



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Kevin Timson

Lee #3-20

20-25s-36w Kearny,KS

Start Date: 2017.03.08 @ 22:49:06

End Date: 2017.03.09 @ 07:11:36

Job Ticket #: 65669 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.14 @ 13:28:46



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Kevin Timson

20-25s-36w Kearny, KS

Lee #3-20

Job Ticket: 65669

DST#: 1

Test Start: 2017.03.08 @ 22:49:06

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:42:06
 Time Test Ended: 07:11:36
 Interval: **4260.00 ft (KB) To 4304.00 ft (KB) (TVD)**
 Total Depth: 4304.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3077.00 ft (KB)
 3065.00 ft (CF)
 KB to GR/CF: 12.00 ft

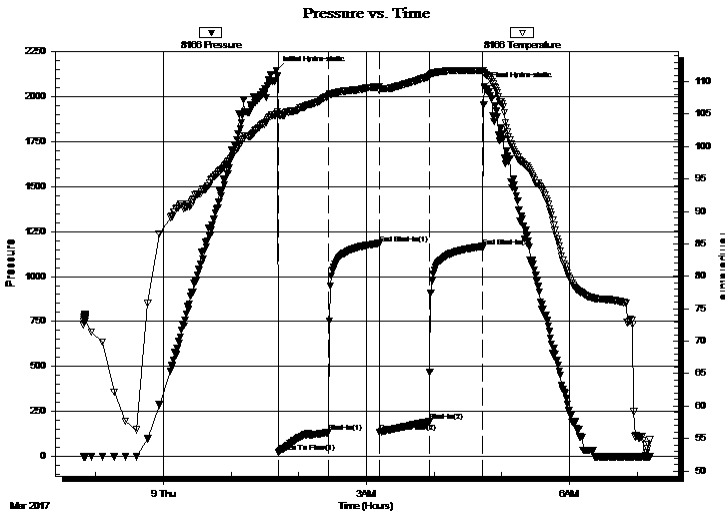
Serial #: 8166

Outside

Press@RunDepth: 192.80 psig @ 4261.00 ft (KB)
 Start Date: 2017.03.08 End Date: 2017.03.09
 Start Time: 22:49:11 End Time: 07:11:35
 Capacity: 8000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2017.03.09 @ 01:40:06
 Time Off Btm: 2017.03.09 @ 04:44:36

TEST COMMENT: IF: 1/4" blow built to 8"
 IS: No return.
 FF: Surface blow built to 7"
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2146.57	105.07	Initial Hydro-static
2	22.01	104.98	Open To Flow (1)
46	132.40	107.81	Shut-In(1)
91	1184.35	109.20	End Shut-In(1)
92	134.57	108.64	Open To Flow (2)
136	192.80	110.79	Shut-In(2)
183	1167.59	111.71	End Shut-In(2)
185	2057.54	111.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	mcw 80%w 20%m	1.82
155.00	w cm 40%w 60%m	2.17

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

20-25s-36w Kearny,KS

3118 Cummings Rd
Garden City, KS 67846

Lee #3-20

Job Ticket: 65669

DST#: 1

ATTN: Kevin Timson

Test Start: 2017.03.08 @ 22:49:06

Tool Information

Drill Pipe:	Length: 4056.00 ft	Diameter: 3.80 inches	Volume: 56.90 bbl	Tool Weight:	2000.00 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: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 57.80 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4260.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	44.00 ft				
Tool Length:	71.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4234.00	
Shut In Tool	5.00			4239.00	
Hydraulic tool	5.00			4244.00	
Jars	5.00			4249.00	
Safety Joint	2.00			4251.00	
Packer	5.00			4256.00	27.00 Bottom Of Top Packer
Packer	4.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.00	8875	Inside	4261.00	
Recorder	0.00	8166	Outside	4261.00	
Perforations	4.00			4265.00	
Change Over Sub	1.00			4266.00	
Drill Pipe	32.00			4298.00	
Change Over Sub	1.00			4299.00	
Bullnose	5.00			4304.00	44.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

20-25s-36w Kearny,KS

3118 Cummings Rd
Garden City, KS 67846

Lee #3-20

Job Ticket: 65669

DST#: 1

ATTN: Kevin Timson

Test Start: 2017.03.08 @ 22:49:06

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:

48000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
248.00	mcw 80%w 20%m	1.821
155.00	wcm 40%w 60%m	2.174

Total Length: 403.00 ft Total Volume: 3.995 bbl

Num Fluid Samples: 0

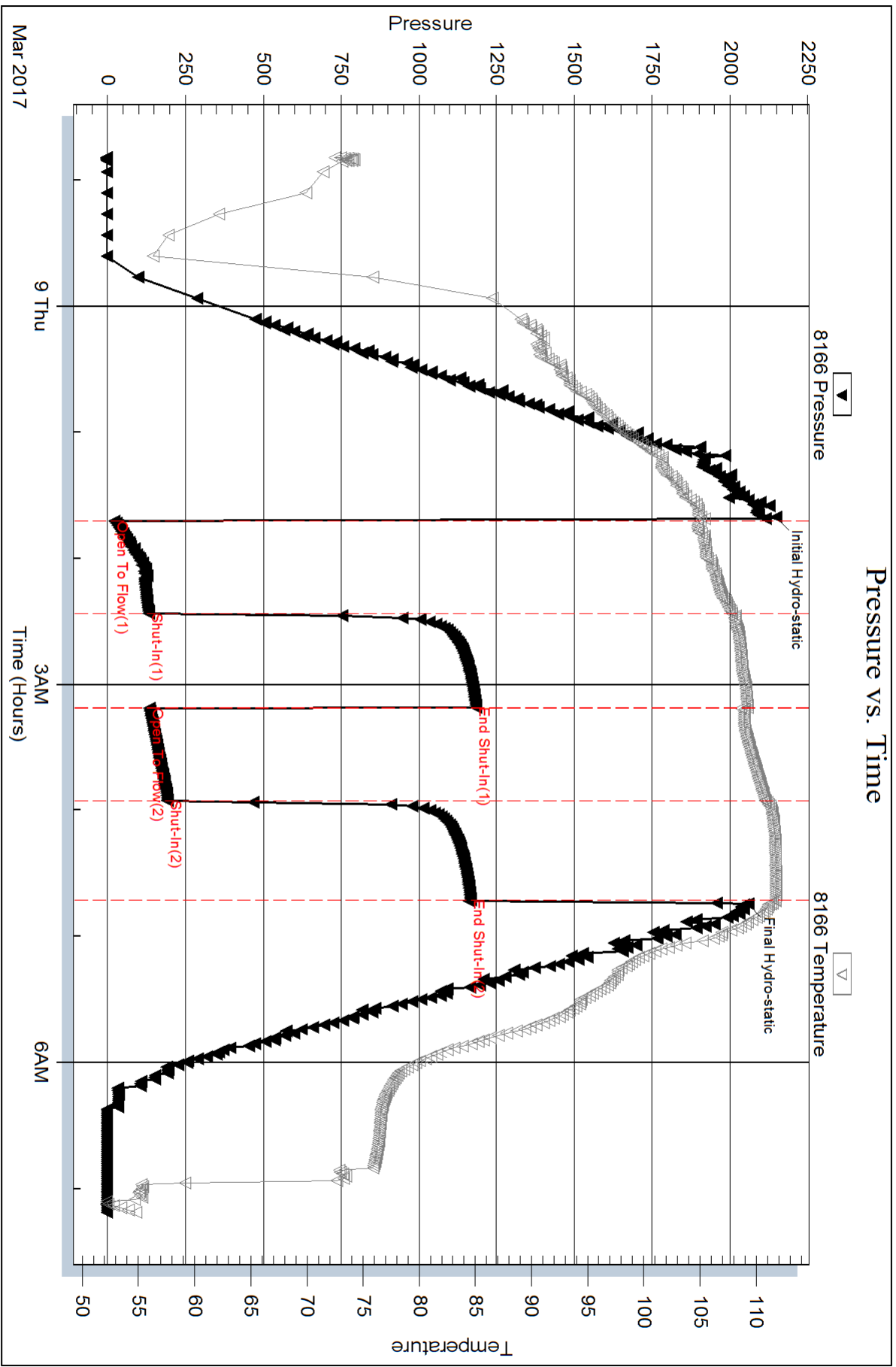
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .28@39=48000



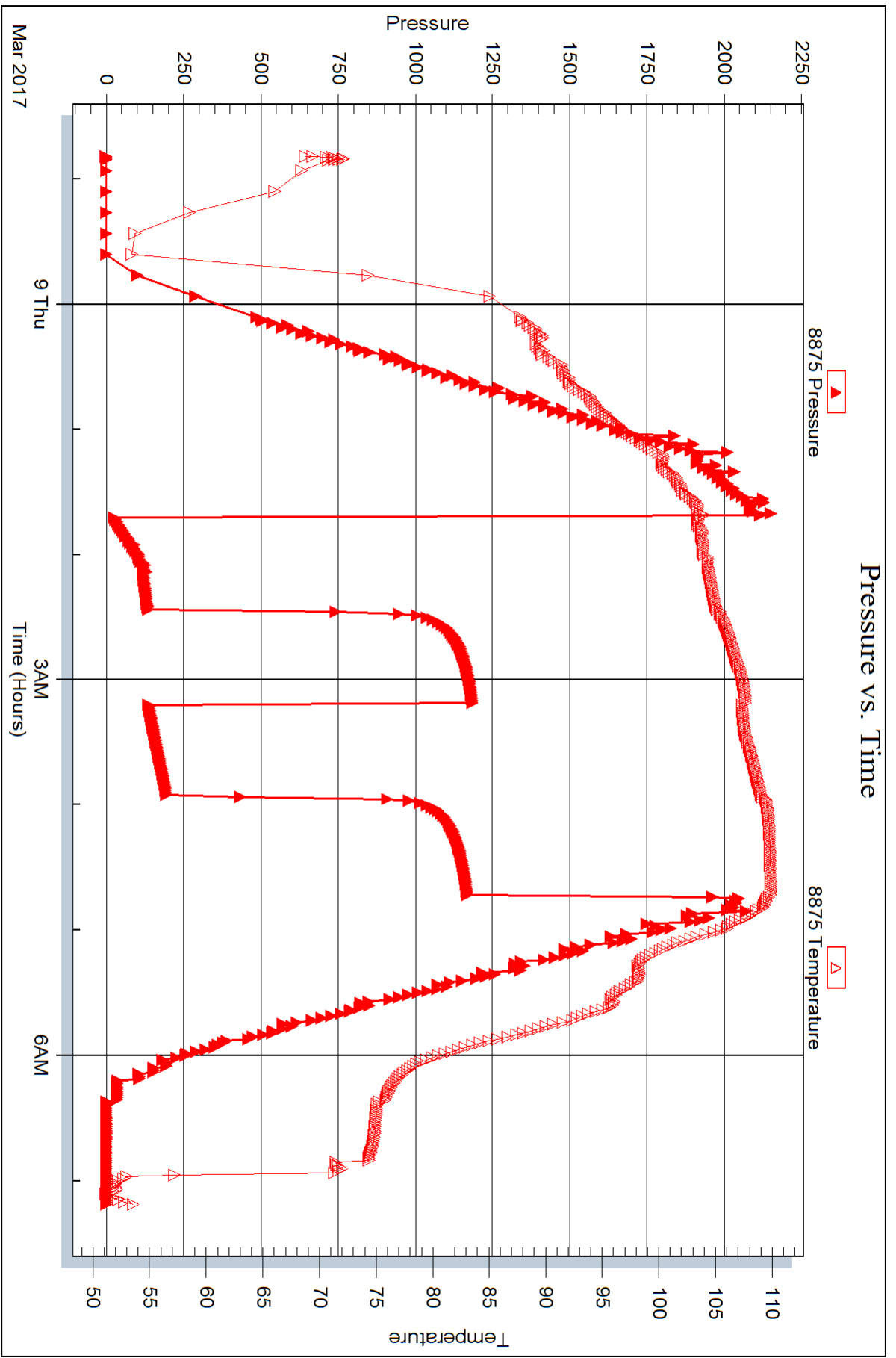
Serial #: 8875

Inside

American Warrior Inc

Lee #3-20

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65669

Printed: 2017.03.14 @ 13:28:47



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Kevin Timson

Lee #3-20

20-25s-36w Kearny,KS

Start Date: 2017.03.10 @ 18:34:57

End Date: 2017.03.11 @ 00:01:57

Job Ticket #: 65670 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.14 @ 13:20:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Kevin Timson

20-25s-36w Kearny, KS
Lee #3-20
 Job Ticket: 65670 **DST#: 2**
 Test Start: 2017.03.10 @ 18:34:57

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:28:57
 Time Test Ended: 00:01:57
 Interval: **4444.00 ft (KB) To 4534.00 ft (KB) (TVD)**
 Total Depth: 4534.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 3077.00 ft (KB)
 3065.00 ft (CF)
 KB to GR/CF: 12.00 ft

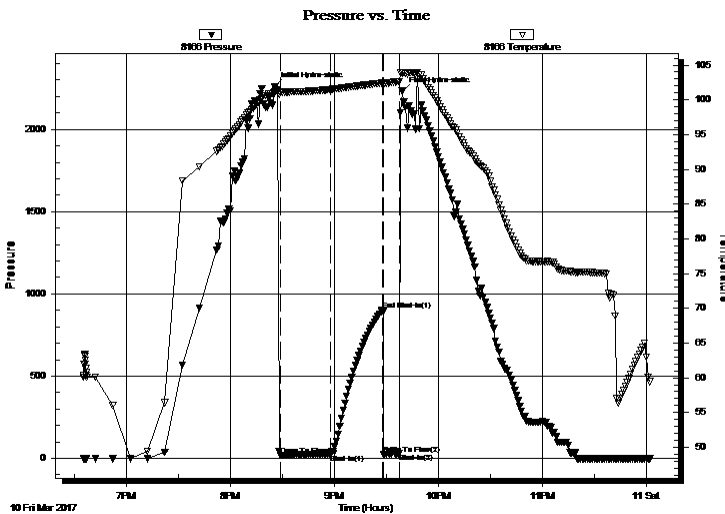
Serial #: 8166

Outside

Press@RunDepth: 24.38 psig @ 4445.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.03.10 End Date: 2017.03.11 Last Calib.: 2017.03.11
 Start Time: 18:35:02 End Time: 00:01:56 Time On Btm: 2017.03.10 @ 20:25:27
 Time Off Btm: 2017.03.10 @ 21:38:57

TEST COMMENT: IF: 1/4" blow died in 11 min.
 IS: No return.
 FF: No blow.
 FS: Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2258.87	101.23	Initial Hydro-static
4	18.49	101.04	Open To Flow (1)
32	24.38	101.48	Shut-In(1)
62	899.52	102.42	End Shut-In(1)
63	26.19	102.27	Open To Flow (2)
72	31.66	102.66	Shut-In(2)
74	2231.85	103.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Kevin Timson

20-25s-36w Kearny,KS
Lee #3-20
Job Ticket: 65670 **DST#: 2**
Test Start: 2017.03.10 @ 18:34:57

Tool Information

Drill Pipe:	Length: 4247.00 ft	Diameter: 3.80 inches	Volume: 59.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4444.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4418.00	
Shut In Tool	5.00			4423.00	
Hydraulic tool	5.00			4428.00	
Jars	5.00			4433.00	
Safety Joint	2.00			4435.00	
Packer	5.00			4440.00	27.00 Bottom Of Top Packer
Packer	4.00			4444.00	
Stubb	1.00			4445.00	
Recorder	0.00	8875	Inside	4445.00	
Recorder	0.00	8166	Outside	4445.00	
Perforations	19.00			4464.00	
Change Over Sub	1.00			4465.00	
Drill Pipe	63.00			4528.00	
Change Over Sub	1.00			4529.00	
Bullnose	5.00			4534.00	90.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

20-25s-36w Kearny,KS

3118 Cummings Rd
Garden City, KS 67846

Lee #3-20

Job Ticket: 65670

DST#: 2

ATTN: Kevin Timson

Test Start: 2017.03.10 @ 18:34:57

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: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

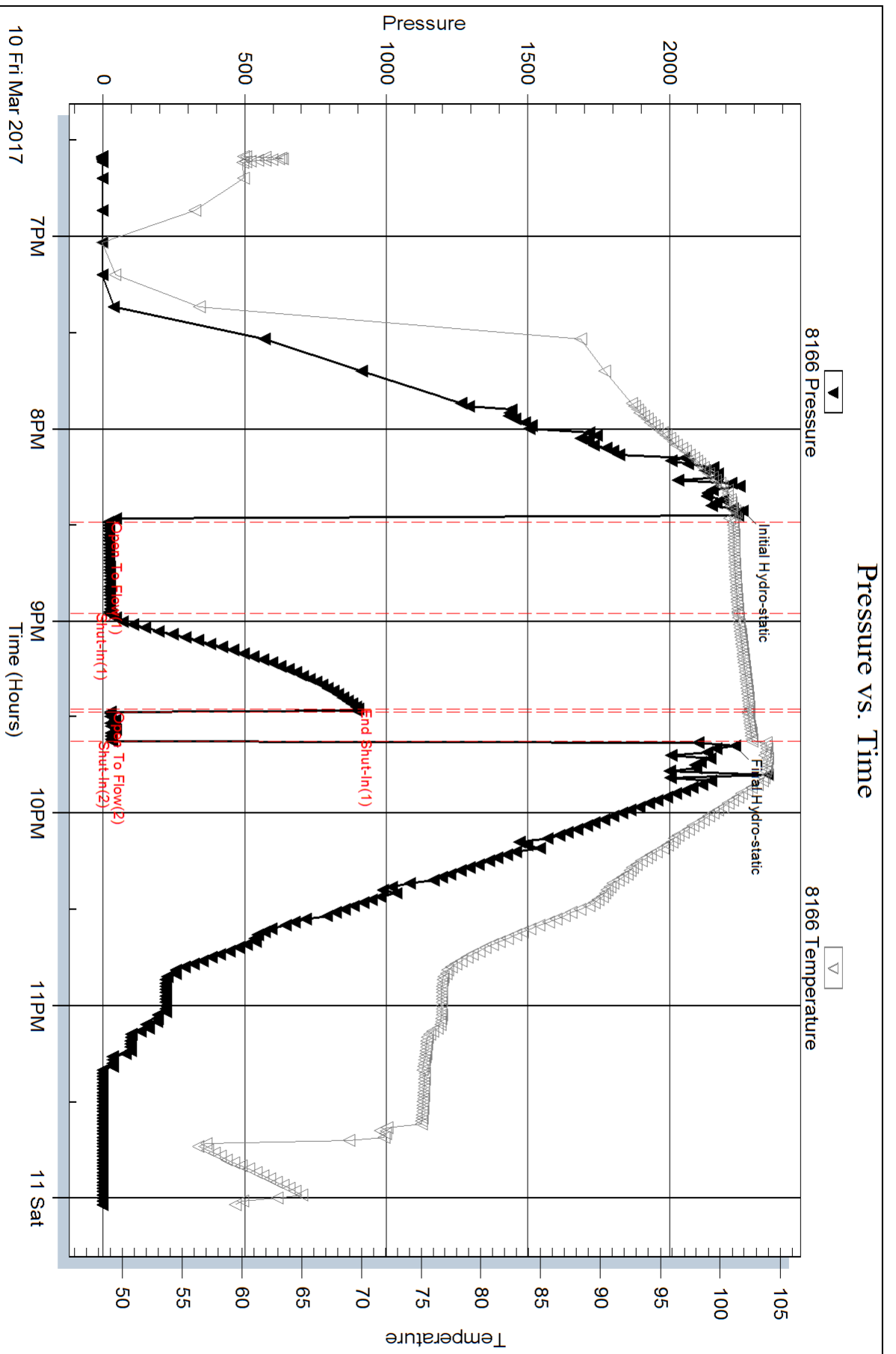
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



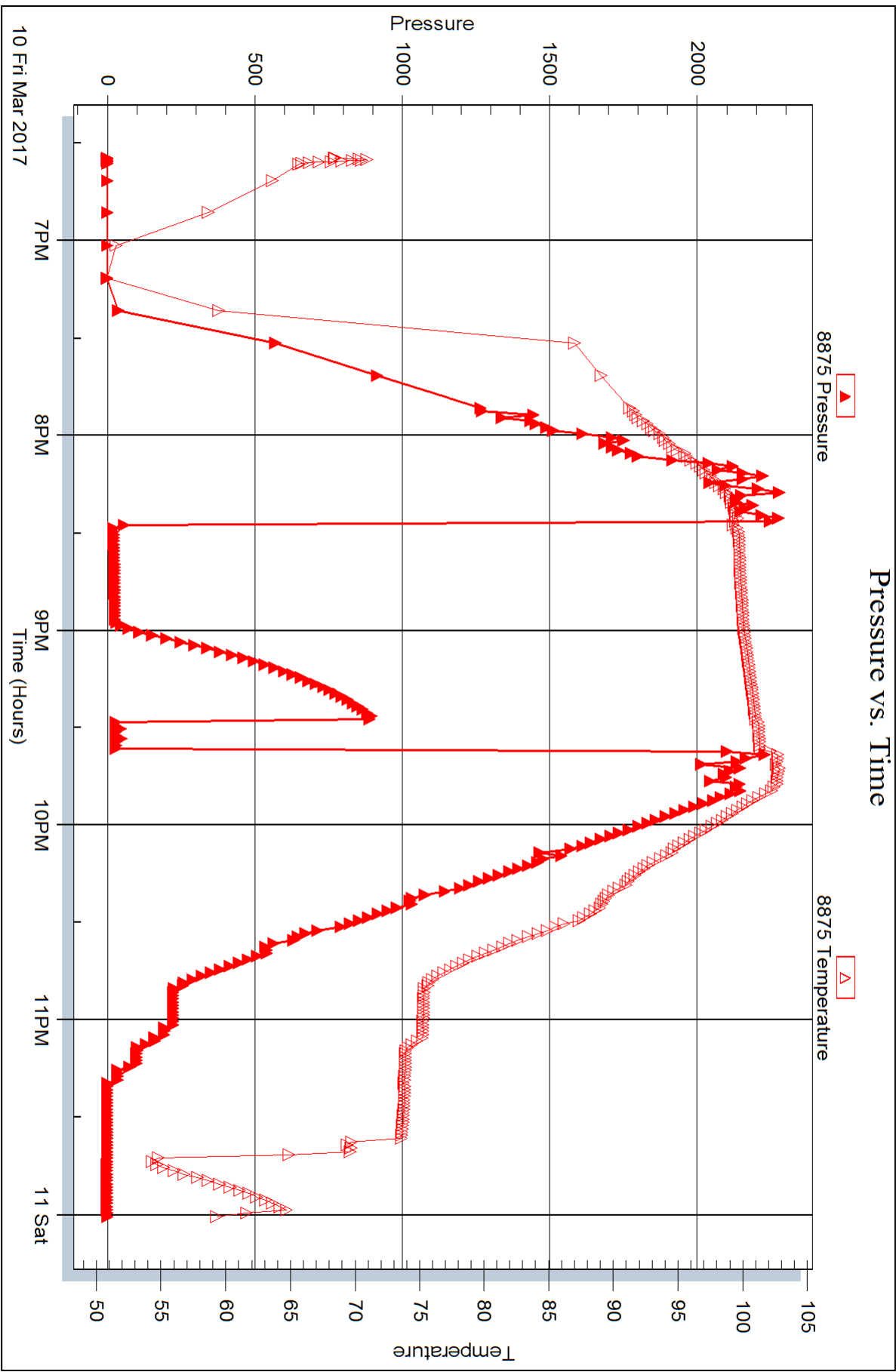
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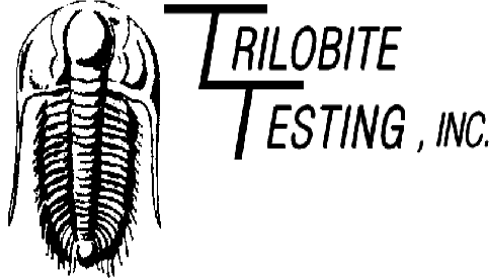
Inside

American Warrior Inc

Lee #3-20

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Kevin Timson

Lee #3-20

20-25s-36w Kearny,KS

Start Date: 2017.03.12 @ 09:59:38

End Date: 2017.03.12 @ 15:26:38

Job Ticket #: 65671 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.14 @ 13:16:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Kevin Timson

20-25s-36w Kearny, KS

Lee #3-20

Job Ticket: 65671

DST#: 3

Test Start: 2017.03.12 @ 09:59:38

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:17:38

Time Test Ended: 15:26:38

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4672.00 ft (KB) To 4832.00 ft (KB) (TVD)

Reference Elevations: 3077.00 ft (KB)

Total Depth: 4832.00 ft (KB) (TVD)

3065.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8166 Outside

Press@RunDepth: 166.34 psig @ 4673.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.12

End Date:

2017.03.12

Last Calib.: 2017.03.12

Start Time: 09:59:43

End Time:

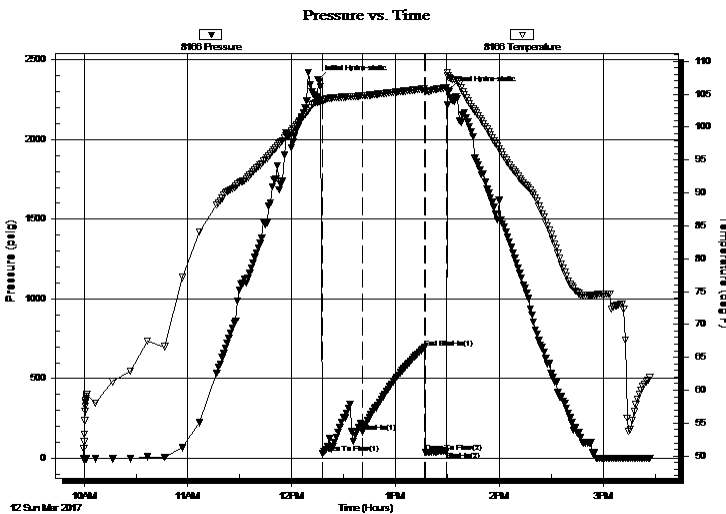
15:26:37

Time On Btm: 2017.03.12 @ 12:15:08

Time Off Btm: 2017.03.12 @ 13:30:08

TEST COMMENT: IF: 1/2" blow built to 1" and died in 21 min.
IS: No return.
FF: No blow.
FS: Pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2374.06	103.86	Initial Hydro-static
3	29.06	103.82	Open To Flow (1)
26	166.34	104.74	Shut-In(1)
62	694.90	105.81	End Shut-In(1)
62	39.84	105.39	Open To Flow (2)
74	44.38	106.00	Shut-In(2)
75	2305.79	107.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Kevin Timson

20-25s-36w Kearny,KS
Lee #3-20
Job Ticket: 65671 **DST#: 3**
Test Start: 2017.03.12 @ 09:59:38

Tool Information

Drill Pipe:	Length: 4472.00 ft	Diameter: 3.80 inches	Volume: 62.73 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 63.63 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	73000.00 lb
Depth to Top Packer:	4672.00 ft			Final	73000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	160.00 ft				
Tool Length:	187.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Stubb	1.00			4646.00	
Shut In Tool	5.00			4651.00	
Hydraulic tool	5.00			4656.00	
Jars	5.00			4661.00	
Safety Joint	2.00			4663.00	
Packer	5.00			4668.00	27.00 Bottom Of Top Packer
Packer	4.00			4672.00	
Stubb	1.00			4673.00	
Recorder	0.00	8875	Inside	4673.00	
Recorder	0.00	8166	Outside	4673.00	
Perforations	28.00			4701.00	
Change Over Sub	1.00			4702.00	
Drill Pipe	124.00			4826.00	
Change Over Sub	1.00			4827.00	
Bullnose	5.00			4832.00	160.00 Bottom Packers & Anchor

Total Tool Length: 187.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

20-25s-36w Kearny,KS

3118 Cummings Rd
Garden City, KS 67846

Lee #3-20

Job Ticket: 65671

DST#: 3

ATTN: Kevin Timson

Test Start: 2017.03.12 @ 09:59:38

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

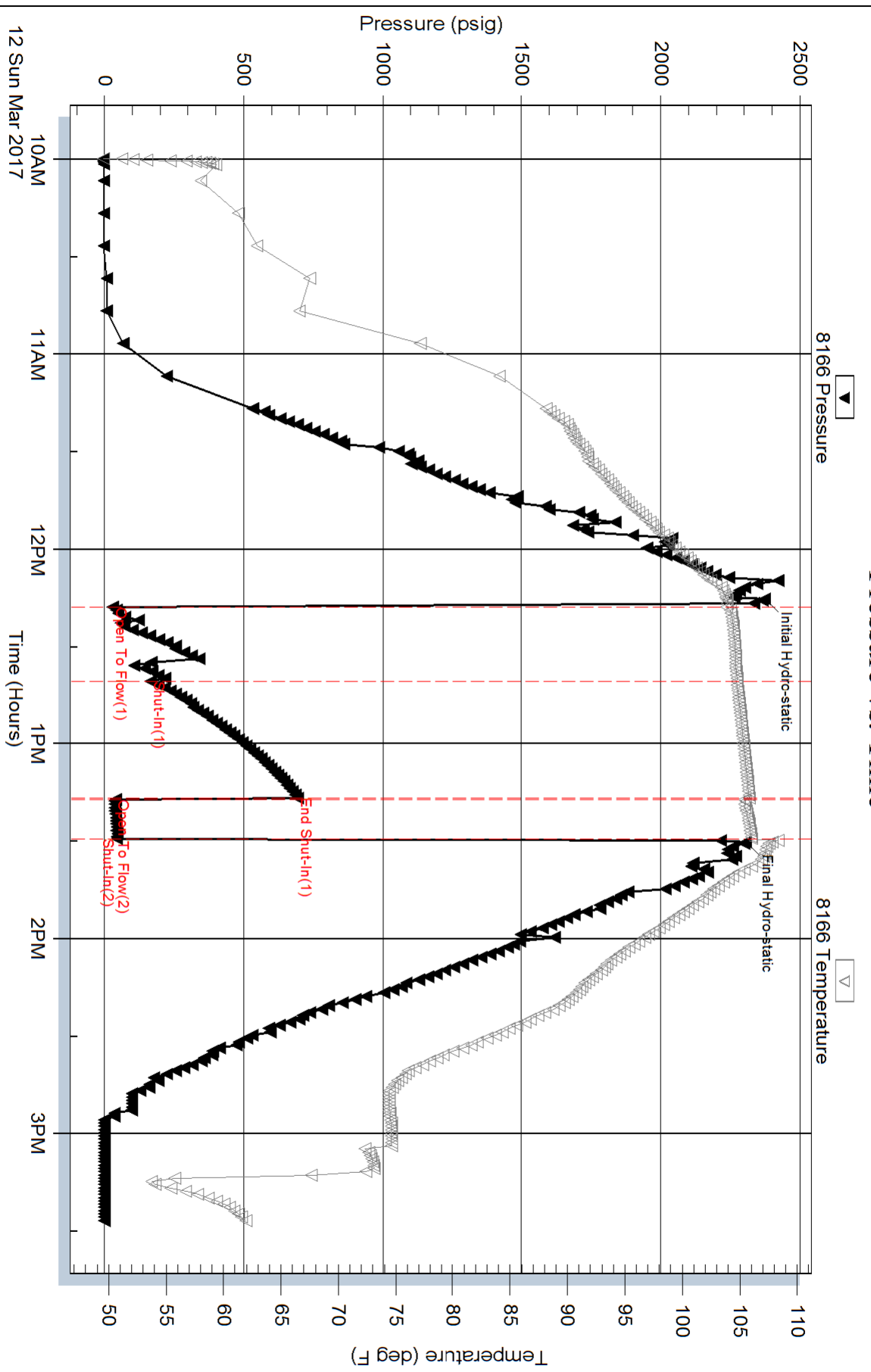
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



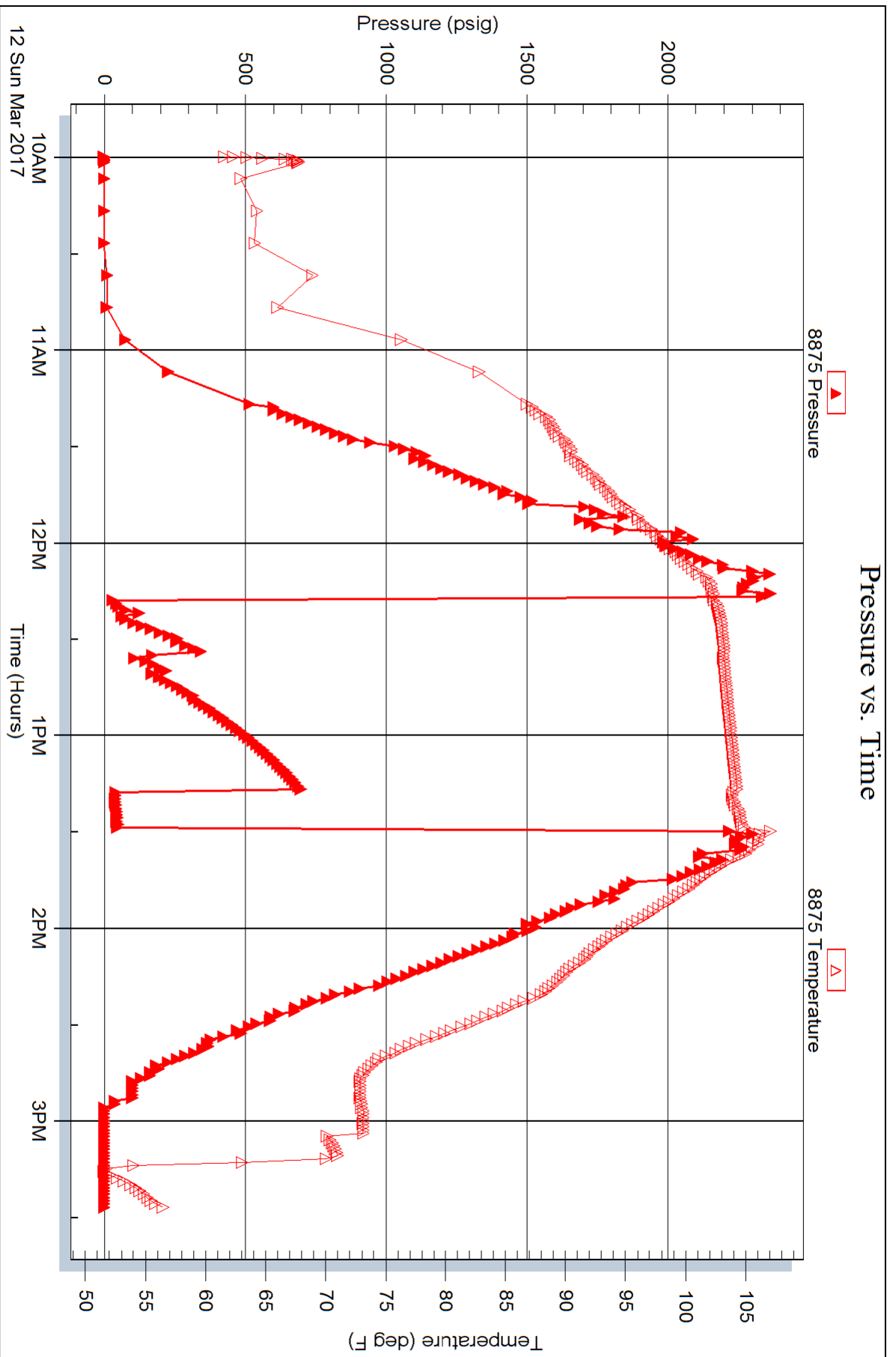
Serial #: 8875

Inside

American Warrior Inc

Lee #3-20

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 65671

Printed: 2017.03.14 @ 13:16:12



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65669**

Well Name & No. Lee 3-20 Test No. 1 Date 3-8-17
 Company American Warrior #NC Elevation 3077 KB 3065 GL
 Address 3118 Cummings Rd Garden city, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke 7
 Location: Sec. 20 Twp. 25 Rge. 36 Co. KEARNY State KS

Interval Tested 4260 4304 Zone Tested Marmaton
 Anchor Length 44 Drill Pipe Run 4056 Mud Wt. 9.2
 Top Packer Depth 4255 Drill Collars Run 182 Vis 54
 Bottom Packer Depth 4260 Wt. Pipe Run WL 712
 Total Depth 4304 Chlorides 1500 ppm System LCM 3

Blow Description IF: 1/4 blow built to 8.
IS: No return.
FF: surface blow built to 7.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>155</u>	<u>WCM</u>		<u>40</u>	<u>60</u>	
<u>248</u>	<u>MCW</u>		<u>80</u>	<u>20</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 403 BHT 111 Gravity API RW .28 @ 39 °F Chlorides 48,000 ppm

(A) Initial Hydrostatic 2146 Test 1150
 (B) First Initial Flow 22 Jars 250
 (C) First Final Flow 132 Safety Joint 75
 (D) Initial Shut-In 1184 Circ Sub NIL
 (E) Second Initial Flow 134 Hourly Standby
 (F) Second Final Flow 192 Mileage 138 103.50
 (G) Final Shut-In 1167 Sampler
 (H) Final Hydrostatic 2057 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1578.50

T-On Location 21:30
 T-Started 22:49
 T-Open 1:42
 T-Pulled 4:42
 T-Out 7:10
 Comments
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1578.50
 MP/DST Disc't

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

Approved By Our Representative

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65670**

Well Name & No. Lec 3-20 Test No. 2 Date 3-10-17
 Company American Warrior Inc Elevation 3077 KB 3055 GL
 Address _____
 Co. Rep / Geo. Kevin Timson Rig Duke 7
 Location: Sec. 26 Twp. 25 Rge. 36 Co. Kerny State MS

Interval Tested 4444 4534 Zone Tested Cherokee
 Anchor Length 90 Drill Pipe Run 4247 Mud Wt. 9.4
 Top Packer Depth 4439 Drill Collars Run 182 Vis 59
 Bottom Packer Depth 4444 Wt. Pipe Run — WL 9.2
 Total Depth 4534 Chlorides 2000 ppm System LCM 3
 Blow Description IF: 1/4 blow Bird 11 min
IS: No return.
FF: No blow.
FS: Pulled tool.

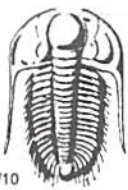
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 103 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2258</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>18:15</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>18:34</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:25</u>
(D) Initial Shut-In <u>899</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>21:35</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>00:01</u>
(F) Second Final Flow <u>31</u>	<input checked="" type="checkbox"/> Mileage <u>138</u> 103.50	Comments _____
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2231</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input 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>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>pull</u>	<input type="checkbox"/> Day Standby	Total <u>1578.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1578.50</u>	

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. **65671**

Well Name & No. Lee 3-20 Test No. 3 Date 3-12-17
 Company American warrior INC Elevation 3077 KB 3065 GL
 Address _____
 Co. Rep / Geo. Kevin Timson Rig Duke 7
 Location: Sec. 20 Twp. 25 Rge. 36 Co. Kearny State KS

Interval Tested 4672 4832 Zone Tested Morrow
 Anchor Length 160 Drill Pipe Run 4472 Mud Wt. 9.4
 Top Packer Depth 4667 Drill Collars Run 182 Vis 58
 Bottom Packer Depth 4672 Wt. Pipe Run _____ WL 7.2
 Total Depth 4832 Chlorides 2300 ppm System LCM 3

Blow Description IF: 1/2 blow built to 1 inch died in 21 min.
IS: No return.
FF: NO blow.
FS: Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 106 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2374</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>9:30</u>
(B) First Initial Flow <u>29</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>9:59</u>
(C) First Final Flow <u>166</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:15</u>
(D) Initial Shut-In <u>694</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>13:25</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>15:27</u>
(F) Second Final Flow <u>44</u>	<input checked="" type="checkbox"/> Mileage <u>138-X2</u> 207	Comments <u>10+dob 44 12:30</u>
(G) Final Shut-In _____	<input type="checkbox"/> Sampler _____	<u>3-14-17</u>
(H) Final Hydrostatic <u>2305</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input 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>10</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>Pull</u>	<input type="checkbox"/> Day Standby _____	Total <u>1682</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1682</u>	

Approved By _____ Our Representative

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