



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.10.31 @ 04:04:00

End Date: 2014.10.31 @ 10:01:24

Job Ticket #: 58703 DST #: 1

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

Printed: 2014.11.05 @ 15:30:41



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58703

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 04:04:00

GENERAL INFORMATION:

Formation: **Marmanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:25:55

Time Test Ended: 10:01:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 71

Interval: 4276.00 ft (KB) To 4340.00 ft (KB) (TVD)

Reference Elevations: 2592.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

2581.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674 Inside

Press@RunDepth: 72.35 psig @ 4277.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.31

End Date:

2014.10.31

Last Calib.: 2014.10.31

Start Time: 04:04:00

End Time:

10:01:24

Time On Btm: 2014.10.31 @ 06:25:40

Time Off Btm: 2014.10.31 @ 07:40:40

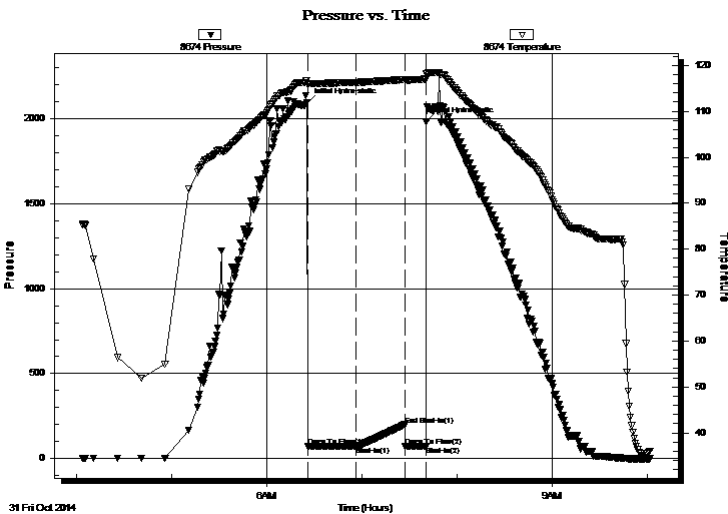
TEST COMMENT: IF- Weak Surface Blow 1/2"

IS- No Blow

FF- No Blow

FS- Pulled it

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.16	116.69	Initial Hydro-static
1	70.13	115.79	Open To Flow (1)
31	72.35	116.29	Shut-In(1)
62	198.32	116.89	End Shut-In(1)
62	72.45	116.82	Open To Flow (2)
75	73.67	117.00	Shut-In(2)
75	1983.39	118.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4.00	100%m	0.02
60.00	WCM 2%w 98%m	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58703

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 04:04:00

Tool Information

Drill Pipe:	Length: 4018.00 ft	Diameter: 3.80 inches	Volume: 56.36 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 57.58 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4276.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	64.00 ft				
Tool Length:	91.00 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			4250.00	
Shut In Tool	5.00			4255.00	
Hydraulic tool	5.00			4260.00	
Jars	5.00			4265.00	
Safety Joint	2.00			4267.00	
Packer	5.00			4272.00	27.00 Bottom Of Top Packer
Packer	4.00			4276.00	
Stubb	1.00			4277.00	
Recorder	0.00	8355	Outside	4277.00	
Recorder	0.00	8674	Inside	4277.00	
Perforations	24.00			4301.00	
Change Over Sub	1.00			4302.00	
Drill Pipe	32.00			4334.00	
Change Over Sub	1.00			4335.00	
Bullnose	5.00			4340.00	64.00 Bottom Packers & Anchor

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58703

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 04:04:00

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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4.00	100%m	0.020
60.00	WCM 2%w 98%m	0.295

Total Length: 64.00 ft Total Volume: 0.315 bbl

Num Fluid Samples: 0

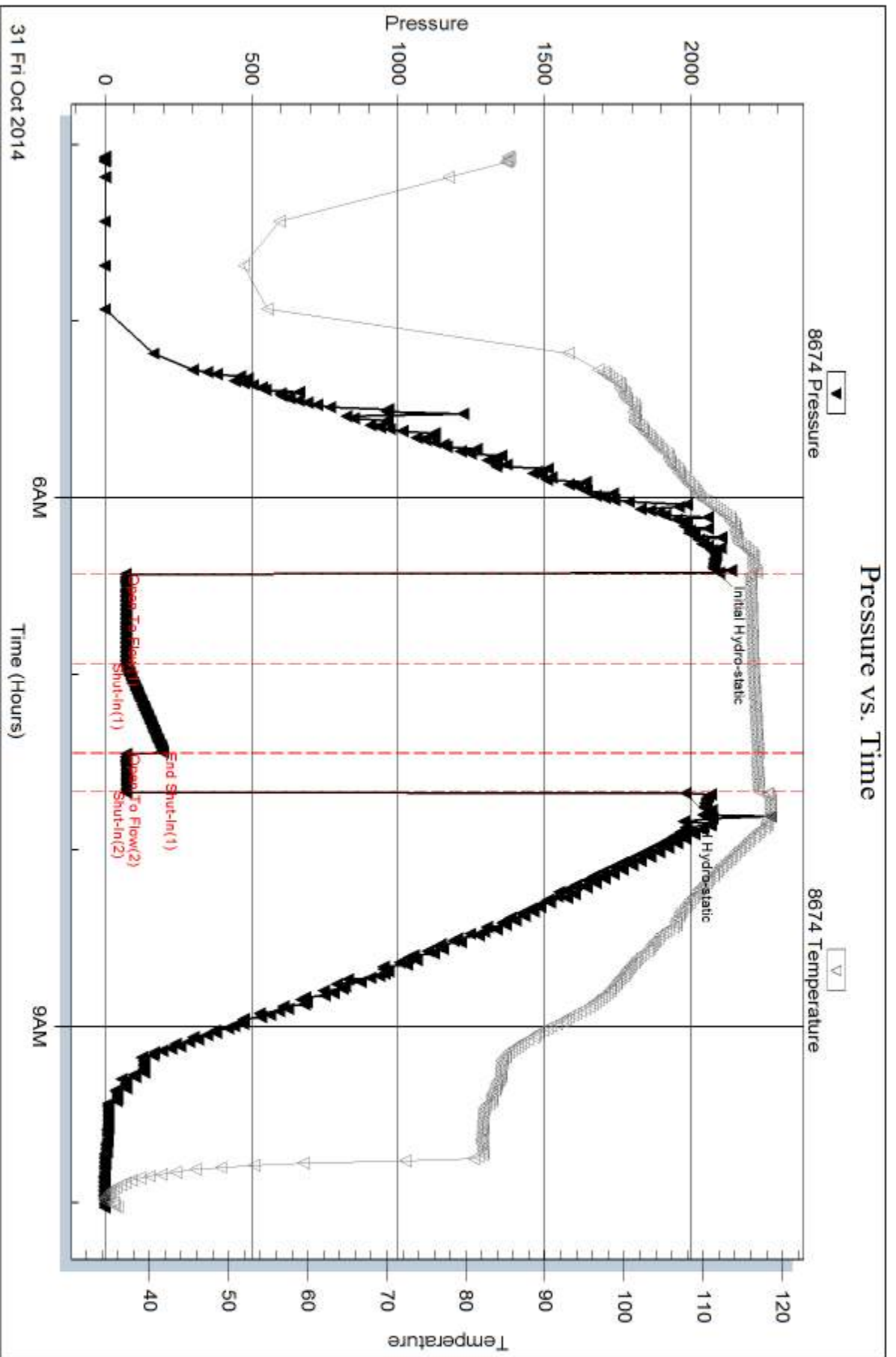
Num Gas Bombs: 0

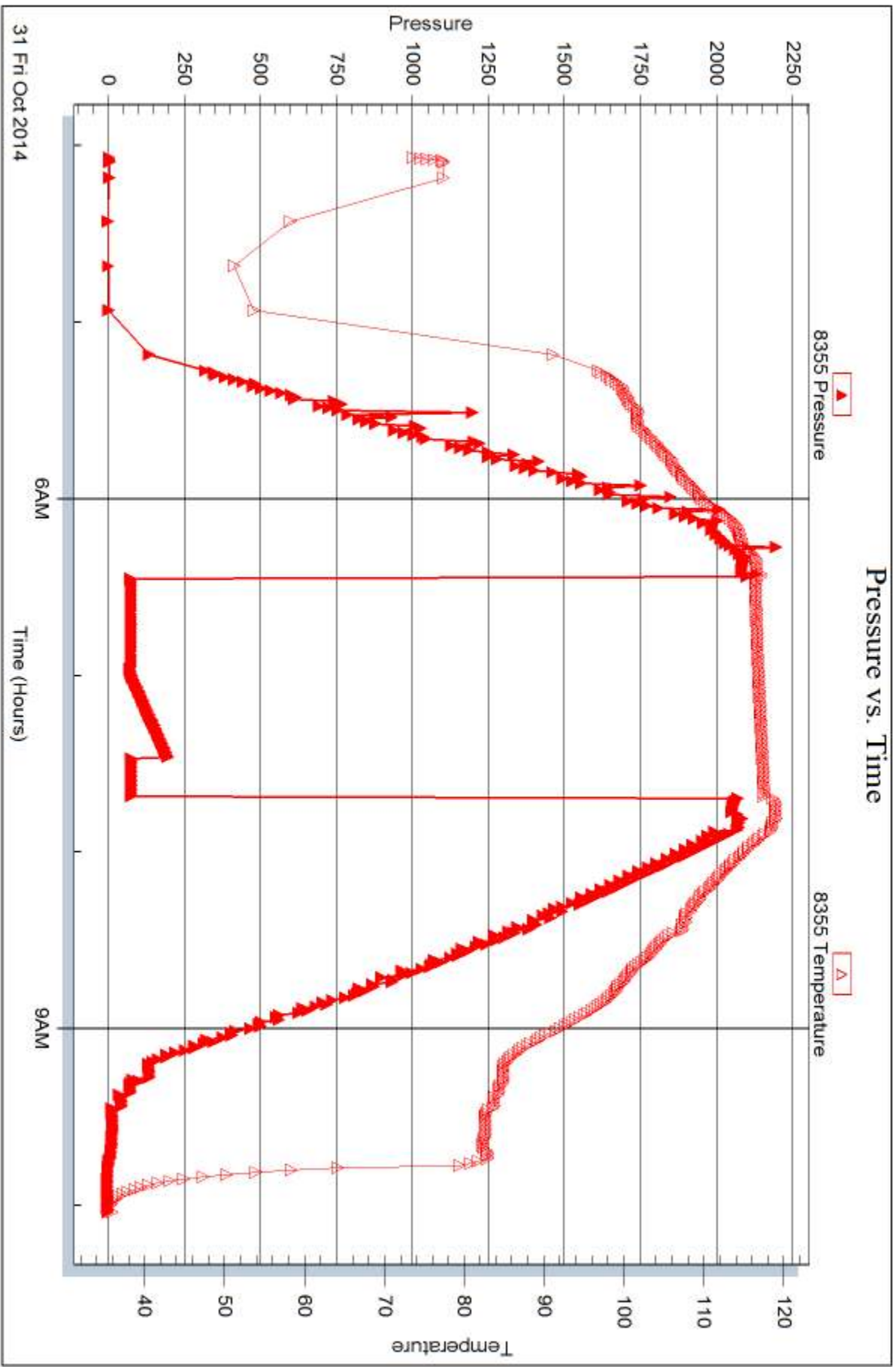
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.10.31 @ 18:32:00

End Date: 2014.11.01 @ 00:56:54

Job Ticket #: 58704 DST #: 2

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

Printed: 2014.11.05 @ 15:29:55



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
P.O Box 399
Garden City KS. 67846
ATTN: Luke Thompson

8-18s-26w Ness,KS

Whipple D #1-8

Job Ticket: 58704

DST#: 2

Test Start: 2014.10.31 @ 18:32:00

GENERAL INFORMATION:

Formation: **Marmanton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:46:25

Time Test Ended: 00:56:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 71

Interval: 4333.00 ft (KB) To 4357.00 ft (KB) (TVD)

Reference Elevations: 2592.00 ft (KB)

Total Depth: 4357.00 ft (KB) (TVD)

2581.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8674

Inside

Press@RunDepth: 17.36 psig @ 4334.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.31

End Date:

2014.11.01

Last Calib.: 2014.11.01

Start Time: 18:32:00

End Time:

00:56:54

Time On Btm: 2014.10.31 @ 20:46:10

Time Off Btm: 2014.10.31 @ 22:20:55

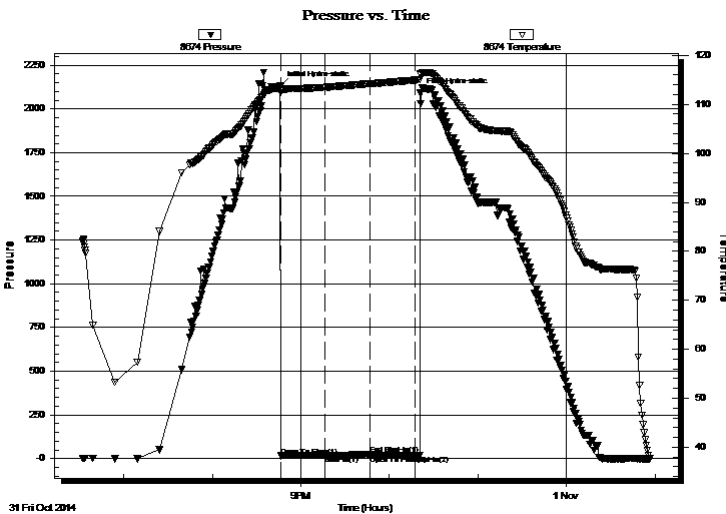
TEST COMMENT: IF- Weak Surface 1/4"

IS- No Blow

FF- No Blow

FS- Pulled it

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.37	113.69	Initial Hydro-static
1	15.87	112.35	Open To Flow (1)
31	17.36	113.50	Shut-In(1)
61	23.90	114.24	End Shut-In(1)
61	17.60	114.24	Open To Flow (2)
92	17.72	114.97	Shut-In(2)
95	2093.19	116.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	100% mud	0.01

* 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

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58704

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 18:32:00

Tool Information

Drill Pipe:	Length: 4081.00 ft	Diameter: 3.80 inches	Volume: 57.25 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: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	14000.00 lb
			<u>Total Volume: 58.47 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4333.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	51.00 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			4307.00	
Shut In Tool	5.00			4312.00	
Hydraulic tool	5.00			4317.00	
Jars	5.00			4322.00	
Safety Joint	2.00			4324.00	
Packer	5.00			4329.00	27.00 Bottom Of Top Packer
Packer	4.00			4333.00	
Stubb	1.00			4334.00	
Recorder	0.00	8355	Outside	4334.00	
Recorder	0.00	8674	Inside	4334.00	
Perforations	18.00			4352.00	
Bullnose	5.00			4357.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58704

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.31 @ 18:32:00

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	100%mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

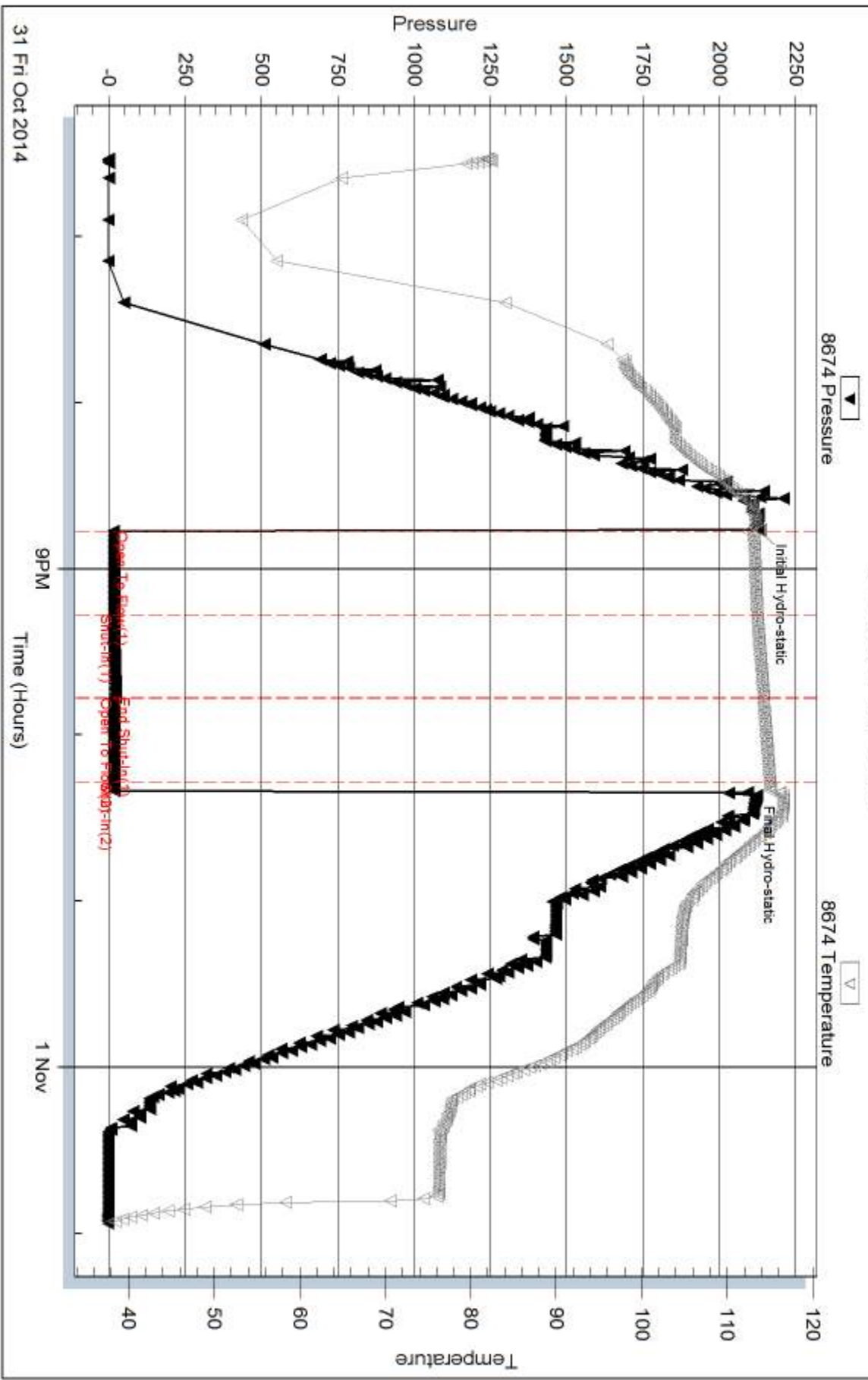
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

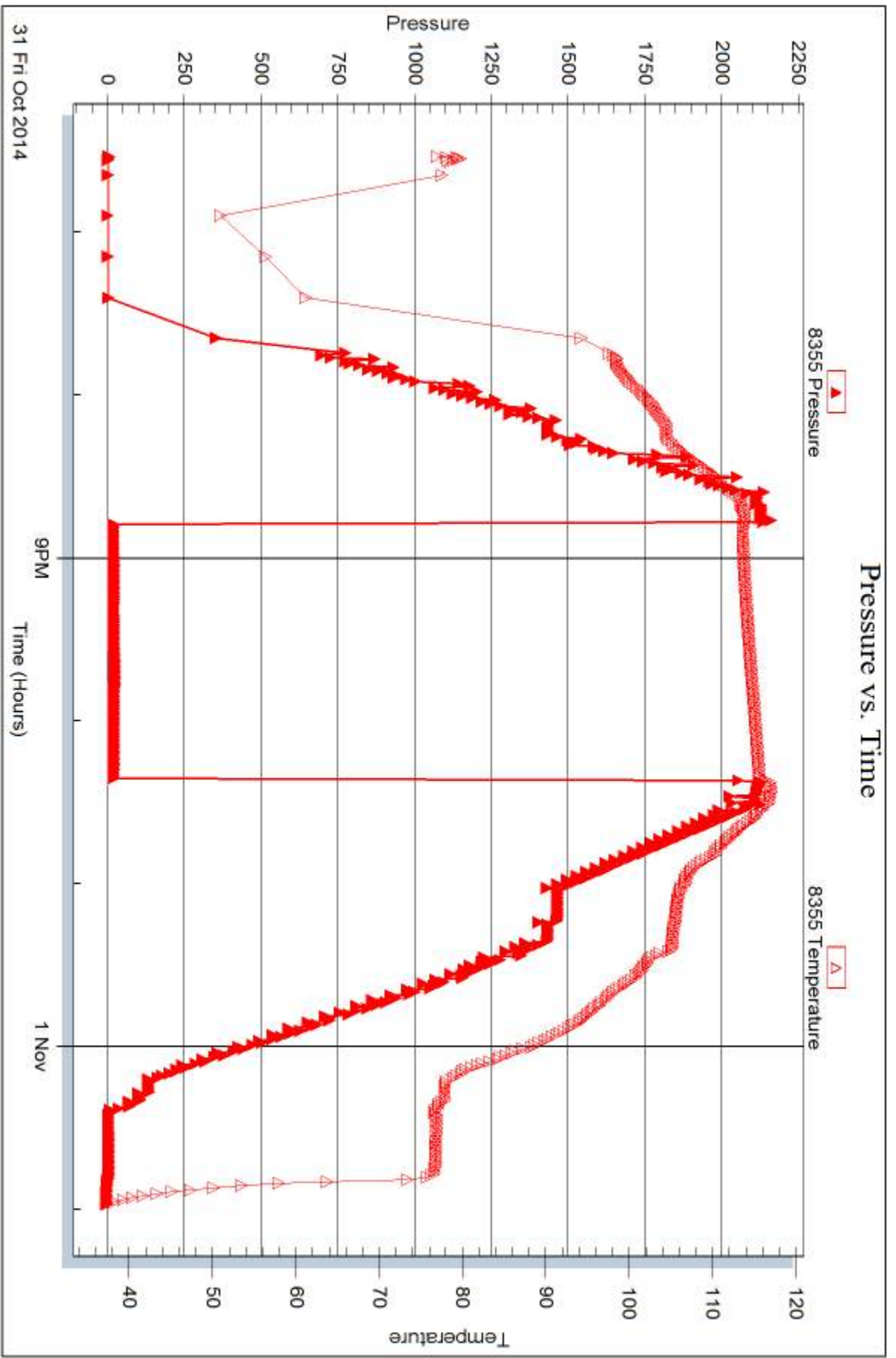


Serial #: 8355

Outside American Warrior Inc

Whipple D #1-8

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58704

Printed: 2014, 11, 05 @ 15:29:56



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

P.O Box 399
Garden City KS. 67846

ATTN: Luke Thompson

Whipple D #1-8

8-18s-26w Ness,KS

Start Date: 2014.11.02 @ 02:26:00

End Date: 2014.11.02 @ 11:31:40

Job Ticket #: 58705 DST #: 3

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

Printed: 2014.11.05 @ 15:29:24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 P.O Box 399
 Garden City KS. 67846
 ATTN: Luke Thompson

8-18s-26w Ness,KS
Whipple D #1-8
 Job Ticket: 58705 **DST#: 3**
 Test Start: 2014.11.02 @ 02:26:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 04:59:10 Tester: Will MacLean
 Time Test Ended: 11:31:40 Unit No: 71
 Interval: **4486.00 ft (KB) To 4566.00 ft (KB) (TVD)** Reference Elevations: 2592.00 ft (KB)
 Total Depth: 4566.00 ft (KB) (TVD) 2581.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

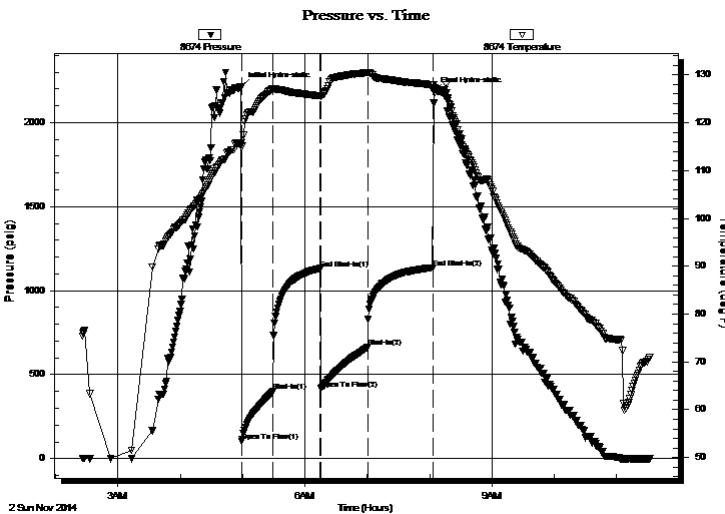
Serial #: 8674

Inside

Press@RunDepth: 663.32 psig @ 4487.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.02 End Date: 2014.11.02 Last Calib.: 2014.11.02
 Start Time: 02:26:00 End Time: 11:31:40 Time On Btm: 2014.11.02 @ 04:58:40
 Time Off Btm: 2014.11.02 @ 08:03:54

TEST COMMENT: IF- Surface Blow Built to BOB in 3 3/4 min
 IS- No Blow
 FF- Surface Blow Built to BOB in 5 min
 FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2216.11	115.76	Initial Hydro-static
1	102.81	114.88	Open To Flow (1)
31	399.18	127.09	Shut-In(1)
76	1131.73	125.61	End Shut-In(1)
77	416.18	125.49	Open To Flow (2)
122	663.32	130.49	Shut-In(2)
185	1136.94	127.93	End Shut-In(2)
186	2186.49	127.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
564.00	GMCW 2%g 14%m 84%w	5.64
315.00	GWCM 3%g 46%w 51%m w ith Oil Sp	4.42
189.00	GWCM 5%g 19%w 76%m w ith a Skim of	2.65
365.00	GWCM 3%g 8%w 89%m w ith Skim of Oi	5.12

* 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

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58705

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.11.02 @ 02:26:00

Tool Information

Drill Pipe:	Length: 4238.00 ft	Diameter: 3.80 inches	Volume: 59.45 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:	28000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	8000.00 lb
			<u>Total Volume: 60.67 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4486.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	107.00 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			4460.00	
Shut In Tool	5.00			4465.00	
Hydraulic tool	5.00			4470.00	
Jars	5.00			4475.00	
Safety Joint	2.00			4477.00	
Packer	5.00			4482.00	27.00 Bottom Of Top Packer
Packer	4.00			4486.00	
Stubb	1.00			4487.00	
Recorder	0.00	8355	Outside	4487.00	
Recorder	0.00	8674	Inside	4487.00	
Perforations	9.00			4496.00	
Change Over Sub	1.00			4497.00	
Drill Pipe	63.00			4560.00	
Change Over Sub	1.00			4561.00	
Bullnose	5.00			4566.00	80.00 Bottom Packers & Anchor

Total Tool Length: 107.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

8-18s-26w Ness,KS

P.O Box 399
Garden City KS. 67846

Whipple D #1-8

Job Ticket: 58705

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.11.02 @ 02:26:00

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:

26800 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
564.00	GMCW 2%g 14%m 84%w	5.643
315.00	GWCM 3%g 46%w 51%m w ith Oil Spots	4.419
189.00	GWCM 5%g 19%w 76%m w ith a Skim of Oil	2.651
365.00	GWCM 3%g 8%w 89%m w ith Skim of Oil on	5.120

Total Length: 1433.00 ft Total Volume: 17.833 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .262 @ 67f = 26800

Serial #: 8674

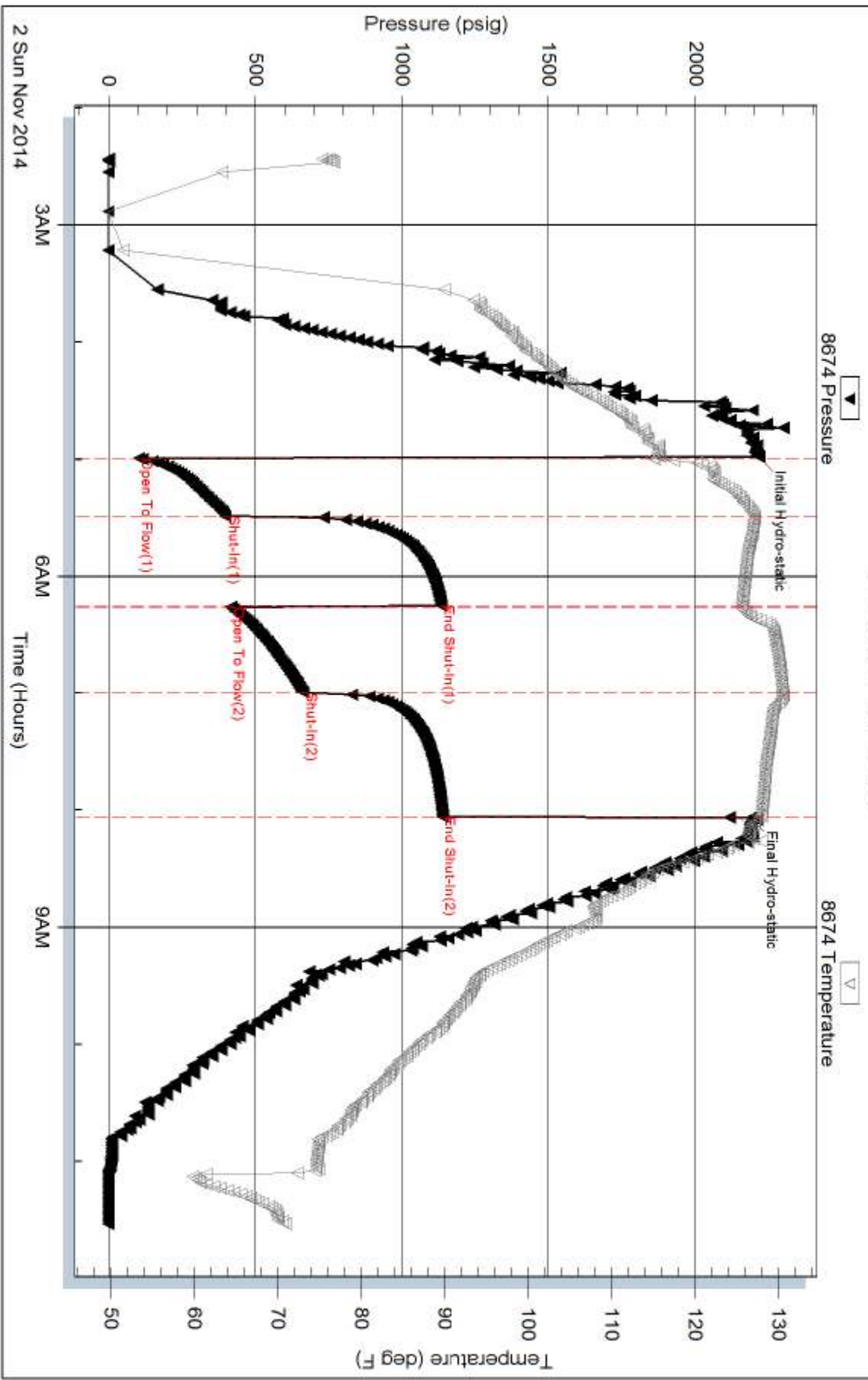
Inside

American Warrior Inc

Whipple D #1-8

DST Test Number: 3

Pressure vs. Time

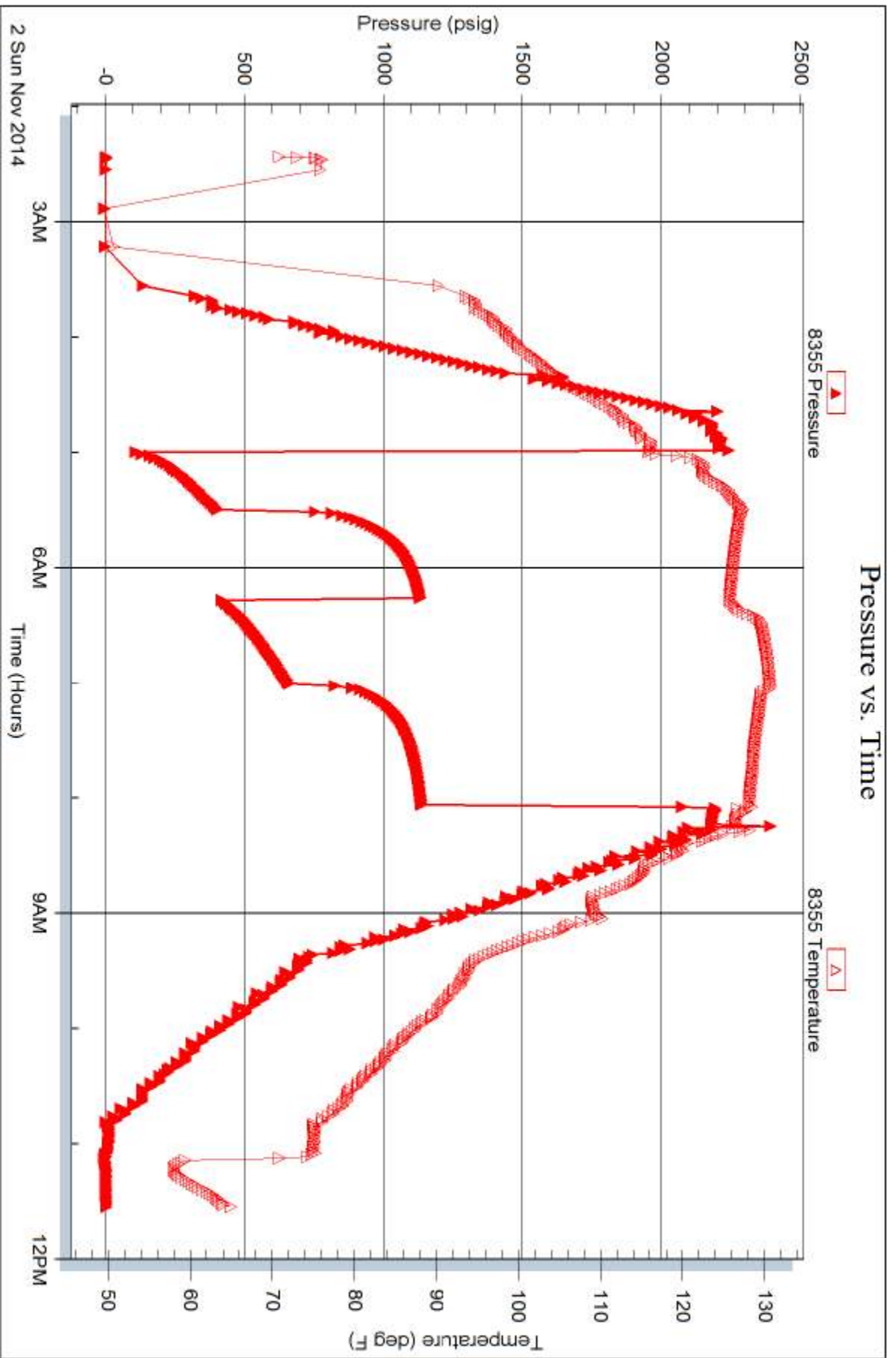


Serial #: 8355

Outside American Warrior Inc

Whipple D #1-8

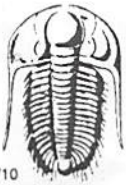
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58705

Printed: 2014.11.05 @ 15:29:26



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58703

4/10

Well Name & No. Whipple D #1-8 Test No. DST #1 Date 10-31-14
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 8 Twp. 18S Rge. 26W Co. Mass State KS

Interval Tested 4276-4340 Zone Tested Marmanton
 Anchor Length 64 Drill Pipe Run 4018 Mud Wt. 9.2
 Top Packer Depth 4272 Drill Collars Run 249 Vis 45
 Bottom Packer Depth 4276 Wt. Pipe Run 0 WL 6.4
 Total Depth 4340 Chlorides 4600 ppm System LCM 116

Blow Description IF - Weak Surface Blow 1/2"
ISI - No Blow
RF - No Blow
FSI - Pulled it

Rec	Feet of	%gas	%oil	%water	%mud
<u>4</u>	<u>Mud</u>			<u>100</u>	
<u>60</u>	<u>WCM</u>			<u>2</u>	<u>98</u>

Rec Total 64 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2095 Test 1250 T-On Location 3:22
 (B) First Initial Flow 70 Jars 250 T-Started 4:04
 (C) First Final Flow 72 Safety Joint 75 T-Open 6:25
 (D) Initial Shut-In 198 Circ Sub NIC T-Pulled 7:40
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 10:01
 (F) Second Final Flow 73 Mileage 88 RIT 136.40
 (G) Final Shut-In Pull Sampler _____
 (H) Final Hydrostatic 1983 Straddle _____

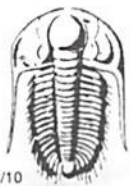
Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In Pull

Sub Total 1711.40
 Total 1711.40
 MP/DST Disc't _____

Approved By _____ Our Representative W. J. ...

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. 58704

Well Name & No. Whipple D # 1-8 Test No. DST # 2 Date 10-31-14
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig ~~158~~ Duke 5
 Location: Sec. 8 Twp. 185 Rge. 26W Co. Ness State KS

Interval Tested 4333-4357 Zone Tested Marmanton
 Anchor Length 24 Drill Pipe Run 4081 Mud Wt. 9.1
 Top Packer Depth 4329 Drill Collars Run 249 Vis 51
 Bottom Packer Depth 4333 Wt. Pipe Run 0 WL 6.8
 Total Depth 4357 Chlorides 4000 ppm System LCM 115

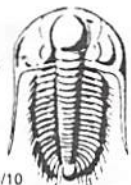
Blow Description IF - Weak Surface Blow 1/4"
ISI - No Blow
FF - No Blow
FST - Pull

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud</u>			<u>100</u>	

Rec Total 2 BHT 116 Gravity 1250 API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 2132 Test 1250 T-On Location 17:14
 (B) First Initial Flow 15 Jars 250 T-Started 18:32
 (C) First Final Flow 17 Safety Joint 75 T-Open 20:46
 (D) Initial Shut-In 23 Circ Sub NIC T-Pulled 22:20
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 00:56
 (F) Second Final Flow 17 Mileage 88 RIT 136.40 Comments _____
 (G) Final Shut-In Pulled it Sampler _____
 (H) Final Hydrostatic 2093 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 1711.40
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In Pull Sub Total 1711.40

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. 58705

Well Name & No. Whipple D #1-8 Test No. DST #3 Date 11-2-19
 Company American Warrior Inc Elevation 2592 KB 2581 GL
 Address P.O. Box 399 Garden City KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 8 Twp. 18S Rge. 26W Co. Ness State KS

Interval Tested 4486 - 4566 Zone Tested Mississippi
 Anchor Length 80 Drill Pipe Run 4238 Mud Wt. 9.2
 Top Packer Depth 4482 Drill Collars Run 249 Vis 50
 Bottom Packer Depth 4486 Wt. Pipe Run 0 WL 7.2
 Total Depth 4566 Chlorides 3500 ppm System LCM 116
 Blow Description IF - Surface Blow Built to BOB in 3 3/4 min
ISI - No Blow
FF - Surface Blow Built to BOB in 5 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>365</u>	<u>Feet of G-WCM skm at Oil on Top</u>	<u>3</u>	<u>8</u>	<u>89</u>	
<u>189</u>	<u>Feet of G-WCM skm at Oil on Top</u>	<u>5</u>	<u>19</u>	<u>96</u>	
<u>315</u>	<u>Feet of G-WCM with Oil Spots</u>	<u>3</u>	<u>46</u>	<u>51</u>	
<u>564</u>	<u>Feet of G-MCW</u>	<u>2</u>	<u>84</u>	<u>14</u>	

Rec Total 1433 BHT 127 Gravity API RW 26.2 @ 67 °F Chlorides 26800 ppm
 (A) Initial Hydrostatic 2216 Test 1250 T-On Location 1:18
 (B) First Initial Flow 102 Jars 250 T-Started 2:26
 (C) First Final Flow 399 Safety Joint 75 T-Open 4:59
 (D) Initial Shut-In 11:31 Circ Sub MLC T-Pulled 8:03
 (E) Second Initial Flow 416 Hourly Standby _____ T-Out 11:31 / 10:31
 (F) Second Final Flow 663 Mileage 88 RIT 136.40 Comments Daylight Savings
 (G) Final Shut-In 11:36 Sampler _____
 (H) Final Hydrostatic 2186 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby 1d .25h
 Accessibility _____
 Sub Total 1711.40

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Sub Total 8.33
 Total 1719.73
 MP/DST Disc't _____

Approved By _____

Our Representative [Signature]

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