



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

Box 399  
Garden City, KS 67846

ATTN: Kevin Timson

**Frank #1-4**

**4 27s 31w Haskell,KS**

Start Date: 2014.10.26 @ 15:51:00

End Date: 2014.10.26 @ 23:53:15

Job Ticket #: 58577                      DST #: 1

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

Printed: 2014.10.30 @ 17:00:58



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
Box 399  
Garden City, KS 67846  
ATTN: Kevin Timson

**4 27s 31w Haskell, KS**

**Frank #1-4**

Job Ticket: 58577

**DST#: 1**

Test Start: 2014.10.26 @ 15:51:00

## GENERAL INFORMATION:

Formation: **LKC - J**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 18:31:30  
 Tester: Bradley Walter  
 Time Test Ended: 23:53:15  
 Unit No: 69  
 Interval: **4474.00 ft (KB) To 4522.00 ft (KB) (TVD)**  
 Reference Elevations: 2826.00 ft (KB)  
 Total Depth: 4522.00 ft (KB) (TVD)  
 2813.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 13.00 ft

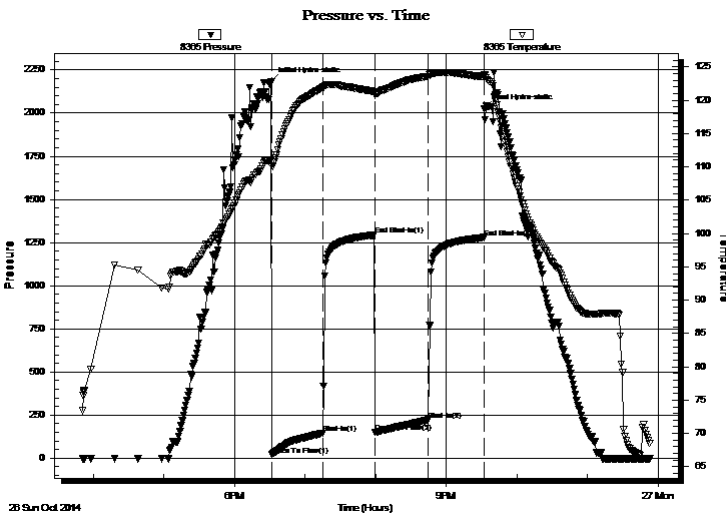
## Serial #: 8365

Inside

Press@RunDepth: 222.46 psig @ 4475.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.10.26 End Date: 2014.10.26 Last Calib.: 2014.10.26  
 Start Time: 15:51:05 End Time: 23:53:14 Time On Btm: 2014.10.26 @ 18:31:15  
 Time Off Btm: 2014.10.26 @ 21:32:30

TEST COMMENT: 45 - IF: 6" blow .  
 45 - IS: No return.  
 45 - FF: 3" blow .  
 45 - FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2182.09	111.02	Initial Hydro-static
1	19.30	110.20	Open To Flow (1)
44	146.26	121.85	Shut-In(1)
88	1293.47	121.27	End Shut-In(1)
89	149.38	120.76	Open To Flow (2)
134	222.46	123.58	Shut-In(2)
181	1279.25	123.48	End Shut-In(2)
182	2024.90	123.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
450.00	mcw 10m 90w (oil spots in tool)	4.68

## Gas Rates

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



# DRILL STEM TEST REPORT

American Warrior, Inc  
 Box 399  
 Garden City, KS 67846  
 ATTN: Kevin Timson

4 27s 31w Haskell, KS  
**Frank #1-4**  
 Job Ticket: 58577 **DST#: 1**  
 Test Start: 2014.10.26 @ 15:51:00

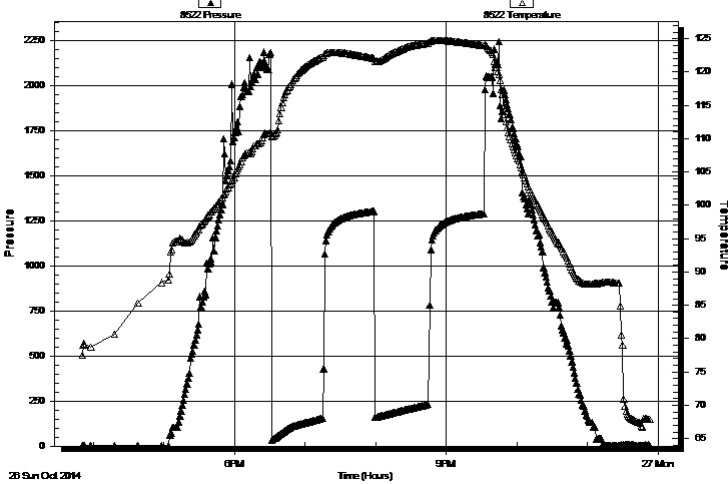
## GENERAL INFORMATION:

Formation: **LKC - J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:31:30  
 Time Test Ended: 23:53:15  
**Interval: 4474.00 ft (KB) To 4522.00 ft (KB) (TVD)**  
 Total Depth: 4522.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Bradley Walter  
 Unit No: 69  
 Reference Elevations: 2826.00 ft (KB)  
 2813.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 8522****Outside**

Press@RunDepth: psig @ 4475.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.10.26 End Date: 2014.10.26 Last Calib.: 2014.10.27  
 Start Time: 15:51:05 End Time: 23:53:14 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 45 - IF: 6" blow .  
 45 - ISI: No return.  
 45 - FF: 3" blow .  
 45 - FSI: No return.

**Pressure vs. Time****PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
450.00	mcw 10m 90w (oil spots in tool)	4.68

**Gas Rates**

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**4 27s 31w Haskell, KS**

Box 399  
Garden City, KS 67846

**Frank #1-4**

Job Ticket: 58577

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.10.26 @ 15:51:00

## Tool Information

Drill Pipe:	Length: 4296.00 ft	Diameter: 3.80 inches	Volume: 60.26 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 61.14 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4474.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 ft				
Tool Length:	75.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4448.00	
Shut In Tool	5.00			4453.00	
Hydraulic tool	5.00			4458.00	
Jars	5.00			4463.00	
Safety Joint	2.00			4465.00	
Packer	5.00			4470.00	27.00 Bottom Of Top Packer
Packer	4.00			4474.00	
Stubb	1.00			4475.00	
Recorder	0.00	8365	Inside	4475.00	
Recorder	0.00	8522	Outside	4475.00	
Perforations	11.00			4486.00	
Change Over Sub	1.00			4487.00	
Drill Pipe	31.00			4518.00	
Change Over Sub	1.00			4519.00	
Bullnose	3.00			4522.00	48.00 Bottom Packers & Anchor

**Total Tool Length: 75.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc  
Box 399  
Garden City, KS 67846  
ATTN: Kevin Timson

**4 27s 31w Haskell, KS**  
**Frank #1-4**  
Job Ticket: 58577      **DST#: 1**  
Test Start: 2014.10.26 @ 15:51:00

### Mud and Cushion Information

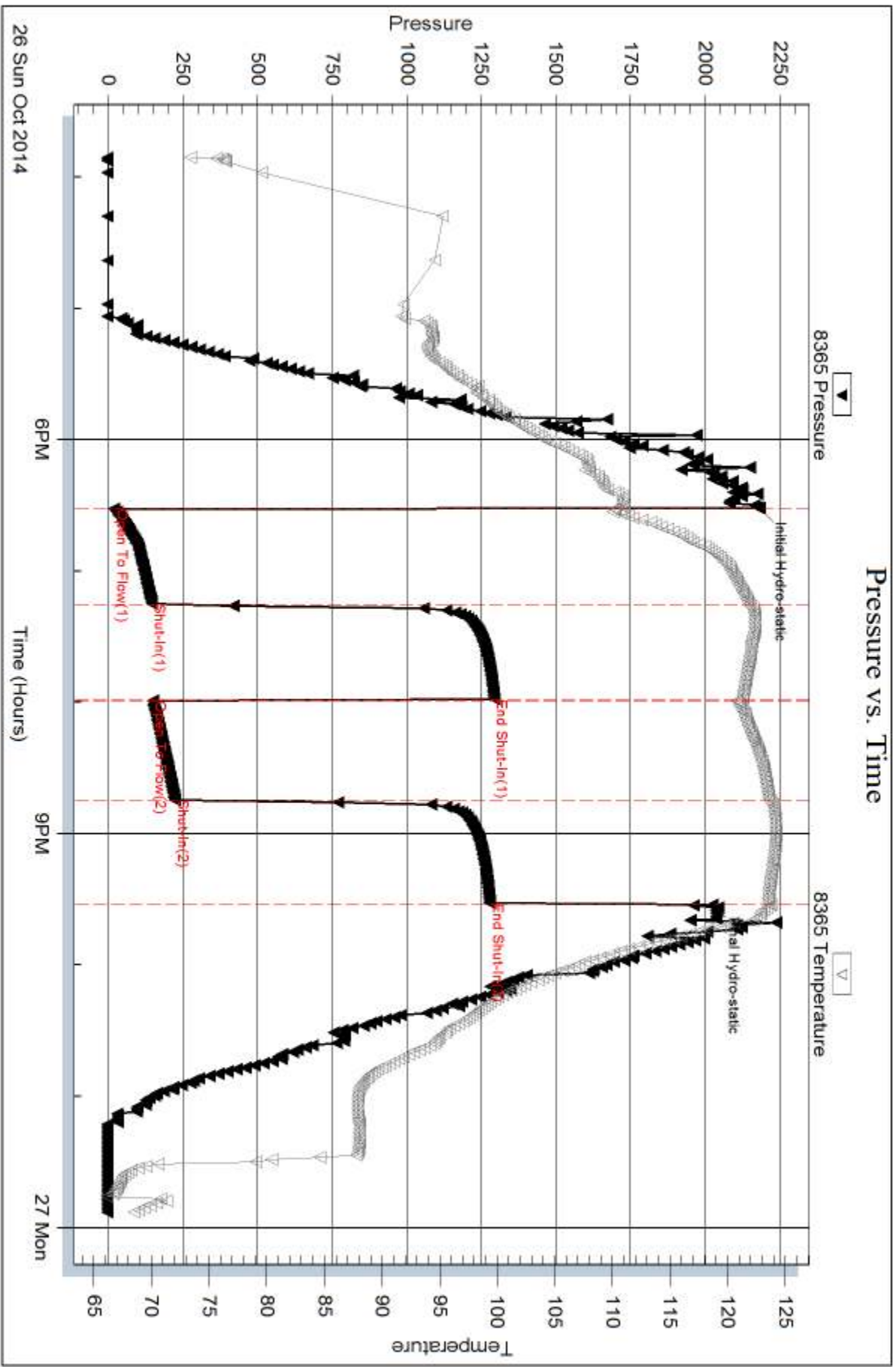
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 33000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.39 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1400.00 ppm		
Filter Cake: 1.00 inches		

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
450.00	mcw 10m 90w (oil spots in tool)	4.682

Total Length: 450.00 ft      Total Volume: 4.682 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: rw is .250 @ 60F = 33000ppm

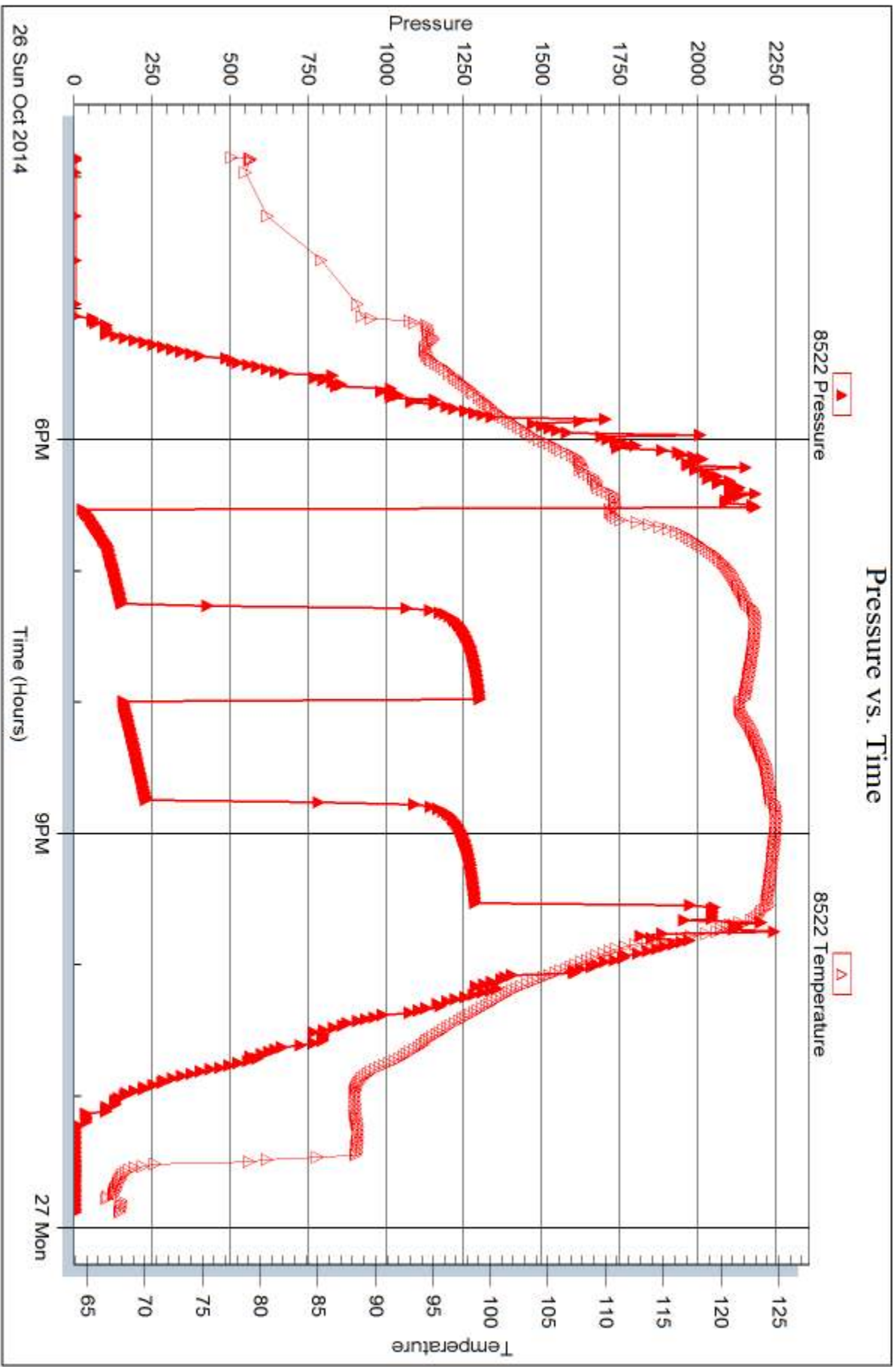


Serial #: 8522

Outside American Warrior, Inc

Frank #1-4

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58577

Printed: 2014, 10:30 @ 17:01:00



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

Box 399  
Garden City, KS 67846

ATTN: Kevin Timson

**Frank #1-4**

**4 27s 31w Haskell,KS**

Start Date: 2014.10.27 @ 17:41:00

End Date: 2014.10.27 @ 23:25:30

Job Ticket #: 58578                      DST #: 2

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

Printed: 2014.10.30 @ 17:00:36





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 Box 399  
 Garden City, KS 67846  
 ATTN: Kevin Timson

**4 27s 31w Haskell, KS**

**Frank #1-4**

Job Ticket: 58578      **DST#: 2**  
 Test Start: 2014.10.27 @ 17:41:00

## GENERAL INFORMATION:

Formation: **Marmaton A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 19:56:00  
 Time Test Ended: 23:25:30  
 Interval: **4616.00 ft (KB) To 4677.00 ft (KB) (TVD)**  
 Total Depth: 4677.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 69  
 Reference Elevations: 2826.00 ft (KB)  
 2813.00 ft (CF)  
 KB to GR/CF: 13.00 ft

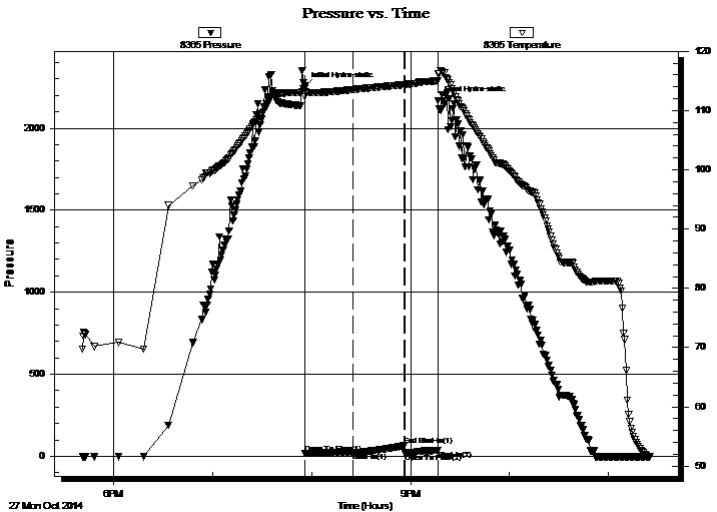
## Serial #: 8365

Inside

Press@RunDepth: 24.48 psig @ 4617.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.10.27      End Date: 2014.10.27      Last Calib.: 2014.10.27  
 Start Time: 17:41:05      End Time: 23:25:29      Time On Btm: 2014.10.27 @ 19:55:45  
 Time Off Btm: 2014.10.27 @ 21:16:45

TEST COMMENT: 30- IF: Surface blow , Died @ 10 min.  
 30- IS: No return.  
 10- FF: No blow . Flushed tool - blow died.  
 FSI: Pulled test

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.82	113.78	Initial Hydro-static
1	17.19	112.39	Open To Flow (1)
30	24.48	113.55	Shut-In(1)
61	64.28	114.39	End Shut-In(1)
61	19.46	114.40	Open To Flow (2)
81	38.41	115.03	Shut-In(2)
81	2169.26	116.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100M	0.15

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**4 27s 31w Haskell, KS**

Box 399  
Garden City, KS 67846

**Frank #1-4**

Job Ticket: 58578

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.10.27 @ 17:41:00

## Tool Information

Drill Pipe:	Length: 4415.00 ft	Diameter: 3.80 inches	Volume: 61.93 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 62.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4616.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	78.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4590.00	
Shut In Tool	5.00			4595.00	
Hydraulic tool	5.00			4600.00	
Jars	5.00			4605.00	
Safety Joint	2.00			4607.00	
Packer	5.00			4612.00	27.00 Bottom Of Top Packer
Packer	4.00			4616.00	
Stubb	1.00			4617.00	
Recorder	0.00	8365	Inside	4617.00	
Recorder	0.00	8522	Outside	4617.00	
Perforations	14.00			4631.00	
Change Over Sub	1.00			4632.00	
Drill Pipe	31.00			4663.00	
Change Over Sub	1.00			4664.00	
Bullnose	3.00			4667.00	51.00 Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc  
Box 399  
Garden City, KS 67846  
ATTN: Kevin Timson

**4 27s 31w Haskell, KS**  
**Frank #1-4**  
Job Ticket: 58578      **DST#: 2**  
Test Start: 2014.10.27 @ 17:41:00

### Mud and Cushion Information

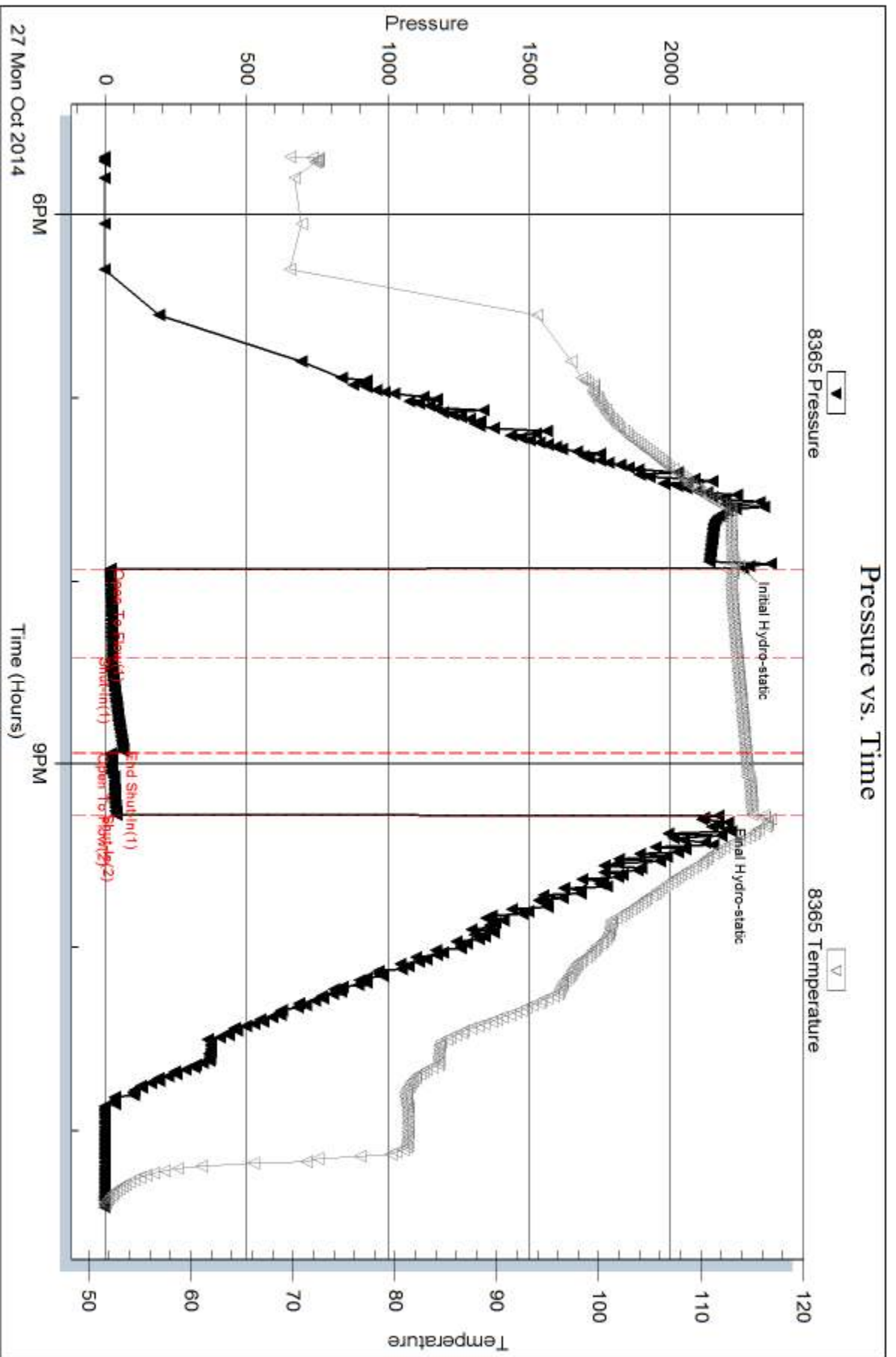
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud 100M	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

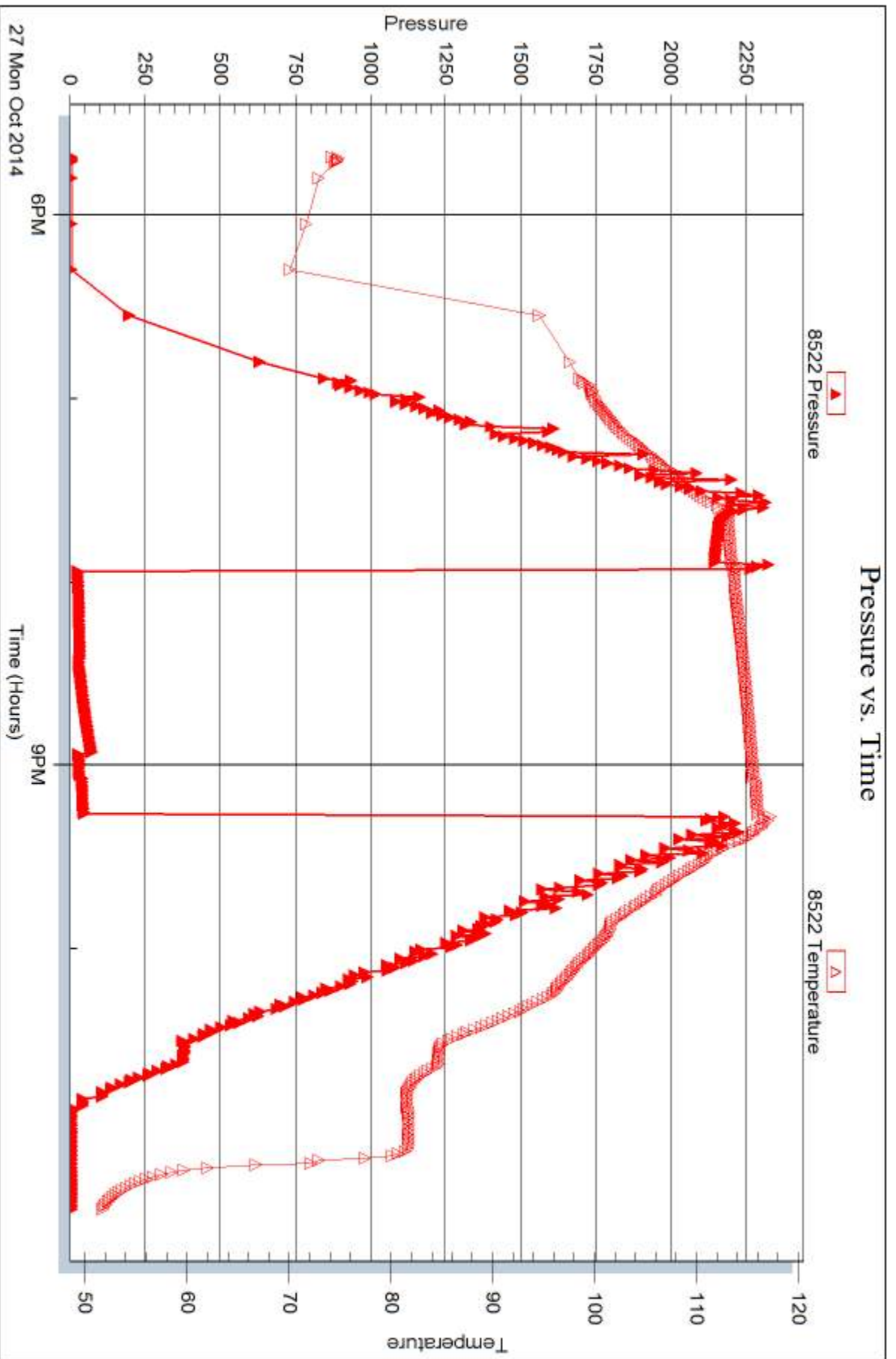


Serial #: 8522

Outside American Warrior, Inc

Frank #1-4

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58578

Printed: 2014, 10:30 @ 17:00:38



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

Box 399  
Garden City, KS 67846

ATTN: Kevin Timson

**Frank #1-4**

**4 27s 31w Haskell,KS**

Start Date: 2014.10.28 @ 12:34:00

End Date: 2014.10.28 @ 17:55:45

Job Ticket #: 58579                      DST #: 3

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

Printed: 2014.10.30 @ 17:00:08



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 Box 399  
 Garden City, KS 67846  
 ATTN: Kevin Timson

**4 27s 31w Haskell, KS**

**Frank #1-4**

Job Ticket: 58579

**DST#: 3**

Test Start: 2014.10.28 @ 12:34:00

## GENERAL INFORMATION:

Formation: **Pawnee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:38:45  
 Time Test Ended: 17:55:45  
 Interval: **4720.00 ft (KB) To 4752.00 ft (KB) (TVD)**  
 Total Depth: 4752.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 69  
 Reference Elevations: 2826.00 ft (KB)  
 2813.00 ft (CF)  
 KB to GR/CF: 13.00 ft

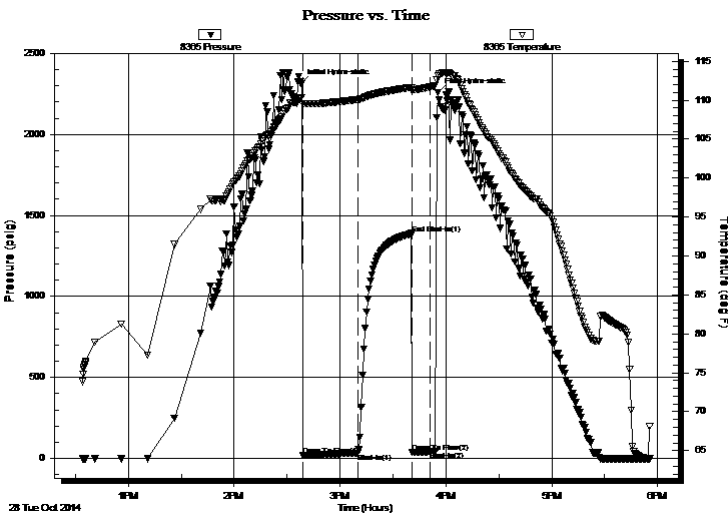
**Serial #: 8365**

**Inside**

Press@RunDepth: 32.84 psig @ 4721.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.10.28 End Date: 2014.10.28 Last Calib.: 2014.10.28  
 Start Time: 12:34:05 End Time: 17:55:44 Time On Btm: 2014.10.28 @ 14:38:00  
 Time Off Btm: 2014.10.28 @ 15:55:30

TEST COMMENT: 30- IF: Surface blow .  
 30- IS: No return.  
 10- FF: No blow .  
 Pulled test

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.76	110.30	Initial Hydro-static
1	18.02	109.59	Open To Flow (1)
32	32.84	110.10	Shut-In(1)
63	1388.44	111.67	End Shut-In(1)
63	37.18	111.27	Open To Flow (2)
73	42.81	111.69	Shut-In(2)
78	2256.85	113.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m	0.10

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 Box 399  
 Garden City, KS 67846  
 ATTN: Kevin Timson

**4 27s 31w Haskell, KS**  
**Frank #1-4**  
 Job Ticket: 58579 **DST#: 3**  
 Test Start: 2014.10.28 @ 12:34:00

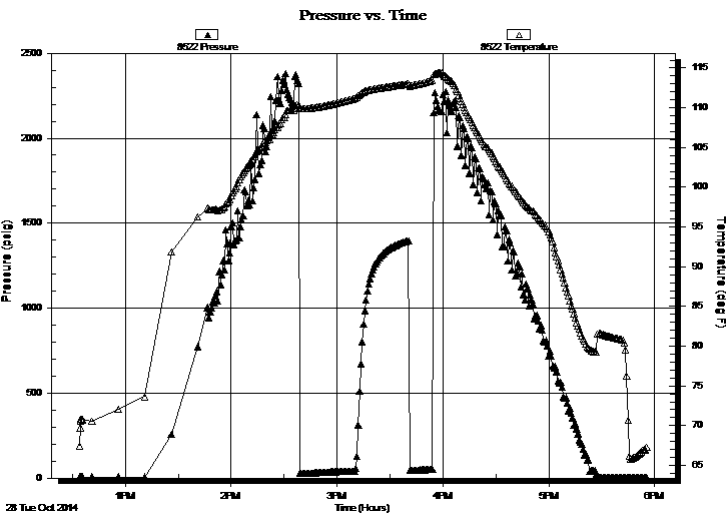
## GENERAL INFORMATION:

Formation: <b>Pawnee</b>			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)	
Time Tool Opened: 14:38:45		Tester: Bradley Walter	
Time Test Ended: 17:55:45		Unit No: 69	
<b>Interval: 4720.00 ft (KB) To 4752.00 ft (KB) (TVD)</b>		Reference Elevations: 2826.00 ft (KB)	
Total Depth: 4752.00 ft (KB) (TVD)		2813.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 13.00 ft	

### Serial #: 8522 Outside

Press@RunDepth: psig @ 4721.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.10.28	End Date: 2014.10.28
Start Time: 12:34:05	End Time: 17:55:44
	Last Calib.: 2014.10.28
	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30- IF: Surface blow .  
 30- IS: No return.  
 10- FF: No blow .  
 Pulled test



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100m	0.10

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**4 27s 31w Haskell, KS**

Box 399  
Garden City, KS 67846

**Frank #1-4**

Job Ticket: 58579

**DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.10.28 @ 12:34:00

## Tool Information

Drill Pipe:	Length: 4521.00 ft	Diameter: 3.80 inches	Volume: 63.42 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 64.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4720.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4694.00	
Shut In Tool	5.00			4699.00	
Hydraulic tool	5.00			4704.00	
Jars	5.00			4709.00	
Safety Joint	2.00			4711.00	
Packer	5.00			4716.00	27.00 Bottom Of Top Packer
Packer	4.00			4720.00	
Stubb	1.00			4721.00	
Recorder	0.00	8365	Inside	4721.00	
Recorder	0.00	8522	Outside	4721.00	
Perforations	28.00			4749.00	
Bullnose	3.00			4752.00	32.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc

**4 27s 31w Haskell, KS**

Box 399  
Garden City, KS 67846

**Frank #1-4**

Job Ticket: 58579

**DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.10.28 @ 12:34:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	mud 100m	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

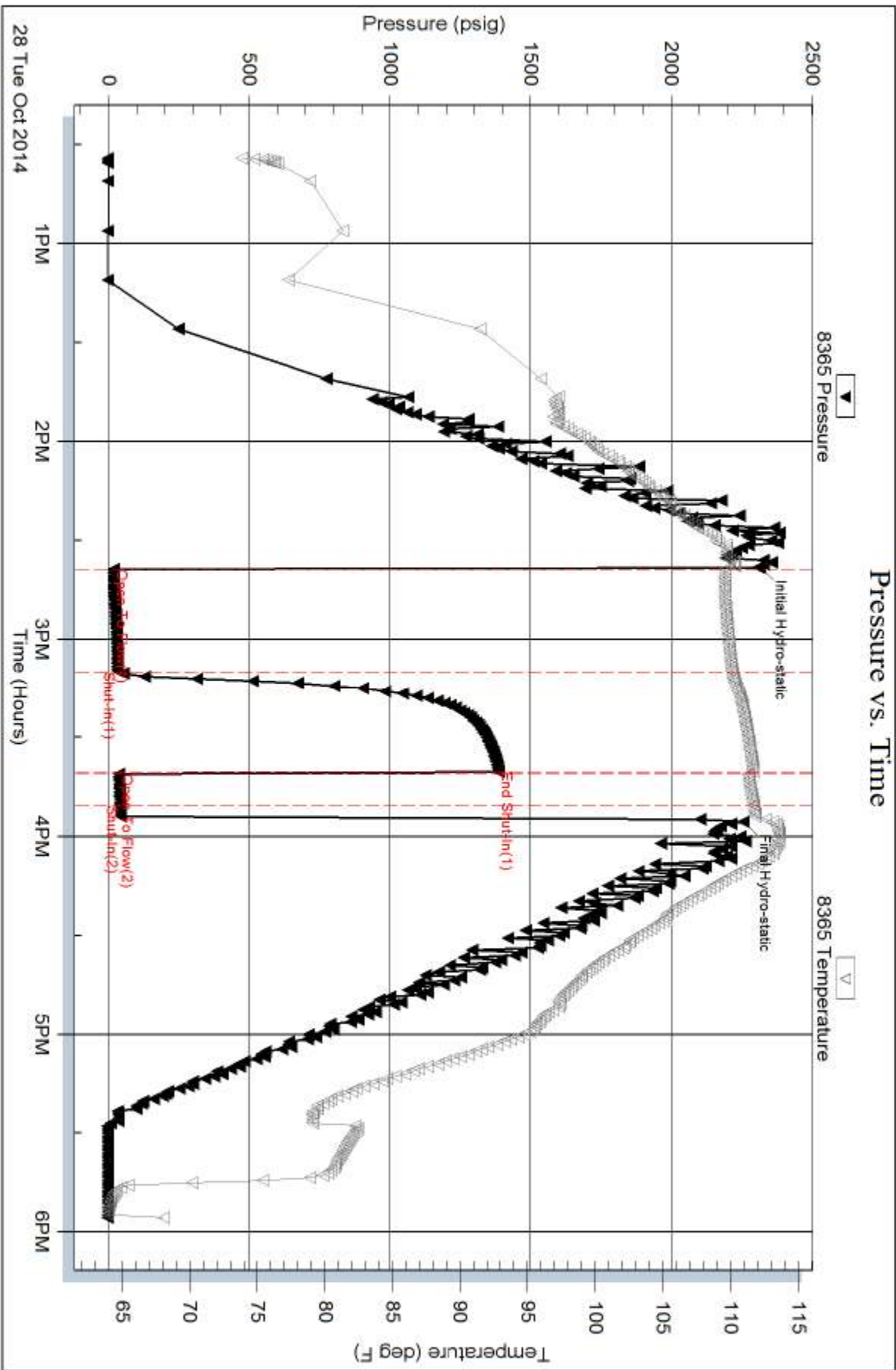
Serial #: 8365

Inside

American Warrior, Inc

Frank #1-4

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58579

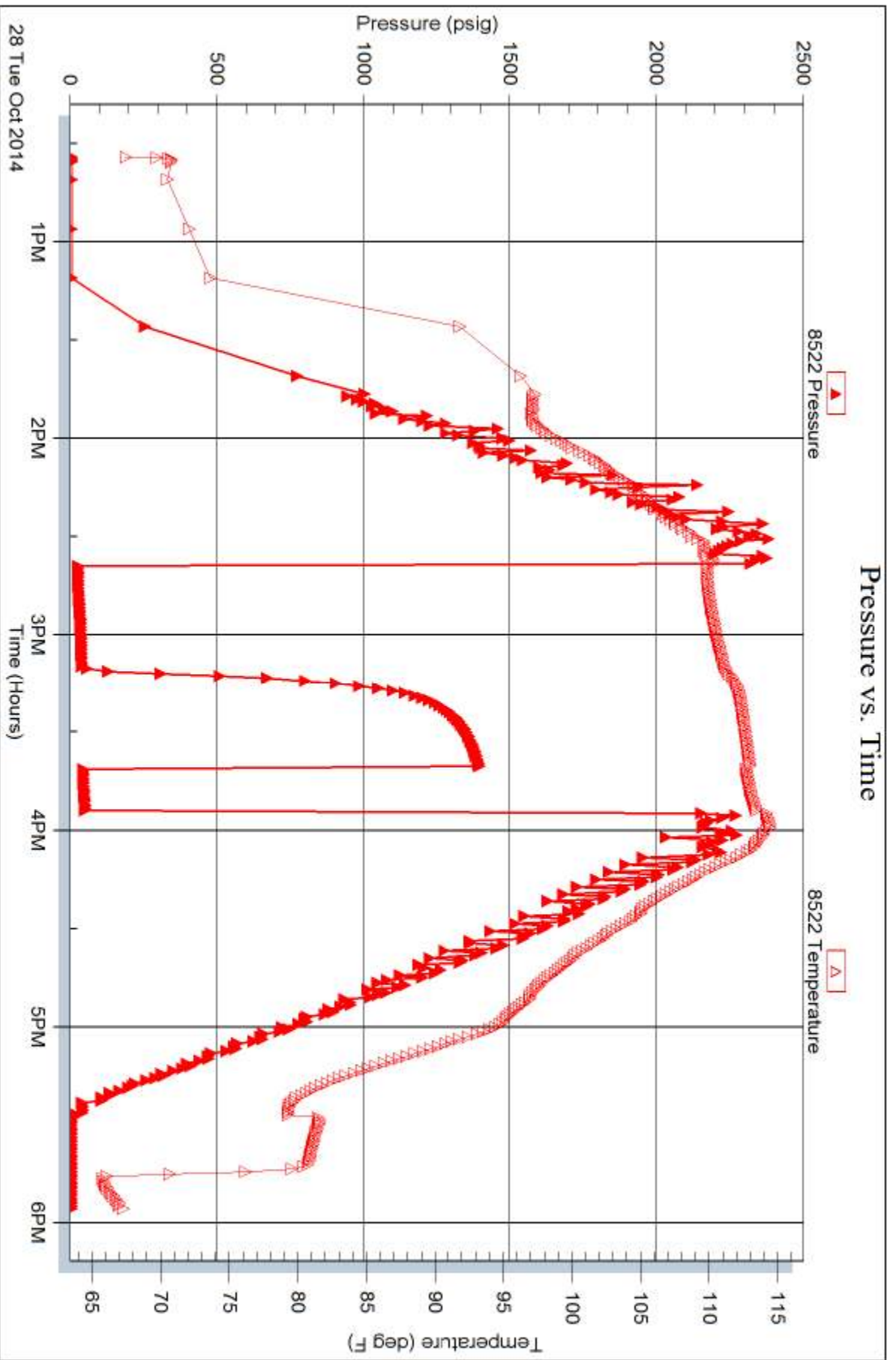
Printed: 2014, 10:30 @ 17:00:10

Serial #: 8522

Outside American Warrior, Inc

Frank #1-4

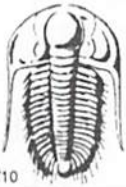
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58579

Printed: 2014, 10:30 @ 17:00:10



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58577

4/10

Well Name & No. Frank #1-4 Test No. 1 Date 10/26/2014  
 Company American Warrior, Inc Elevation 2826 KB 2813 GL  
 Address Box 399 Garden City, ks 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #9  
 Location: Sec. 4 Twp. 27 S Rge. 31 W Co. Haskell State Ks

Interval Tested 4474 - 4522 Zone Tested LKC J  
 Anchor Length 48' Drill Pipe Run 4296 Mud Wt. 9.0  
 Top Packer Depth 4469 Drill Collars Run 179 Vis 45  
 Bottom Packer Depth 4474 Wt. Pipe Run 0 WL 8.4  
 Total Depth 4522 Chlorides 1400 ppm System LCM 2#

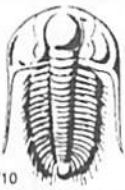
Blow Description IF: 6" blow.  
ISI: No return.  
FF: 3" blow  
FST: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>450</u>	<u>MCW</u>			<u>90</u>	<u>10</u>

Rec Total 450 BHT 124 Gravity — API RW .250 @ 60° F Chlorides 33,000 ppm  
 (A) Initial Hydrostatic 2182  Test 1250 T-On Location 1530  
 (B) First Initial Flow 19  Jars 250 T-Started 1551  
 (C) First Final Flow 146  Safety Joint 75 T-Open 1830  
 (D) Initial Shut-In 1293  Circ Sub N/C T-Pulled 2130  
 (E) Second Initial Flow 149  Hourly Standby \_\_\_\_\_ T-Out 2353  
 (F) Second Final Flow 222  Mileage 136 RT 210.80 Comments \_\_\_\_\_  
 (G) Final Shut-In 1279  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2025  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Initial Open 45  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Ruined Packer \_\_\_\_\_  
 Final Flow 45  Extra Copies \_\_\_\_\_  
 Final Shut-In 45  Sub Total 0  
 Sub Total 1785.80 Total 1785.80  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature] #69

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58578

4/10

Well Name & No. Frank #1-4 Test No. 2 Date 10/27/2014  
 Company American Warrior, Inc Elevation 2826 KB 2813 GL  
 Address Box 399 Garden City, Ks 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #9  
 Location: Sec. 4 Twp. 27S Rge. 31W Co. Haskell State Ks

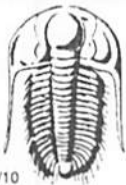
Interval Tested 4616 4677 Zone Tested Marmaton A  
 Anchor Length 51 Drill Pipe Run 4415 Mud Wt. 9.2  
 Top Packer Depth 4611 Drill Collars Run 179 Vis 55  
 Bottom Packer Depth 4616 Wt. Pipe Run Ø WL 9.2  
 Total Depth 4677 Chlorides 2800 ppm System LCM 2#  
 Blow Description IF: Surface blow, died @ 10 min.  
ISI: No return  
FF: No blow, Flushed Tool blow died.  
FSI: Pulled test

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>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 Total 30 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2236</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1730</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1741</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1926</u>
(D) Initial Shut-In <u>64</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>2010</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2326</u>
(F) Second Final Flow	<input checked="" type="checkbox"/> Mileage <u>136 RT 210.80</u>	Comments
(G) Final Shut-In	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2169</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Flow <u>Flush 10</u>	<input type="checkbox"/> Accessibility	Total <u>1785.80</u>
Final Shut-In <u>Pulled</u>	Sub Total <u>1785.80</u>	MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative [Signature]  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58579

4/10

Well Name & No. Frank #1-4 Test No. 3 Date 10/28/2014  
 Company American Warrior, Inc Elevation 2826 KB 2813 GL  
 Address Box 399 Garden City, ks 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #9  
 Location: Sec. 4 Twp. 27s Rge. 31w Co. Haskell State Ks

Interval Tested 4720 - 4752 Zone Tested Pawnee  
 Anchor Length 32' Drill Pipe Run 4521 Mud Wt. 9.2  
 Top Packer Depth 4715 Drill Collars Run 179 Vis 52  
 Bottom Packer Depth 4720 Wt. Pipe Run Ø WL 8.4  
 Total Depth 4752 Chlorides 4800 ppm System LCM 3#

Blow Description IF: Surface blow  
ISI: No return.  
FF: No blow  
FSI: Pulled the test

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>non</u>				

Rec Total 20 BHT 112 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2315</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1230</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1236</u>
(C) First Final Flow <u>33</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1436</u>
(D) Initial Shut-In <u>1388</u>	<input checked="" type="checkbox"/> Circ Sub <u>—</u>	T-Pulled <u>1550</u>
(E) Second Initial Flow <u>37</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>1756</u>
(F) Second Final Flow <u>43 Pulled</u>	<input checked="" type="checkbox"/> Mileage <u>136RT</u> <u>210.80</u>	Comments <u>—</u>
(G) Final Shut-In <u>Test</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>—</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
	<input type="checkbox"/> Shale Packer <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby <u>—</u>	Total <u>1785.80</u>
Final Shut-In <u>Pulled</u>	<input type="checkbox"/> Accessibility <u>—</u>	MP/DST Disc't <u>—</u>
	Sub Total <u>1785.80</u>	

Approved By \_\_\_\_\_ Our Representative Bud [Signature]

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