



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik - Finney #1-23

23-24s-31w Finney,KS

Start Date: 2014.05.12 @ 10:53:00

End Date: 2014.05.12 @ 16:29:09

Job Ticket #: 57685 DST #: 1

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

Printed: 2014.05.15 @ 14:22:36



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

23-24s-31w Finney, KS

Irsik - Finney #1-23

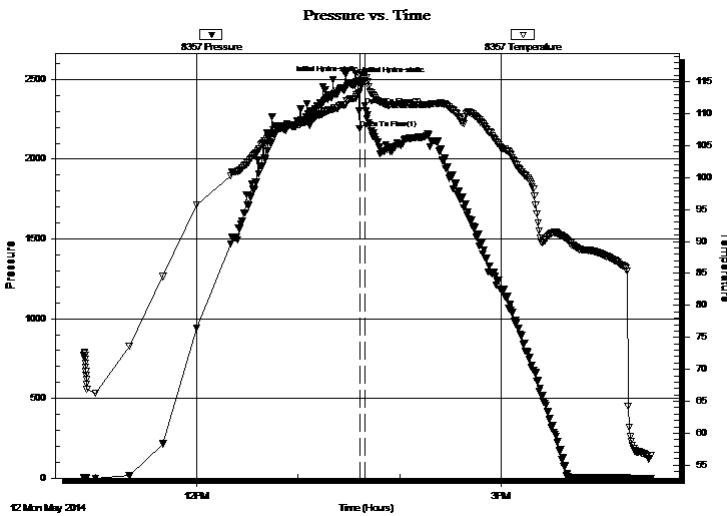
Job Ticket: 57685 **DST#: 1**
 Test Start: 2014.05.12 @ 10:53:00

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:36:20
 Time Test Ended: 16:29:09
 Interval: **4847.00 ft (KB) To 4886.00 ft (KB) (TVD)**
 Total Depth: 4886.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2883.00 ft (KB)
 2872.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8357 Inside
 Press@RunDepth: psig @ 4849.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.12 End Date: 2014.05.12 Last Calib.: 2014.05.12
 Start Time: 10:53:02 End Time: 16:29:10 Time On Btm: 2014.05.12 @ 13:34:20
 Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2486.14	112.65	Initial Hydro-static
2	2192.01	114.85	Open To Flow (1)
6	2496.02	116.42	Initial Hydro-static
6	2337.50	116.33	Open To Flow (2)

Recovery

Length (ft)	Description	Volume (bbl)
250.00	M 100m	3.51

Gas Rates

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



DRILL STEM TEST REPORT

American Warrior, Inc.

23-24s-31w Finney, KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57685 **DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.05.12 @ 10:53:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:36:20

Time Test Ended: 16:29:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4847.00 ft (KB) To 4886.00 ft (KB) (TVD)

Reference Elevations: 2883.00 ft (KB)

Total Depth: 4886.00 ft (KB) (TVD)

2872.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8645 Outside

Press@RunDepth: psig @ 4849.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.05.12 End Date: 2014.05.12

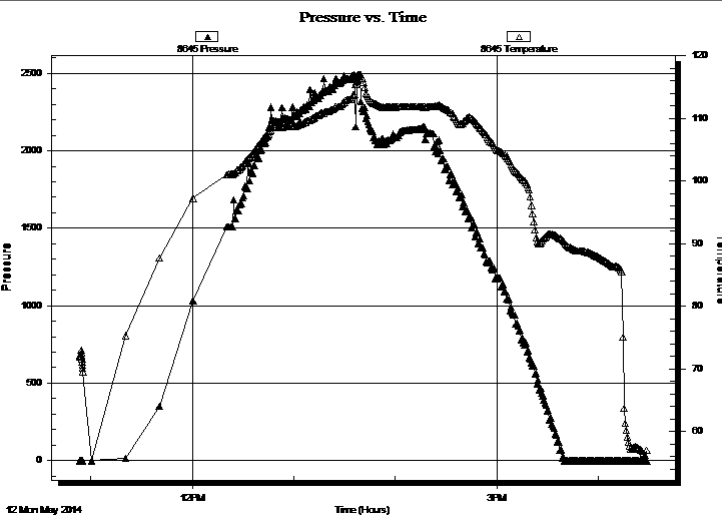
Last Calib.: 2014.05.12

Start Time: 10:53:27 End Time: 16:28:25

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled tool.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
250.00	M 100m	3.51

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

23-24s-31w Finney, KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57685

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.05.12 @ 10:53:00

Tool Information

Drill Pipe:	Length: 4836.00 ft	Diameter: 3.80 inches	Volume: 67.84 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 67.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.50 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4847.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	66.50 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			4820.50	
Shut In Tool	5.00			4825.50	
Hydraulic tool	5.00			4830.50	
Jars	5.00			4835.50	
Safety Joint	2.50			4838.00	
Packer	5.00			4843.00	27.50 Bottom Of Top Packer
Packer	4.00			4847.00	
Stubb	1.00			4848.00	
Perforations	1.00			4849.00	
Recorder	0.00	8357	Inside	4849.00	
Recorder	0.00	8645	Outside	4849.00	
Perforations	2.00			4851.00	
Change Over Sub	1.00			4852.00	
Drill Pipe	30.00			4882.00	
Change Over Sub	1.00			4883.00	
Bullnose	3.00			4886.00	39.00 Bottom Packers & Anchor
Total Tool Length:	66.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

23-24s-31w Finney,KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57685

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.05.12 @ 10:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	M 100m	3.507

Total Length: 250.00 ft Total Volume: 3.507 bbl

Num Fluid Samples: 0

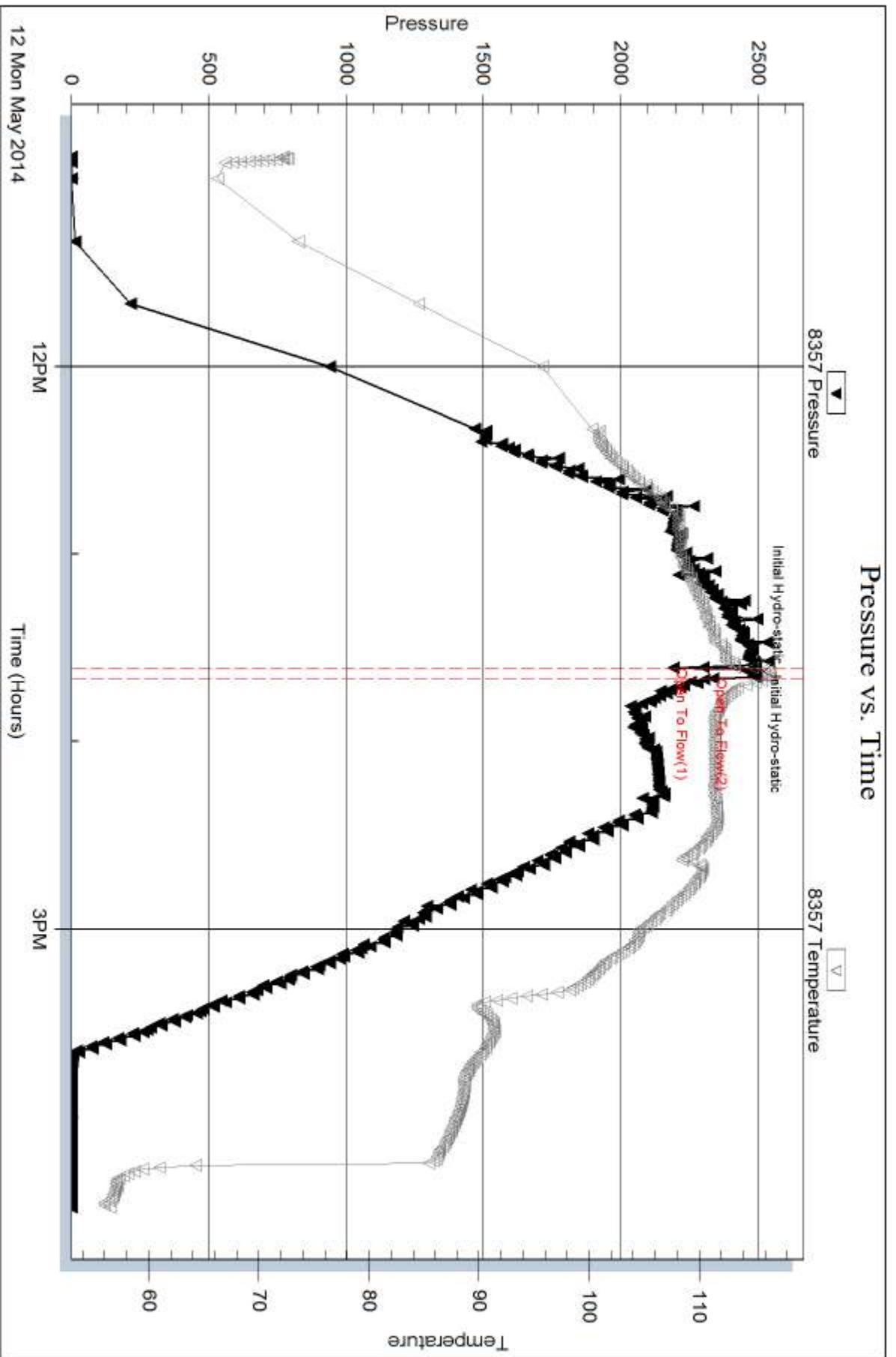
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

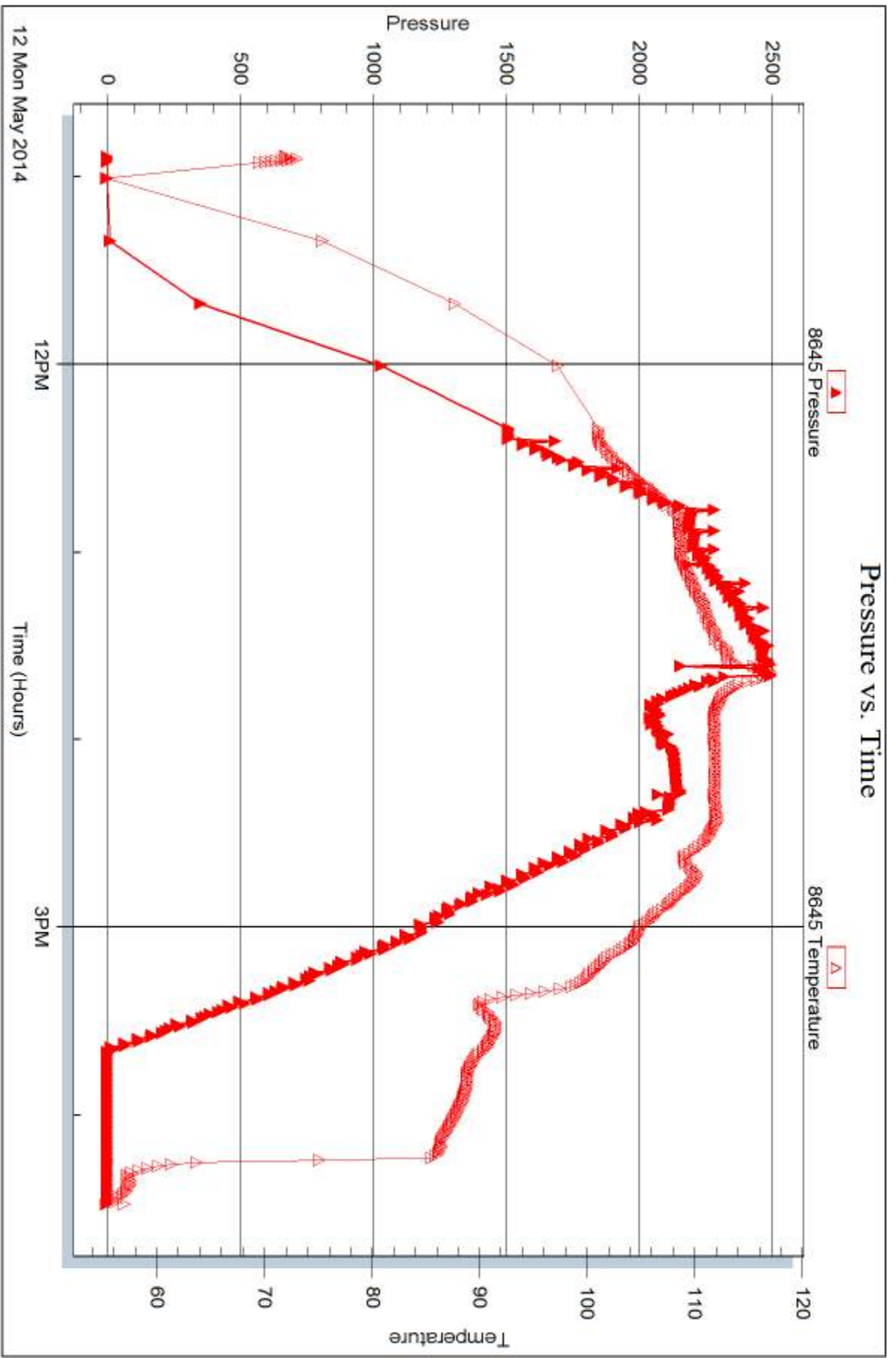


Serial #: 8645

Outside American Warrior, Inc.

Isik - Finney #1-23

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 57685

Printed: 2014.05.15 @ 14:22:37



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik - Finney #1-23

23-24s-31w Finney,KS

Start Date: 2014.05.13 @ 17:27:00

End Date: 2014.05.13 @ 23:09:00

Job Ticket #: 57686 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.15 @ 14:22:11

American Warrior, Inc.

23-24s-31w Finney,KS

Irsik - Finney #1-23

DST # 2

Morrow

2014.05.13



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

23-24s-31w Finney, KS

Irsik - Finney #1-23

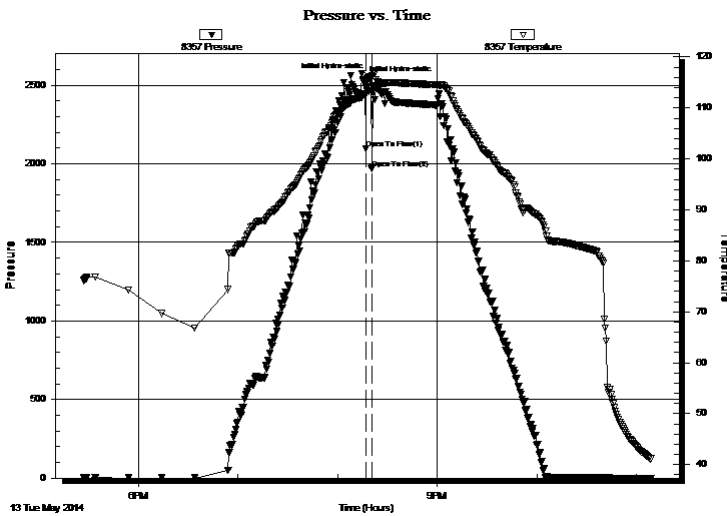
Job Ticket: 57686 **DST#: 2**
 Test Start: 2014.05.13 @ 17:27:00

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:17:00
 Time Test Ended: 23:09:00
 Interval: **4853.00 ft (KB) To 4895.00 ft (KB) (TVD)**
 Total Depth: 5002.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2883.00 ft (KB)
 2872.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8357 Inside
 Press@RunDepth: psig @ 4857.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.13 End Date: 2014.05.13 Last Calib.: 2014.05.13
 Start Time: 17:27:02 End Time: 23:09:00 Time On Btm: 2014.05.13 @ 20:15:30
 Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2529.75	112.53	Initial Hydro-static
2	2098.52	112.75	Open To Flow (1)
4	2547.21	116.06	Initial Hydro-static
5	1970.46	116.06	Open To Flow (2)

Recovery

Length (ft)	Description	Volume (bbl)
250.00	M 100m	3.51

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

23-24s-31w Finney, KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57686

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.05.13 @ 17:27:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:17:00

Time Test Ended: 23:09:00

Test Type: Conventional Straddle (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4853.00 ft (KB) To 4895.00 ft (KB) (TVD)

Total Depth: 5002.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2883.00 ft (KB)

2872.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Below (Straddle)

Press@RunDepth: psig @ 4902.00 ft (KB)

Start Date: 2014.05.13

End Date:

2014.05.13

Start Time: 17:27:02

End Time:

23:08:49

Capacity: 8000.00 psig

Last Calib.:

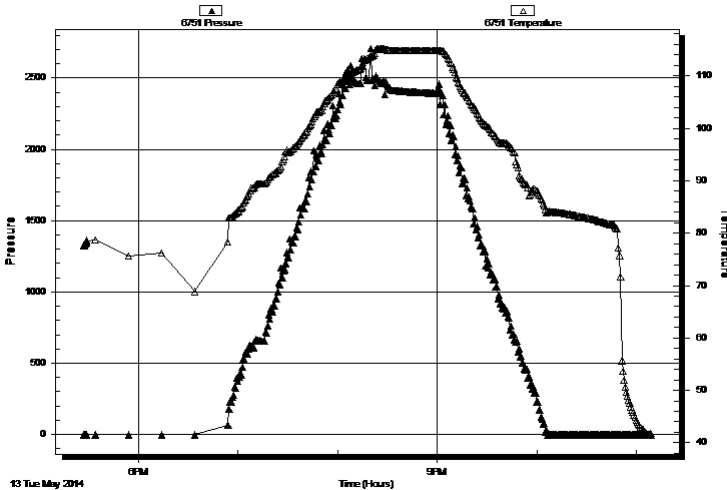
2014.05.13

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled tool.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
250.00	M 100m	3.51

Gas Rates

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

* Recovery from multiple tests



DRILL STEM TEST REPORT

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

23-24s-31w Finney, KS
Irsik - Finney #1-23
 Job Ticket: 57686 **DST#: 2**
 Test Start: 2014.05.13 @ 17:27:00

GENERAL INFORMATION:

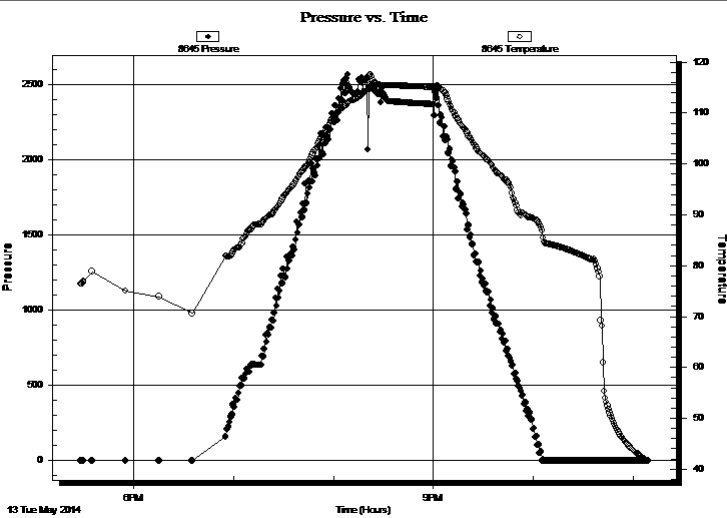
Formation: **Morrow**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
 Time Tool Opened: 20:17:00 Tester: Chuck Smith
 Time Test Ended: 23:09:00 Unit No: 62
Interval: 4853.00 ft (KB) To 4895.00 ft (KB) (TVD) Reference Elevations: 2883.00 ft (KB)
 Total Depth: 5002.00 ft (KB) (TVD) 2872.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8645

Outside

Press@RunDepth: psig @ 4857.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.13 End Date: 2014.05.13 Last Calib.: 2014.05.13
 Start Time: 17:28:12 End Time: 23:08:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled tool.



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

Recovery		
Length (ft)	Description	Volume (bbl)
250.00	M 100m	3.51

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

23-24s-31w Finney, KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57686

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.05.13 @ 17:27:00

Tool Information

Drill Pipe:	Length: 4835.00 ft	Diameter: 3.80 inches	Volume: 67.82 bbl	Tool Weight: 5000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 35000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 67.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.50 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4853.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	4895.00 ft			
Interval between Packers:	42.00 ft			
Tool Length:	176.50 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			4826.50	
Shut In Tool	5.00			4831.50	
Hydraulic tool	5.00			4836.50	
Jars	5.00			4841.50	
Safety Joint	2.50			4844.00	
Packer	5.00			4849.00	27.50 Bottom Of Top Packer
Packer	4.00			4853.00	
Stubb	1.00			4854.00	
Perforations	2.00			4856.00	
Change Over Sub	1.00			4857.00	
Recorder	0.00	8357	Inside	4857.00	
Recorder	0.00	8645	Outside	4857.00	
Drill Pipe	31.00			4888.00	
Change Over Sub	1.00			4889.00	
Perforations	2.00			4891.00	
Blank Off Sub	1.00			4892.00	
topof s pack	3.00			4895.00	42.00 Tool Interval
Packer	0.00			4895.00	
Stubb	1.00			4896.00	
Perforations	6.00			4902.00	
Recorder	0.00	6751	Below	4902.00	
Change Over Sub	1.00			4903.00	
Drill Pipe	95.00			4998.00	
Change Over Sub	1.00			4999.00	
Bullnose	3.00			5002.00	107.00 Bottom Packers & Anchor

Total Tool Length: 176.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

23-24s-31w Finney, KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57686

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.05.13 @ 17:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	M 100m	3.507

Total Length: 250.00 ft Total Volume: 3.507 bbl

Num Fluid Samples: 0

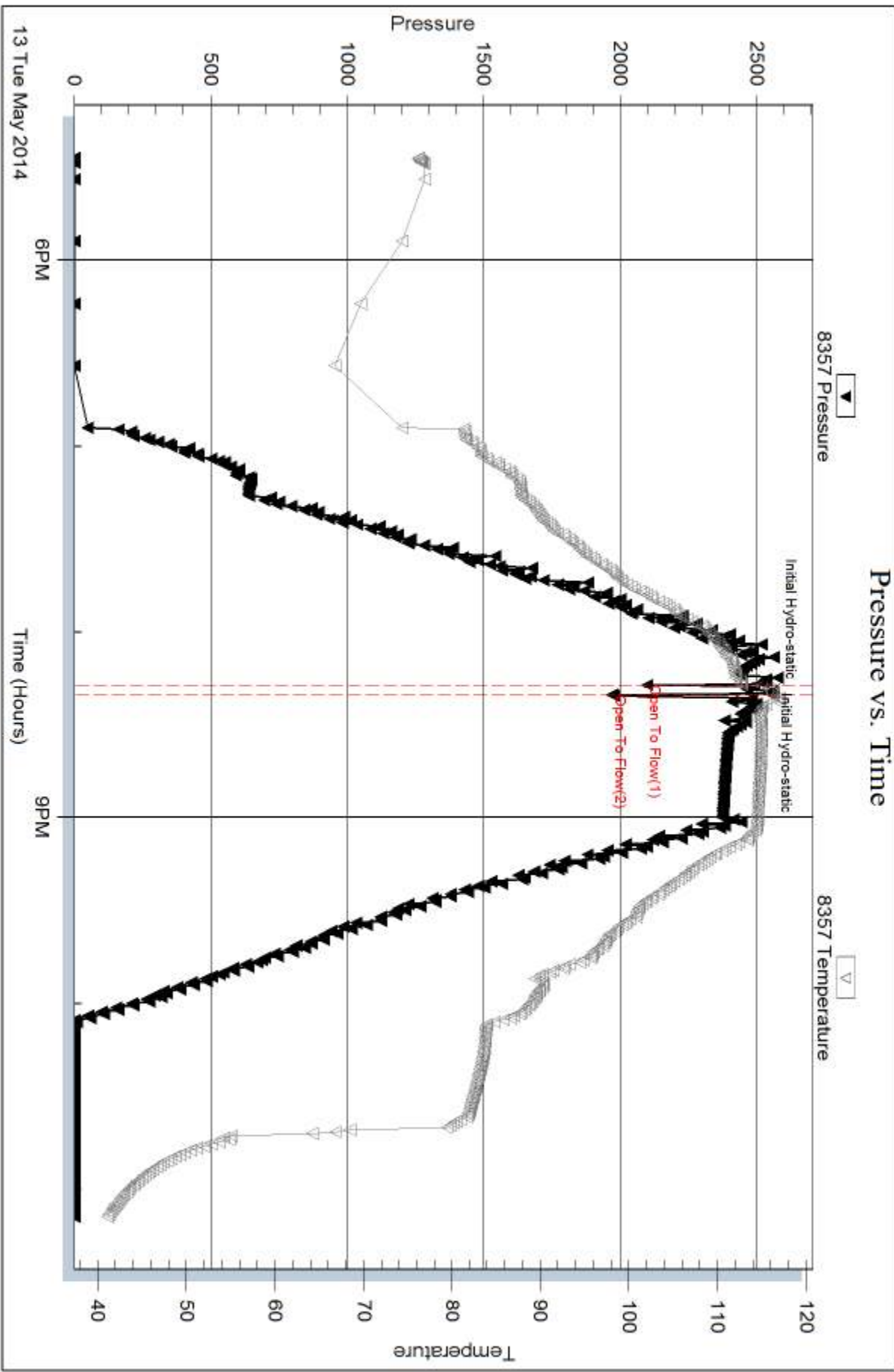
Num Gas Bombs: 0

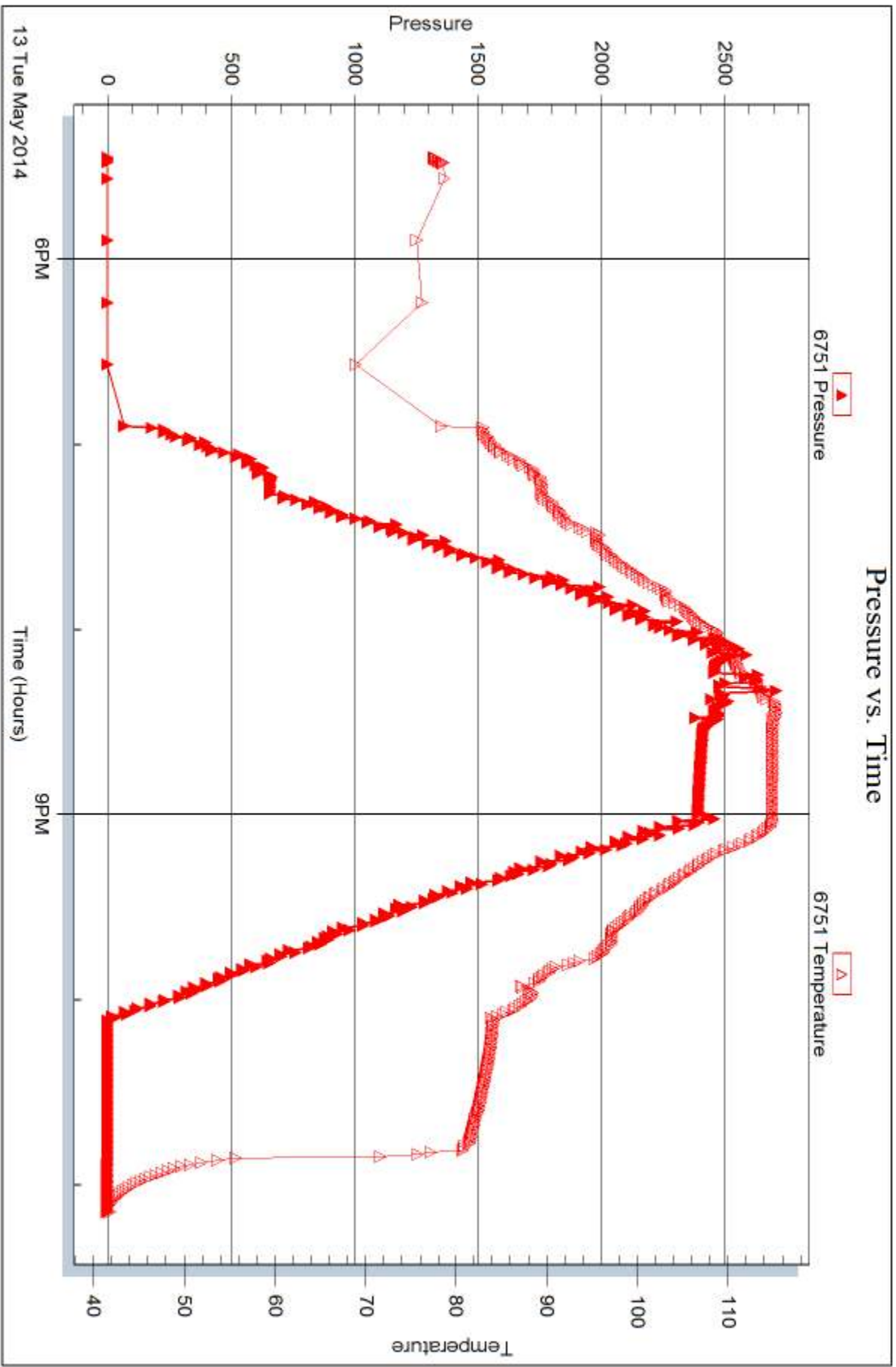
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



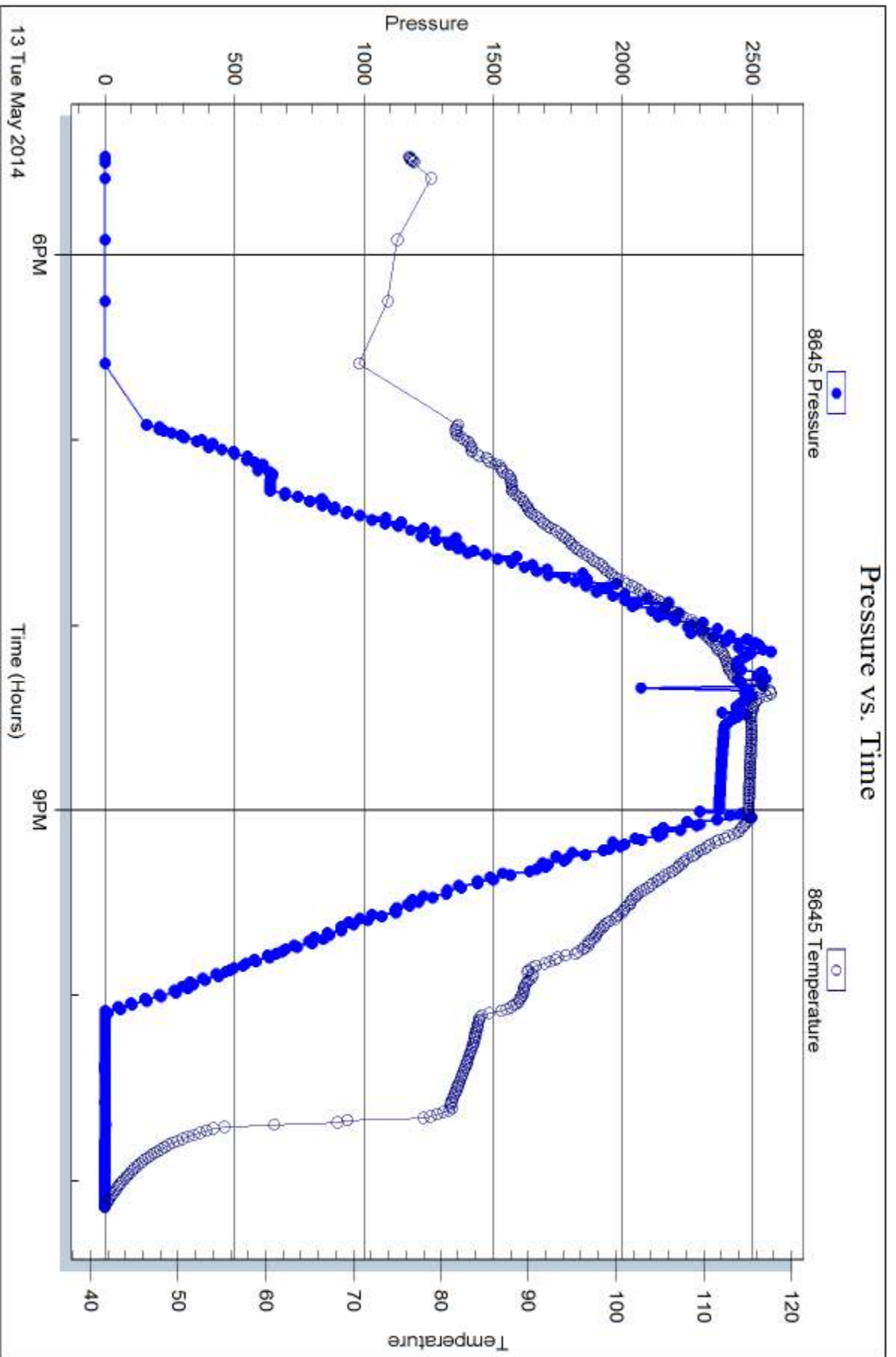


Serial #: 8645

Outside American Warrior, Inc.

Isik - Finney #1-23

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik - Finney #1-23

23-24s-31w Finney,KS

Start Date: 2014.05.14 @ 00:03:00

End Date: 2014.05.14 @ 05:54:00

Job Ticket #: 57688 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.05.15 @ 14:21:28

American Warrior, Inc.

23-24s-31w Finney,KS

Irsik - Finney #1-23

DST # 3

Morrow

2014.05.14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

23-24s-31w Finney, KS

Irsik - Finney #1-23

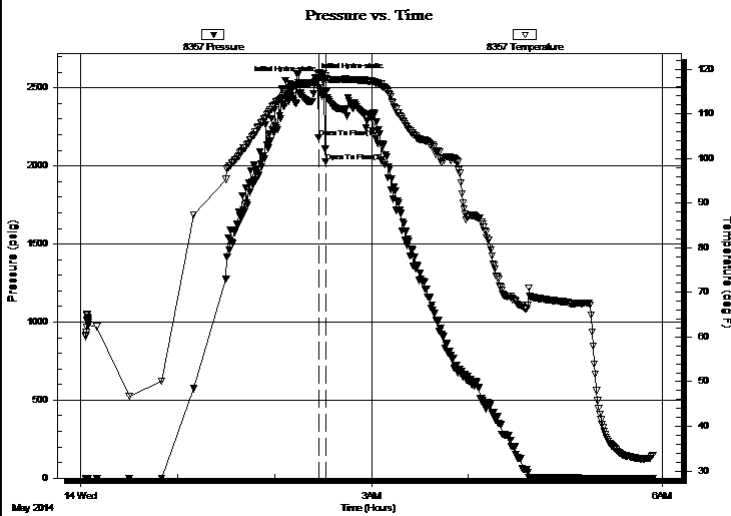
Job Ticket: 57688 **DST#: 3**
 Test Start: 2014.05.14 @ 00:03:00

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:27:10
 Time Test Ended: 05:54:00
 Interval: **4800.00 ft (KB) To 4915.00 ft (KB) (TVD)**
 Total Depth: 5002.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2883.00 ft (KB)
 2872.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8357 **Inside**
 Press@RunDepth: psig @ 4901.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.14 End Date: 2014.05.14 Last Calib.: 2014.05.14
 Start Time: 00:03:02 End Time: 05:54:00 Time On Btm: 2014.05.14 @ 02:25:10
 Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled the tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2567.78	117.09	Initial Hydro-static
2	2182.08	118.79	Open To Flow (1)
5	2547.47	119.05	Initial Hydro-static
7	2028.15	118.61	Open To Flow (2)

Recovery

Length (ft)	Description	Volume (bbl)
340.00	M 100m	4.77
0.00	Hole not circulated before test.	0.00

* Recovery from multiple tests

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: Kevin Timson

23-24s-31w Finney, KS

Irsik - Finney #1-23

Job Ticket: 57688 **DST#: 3**

Test Start: 2014.05.14 @ 00:03:00

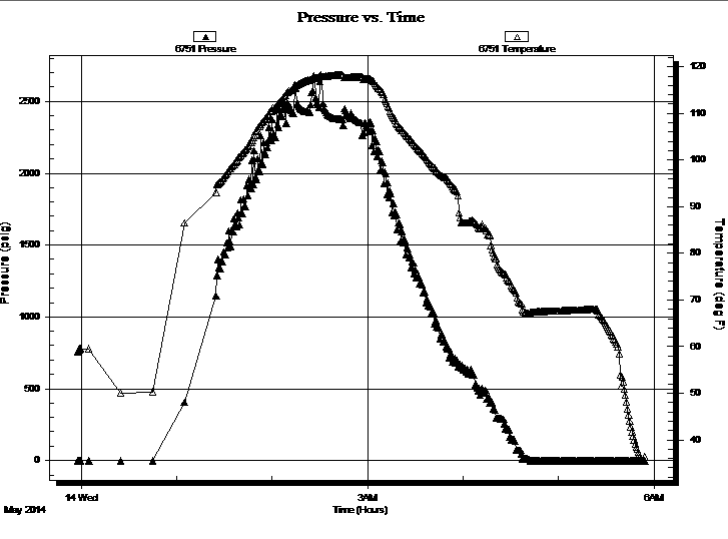
GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:27:10
 Time Test Ended: 05:54:00
 Interval: **4800.00 ft (KB) To 4915.00 ft (KB) (TVD)**
 Total Depth: 5002.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2883.00 ft (KB)
 2872.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6751 Below (Straddle)

Press@RunDepth: psig @ 4935.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.13 End Date: 2014.05.14 Last Calib.: 2014.05.14
 Start Time: 23:57:47 End Time: 05:54:25 Time On Btm:
 Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled the tool.



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

Recovery		
Length (ft)	Description	Volume (bbl)
340.00	M 100m	4.77
0.00	Hole not circulated before test.	0.00

* Recovery from multiple tests

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: Kevin Timson

23-24s-31w Finney, KS

Irsik - Finney #1-23

Job Ticket: 57688 **DST#: 3**

Test Start: 2014.05.14 @ 00:03:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:27:10

Time Test Ended: 05:54:00

Test Type: Conventional Straddle (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **4800.00 ft (KB) To 4915.00 ft (KB) (TVD)**

Total Depth: 5002.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2883.00 ft (KB)

2872.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8645 Outside

Press@RunDepth: psig @ 4901.00 ft (KB)

Start Date: 2014.05.13 End Date: 2014.05.14

Start Time: 23:58:32 End Time: 05:53:49

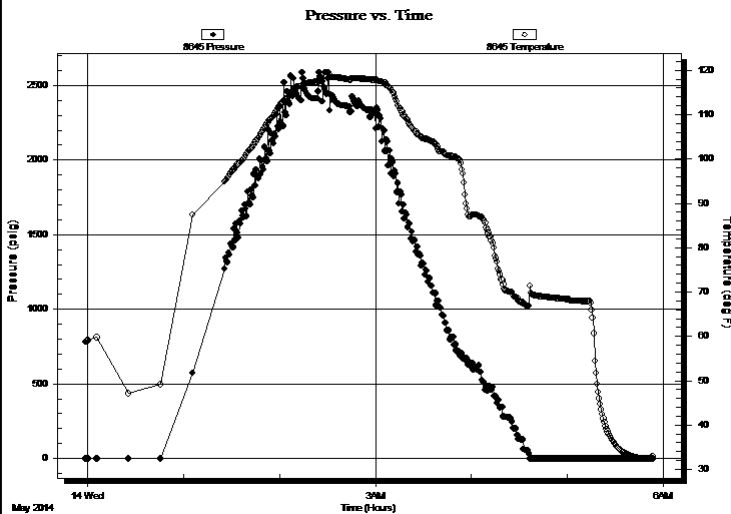
Capacity: 8000.00 psig

Last Calib.: 2014.05.14

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer seat failed twice, pulled the tool.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
340.00	M 100m	4.77
0.00	Hole not circulated before test.	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

23-24s-31w Finney,KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57688

DST#: 3

ATTN: Kevin Timson

Test Start: 2014.05.14 @ 00:03:00

Tool Information

Drill Pipe:	Length: 4803.00 ft	Diameter: 3.80 inches	Volume: 67.37 bbl	Tool Weight: 5000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 35000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 67.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.50 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4800.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	4915.00 ft			
Interval between Packers:	115.00 ft			
Tool Length:	229.50 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			4773.50	
Shut In Tool	5.00			4778.50	
Hydraulic tool	5.00			4783.50	
Jars	5.00			4788.50	
Safety Joint	2.50			4791.00	
Packer	5.00			4796.00	27.50 Bottom Of Top Packer
Packer	4.00			4800.00	
Stubb	1.00			4801.00	
Perforations	3.00			4804.00	
Change Over Sub	1.00			4805.00	
Drill Pipe	95.00			4900.00	
Change Over Sub	1.00			4901.00	
Recorder	0.00	8357	Inside	4901.00	
Recorder	0.00	8645	Outside	4901.00	
Perforations	10.00			4911.00	
Blank Off Sub	1.00			4912.00	
topof s pack	3.00			4915.00	115.00 Tool Interval
Packer	0.00			4915.00	
Stubb	1.00			4916.00	
Perforations	18.00			4934.00	
Change Over Sub	1.00			4935.00	
Recorder	0.00	6751	Below	4935.00	
Drill Pipe	63.00			4998.00	
Change Over Sub	1.00			4999.00	
Bullnose	3.00			5002.00	87.00 Bottom Packers & Anchor

Total Tool Length: 229.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

23-24s-31w Finney,KS

PO Box 399
Garden City, KS 67846

Irsik - Finney #1-23

Job Ticket: 57688

DST#: 3

ATTN: Kevin Timson

Test Start: 2014.05.14 @ 00:03:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
340.00	M 100m	4.769
0.00	Hole not circulated before test.	0.000

Total Length: 340.00 ft Total Volume: 4.769 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

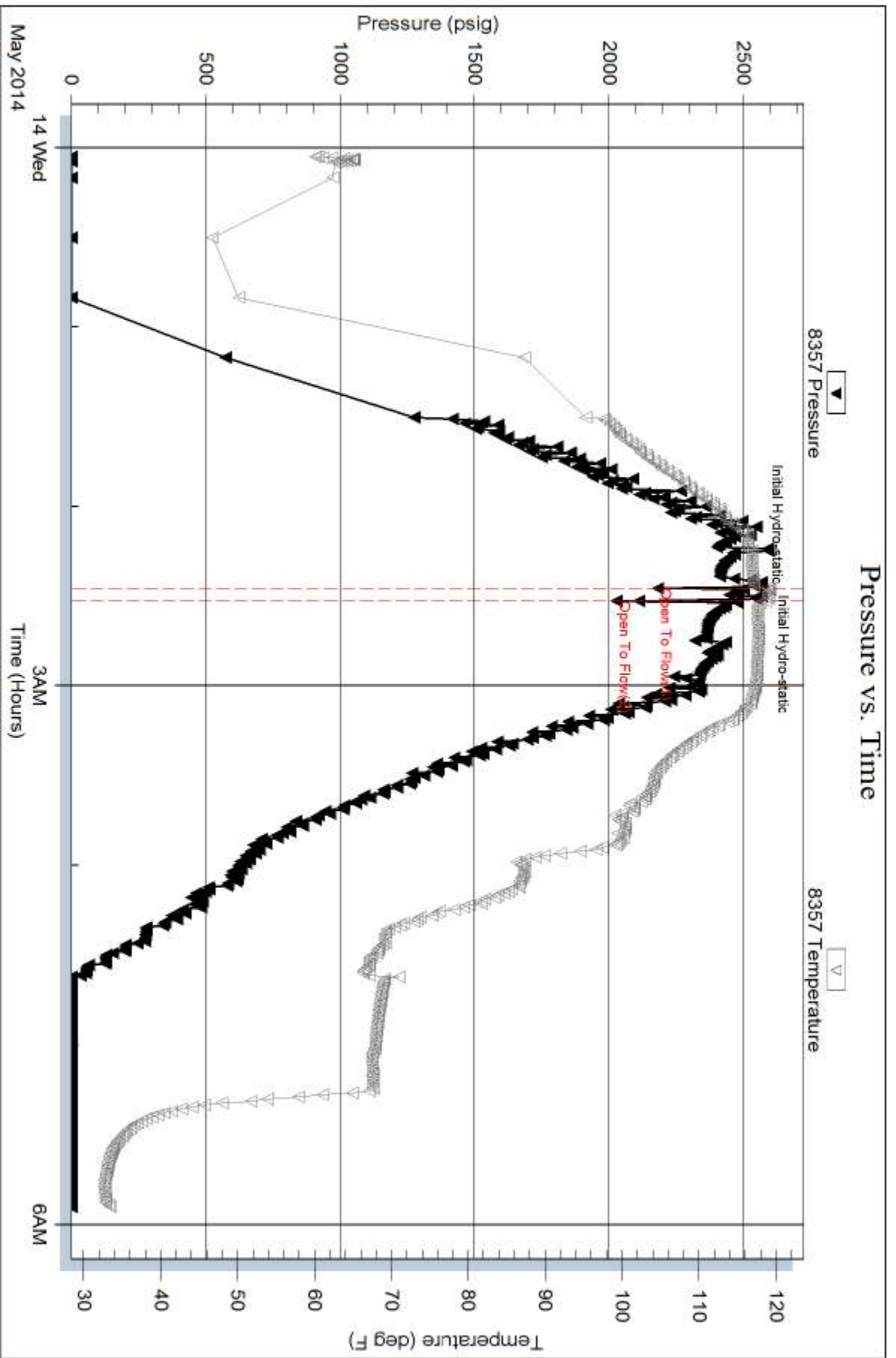
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Inside

American Warrior, Inc.

Isik - Finney #1-23

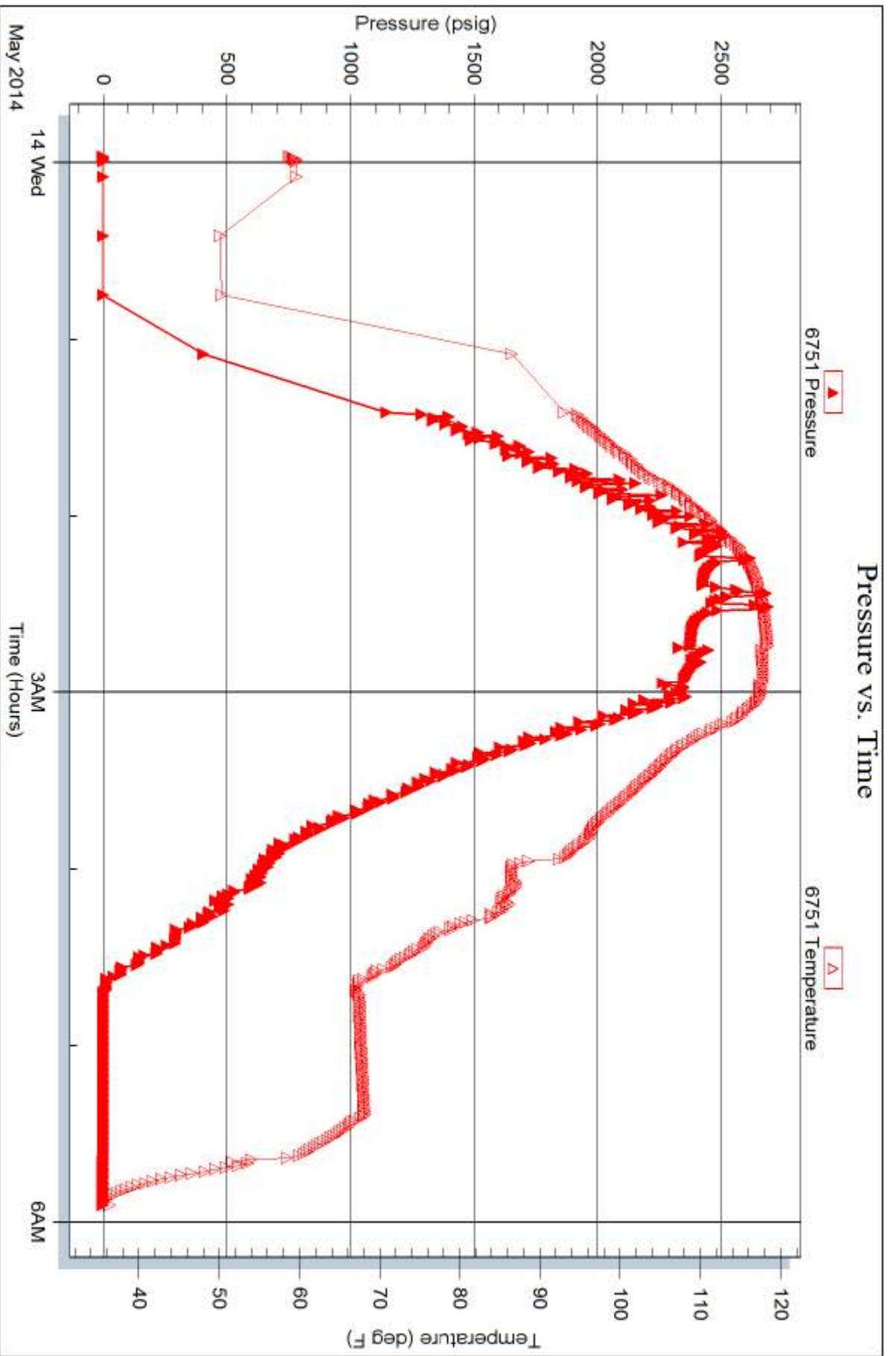
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 57688

Printed: 2014.05.15 @ 14:21:30

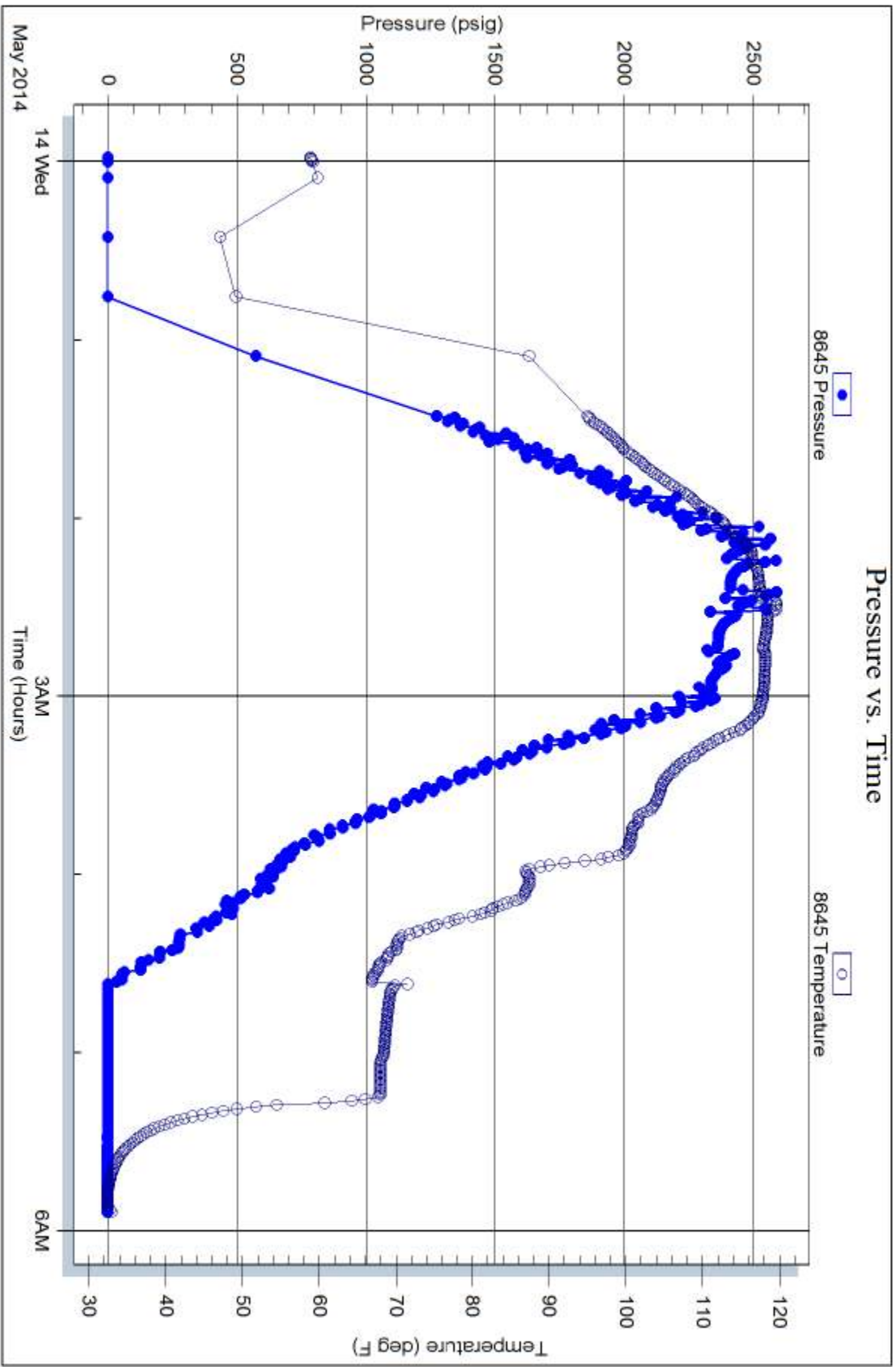


Serial #: 8645

Outside American Warrior, Inc.

Isik - Finney #1-23

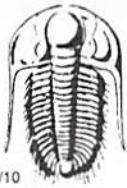
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 57688

Printed: 2014.05.15 @ 14:21:30



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57685

4/10

Well Name & No. Irsik - Finney #1-23 Test No. 1 Date 5-12-14
 Company American Warrior, Inc. Elevation 4872983 KB 48862872 GL
 Address P.O.B. 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 23 Twp. 24 Rge. 31 Co. Finney State KS

Interval Tested 4847 - 4886 Zone Tested Morrow
 Anchor Length 39 Drill Pipe Run 4836 Mud Wt. 9.5
 Top Packer Depth 4843 Drill Collars Run 0 Vis 48
 Bottom Packer Depth 4847 Wt. Pipe Run 0 WL 9.2
 Total Depth 4886 Chlorides 3700 ppm System LCM 2*
 Blow Description Packers failed to seat twice, pulled tool.

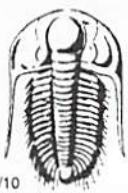
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>250</u>	Feet of <u>M</u>			%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 250 BHT N/A Gravity - API RW @ - °F Chlorides - ppm

(A) Initial Hydrostatic Test 1050 T-On Location 10:30
 (B) First Initial Flow Jars 250 T-Started 10:53
 (C) First Final Flow Safety Joint 75 T-Open 13:36
 (D) Initial Shut-In Circ Sub N/A T-Pulled 13:40
 (E) Second Initial Flow Hourly Standby - T-Out 16:29
 (F) Second Final Flow Mileage 98RT 151.90 Comments Packer failure
 (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 N/A Day Standby - Total 1326.90
 Final Flow N/A Accessibility - MP/DST Disc't -
 Final Shut-In N/A Sub Total 1326.90

Approved By _____ Our Representative Chuck Smith

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. 57686

4/10

Well Name & No. Irsik-Finney #1-23 Test No. 2 Date 5-13-14
 Company American Warrior, Inc. Elevation 4842003 KB 78862872 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 23 Twp. 24s Rge. 31w Co. Finney State KS

Interval Tested 4853-4895 Zone Tested Morrow
 Anchor Length 42 Drill Pipe Run 4835 Mud Wt. 9.65
 Top Packer Depth 4849 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4895 Wt. Pipe Run 0 WL 10.0
 Total Depth 5002 Chlorides 4800 ppm System LCM 2#
 Blow Description Packer seat failed twice, pulled tool.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>250</u>	Feet of <u>M</u>			<u>100</u>	
Rec _____	Feet of _____				
Rec _____	Feet of _____				
Rec _____	Feet of _____				

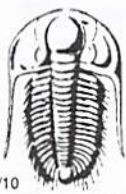
Rec Total 250 BHT N/A Gravity — API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2530 Test 1050 T-On Location 16:45
 (B) First Initial Flow 2099 Jars 250 T-Started 17:27
 (C) First Final Flow _____ Safety Joint 75 T-Open 20:17
 (D) Initial Shut-In _____ Circ Sub N/A T-Pulled 20:21
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 23:09
 (F) Second Final Flow _____ Mileage 48RT 151.90 Comments Packer failure
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle 250 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 8.33
 Day Standby 1d .25h Total 1785.23
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1776.90

Approved By _____

Our Representative Chuck Smith

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57688

Well Name & No. Irsik-Finney #1-23 Test No. 3 Date 5-14-14
 Company American Warrior, Inc. Elevation 2883 KB 2872 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 23 Twp. 24s Rge. 31w Co. Finney State KS

Interval Tested 4800 - 4915 Zone Tested _____
 Anchor Length 115 Drill Pipe Run 4803 Mud Wt. 9.65
 Top Packer Depth 4796 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 4915 Wt. Pipe Run 0 WL 10.0
 Total Depth 5002 Chlorides 4800 ppm System LCM 2"
 Blow Description Packer seat failed twice, pulled the tool.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>340</u>	Feet of <u>M</u>			%water <u>100</u>	%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 N/A Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2568 Test 1050 T-On Location Stayed
 (B) First Initial Flow 2182 Jars 250 T-Started 00:03
 (C) First Final Flow N/A Safety Joint 75 T-Open 02:27
 (D) Initial Shut-In _____ Circ Sub N/A T-Pulled 02:32
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 05:54
 (F) Second Final Flow _____ Mileage _____ Comments Packer failure
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer 320
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 2275
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1975

Approved By _____ Our Representative Chuck Smith

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