



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.26 @ 05:07:00

End Date: 2014.08.26 @ 09:22:00

Job Ticket #: 60429 DST #: 1

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

Printed: 2014.08.29 @ 15:21:14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60429

DST#: 1

Test Start: 2014.08.26 @ 05:07:00

GENERAL INFORMATION:

Formation: **Lansing A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:21:00

Time Test Ended: 09:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: S5

Interval: 2833.00 ft (KB) To 2872.00 ft (KB) (TVD)

Reference Elevations: 1784.00 ft (KB)

Total Depth: 2872.00 ft (KB) (TVD)

1776.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8400

Inside

Press@RunDepth: 100.98 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.08.26

End Date:

2014.08.26

Last Calib.:

2014.08.26

Start Time: 05:08:00

End Time:

09:22:00

Time On Btm:

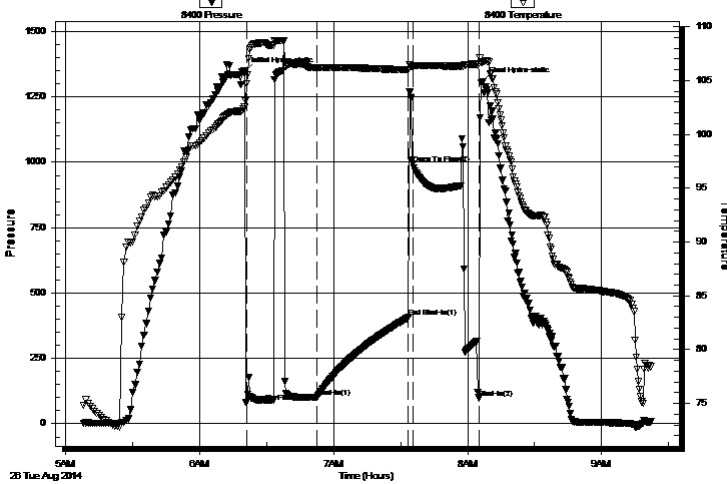
2014.08.26 @ 06:20:00

Time Off Btm:

2014.08.26 @ 08:06:30

TEST COMMENT: IFP-30 Minutes-Strong blow tool chased 30 feet to bottom had to add another joint of pipe
ISI-30 Minutes-No blow back
FFP-30 Minutes-No blow flushed tool no surge pulled tool

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1347.88	102.52	Initial Hydro-static
1	83.45	104.72	Open To Flow (1)
33	100.98	106.17	Shut-In(1)
74	407.23	106.00	End Shut-In(1)
76	993.23	106.35	Open To Flow (2)
105	99.14	106.55	Shut-In(2)
107	1307.07	106.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud	2.10

Gas Rates

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



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 Garden City KS 67846
 ATTN: Wyatt Urban

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60429

DST#: 1

Test Start: 2014.08.26 @ 05:07:00

GENERAL INFORMATION:

Formation: **Lansing A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:21:00

Time Test Ended: 09:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: S5

Interval: 2833.00 ft (KB) To 2872.00 ft (KB) (TVD)

Reference Elevations: 1784.00 ft (KB)

Total Depth: 2872.00 ft (KB) (TVD)

1776.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8525 Outside

Press@RunDepth: 413.99 psig @ ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.08.26

End Date: 2014.08.26

Last Calib.: 2014.08.26

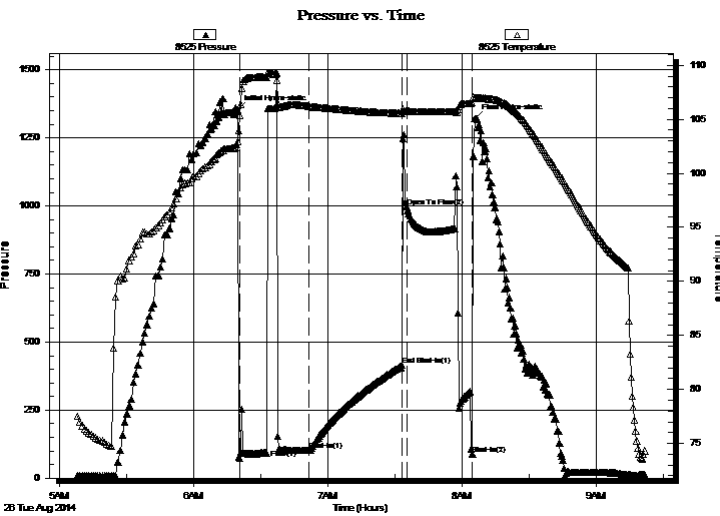
Start Time: 05:08:00

End Time: 09:21:30

Time On Btm: 2014.08.26 @ 06:19:30

Time Off Btm: 2014.08.26 @ 08:05:30

TEST COMMENT: IFP-30 Minutes-Strong blow tool chased 30 feet to bottom had to add another joint of pipe
 ISI-30 Minutes-No blow back
 FFP-30 Minutes-No blow flushed tool no surge pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1355.00	102.97	Initial Hydro-static
1	73.87	105.39	Open To Flow (1)
32	103.03	106.19	Shut-In(1)
74	413.99	105.55	End Shut-In(1)
76	997.65	105.74	Open To Flow (2)
105	87.37	106.54	Shut-In(2)
106	1322.01	106.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud	2.10

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60429 **DST#: 1**
Test Start: 2014.08.26 @ 05:07:00

Tool Information

Drill Pipe:	Length: 2844.00 ft	Diameter: 3.80 inches	Volume: 39.89 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:	120000.0 lb
			<u>Total Volume: 39.89 bbl</u>	Tool Chased	30.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	2833.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: On location 11:30pm 8-25-2014 was told be on bank 12:15pm /Tool chased 30 feet to bottom /had to add another joint of pipe/
Flushed tool 2nd open no blow back pulled tool/ruined top packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2818.00	
Hydraulic tool	5.00			2823.00	
Packer	5.00			2828.00	20.00 Bottom Of Top Packer
Packer	5.00			2833.00	
Recorder	1.00	8400	Inside	2834.00	
Recorder	1.00	8525	Outside	2835.00	
Anchor	34.00			2869.00	
Bullnose	3.00			2872.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60429 **DST#: 1**
Test Start: 2014.08.26 @ 05:07:00

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: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud	2.104

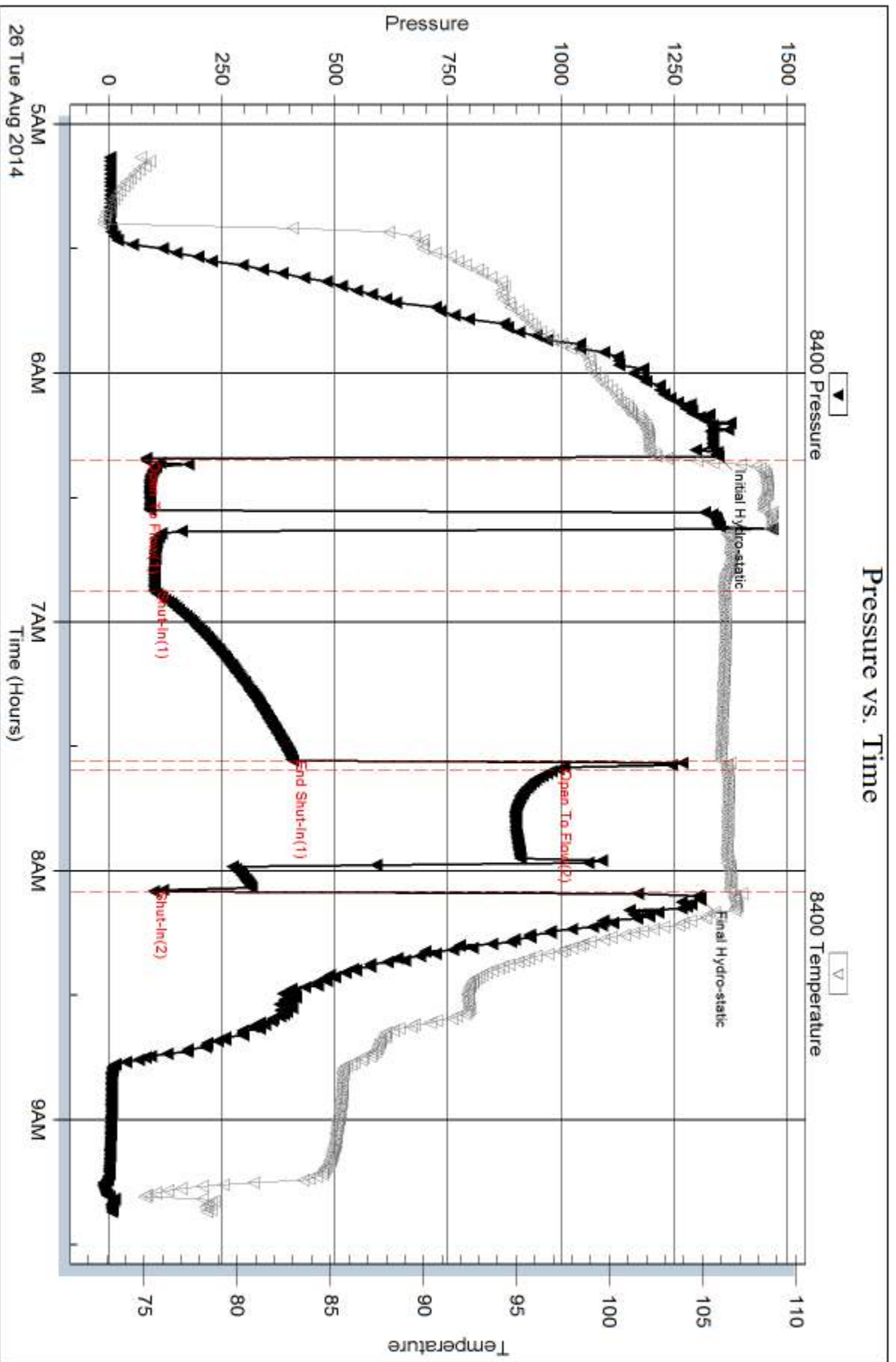
Total Length: 150.00 ft Total Volume: 2.104 bbl

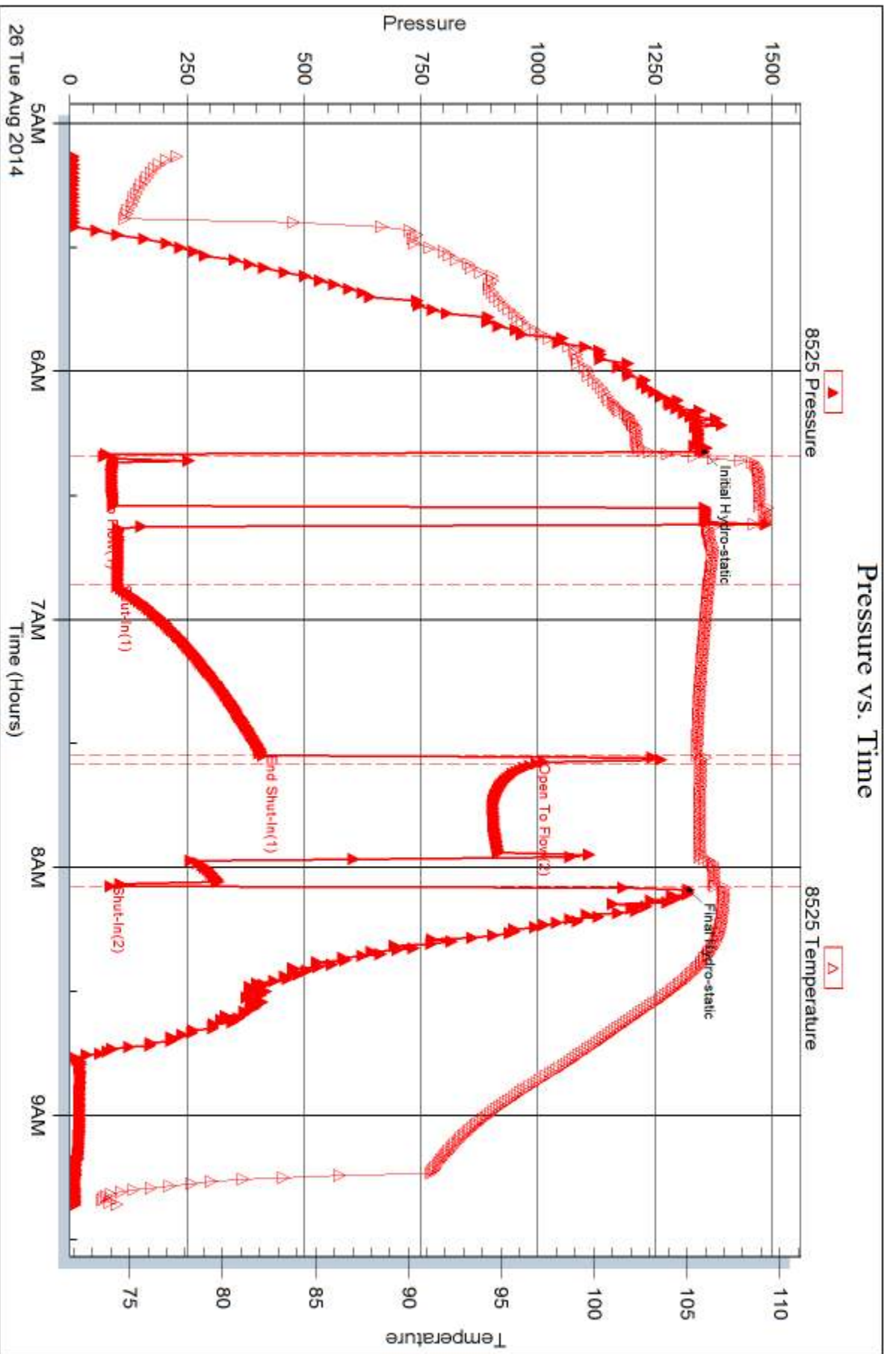
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: On location 11:30pm 8-25-2014/Tool chased 30 feet to bottom had to add another joint of pipe/flushed tool 2nd open no blow pulled tool

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.26 @ 16:30:00

End Date: 2014.08.26 @ 21:23:00

Job Ticket #: 60430 DST #: 2

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

Printed: 2014.08.29 @ 15:18:19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

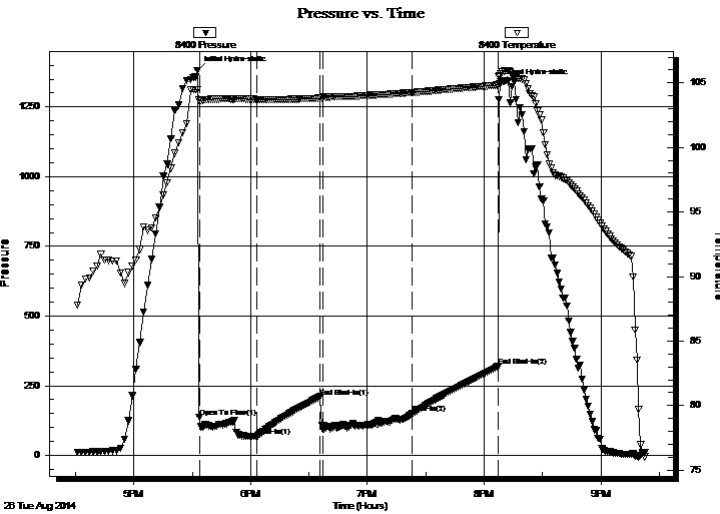
2-18s-8w Rice,KS
Jean #1-2
 Job Ticket: 60430 **DST#: 2**
 Test Start: 2014.08.26 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A -B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:33:30
 Time Test Ended: 21:23:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 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: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 149.71 psig @ 2834.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 16:31:00 End Time: 21:23:00 Time On Btm: 2014.08.26 @ 17:32:30
 Time Off Btm: 2014.08.26 @ 20:08:00

TEST COMMENT: IFP 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 ISIP 30 Minutes-No blow back
 FFP 45 Minutes -Fair blow built bottom of bucket in 25 minutes
 FSIP 45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1381.28	104.49	Initial Hydro-static
1	135.78	103.66	Open To Flow (1)
31	68.58	103.73	Shut-In(1)
63	210.34	103.81	End Shut-In(1)
65	94.80	103.92	Open To Flow (2)
111	149.71	104.26	Shut-In(2)
155	318.77	104.84	End Shut-In(2)
156	1332.40	105.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud	1.12

Gas Rates

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



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DRILL STEM TEST REPORT

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

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60430

DST#: 2

Test Start: 2014.08.26 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A -B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:33:30
 Time Test Ended: 21:23:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 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: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

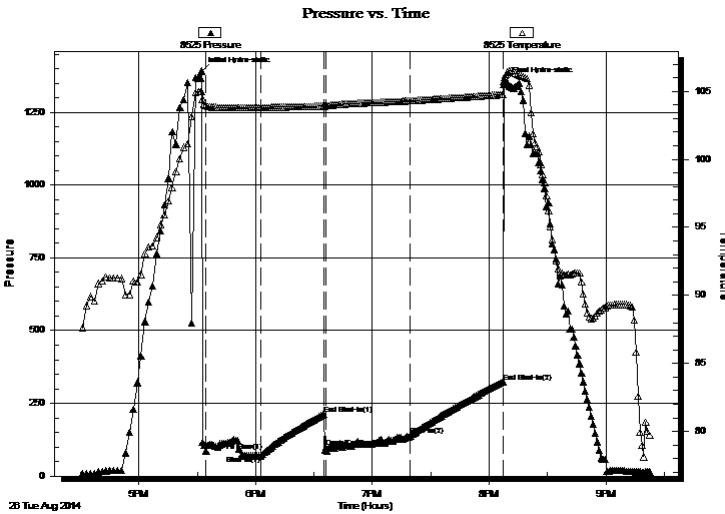
Serial #: 8525

Outside

Press@RunDepth: 324.11 psig @ 2835.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 16:31:00 End Time: 21:22:30 Time On Btm: 2014.08.26 @ 17:32:00
 Time Off Btm: 2014.08.26 @ 20:08:00

TEST COMMENT: IFP 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 ISIP 30 Minutes-No blow back
 FFP 45 Minutes -Fair blow built bottom of bucket in 25 minutes
 FSIP 45 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1391.07	104.99	Initial Hydro-static
3	85.25	103.94	Open To Flow (1)
31	70.40	103.81	Shut-In(1)
63	212.97	103.92	End Shut-In(1)
64	100.23	103.95	Open To Flow (2)
108	138.95	104.31	Shut-In(2)
155	324.11	104.77	End Shut-In(2)
156	1353.94	106.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud	1.12

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60430 **DST#: 2**
Test Start: 2014.08.26 @ 16:30:00

Tool Information

Drill Pipe:	Length: 2844.00 ft	Diameter: 3.80 inches	Volume: 39.89 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: 39.89 bbl</u>	Tool Chased	15.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	2833.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Tool chased 15 feet to bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			2818.00	
Hydraulic tool	5.00			2823.00	
Packer	5.00			2828.00	20.00 Bottom Of Top Packer
Packer	5.00			2833.00	
Recorder	1.00	8400	Inside	2834.00	
Recorder	1.00	8525	Outside	2835.00	
Anchor	34.00			2869.00	
Bullnose	3.00			2872.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60430 **DST#: 2**
Test Start: 2014.08.26 @ 16:30:00

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: 41.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

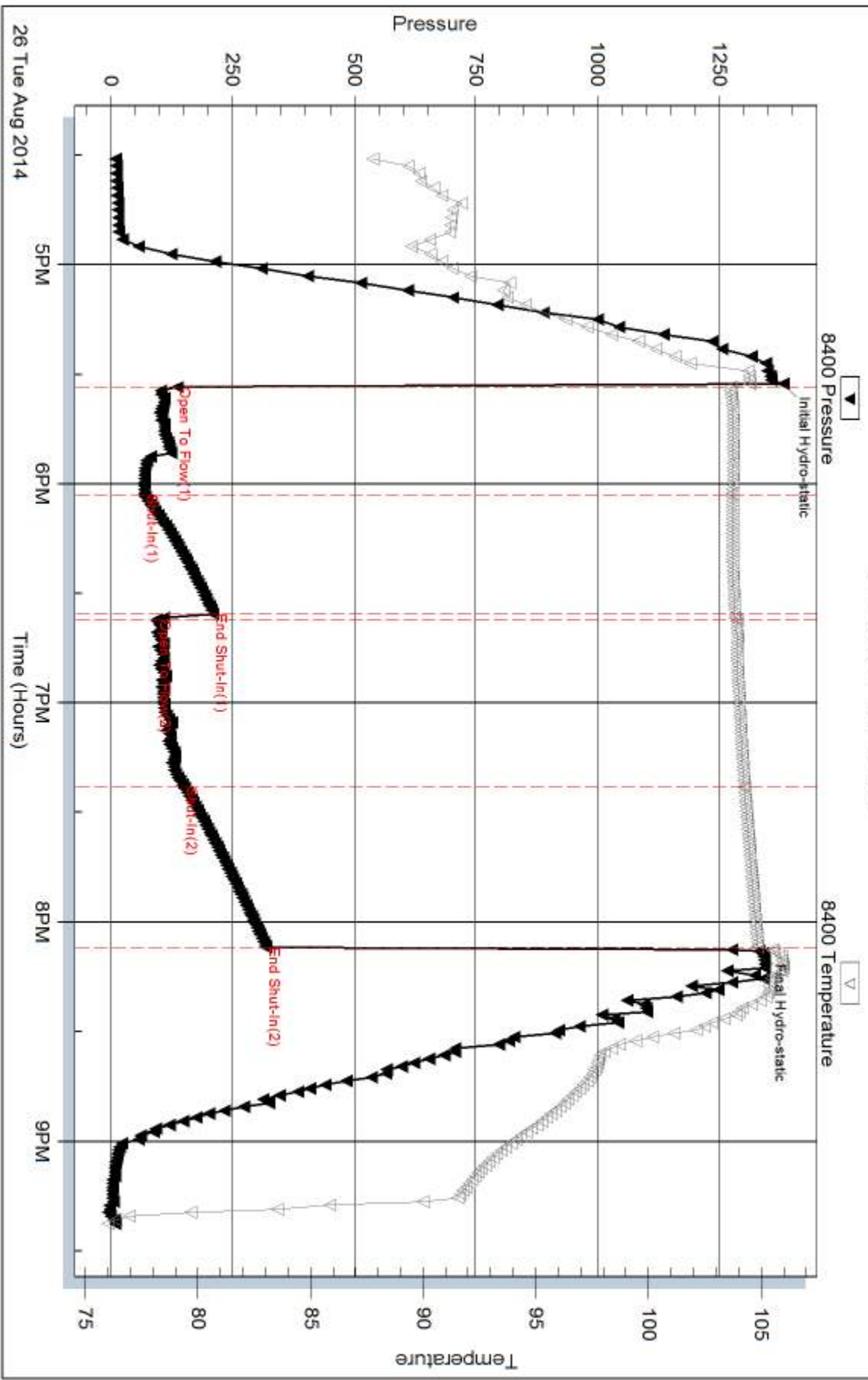
Recovery Information

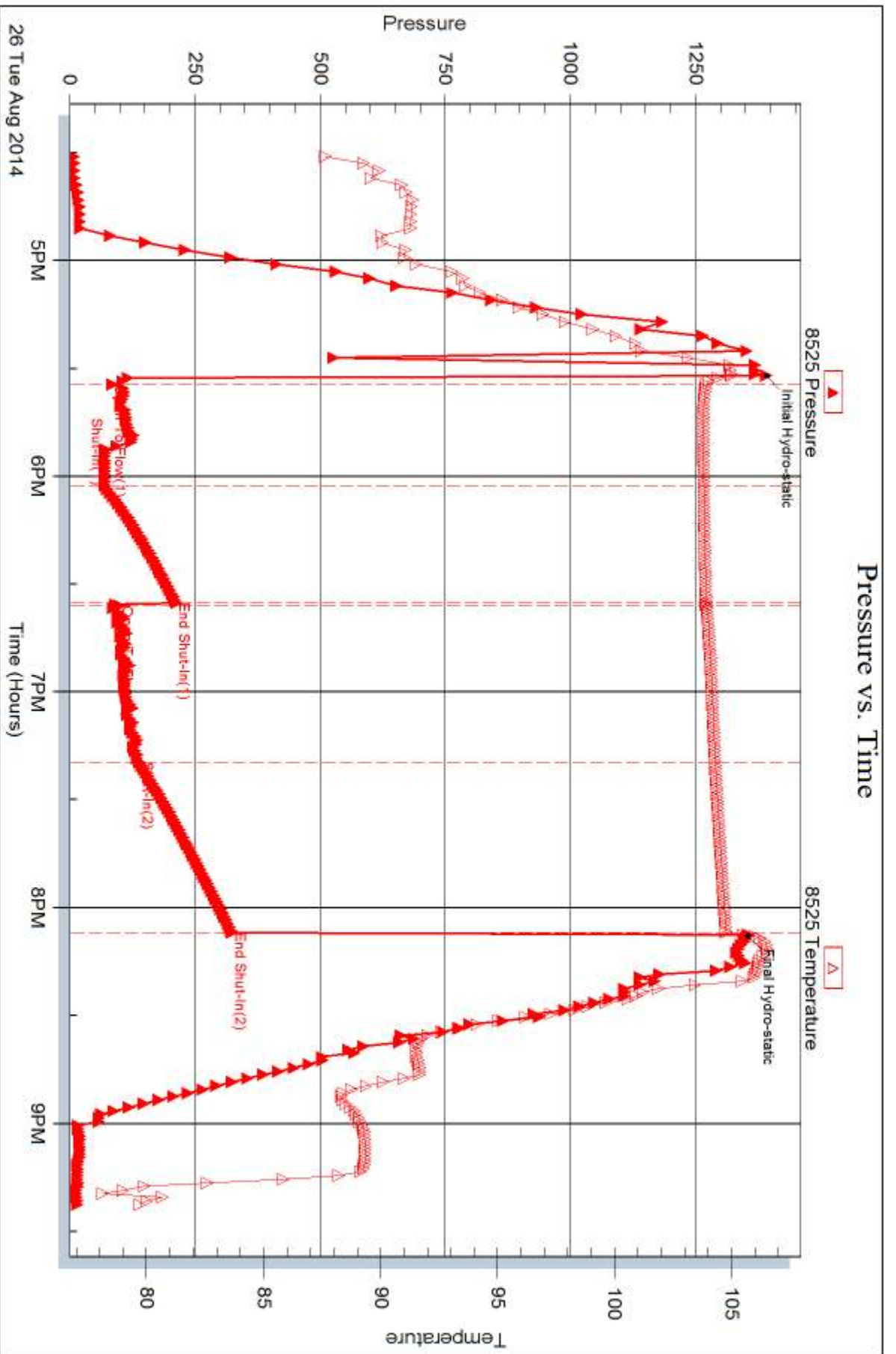
Recovery Table

Length ft	Description	Volume bbl
80.00	mud	1.122

Total Length: 80.00 ft Total Volume: 1.122 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Tool chased 15 feet to bottom

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.28 @ 01:05:00

End Date: 2014.08.28 @ 07:16:00

Job Ticket #: 60431 DST #: 3

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

Printed: 2014.08.29 @ 15:17:01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

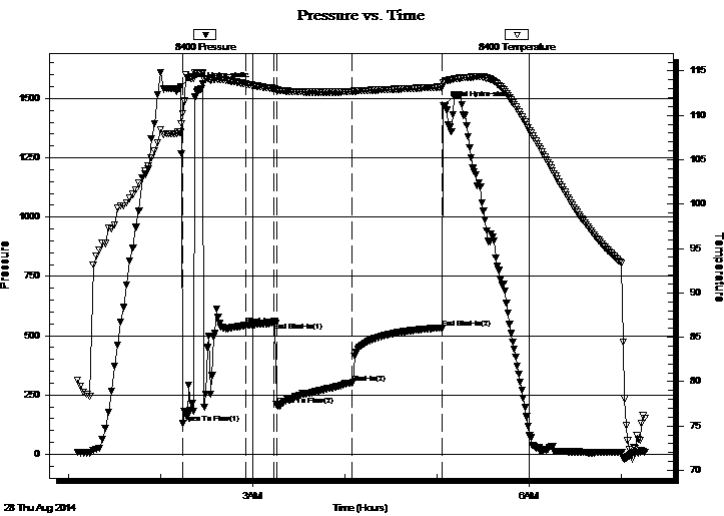
2-18s-8w Rice, KS
Jean #1-2
 Job Ticket: 60431 **DST#: 3**
 Test Start: 2014.08.28 @ 01:05:00

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:14:30
 Time Test Ended: 07:16:00
 Interval: **3151.00 ft (KB) To 3245.00 ft (KB) (TVD)**
 Total Depth: 3245.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 300.99 psig @ 3241.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 01:06:00 End Time: 07:16:00 Time On Btm: 2014.08.28 @ 02:13:00
 Time Off Btm: 2014.08.28 @ 05:04:30

TEST COMMENT: IFP-30 Minutes-Tool chased 42 feet to bottom Blow died off
 ISIP-20 Minutes-No Blow Back
 FFP-45 Minutes-No blow Flushed tool blow built bottom of bucket in 16 minutes
 FSIP-60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1551.31	108.11	Initial Hydro-static
2	128.78	110.18	Open To Flow (1)
43	542.79	113.53	Shut-In(1)
61	558.98	113.03	End Shut-In(1)
63	207.19	112.83	Open To Flow (2)
112	300.99	112.67	Shut-In(2)
171	530.28	113.20	End Shut-In(2)
172	1470.95	113.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.68
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.37
300.00	GO cut Mud 5%g 10%O 85%M	4.21

Gas Rates

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



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DRILL STEM TEST REPORT

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

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60431

DST#: 3

Test Start: 2014.08.28 @ 01:05:00

GENERAL INFORMATION:

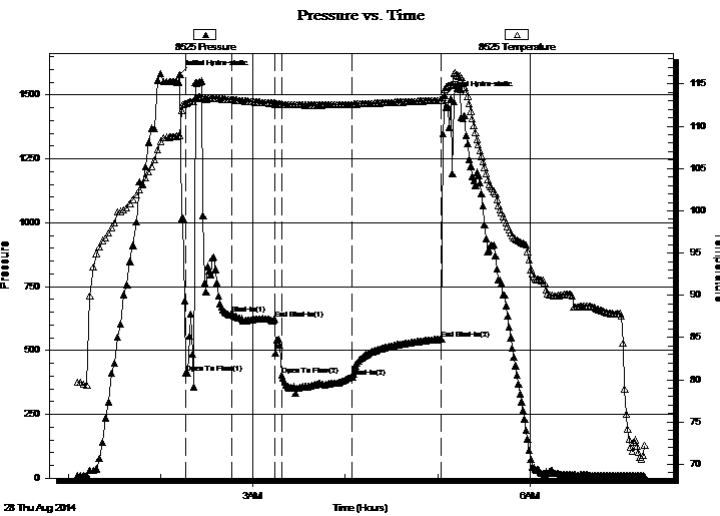
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:14:30
 Time Test Ended: 07:16:00
 Interval: **3151.00 ft (KB) To 3245.00 ft (KB) (TVD)**
 Total Depth: 3245.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8525

Outside

Press@RunDepth: 544.91 psig @ 3242.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 01:06:00 End Time: 07:15:00 Time On Btm: 2014.08.28 @ 02:12:30
 Time Off Btm: 2014.08.28 @ 05:04:30

TEST COMMENT: IFP-30 Minutes-Tool chased 42 feet to bottom Blow died off
 ISIP-20 Minutes-No Blow Back
 FFP-45 Minutes-No blow Flushed tool blow built bottom of bucket in 16 minutes
 FSIP-60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.21	108.94	Initial Hydro-static
4	410.68	112.71	Open To Flow (1)
34	640.68	113.14	Shut-In(1)
62	623.55	112.72	End Shut-In(1)
66	404.32	112.61	Open To Flow (2)
112	395.56	112.60	Shut-In(2)
170	544.91	113.09	End Shut-In(2)
172	1496.97	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.68
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.37
300.00	GO cut Mud 5%g 10%O 85%M	4.21

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60431 **DST#: 3**
Test Start: 2014.08.28 @ 01:05:00

Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 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:	85000.00 lb
			<u>Total Volume: 44.33 bbl</u>	Tool Chased	42.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3151.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Tool chased 42 feet to bottom of hole flushed tool 2nd open

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3136.00	
Hydraulic tool	5.00			3141.00	
Packer	5.00			3146.00	20.00 Bottom Of Top Packer
Packer	5.00			3151.00	
Change Over Sub	0.75			3151.75	
Drill Pipe	61.50			3213.25	
Change Over Sub	0.75			3214.00	
Anchor	26.00			3240.00	
Recorder	1.00	8400	Inside	3241.00	
Recorder	1.00	8525	Outside	3242.00	
Bullnose	3.00			3245.00	94.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60431 **DST#: 3**
Test Start: 2014.08.28 @ 01:05:00

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:	22000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

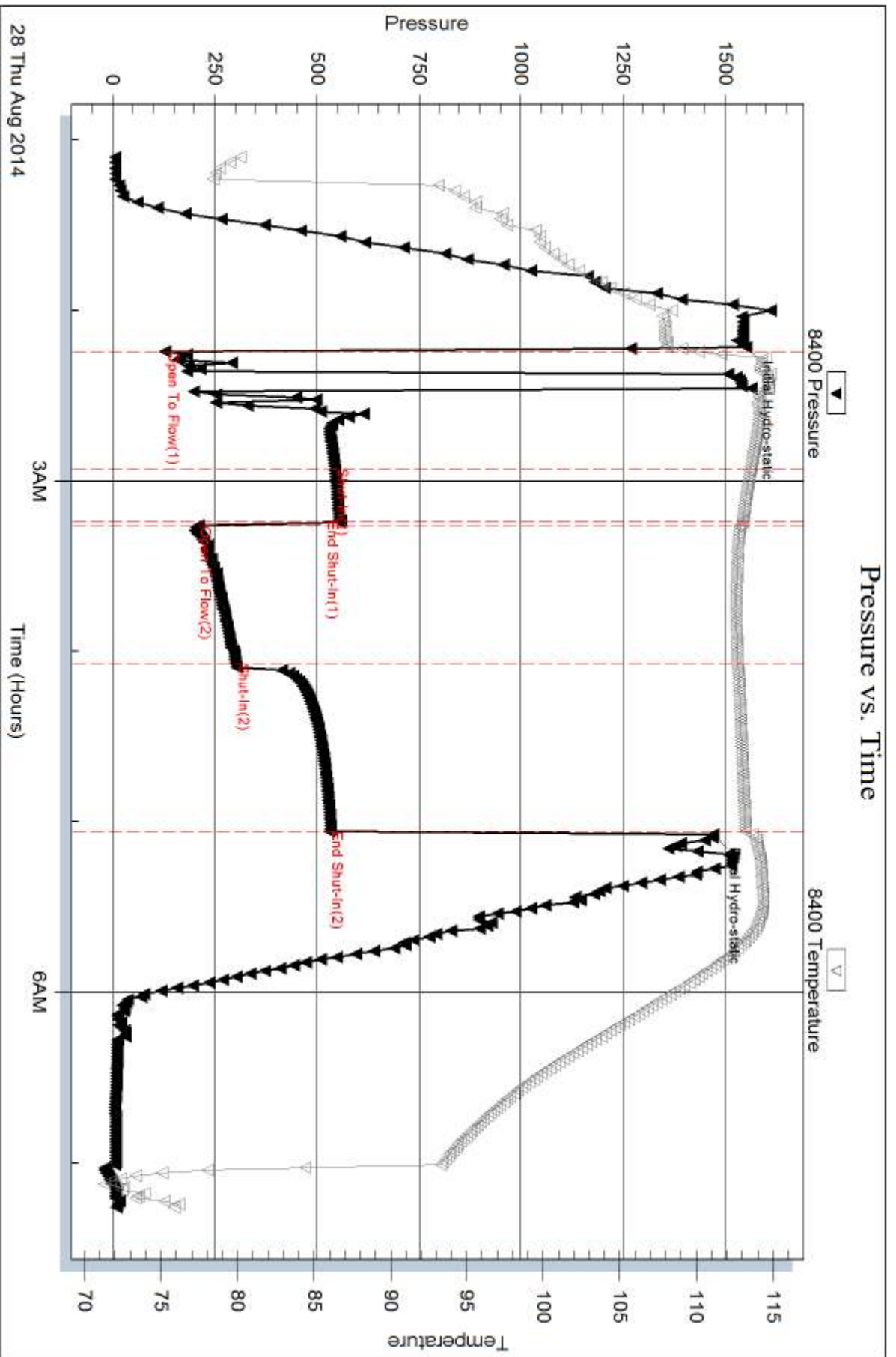
Length ft	Description	Volume bbl
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.683
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.367
300.00	GO cut Mud 5%g 10%O 85%M	4.208

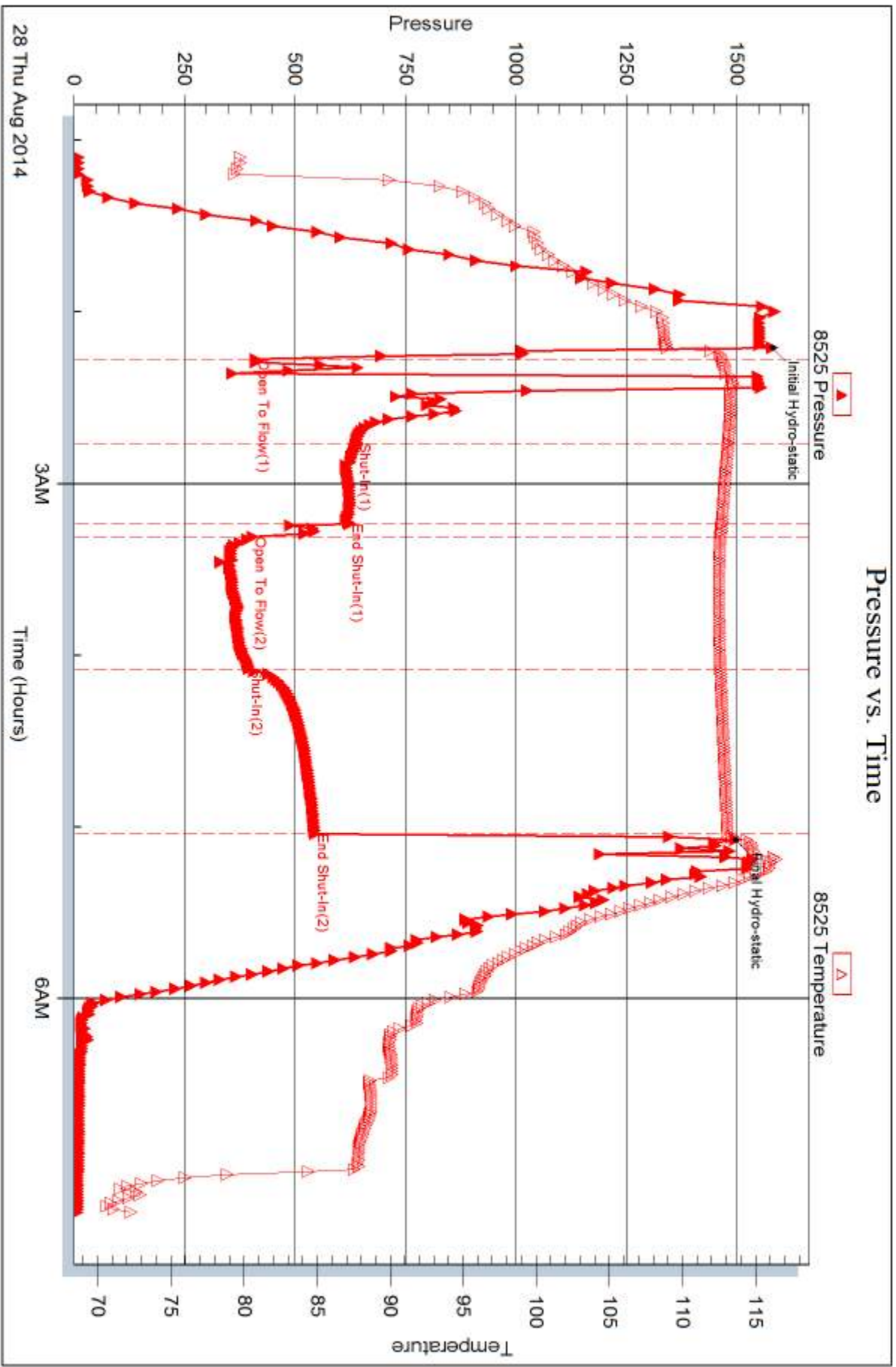
Total Length: 660.00 ft Total Volume: 9.258 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Tool chased 42 feet to bottom flushed tool 2nd open/chlorides 22,000 resistivity .2 @68 degrees







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.28 @ 17:15:00

End Date: 2014.08.28 @ 22:39:00

Job Ticket #: 60432 DST #: 4

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

Printed: 2014.08.29 @ 15:07:07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

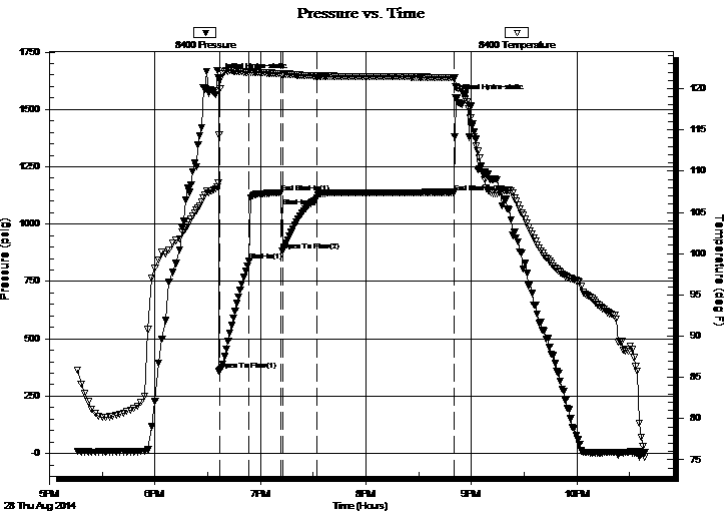
2-18s-8w Rice, KS
Jean #1-2
 Job Ticket: 60432 **DST#: 4**
 Test Start: 2014.08.28 @ 17:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:00
 Time Test Ended: 22:39:00
 Interval: **3287.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 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: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 1113.15 psig @ 3288.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 17:16:00 End Time: 22:39:00 Time On Btm: 2014.08.28 @ 18:36:00
 Time Off Btm: 2014.08.28 @ 20:51:00

TEST COMMENT: IFP 15 Minutes-Strong blow built bottom of bucket in 1 minute
 ISIP 20 Minutes-No blow back
 FFP 20 Minutes-Strong blow built bottom bucket in 1 minute
 FSIP 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.61	108.55	Initial Hydro-static
1	362.32	119.97	Open To Flow (1)
18	840.58	121.91	Shut-In(1)
36	1136.05	121.82	End Shut-In(1)
37	884.27	121.55	Open To Flow (2)
56	1113.15	121.52	Shut-In(2)
134	1138.18	121.32	End Shut-In(2)
135	1548.72	120.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2280.00	water 97% water 3% mud	31.98
60.00	Spot oil cut water 1% oil 5% mud 94% water 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

2-18s-8w Rice, KS

Jean #1-2

Job Ticket: 60432

DST#: 4

Test Start: 2014.08.28 @ 17:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:00
 Time Test Ended: 22:39:00
 Interval: **3287.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 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: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

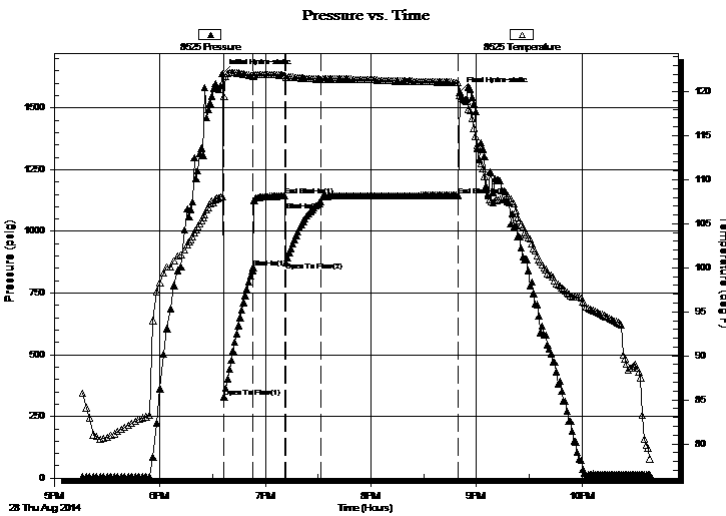
Serial #: 8525

Outside

Press@RunDepth: 1146.02 psig @ 3289.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 17:16:00 End Time: 22:38:30 Time On Btm: 2014.08.28 @ 18:35:30
 Time Off Btm: 2014.08.28 @ 20:50:30

TEST COMMENT: IFP 15 Minutes-Strong blow built bottom of bucket in 1 minute
 ISIP 20 Minutes-No blow back
 FFP 20 Minutes-Strong blow built bottom bucket in 1 minute
 FSIP 60 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.04	108.10	Initial Hydro-static
1	329.13	119.48	Open To Flow (1)
18	854.10	121.80	Shut-In(1)
36	1143.19	121.84	End Shut-In(1)
36	874.54	121.66	Open To Flow (2)
56	1119.87	121.41	Shut-In(2)
134	1146.02	121.07	End Shut-In(2)
135	1564.54	119.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2280.00	water 97% water 3% mud	31.98
60.00	Spot oil cut water 1% oil 5% mud 94% water 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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60432 **DST#: 4**
Test Start: 2014.08.28 @ 17:15:00

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 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:	65000.00 lb
			<u>Total Volume: 46.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3287.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	8.00 ft				
Tool Length:	28.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: 60 on last shut-in rig hands were unloading pipe

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3272.00	
Hydraulic tool	5.00			3277.00	
Packer	5.00			3282.00	20.00 Bottom Of Top Packer
Packer	5.00			3287.00	
Recorder	1.00	8400	Inside	3288.00	
Recorder	1.00	8525	Outside	3289.00	
Anchor	3.00			3292.00	
Bullnose	3.00			3295.00	8.00 Bottom Packers & Anchor

Total Tool Length: 28.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60432 **DST#: 4**
Test Start: 2014.08.28 @ 17:15:00

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:	22000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: 0.20 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2280.00	w ater 97%w ater 3%mud	31.982
60.00	Spot oil cut w ater 1%oil 5%mud 94%w ater	0.842

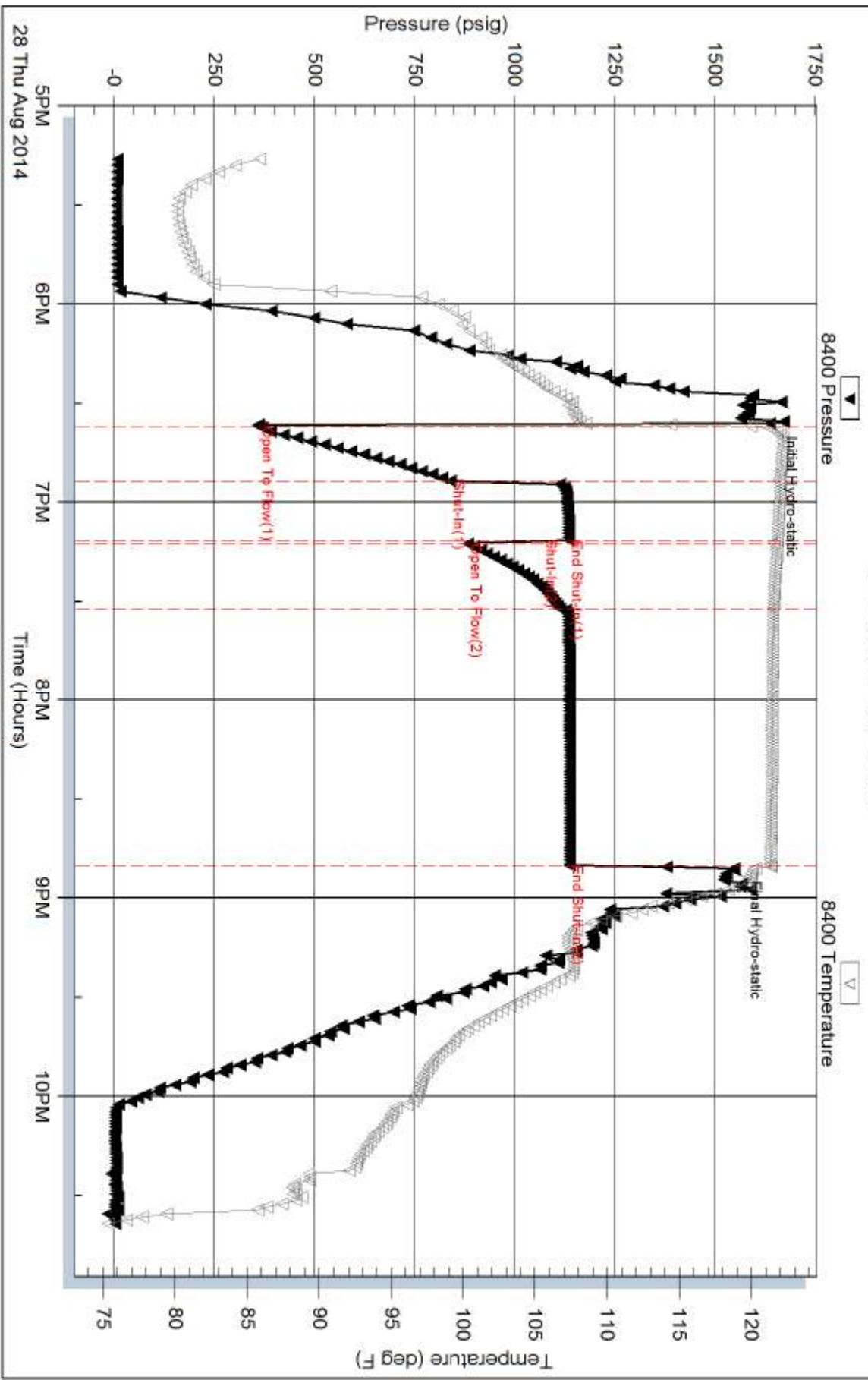
Total Length: 2340.00 ft Total Volume: 32.824 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

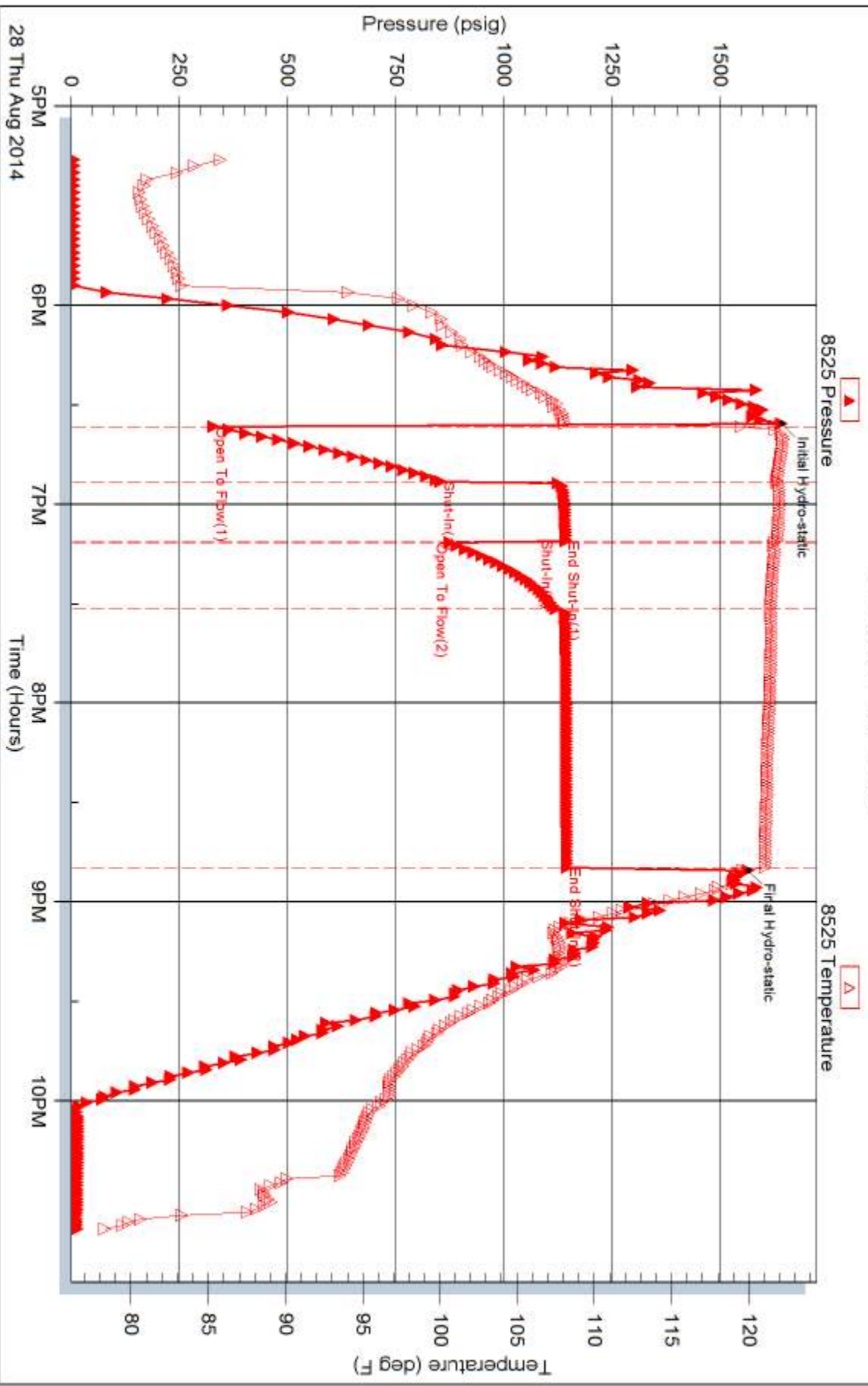
Laboratory Name: Laboratory Location:

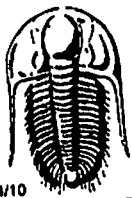
Recovery Comments: chlorides 22,000 resistivity .2 @ 70 degrees

Pressure vs. Time



Pressure vs. Time





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60429

Well Name & No. Jean #1-2 Test No. 1 Date 8-26-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 318 Cummings RD Garden City KS 67846 / PO Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling Rig # 8 State KS
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice

Interval Tested 2833 - 2872 Zone Tested Lansing "A-B"
 Anchor Length 39 Drill Pipe Run 2844 Mud Wt. 8.85
 Top Packer Depth 2828 Drill Collars Run — Vis 50
 Bottom Packer Depth 2833 Wt. Pipe Run — WL 8-8
 Total Depth 2872 Chlorides 3000 ppm System LCM 0

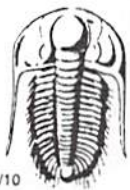
Blow Description IFP - Strong Blow Tool chased 30 feet to Bottom
ISP - NO Blow Back
FFP - NO Blow Flushed Tool NO Surge Pulled Tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>mud</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 150 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1347 Test 950 T-On Location 11:30pm 8-25-2014
 (B) First Initial Flow 83 Jars _____ T-Started 5:07 AM 8-26-2014
 (C) First Final Flow 100 Safety Joint _____ T-Open 6:21am 8-26-2014
 (D) Initial Shut-In 407 Circ Sub _____ T-Pulled 7:51am
 (E) Second Initial Flow 993 Hourly Standby on location 11:30am 8-25-2014 5 1/2 Hours 124 T-Out 9:22 AM
 (F) Second Final Flow 99 Mileage 80 Road Trip Comments was told they would
 (G) Final Shut-In Pulled Tool Sampler _____ Be on Bank 12:15 They
 (H) Final Hydrostatic 1307 Straddle _____ waited on Bank and Lighting
 Ruined Shale Packer _____
 Ruined Packer Top Packer 320
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In Pull Tool Day Standby _____
 Accessibility _____
 Sub Total 1074 Total 1394.00
 MP/DST Disc't _____

Approved By _____ Our Representative Paul Schei
 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. 60430

Well Name & No. Sean #1-2 Test No. 2 Date 8-26-2014
 Company American Warrior Inc Elevation 1784 KB 1726 GL
 Address 3118 Cummings RD Garden City KS 67846 / PO Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice State KS

Interval Tested 2833 - 2872 Zone Tested hanging A-B
 Anchor Length 39 Drill Pipe Run 2844 Mud Wt. 9.1
 Top Packer Depth 2828 Drill Collars Run - Vis 41
 Bottom Packer Depth 2833 Wt. Pipe Run - WL 10
 Total Depth 2872 Chlorides 3,000 ppm System LCM 0

Blow Description IFP - Strong Blow Built Bottom of Bucket in 5 minutes
ISIP - NO Blow Back
FFP - Fair Blow Built Bottom of Bucket in 25 minutes
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>Mud</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 80 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1381 Test 1150 T-On Location 7:15 pm
 (B) First Initial Flow 135 Jars _____ T-Started 8:30 pm
 (C) First Final Flow 68 Safety Joint _____ T-Open 5:25 pm
 (D) Initial Shut-In 210 Circ Sub _____ T-Pulled 7:55 pm
 (E) Second Initial Flow 94 Hourly Standby _____ T-Out 9:23 pm
 (F) Second Final Flow 149 Mileage 80 Round trip 124 Comments _____
 (G) Final Shut-In 318 Sampler _____
 (H) Final Hydrostatic 1332 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1274.00
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1274.00

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. **60431**

Well Name & No. Jan #1-2 Test No. 3 Date 8-28-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 3118 Cummings RD Gordon City KS 67846 Po Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling R₂#8
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice State KS

Interval Tested 3151 - 3245 Zone Tested Conglomerate
 Anchor Length 94 Drill Pipe Run 3/60 Mud Wt. 9.3
 Top Packer Depth 3146 Drill Collars Run - Vis 54
 Bottom Packer Depth 3151 Wt. Pipe Run - WL 8.8
 Total Depth 3245 Chlorides 3,800 ppm System LCM

Blow Description IFP - Chased Tool 42 feet to Bottom BLOW DIED OFF
ISI - NO BLOW BACK
FFP - NO BLOW Flushed Tool fair Blow Bottom of Bucket in 16 minutes
FSEP - NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>OM W</u>	<u>5</u>	<u>35</u>	<u>10</u>	<u>10</u>
<u>240</u>	<u>60 cut WM</u>	<u>15</u>	<u>15</u>	<u>20</u>	<u>50</u>
<u>300</u>	<u>60 cut mud</u>	<u>5</u>	<u>10</u>	<u>85</u>	<u>85</u>

Rec Total 660 BHT 115 Gravity - API RW 2 @ 68 °F Chlorides 22,000 ppm

(A) Initial Hydrostatic 1551 Test 1150 T-On Location 11:30pm
 (B) First Initial Flow 128 Jars _____ T-Started 1:05AM
 (C) First Final Flow 542 Safety Joint _____ T-Open 2:17AM
 (D) Initial Shut-In 558 Circ Sub _____ T-Pulled 5:00AM
 (E) Second Initial Flow 207 Hourly Standby _____ T-Out 7:16AM
 (F) Second Final Flow 300 Mileage 80 RT Gordon City Comments Tool chased 42 feet
 (G) Final Shut-In 530 Sampler _____ 124 to Bottom - Flushed Tool
 (H) Final Hydrostatic 1476 Straddle _____ 2ud open
 Shale Packer _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 125
 Day Standby 1d 3.75h Total 1399
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1274

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. **60432**

4/10

Well Name & No. Jean #1-2 Test No. 4 Date 8-28-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 3118 Cummins RD Garden City KS 67846 / PO Box 389
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling R3 #8
 Location: Sec. 2 Twp. 18S Rge. 8W Co. Rice State KS

Interval Tested 3287-3295 Zone Tested Arbuckle
 Anchor Length 8 Drill Pipe Run 3287 Mud Wt. 8.9
 Top Packer Depth 3282 Drill Collars Run — Vis 4.8
 Bottom Packer Depth 3287 Wt. Pipe Run — WL 9.2
 Total Depth 3295 Chlorides 4,200 ppm System LCM

Blow Description IFP - Strong Blow Built Bottom of Bucket in 1 minute
TSIP - NO Blow Back
~~FFP - Strong Blow Built Bottom of Bucket in 1 minute~~
FSFP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Water</u>		<u>1</u>	<u>94</u>	<u>5</u>
<u>2280</u>	<u>Water</u>			<u>97</u>	<u>3</u>

Rec Total 2340 BHT _____ Gravity _____ API RW 1.2 @ 70 °F Chlorides 22,000 ppm

(A) Initial Hydrostatic 11637 Test 1150 T-On Location 5:00pm
 (B) First Initial Flow 3162 Jars _____ T-Started 5:15pm
 (C) First Final Flow 840 Safety Joint _____ T-Open 6:25pm
 (D) Initial Shut-In 1136 Circ Sub _____ T-Pulled 8:20pm
 (E) Second Initial Flow 664 Hourly Standby _____ T-Out 10:39pm
 (F) Second Final Flow 1113 Mileage 80RT Great Bend 124 Comments 60 on last shut in
 (G) Final Shut-In 1138 Sampler _____ Rig Hands unloading pipe
 (H) Final Hydrostatic 1548 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 20 Day Standby _____ Total 1274
 Final Flow 20 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1274

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.