**TEST COMMENT:** IFP-30 Minutes-Weak blow built 4" into water tool chased 8 to 10't  
 ISIP- 30 Minutes-No blow back  
 FFP- 45 Minutes-Weak blow built 4"  
 FSIP- 45 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.28	102.02	Initial Hydro-static
1	92.00	106.80	Open To Flow (1)
34	95.66	108.81	Shut-In(1)
64	705.51	109.50	End Shut-In(1)
65	98.17	109.27	Open To Flow (2)
108	101.56	109.98	Shut-In(2)
155	723.73	111.23	End Shut-In(2)
156	1530.09	111.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GO& Mud 5%g5%o 90%mud	0.84

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Wyatt Urban

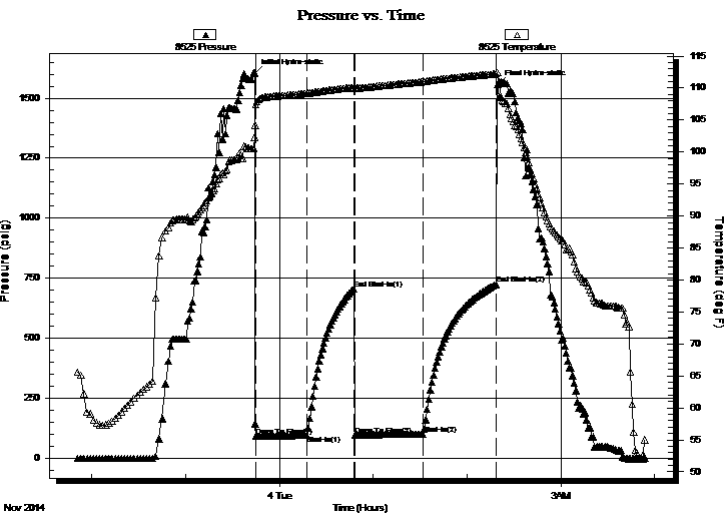
**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
 Job Ticket: 61882 **DST#: 3**  
 Test Start: 2014.11.03 @ 21:50:00

## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:46:30  
 Time Test Ended: 03:55:00  
 Interval: **3145.00 ft (KB) To 3263.00 ft (KB) (TVD)**  
 Total Depth: 3263.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: S5  
 Reference Elevations: 1788.00 ft (KB)  
 1780.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8525 Outside**  
 Press@RunDepth: 724.87 psig @ 3260.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.11.03 End Date: 2014.11.04 Last Calib.: 2014.11.04  
 Start Time: 21:51:00 End Time: 03:53:30 Time On Btm: 2014.11.03 @ 23:44:00  
 Time Off Btm: 2014.11.04 @ 02:19:30

**TEST COMMENT:** IFP-30 Minutes-Weak blow built 4" into water tool chased 8 to 10't  
 ISIP- 30 Minutes-No blow back  
 FFP- 45 Minutes-Weak blow built 4"  
 FSIP- 45 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.61	102.32	Initial Hydro-static
1	91.88	107.42	Open To Flow (1)
34	95.37	109.17	Shut-In(1)
64	706.47	110.12	End Shut-In(1)
65	97.96	109.98	Open To Flow (2)
108	101.54	111.00	Shut-In(2)
155	724.87	112.23	End Shut-In(2)
156	1557.46	112.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GO& Mud 5%g5%o 90%mud	0.84

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61882      **DST#: 3**  
Test Start: 2014.11.03 @ 21:50:00

**Tool Information**

Drill Pipe:	Length: 3132.00 ft	Diameter: 3.80 inches	Volume: 43.93 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 43.93 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3145.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	146.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: tool chased 10 feet

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3122.00	
Hydraulic tool	5.00			3127.00	
Jars	6.00			3133.00	
Safety Joint	2.00			3135.00	
Packer	5.00			3140.00	28.00      Bottom Of Top Packer
Packer	5.00			3145.00	
Anchor	5.00			3150.00	
Change Over Sub	0.75			3150.75	
Drill Pipe	63.50			3214.25	
Change Over Sub	0.75			3215.00	
Anchor	43.00			3258.00	
Recorder	1.00	8400	Inside	3259.00	
Recorder	1.00	8525	Outside	3260.00	
Bullnose	3.00			3263.00	118.00      Bottom Packers & Anchor

**Total Tool Length: 146.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Wyatt Urban

**3-18s-8w Rice, KS**  
**Dorothy #1-3**  
Job Ticket: 61882      **DST#: 3**  
Test Start: 2014.11.03 @ 21:50:00

### Mud and Cushion Information

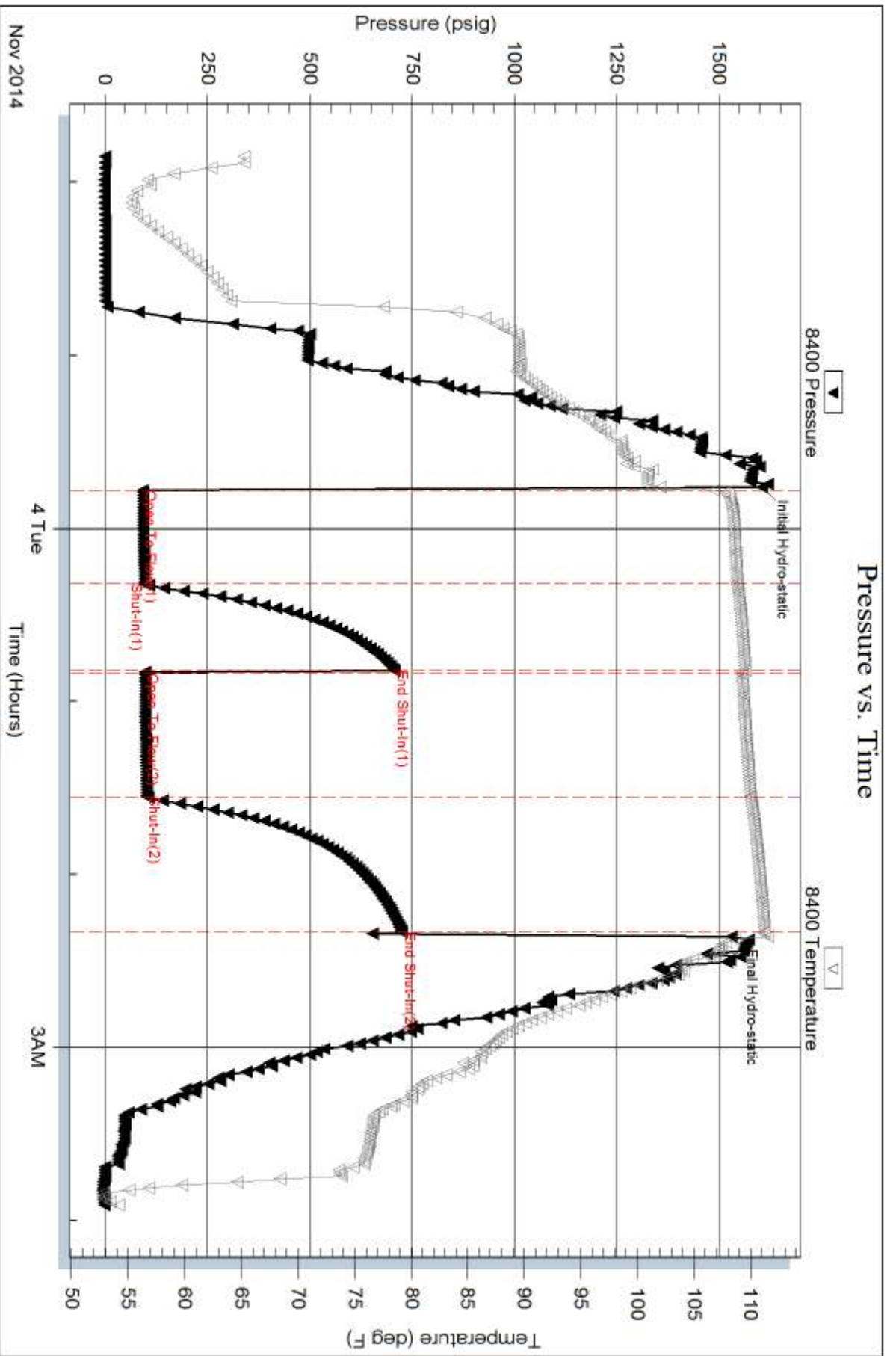
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

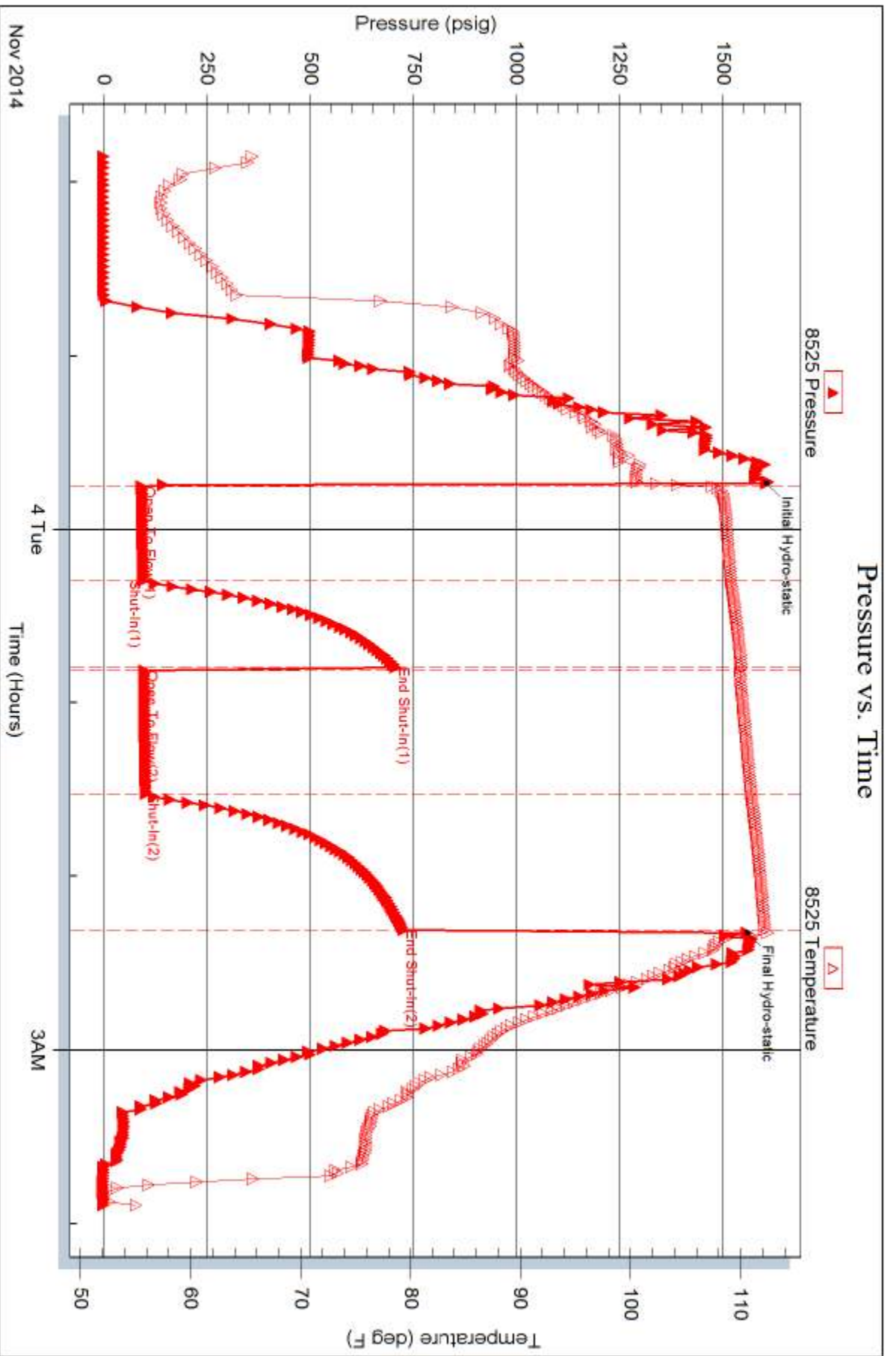
### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GO& Mud 5%g5%o 90%mud	0.842

Total Length: 60.00 ft      Total Volume: 0.842 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: tool chased 10 feet







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61880

Well Name & No. Dorothy #1-3 Test No. 1 Date 11-2-2014  
 Company American Warrior Inc Elevation 1788 KB 1780 GL  
 Address 3118 Cummings RD Garden City KS 67846  
 Co. Rep / Geo. Wyatt Urban Rig Duke Rig #8  
 Location: Sec. 3 Twp. 18 Rge. 8 Co. Rice State KS

Interval Tested 2846 - 2900 Zone Tested Lansing A-C  
 Anchor Length 54 Drill Pipe Run \_\_\_\_\_ Mud Wt. 8.8  
 Top Packer Depth 2841 Drill Collars Run - Vis 4.8  
 Bottom Packer Depth 2846 Wt. Pipe Run - WL 2.2  
 Total Depth 2900 Chlorides 4,900 ppm System LCM 0

Blow Description IIFP - Weak Blow Built 7 inches into water in 30 minutes  
IIFP - NO Blow Back  
FFP - Weak Blow Built 7 inches into water in 45 minutes  
FFP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>mud</u>				
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1375</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1:45</u>
(B) First Initial Flow <u>66</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2:10</u>
(C) First Final Flow <u>75</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>3:40</u>
(D) Initial Shut-In <u>311</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>6:40</u>
(E) Second Initial Flow <u>74</u>	<input type="checkbox"/> Hourly Standby _____	T-Out _____
(F) Second Final Flow <u>76</u>	<input checked="" type="checkbox"/> Mileage <u>100 RT Great Bend</u> 155	Comments <u>Tool chased 10 feet to Bottom</u>
(G) Final Shut-In <u>611</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1345</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1630</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1630</u>	

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

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. 61881

Well Name & No. Dorothy #1-3 Test No. 2 Date 11-3-2014  
 Company American Warrior Inc Elevation 1789 KB 1780 GL  
 Address 3118 Cummings RD Garden City KS 67840  
 Co. Rep / Geo. Watt Urban Rig Deke Rig #8  
 Location: Sec. 3 Twp. 18 Rge. 8 Co. Rice State KS

Interval Tested 3142 - 3253 Zone Tested conglom  
 Anchor Length 111 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.0  
 Top Packer Depth 3137 Drill Collars Run - Vis 50  
 Bottom Packer Depth 3142 Wt. Pipe Run - WL 7.2  
 Total Depth 3253 Chlorides 5900 ppm System LCM 0

Blow Description I/FP - Weak Blow Built 7 1/2 inches into water Tool chases 15 feet to bottom  
ISIP - NO Blow Back  
FFP - NO Blow Flushed Tool Weak Surge Built 1/2 inch in 45 minutes  
FSIP - NO Blow

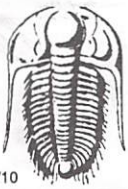
Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>mlc spoil</u>				<u>100%</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1627  Test 1150 T-On Location 8:50A  
 (B) First Initial Flow 97  Jars 250 T-Started 9:00A  
 (C) First Final Flow 104  Safety Joint 75 T-Open 10:17  
 (D) Initial Shut-In 833  Circ Sub \_\_\_\_\_ T-Pulled 1:17  
 (E) Second Initial Flow 106  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 113  Mileage 100 RT Great Bend 155 Comments Tool chases 15 feet to bottom / Flushed Tool 2nd open chase & Tool  
 (G) Final Shut-In 774  Sampler \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 (H) Final Hydrostatic 1533  Straddle \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Recorder \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 66.67  
 Day Standby 1d 2h Total 1696.67  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1630

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. 61882

Well Name & No. Dorothy #1-3 Test No. 3 Date 11-3-2014  
 Company American Warrior Inc Elevation 1788 KB 1780 GL  
 Address 3118 Cummins, Rd Garden City KS 67846  
 Co. Rep / Geo. Wyatt Urban Rig Duke Rig #8  
 Location: Sec. 3 Twp. 18 Rge. 8 Co. Rice State KS

Interval Tested 3145-3263 Zone Tested Cong sd  
 Anchor Length 118 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.3  
 Top Packer Depth 3140 Drill Collars Run - Vis 68  
 Bottom Packer Depth 3145 Wt. Pipe Run - WL 6.4  
 Total Depth 3263 Chlorides 3800 ppm System LCM ~~○~~

Blow Description IFP-Weak Blow Built 4 inches into water  
ISIP- NO Blow Back  
FFP- Weak Blow Built 4 inches into water  
FSIP- NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>60 cut mud</u>	<u>5</u>	<u>5</u>	<u>90</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 60 BHT 111 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1604  Test 1150 T-On Location 9:15  
 (B) First Initial Flow 92  Jars 250 T-Started 9:50  
 (C) First Final Flow 95  Safety Joint 75 T-Open 10:45  
 (D) Initial Shut-In 205  Circ Sub \_\_\_\_\_ T-Pulled 2:15  
 (E) Second Initial Flow 98  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 101  Mileage 100 RT Grant Band 155 Comments Tool Chased 8 to 10 feet  
 (G) Final Shut-In 723  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1530  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Total 1630  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1630

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

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

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.