



DRILL STEM TEST REPORT

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

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Wyatt Urban

Handy #8-29

29 34s 31w Seward,KS

Start Date: 2014.06.20 @ 11:27:00

End Date: 2014.06.20 @ 18:30:30

Job Ticket #: 54918 DST #: 1

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

Printed: 2014.06.27 @ 14:55:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

29 34s 31w Seward, KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54918

DST#: 1

ATTN: Wyatt Urban

Test Start: 2014.06.20 @ 11:27:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:30

Time Test Ended: 18:30:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: 4399.00 ft (KB) To 4455.00 ft (KB) (TVD)

Reference Elevations: 2741.00 ft (KB)

Total Depth: 4455.00 ft (KB) (TVD)

2729.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522 Outside

Press@RunDepth: 844.89 psig @ 4400.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.20

End Date: 2014.06.20

Last Calib.: 2014.06.20

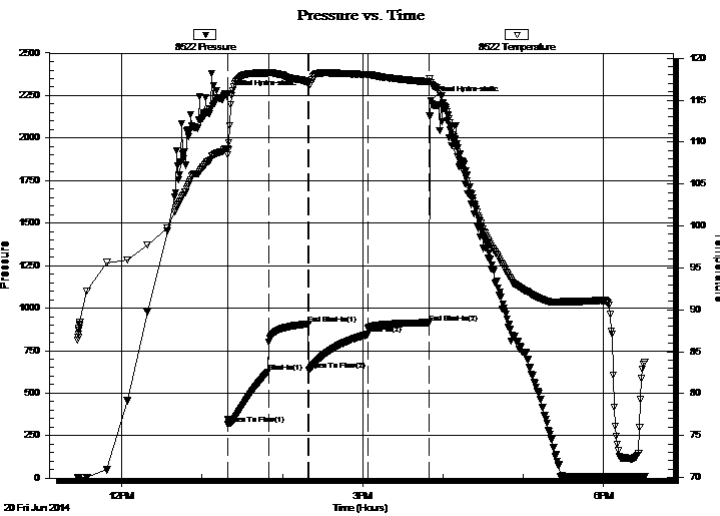
Start Time: 11:27:05

End Time: 18:30:29

Time On Btm: 2014.06.20 @ 13:19:00

Time Off Btm: 2014.06.20 @ 15:50:45

TEST COMMENT: IF: BOB @ 1 min.
IS: 1/2" return.
FF: BOB @ 3 min.
FS: 1/2" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2258.31	109.23	Initial Hydro-static
1	318.11	109.05	Open To Flow (1)
31	624.15	118.23	Shut-In(1)
61	906.52	117.14	End Shut-In(1)
61	636.00	117.04	Open To Flow (2)
105	844.89	118.01	Shut-In(2)
151	915.33	117.16	End Shut-In(2)
152	2222.26	117.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1610.00	mcw 5m 95w (oil spots in tool)	20.96

Gas Rates

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



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Handy #8-29

Job Ticket: 54918

DST#: 1

ATTN: Wyatt Urban

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Time Tool Opened: 13:19:30

Time Test Ended: 18:30:30

Interval: 4399.00 ft (KB) To 4455.00 ft (KB) (TVD)

Total Depth: 4455.00 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: 2741.00 ft (KB)

2729.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8365

Inside

Press@RunDepth: psig @ 4400.00 ft (KB)

Start Date: 2014.06.20

End Date:

2014.06.20

Start Time: 11:27:05

End Time:

18:28:58

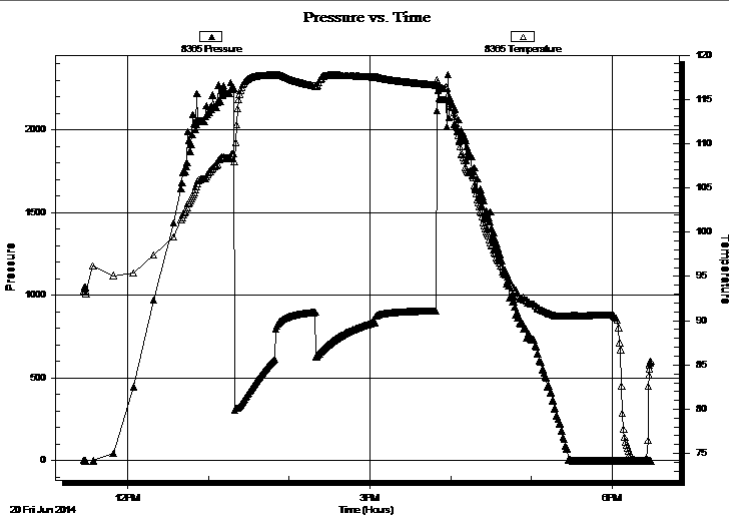
Capacity: 8000.00 psig

Last Calib.: 2014.06.20

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB @ 1 min.
IS: 1/2" return.
FF: BOB @ 3 min.
FS: 1/2" return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1610.00	mcw 5m 95w (oil spots in tool)	20.96

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54918

DST#: 1

ATTN: Wyatt Urban

Test Start: 2014.06.20 @ 11:27:00

Tool Information

Drill Pipe:	Length: 4206.00 ft	Diameter: 3.80 inches	Volume: 59.00 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4399.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	83.00 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			4373.00	
Shut In Tool	5.00			4378.00	
Hydraulic tool	5.00			4383.00	
Jars	5.00			4388.00	
Safety Joint	2.00			4390.00	
Packer	5.00			4395.00	27.00 Bottom Of Top Packer
Packer	4.00			4399.00	
Stubb	1.00			4400.00	
Recorder	0.00	8365	Inside	4400.00	
Recorder	0.00	8522	Outside	4400.00	
Perforations	19.00			4419.00	
Change Over Sub	1.00			4420.00	
Drill Pipe	31.00			4451.00	
Change Over Sub	1.00			4452.00	
Bullnose	3.00			4455.00	56.00 Bottom Packers & Anchor

Total Tool Length: 83.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54918

DST#: 1

ATTN: Wyatt Urban

Test Start: 2014.06.20 @ 11:27:00

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:

65000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1610.00	mcw 5m 95w (oil spots in tool)	20.963

Total Length: 1610.00 ft Total Volume: 20.963 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

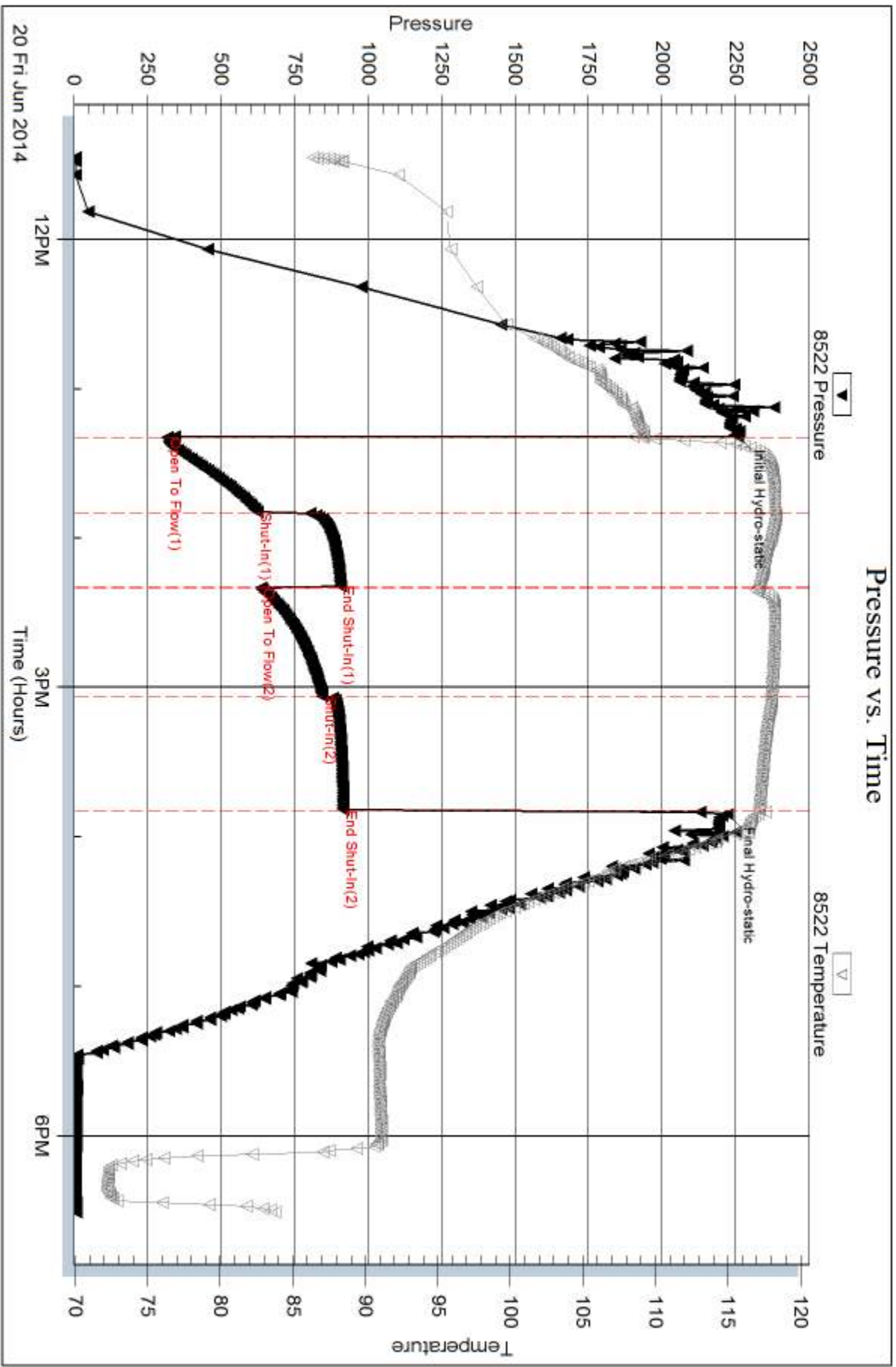
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .095 @ 85 = 65000ppm

no evidence of gas on recovery





DRILL STEM TEST REPORT

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

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Wyatt Urban

Handy #8-29

29 34s 31w Seward,KS

Start Date: 2014.06.23 @ 16:15:00

End Date: 2014.06.24 @ 00:07:15

Job Ticket #: 54919 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.27 @ 14:54:27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

29 34s 31w Seward, KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54919

DST#: 2

ATTN: Wyatt Urban

Test Start: 2014.06.23 @ 16:15:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:38:30

Time Test Ended: 00:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 5311.00 ft (KB) To 5349.00 ft (KB) (TVD)

Reference Elevations: 2741.00 ft (KB)

Total Depth: 5311.00 ft (KB) (TVD)

2729.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522 Outside

Press@RunDepth: 648.39 psig @ 5312.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.23

End Date:

2014.06.24

Last Calib.: 2014.06.24

Start Time: 16:15:05

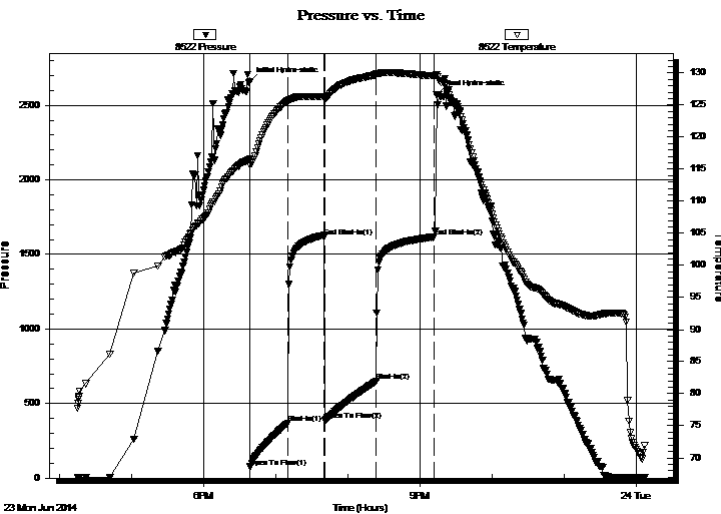
End Time:

00:07:14

Time On Btm: 2014.06.23 @ 18:38:15

Time Off Btm: 2014.06.23 @ 21:13:45

TEST COMMENT: IF: BOB @ 5 min.
IS: No return.
FF: BOB @ 6 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2657.27	116.57	Initial Hydro-static
1	75.35	115.72	Open To Flow (1)
32	368.76	125.62	Shut-In(1)
62	1620.84	126.34	End Shut-In(1)
63	385.31	125.92	Open To Flow (2)
106	648.39	129.71	Shut-In(2)
154	1616.70	129.55	End Shut-In(2)
156	2568.44	129.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1260.00	mcw 3m 97w (oil spots in tool)	16.05

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

American Warrior, Inc.
 3118 Cummings Rd.
 Garden City, KS 67846
 ATTN: Wyatt Urban

29 34s 31w Seward,KS
Handy #8-29
 Job Ticket: 54919 **DST#: 2**
 Test Start: 2014.06.23 @ 16:15:00

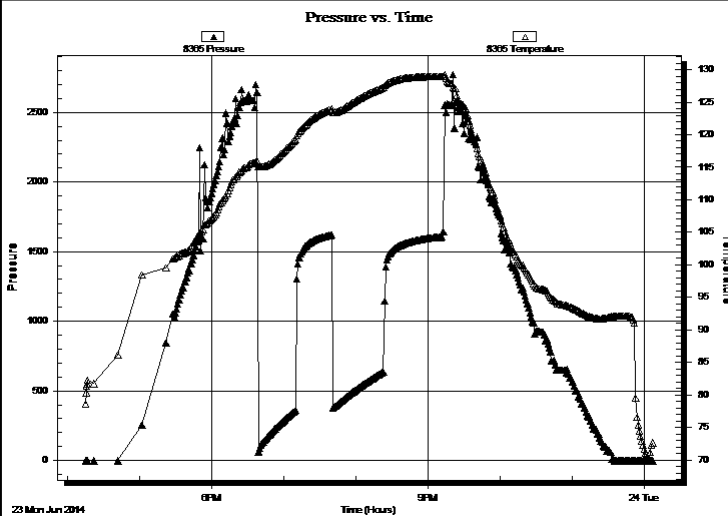
GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:38:30
 Time Test Ended: 00:07:15
Interval: 5311.00 ft (KB) To 5349.00 ft (KB) (TVD)
 Total Depth: 5311.00 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: 2741.00 ft (KB)
 2729.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8365 **Inside**
 Press@RunDepth: psig @ 5312.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.23 End Date: 2014.06.24 Last Calib.: 1899.12.30
 Start Time: 16:15:05 End Time: 00:07:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 5 min.
 IS: No return.
 FF: BOB @ 6 min.
 FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
1260.00	mcw 3m 97w (oil spots in tool)	16.05

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.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54919

DST#: 2

ATTN: Wyatt Urban

Test Start: 2014.06.23 @ 16:15:00

Tool Information

Drill Pipe:	Length: 5121.00 ft	Diameter: 3.80 inches	Volume: 71.83 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 72.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	5311.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			5285.00	
Shut In Tool	5.00			5290.00	
Hydraulic tool	5.00			5295.00	
Jars	5.00			5300.00	
Safety Joint	2.00			5302.00	
Packer	5.00			5307.00	27.00 Bottom Of Top Packer
Packer	4.00			5311.00	
Stubb	1.00			5312.00	
Recorder	0.00	8365	Inside	5312.00	
Recorder	0.00	8522	Outside	5312.00	
Perforations	2.00			5314.00	
Change Over Sub	1.00			5315.00	
Drill Pipe	30.00			5345.00	
Change Over Sub	1.00			5346.00	
Bullnose	3.00			5349.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54919

DST#: 2

ATTN: Wyatt Urban

Test Start: 2014.06.23 @ 16:15:00

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:

52000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1260.00	mcw 3m 97w (oil spots in tool)	16.053

Total Length: 1260.00 ft Total Volume: 16.053 bbl

Num Fluid Samples: 0

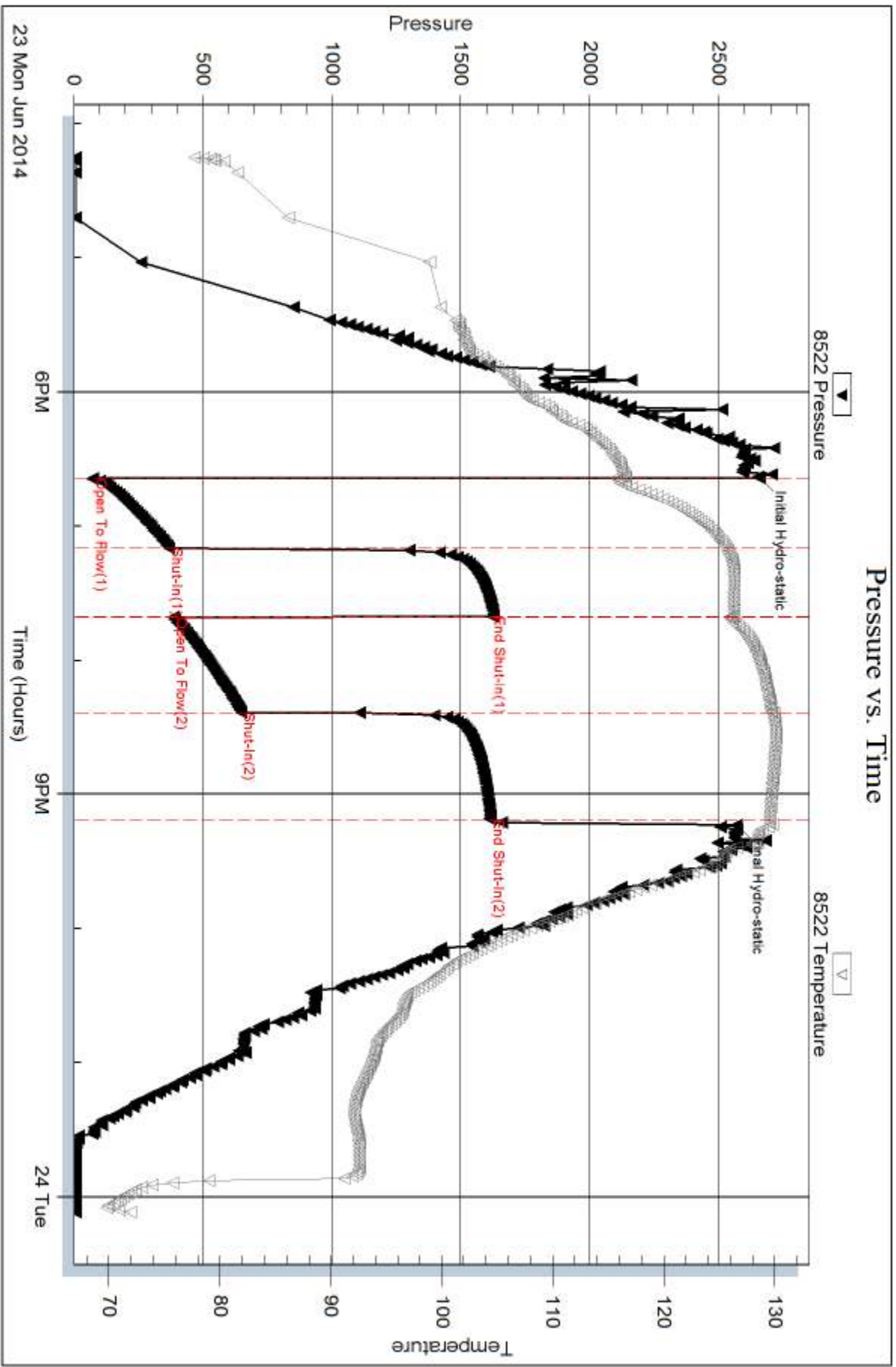
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .148 @ 68F = 52000ppm



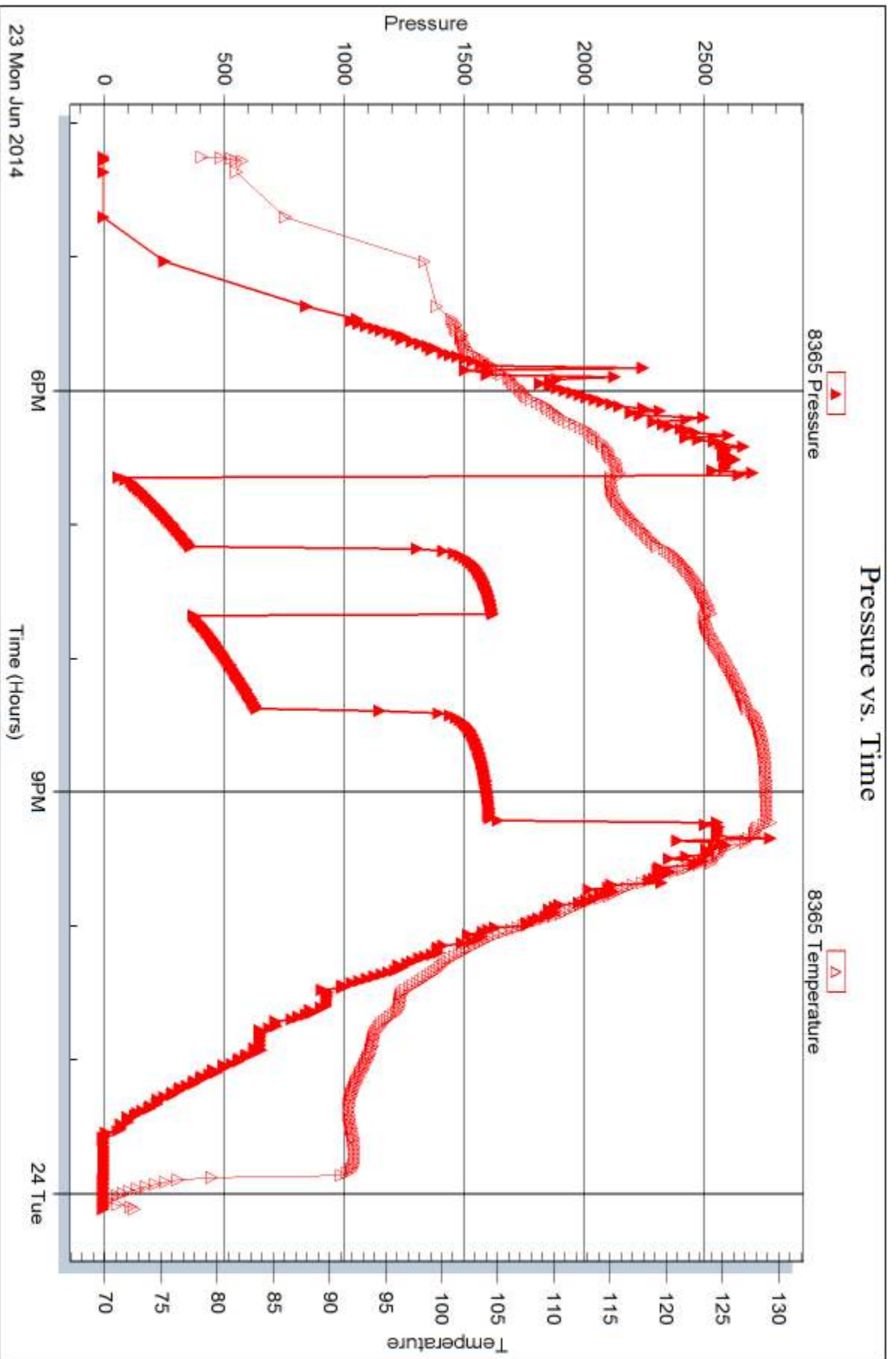
Serial #: 8365

Inside

American Warrior, Inc.

Handy #8-29

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54919

Printed: 2014.06.27 @ 14:54:29



DRILL STEM TEST REPORT

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

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Wyatt Urban

Handy #8-29

29 34s 31w Seward,KS

Start Date: 2014.06.25 @ 23:50:00

End Date: 2014.06.26 @ 08:03:45

Job Ticket #: 54920 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.27 @ 14:45:11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

29 34s 31w Seward, KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54920

DST#: 3

ATTN: Wyatt Urban

Test Start: 2014.06.25 @ 23:50:00

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:37:00

Time Test Ended: 08:03:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 5771.00 ft (KB) To 5854.00 ft (KB) (TVD)

Total Depth: 5854.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2741.00 ft (KB)

2729.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8522 Outside

Press@RunDepth: 154.96 psig @ 5772.00 ft (KB)

Start Date: 2014.06.25

End Date:

2014.06.26

Start Time: 23:50:05

End Time:

08:03:44

Capacity: 8000.00 psig

Last Calib.: 2014.06.26

Time On Btm: 2014.06.26 @ 02:36:45

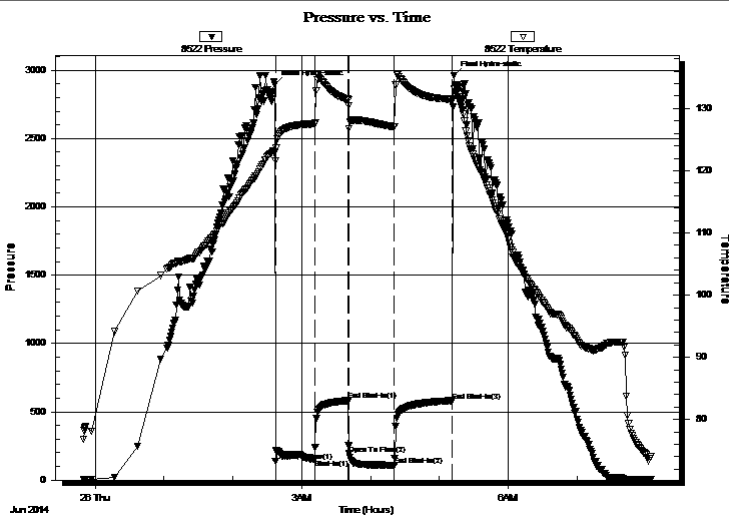
Time Off Btm: 2014.06.26 @ 05:12:45

TEST COMMENT: IF: BOB in 5 sec. Gas to surface @ 15 min.

IS: No return.

FF: BOB immediately.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2892.50	122.96	Initial Hydro-static
1	139.67	121.65	Open To Flow (1)
35	154.96	127.54	Shut-In(1)
64	582.17	131.46	End Shut-In(1)
65	192.18	126.77	Open To Flow (2)
104	109.55	127.05	End Shut-In(2)
155	581.85	131.53	End Shut-In(3)
156	2963.00	133.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	41.00	82.92
Last Gas Rate	0.25	46.00	90.41
Max. Gas Rate	0.25	46.00	90.41

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

29 34s 31w Seward, KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54920

DST#: 3

ATTN: Wyatt Urban

Test Start: 2014.06.25 @ 23:50:00

GENERAL INFORMATION:

Formation: **Morrow Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:37:00

Time Test Ended: 08:03:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 5771.00 ft (KB) To 5854.00 ft (KB) (TVD)

Total Depth: 5854.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2741.00 ft (KB)

2729.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8365 Inside

Press@RunDepth: psig @ 5772.00 ft (KB)

Start Date: 2014.06.25 End Date: 2014.06.26

Start Time: 23:50:05 End Time: 08:03:44

Capacity: 8000.00 psig

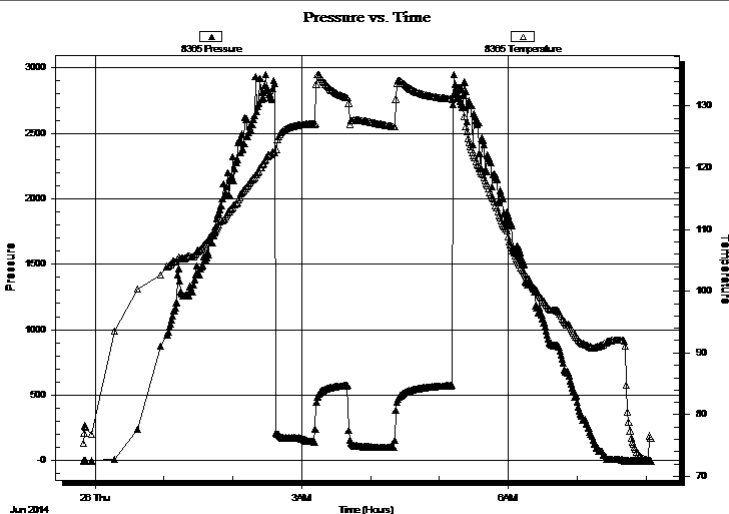
Last Calib.: 2014.06.26

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 5 sec. Gas to surface @ 15 min.
IS: No return.
FF: BOB immediately.
FS: No return.

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud 100m	0.74
0.00	GTS	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	41.00	82.92
Last Gas Rate	0.25	46.00	90.41
Max. Gas Rate	0.25	46.00	90.41

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54920

DST#: 3

ATTN: Wyatt Urban

Test Start: 2014.06.25 @ 23:50:00

Tool Information

Drill Pipe:	Length: 5532.00 ft	Diameter: 3.80 inches	Volume: 77.60 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: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 78.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 89000.00 lb
Depth to Top Packer:	5771.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	110.00 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			5745.00	
Shut In Tool	5.00			5750.00	
Hydraulic tool	5.00			5755.00	
Jars	5.00			5760.00	
Safety Joint	2.00			5762.00	
Packer	5.00			5767.00	27.00 Bottom Of Top Packer
Packer	4.00			5771.00	
Stubb	1.00			5772.00	
Recorder	0.00	8365	Inside	5772.00	
Recorder	0.00	8522	Outside	5772.00	
Perforations	14.00			5786.00	
Change Over Sub	1.00			5787.00	
Drill Pipe	63.00			5850.00	
Change Over Sub	1.00			5851.00	
Bullnose	3.00			5854.00	83.00 Bottom Packers & Anchor

Total Tool Length: 110.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54920

DST#: 3

ATTN: Wyatt Urban

Test Start: 2014.06.25 @ 23:50:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Mud 100m	0.738
0.00	GTS	0.000

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

American Warrior, Inc.

29 34s 31w Seward, KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54920

DST#: 3

ATTN: Wyatt Urban

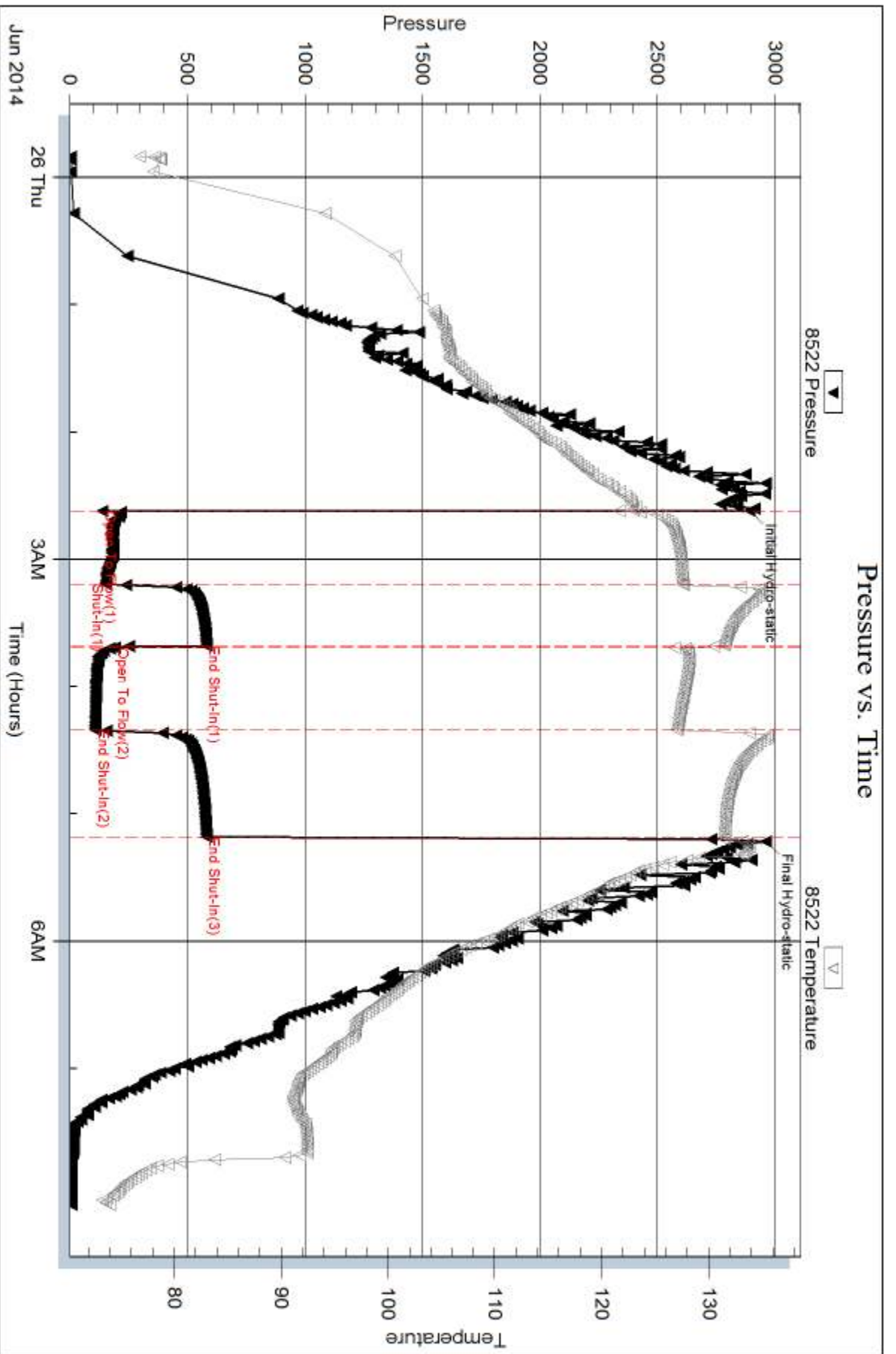
Test Start: 2014.06.25 @ 23:50:00

Gas Rates Information

Temperature: 70 (deg F)
Relative Density: 0.65
Z Factor: 0.88

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.25	41.00	82.92
1	25	0.25	42.00	84.42
1	30	0.25	44.00	87.41
2	5	0.25	41.00	82.92
2	10	0.25	44.00	87.41
2	35	0.25	46.00	90.41
2	45	0.25	46.00	90.41



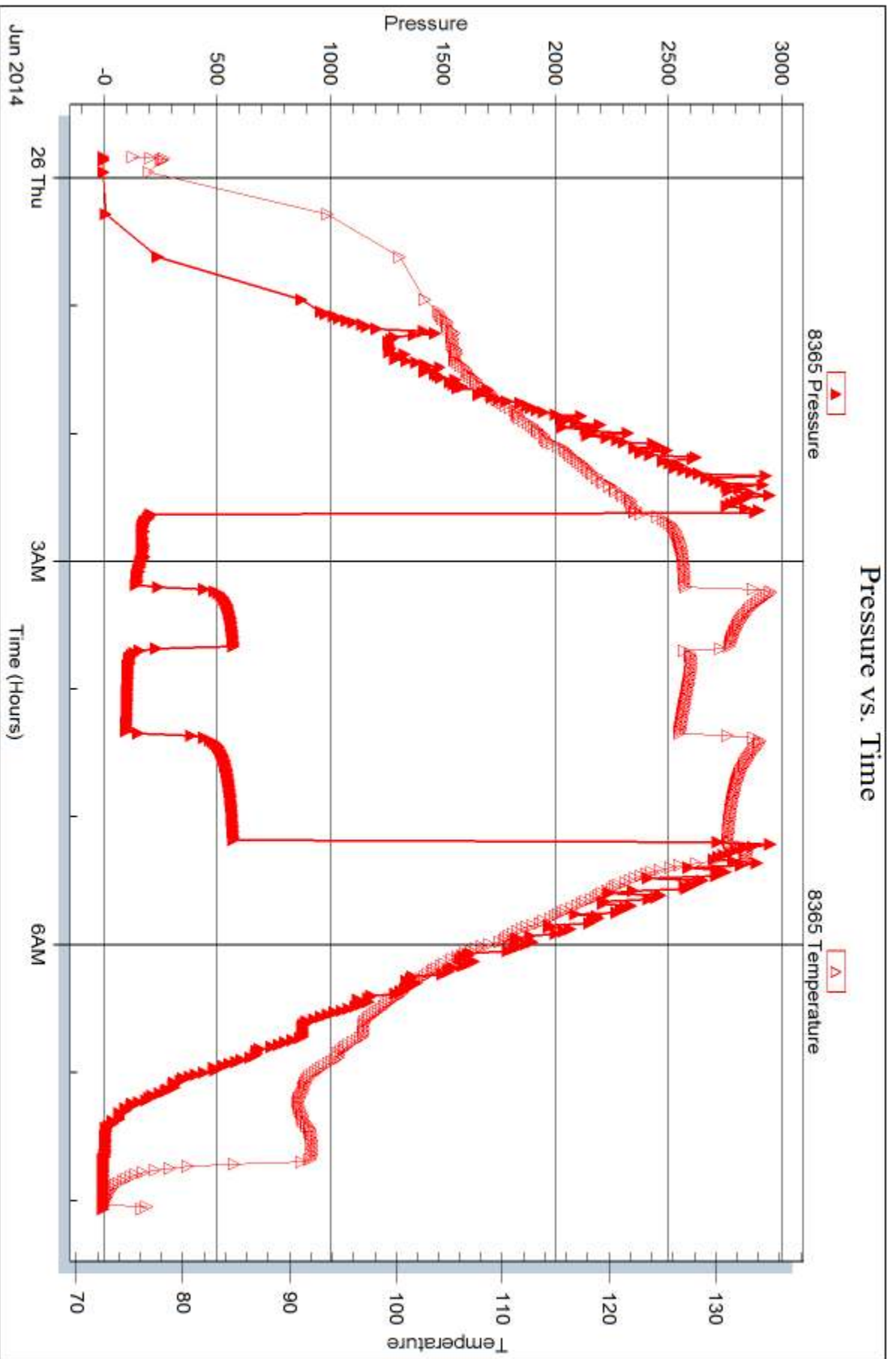
Serial #: 8365

Inside

American Warrior, Inc.

Handy #8-29

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 54920

Printed: 2014.06.27 @ 14:45:13



DRILL STEM TEST REPORT

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

3118 Cummings Rd.
Garden City, KS 67846

ATTN: Wyatt Urban

Handy #8-29

29 34s 31w Seward,KS

Start Date: 2014.06.27 @ 04:16:00

End Date: 2014.06.27 @ 12:49:30

Job Ticket #: 54922 DST #: 4

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

Printed: 2014.06.27 @ 14:54:01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54922

DST#: 4

ATTN: Wyatt Urban

Test Start: 2014.06.27 @ 04:16:00

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:28:30

Time Test Ended: 12:49:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 5963.00 ft (KB) To 6020.00 ft (KB) (TVD)

Reference Elevations: 2741.00 ft (KB)

Total Depth: 6020.00 ft (KB) (TVD)

2729.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8522 Outside

Press@RunDepth: 111.70 psig @ 5964.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.27 End Date: 2014.06.27

Last Calib.: 2014.06.27

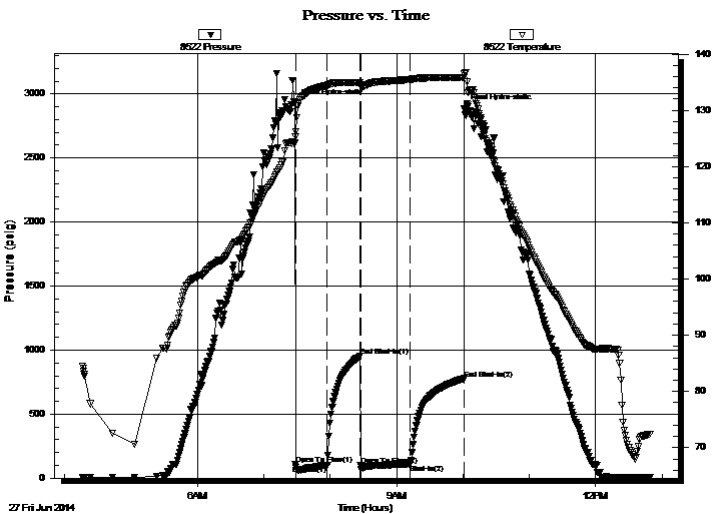
Start Time: 04:16:05 End Time: 12:49:30

Time On Btm: 2014.06.27 @ 07:28:00

Time Off Btm: 2014.06.27 @ 10:01:15

TEST COMMENT: IF: BOB @ 30 sec
IS: No return. Gas to surface durring bleed off.
FF: BOB @ 15 sec. TSTM
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2924.36	124.16	Initial Hydro-static
1	106.38	125.26	Open To Flow (1)
30	101.40	134.42	Shut-In(1)
59	953.96	134.99	End Shut-In(1)
60	100.64	134.45	Open To Flow (2)
105	111.70	135.48	Shut-In(2)
153	776.95	135.84	End Shut-In(2)
154	2883.98	136.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	w cm 30w 70m	1.04
0.00	GTS	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.
 3118 Cummings Rd.
 Garden City, KS 67846
 ATTN: Wyatt Urban

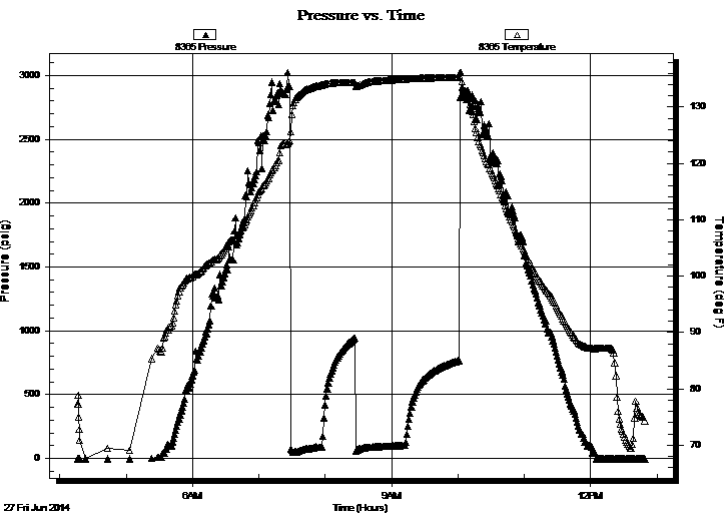
29 34s 31w Seward, KS
Handy #8-29
 Job Ticket: 54922 **DST#: 4**
 Test Start: 2014.06.27 @ 04:16:00

GENERAL INFORMATION:

Formation: **Chester**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:28:30
 Time Test Ended: 12:49:30
Interval: 5963.00 ft (KB) To 6020.00 ft (KB) (TVD)
 Total Depth: 6020.00 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: 2741.00 ft (KB)
 2729.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8365 **Inside**
 Press@RunDepth: psig @ 5964.00 ft (KB)
 Start Date: 2014.06.27 End Date: 2014.06.27
 Start Time: 04:16:05 End Time: 12:49:30
 Capacity: 8000.00 psig
 Last Calib.: 2014.06.27
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB @ 30 sec
 IS: No return. Gas to surface durring bleed off.
 FF: BOB @ 15 sec. TSTM
 FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
190.00	w cm 30w 70m	1.04
0.00	GTS	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.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54922

DST#: 4

ATTN: Wyatt Urban

Test Start: 2014.06.27 @ 04:16:00

Tool Information

Drill Pipe:	Length: 5781.00 ft	Diameter: 3.80 inches	Volume: 81.09 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: 178.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 81.97 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	5963.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	57.00 ft			
Tool Length:	84.00 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			5937.00	
Shut In Tool	5.00			5942.00	
Hydraulic tool	5.00			5947.00	
Jars	5.00			5952.00	
Safety Joint	2.00			5954.00	
Packer	5.00			5959.00	27.00 Bottom Of Top Packer
Packer	4.00			5963.00	
Stubb	1.00			5964.00	
Recorder	0.00	8365	Inside	5964.00	
Recorder	0.00	8522	Outside	5964.00	
Perforations	20.00			5984.00	
Change Over Sub	1.00			5985.00	
Drill Pipe	31.00			6016.00	
Change Over Sub	1.00			6017.00	
Bullnose	3.00			6020.00	57.00 Bottom Packers & Anchor

Total Tool Length: 84.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

29 34s 31w Seward,KS

3118 Cummings Rd.
Garden City, KS 67846

Handy #8-29

Job Ticket: 54922

DST#: 4

ATTN: Wyatt Urban

Test Start: 2014.06.27 @ 04:16:00

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:

34500 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	w cm 30w 70m	1.044
0.00	GTS	0.000

Total Length: 190.00 ft Total Volume: 1.044 bbl

Num Fluid Samples: 0

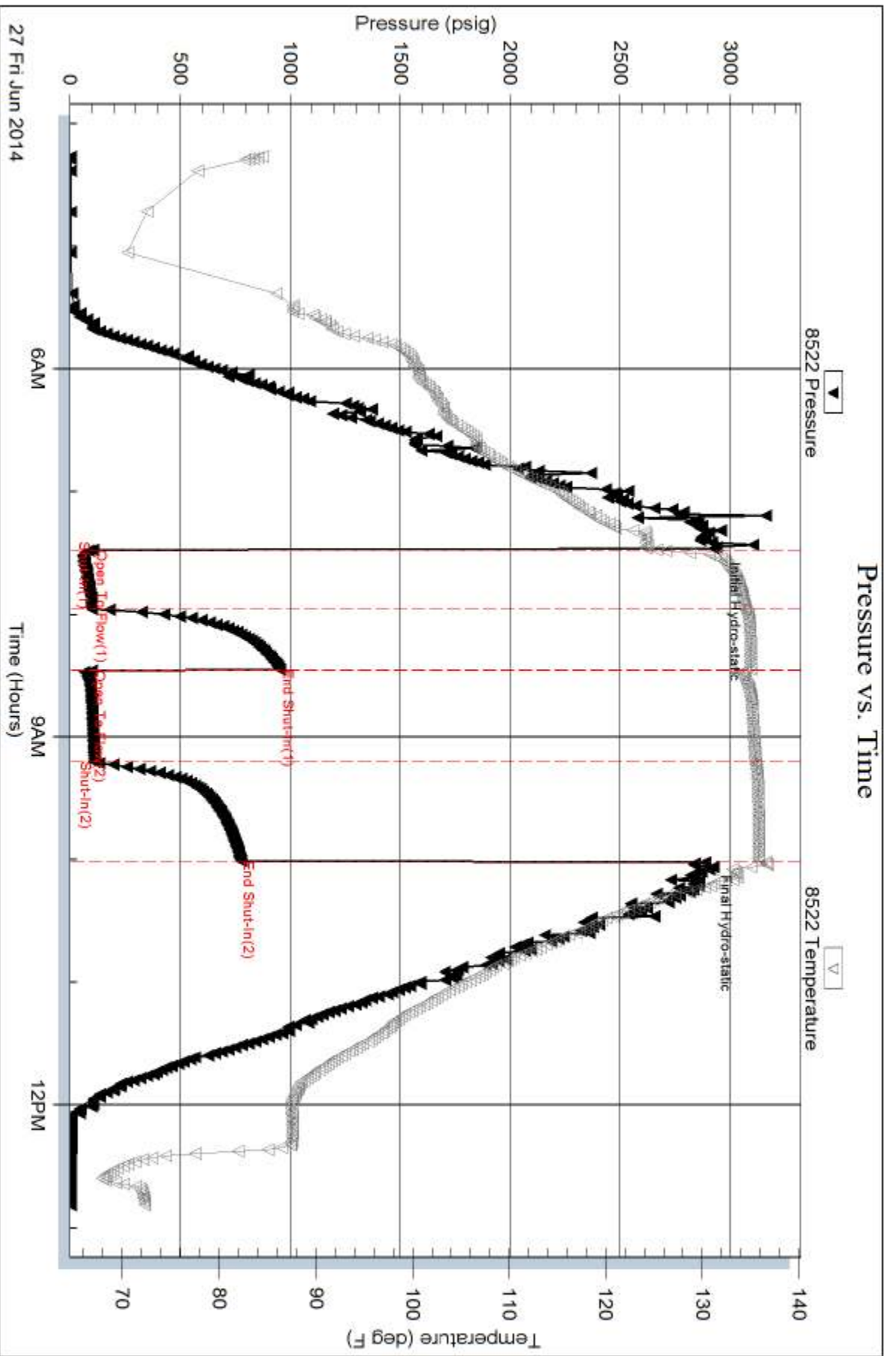
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .210 @ 66F = 34500ppm



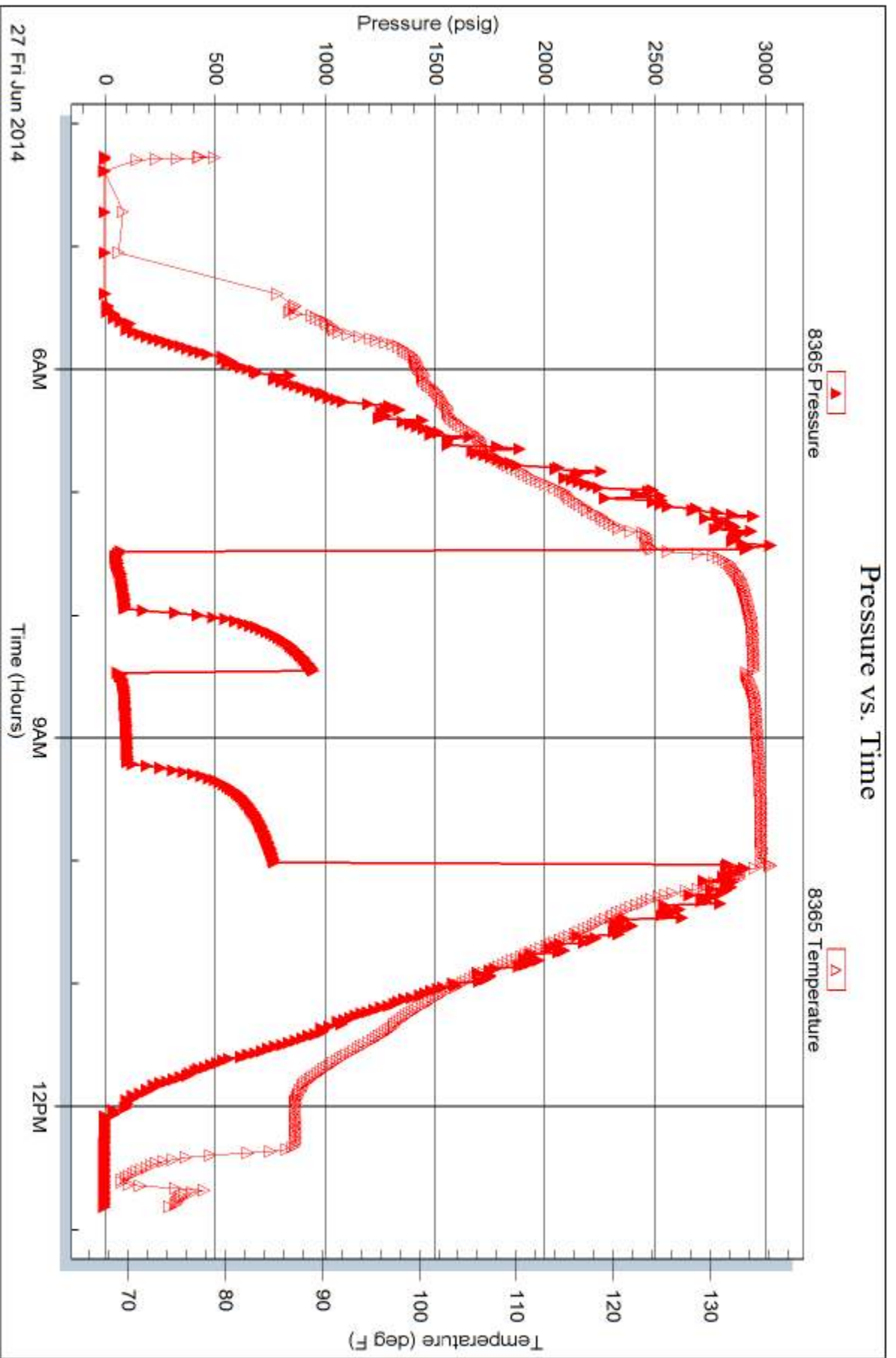
Serial #: 8365

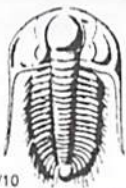
Inside

American Warrior, Inc.

Handy #8-29

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54918

Well Name & No. Handy #8-29 Test No. 1 Date 6/20/14
 Company American Warrior, Inc Elevation 2741 KB 2729 GL
 Address 3118 Cummings Rd Garden City, KS 67846
 Co. Rep / Geo. Walt Urban Rig Duke #9
 Location: Sec. 23 Twp. 24S Rge. 31W Co. Seward State Ks

Interval Tested .4399 4455 Zone Tested Toronto
 Anchor Length 56 Drill Pipe Run 4206 Mud Wt. 9.3
 Top Packer Depth 4394 Drill Collars Run 178 Vis 50
 Bottom Packer Depth 4399 Wt. Pipe Run 0 WL 9.2
 Total Depth 4455 Chlorides 3900 ppm System LCM 2[#]

Blow Description IF BOB @ 1 min
ISS! No 1/2" return
FF: BOB @ 3 min
FSI: 1/2" return

Rec	Feet of	%gas	%oil	%water	%mud
<u>1600</u>	<u>new</u>			<u>95</u>	<u>5</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

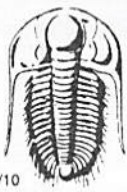
Rec Total 1600 BHT 117 Gravity — API RW .095 @ 95 °F Chlorides 65,000 ppm

(A) Initial Hydrostatic 2258 Test 1050 T-On Location
 (B) First Initial Flow 318 Jars 1127 T-Started
 (C) First Final Flow 624 Safety Joint 1319 T-Open
 (D) Initial Shut-In 906 Circ Sub Npc 1549 T-Pulled
 (E) Second Initial Flow 636 Hourly Standby 1831 T-Out
 (F) Second Final Flow 844 Mileage 240
 (G) Final Shut-In 915 Sampler
 (H) Final Hydrostatic 2222 Straddle
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total
 Accessibility Total
 Sub Total MP/DST Disc't

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

Approved By _____ Our Representative [Signature]

Triobite 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. 54919

Well Name & No. Handy #8-29 Test No. 2 Date 6/23/14
 Company American Warrion, Inc Elevation 2741 KB 2729 GL
 Address 318 Cummings Rd Garden City, KS 67846
 Co. Rep / Geo. Wyatt Voban Rig Duke #09
 Location: Sec. 23 Twp. 24's Rge. 31W Co. Seward State Ks

Interval Tested 5311 5349 Zone Tested Marmaton
 Anchor Length 38' Drill Pipe Run 5121 Mud Wt. 9.45
 Top Packer Depth 5306 Drill Collars Run 178 Vis 50
 Bottom Packer Depth 5311 Wt. Pipe Run Ø WL 9.2
 Total Depth 5349 Chlorides 2800 ppm System LCM 2#

Blow Description IF: BOB @ 5 min
IST: No return
FF: BOB @ 6 min
IST: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1260</u>	<u>ncw</u>			<u>97</u>	<u>3</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

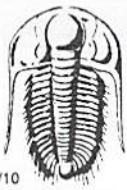
Rec Total 1260 BHT 137 Gravity — API RW .148 @ 68 °F Chlorides 52,000 ppm

(A) Initial Hydrostatic 2657 Test T-On Location 1600
 (B) First Initial Flow 75 Jars T-Started 1615
 (C) First Final Flow 369 Safety Joint T-Open 1837
 (D) Initial Shut-In 1621 Circ Sub N/C T-Pulled 2107
 (E) Second Initial Flow 385 Hourly Standby T-Out 0007 6/24
 (F) Second Final Flow 648 Mileage 240 Comments _____
 (G) Final Shut-In 1617 Sampler _____
 (H) Final Hydrostatic 2568 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 45 Day Standby _____
 Final Shut-In 45 Accessibility _____
 Sub Total _____ 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. 54920

Well Name & No. Handy # 8-29 Test No. 3 Date 6/26
 Company American Warrior, Inc Elevation 2741 KB 2729 GL
 Address 318 Cummings Rd Garden City KS 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #9
 Location: Sec. 23 Twp. 24S Rge. 31W Co. Seward State KS

Interval Tested 5771 5854 Zone Tested Morrow Sand
 Anchor Length 83 Drill Pipe Run 5532 Mud Wt. 9.2
 Top Packer Depth 5766 Drill Collars Run 238 Vis 54
 Bottom Packer Depth 5771 Wt. Pipe Run Ø WL 8.8
 Total Depth 5854 Chlorides 3400 ppm System LCM 2#
 Blow Description IF: BOB @ 10 sec Gauged Gas to surface @ 15 min
IST: No return
FF: BOB @ 9 sec Gauged
FST: No return

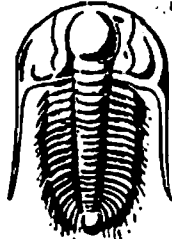
Rec	Feet of	%gas	%oil	%water	%mud
150	MUD			100	
	Gas' to Surface				

Rec Total 150 BHT 132 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2893</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>2340 6/25</u>
(B) First Initial Flow <u>140</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>2350</u>
(C) First Final Flow <u>155</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0238 6/26</u>
(D) Initial Shut-In <u>582</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0515</u>
(E) Second Initial Flow <u>192</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0804</u>
(F) Second Final Flow <u>109</u>	<input checked="" type="checkbox"/> Mileage <u>240</u>	Comments <u>Sample sent to Caraway</u>
(G) Final Shut-In <u>582</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2963</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>20</u>	<input checked="" type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total
Final Shut-In <u>45</u>	<input checked="" type="checkbox"/> Day Standby	Total
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

American Warrior Inc

OPERATOR

Handy 8-29

WELL NAME AND NO.

3

DST NO.

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
<i>First Flow</i>							
20	41	1/4	82,922				
25	42	1/4	84,418				
30	44	1/4	87,412				
<i>second flow</i>		1/4					
5	41	1/4	82,922				
10	44	1/4	87,412				
25	46	1/4	90,405				
35	46	1/4	90,405				
45	46	1/4	90,405				

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **54922**

Well Name & No. Handy #8-29 Test No. 4 Date 6/27
 Company American Warrior, Inc Elevation 2741 KB 2729 GL
 Address 3118 Cummings Rd Garden City, Ks 67846
 Co. Rep / Geo. Wyatt Urban Rig Duke #9
 Location: Sec. 23 Twp. 24S Rge. 31W Co. Seward State Ks

Interval Tested 5963 - 6020 Zone Tested Chester
 Anchor Length 57 Drill Pipe Run 5781 Mud Wt. 9.2
 Top Packer Depth 5958 Drill Collars Run 178 Vis 54
 Bottom Packer Depth 5963 Wt. Pipe Run 0 WL 10.0
 Total Depth 6020 Chlorides 4700 ppm System LCM 2#

Blow Description IF: BOB @ 30 sec
IS: No return Gas to surface
FF: BOB @ 15 sec Gas not gaugable
FS: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>190</u>	<u>wcm</u>			<u>30</u>	<u>70</u>
	<u>Gas to surface</u>				

Rec Total 190 BHT 136 Gravity - API RW .210 @ 66 °F Chlorides 34500 ppm

(A) Initial Hydrostatic <u>2924</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>0400</u>
(B) First Initial Flow <u>106</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>0416</u>
(C) First Final Flow <u>101</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0723</u>
(D) Initial Shut-In <u>954</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>0953</u>
(E) Second Initial Flow <u>101</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1250</u>
(F) Second Final Flow <u>112</u>	<input checked="" type="checkbox"/> Mileage <u>240</u>	Comments _____
(G) Final Shut-In <u>777</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2884</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer	<input checked="" 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 _____
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total _____
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total _____	

Approved By _____ Our Representative [Signature]

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