



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.15 @ 21:28:00

End Date: 2015.01.16 @ 05:31:30

Job Ticket #: 56592 DST #: 1

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

Printed: 2015.01.20 @ 08:39:41

American Warrior, Inc.
5-23s-32w Finney,KS
O'Brate-Finney #4-5
DST # 1
Pawnee
2015.01.15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

ATTN: Kevin Timson/Luke Th

Job Ticket: 56592

DST#: 1

Test Start: 2015.01.15 @ 21:28:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:17:15

Time Test Ended: 05:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4441.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 11.00 ft

Serial #: 8968 Outside

Press@RunDepth: 19.17 psig @ 4443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.15

End Date:

2015.01.16

Last Calib.:

2015.01.16

Start Time: 21:28:05

End Time:

05:31:29

Time On Btm:

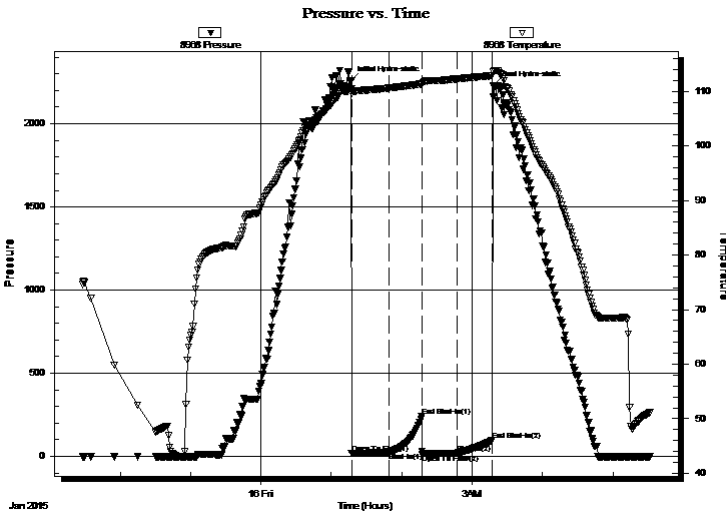
2015.01.16 @ 01:17:00

Time Off Btm:

2015.01.16 @ 03:17:45

TEST COMMENT: 30-IFP: Weak surface blow -Built to 1"
30-ISIP: No return
30-FFP: 1/2" blow within 2 seconds of opening-Built to 2 1/4"
30-FSIP: No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2261.08	110.52	Initial Hydro-static
1	16.37	109.55	Open To Flow (1)
32	21.83	110.59	Shut-In(1)
60	239.35	111.36	End Shut-In(1)
61	13.02	111.26	Open To Flow (2)
90	19.17	112.27	Shut-In(2)
121	98.35	112.86	End Shut-In(2)
121	2230.73	113.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	G & Ocm 5g 15o 80m	0.45

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56592

DST#: 1

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.15 @ 21:28:00

Tool Information

Drill Pipe:	Length: 4419.00 ft	Diameter: 3.80 inches	Volume: 61.99 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:	28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 61.99 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4441.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	29.00 ft				
Tool Length:	56.00 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			4415.00	
Shut In Tool	5.00			4420.00	
Hydraulic tool	5.00			4425.00	
Jars	5.00			4430.00	
Safety Joint	2.00			4432.00	
Packer	5.00			4437.00	27.00 Bottom Of Top Packer
Packer	4.00			4441.00	
Stubb	1.00			4442.00	
Perforations	1.00			4443.00	
Recorder	0.00	8969	Inside	4443.00	
Recorder	0.00	8968	Outside	4443.00	
Perforations	24.00			4467.00	
Bullnose	3.00			4470.00	29.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56592

DST#: 1

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.15 @ 21:28:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	G & Ocm 5g 15o 80m	0.449

Total Length: 32.00 ft Total Volume: 0.449 bbl

Num Fluid Samples: 0

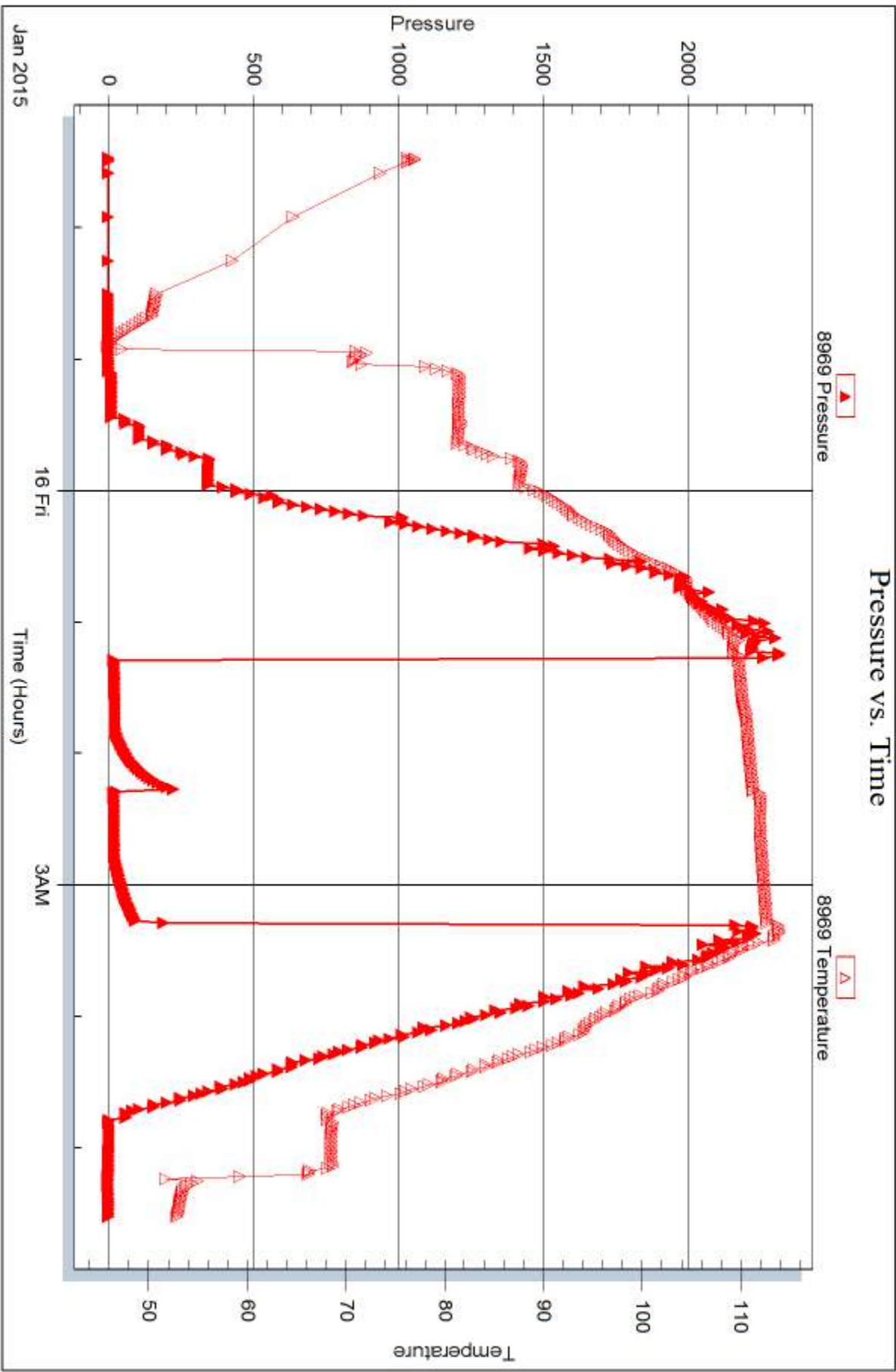
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.17 @ 08:00:00

End Date: 2015.01.17 @ 17:10:00

Job Ticket #: 56593 DST #: 2

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

Printed: 2015.01.20 @ 08:39:00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

ATTN: Kevin Timson/Luke Th

Job Ticket: 56593

DST#: 2

Test Start: 2015.01.17 @ 08:00:00

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:20:30

Time Test Ended: 17:10:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4668.00 ft (KB) To 4728.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4728.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8968 Outside

Press@RunDepth: 23.33 psig @ 4671.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.17 End Date: 2015.01.17

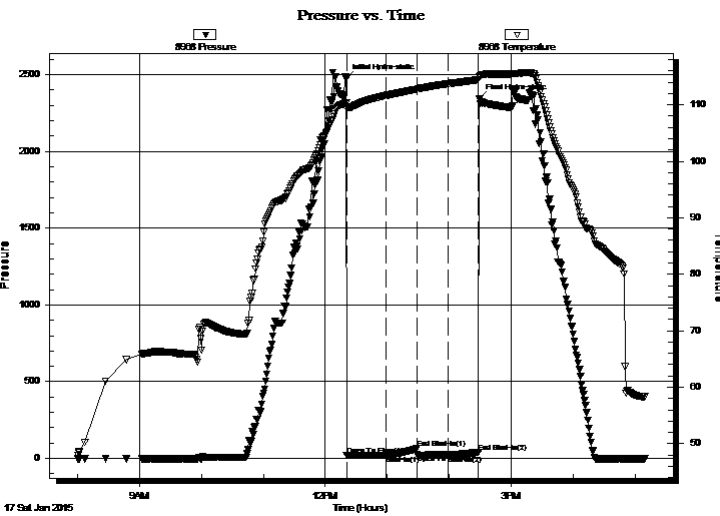
Last Calib.: 2015.01.17

Start Time: 08:00:05 End Time: 17:10:00

Time On Btm: 2015.01.17 @ 12:20:15

Time Off Btm: 2015.01.17 @ 14:29:15

TEST COMMENT: 38-IFP: Weak surface blow -Built to 1/8"
30-ISIP: No return
30-FFP: No blow
30-FSIP: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2472.27	110.38	Initial Hydro-static
1	19.12	109.30	Open To Flow (1)
39	22.46	111.63	Shut-In(1)
69	63.23	112.75	End Shut-In(1)
69	23.86	112.73	Open To Flow (2)
99	23.33	113.73	Shut-In(2)
128	39.58	114.45	End Shut-In(2)
129	2340.36	114.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w /slight oil show	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.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56593

DST#: 2

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.17 @ 08:00:00

Tool Information

Drill Pipe:	Length: 4671.00 ft	Diameter: 3.80 inches	Volume: 65.52 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: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 65.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4668.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	87.00 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			4642.00	
Shut In Tool	5.00			4647.00	
Hydraulic tool	5.00			4652.00	
Jars	5.00			4657.00	
Safety Joint	2.00			4659.00	
Packer	5.00			4664.00	27.00 Bottom Of Top Packer
Packer	4.00			4668.00	
Stubb	1.00			4669.00	
Perforations	1.00			4670.00	
Change Over Sub	1.00			4671.00	
Recorder	0.00	8969	Inside	4671.00	
Recorder	0.00	8968	Outside	4671.00	
Drill Pipe	31.00			4702.00	
Change Over Sub	1.00			4703.00	
Perforations	22.00			4725.00	
Bullnose	3.00			4728.00	60.00 Bottom Packers & Anchor
Total Tool Length:	87.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56593

DST#: 2

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.17 @ 08:00:00

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: 9.16 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
5.00	Mud w /slight oil show	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

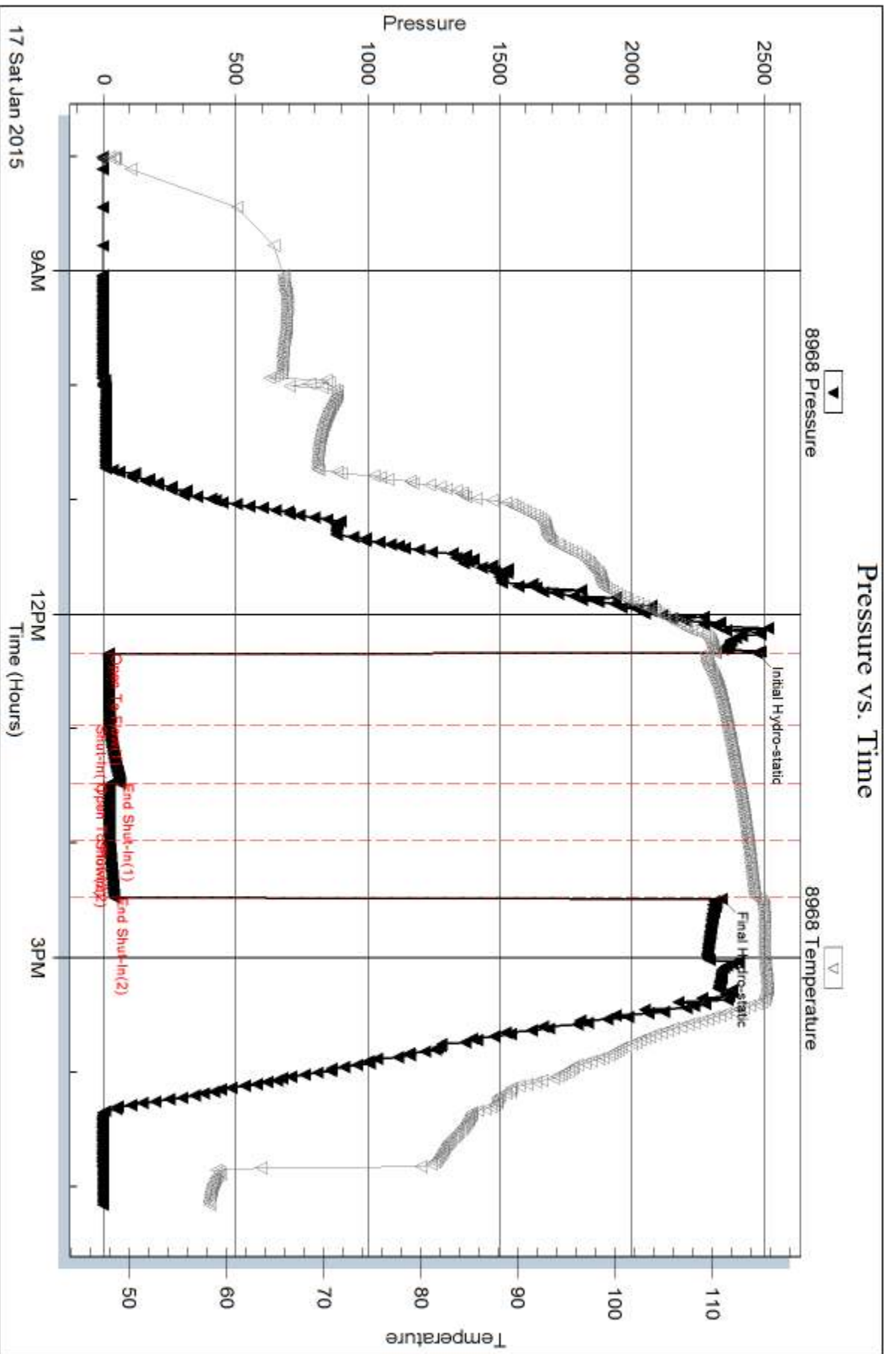
Num Gas Bombs: 0

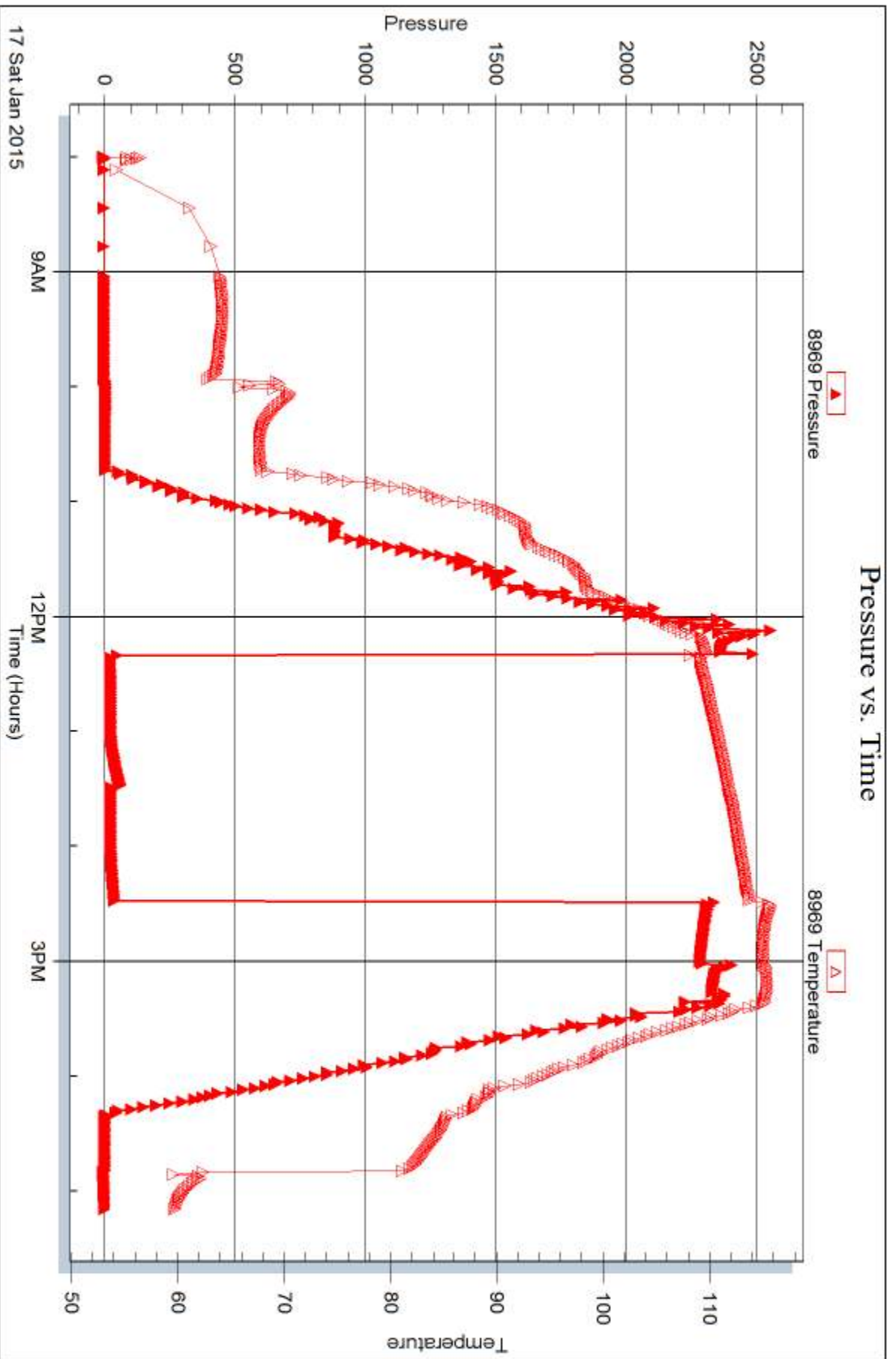
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson/Luke Th

O'Brate-Finney #4-5

5-23s-32w Finney,KS

Start Date: 2015.01.18 @ 06:34:00

End Date: 2015.01.18 @ 14:19:15

Job Ticket #: 56594 DST #: 3

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

Printed: 2015.01.20 @ 08:38:08



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

ATTN: Kevin Timson/Luke Th

Job Ticket: 56594

DST#: 3

Test Start: 2015.01.18 @ 06:34:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:39:30

Time Test Ended: 14:19:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 67

Interval: 4752.00 ft (KB) To 4782.00 ft (KB) (TVD)

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4782.00 ft (KB) (TVD)

2851.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8968 Outside

Press@RunDepth: 115.69 psig @ 4754.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.18 End Date: 2015.01.18

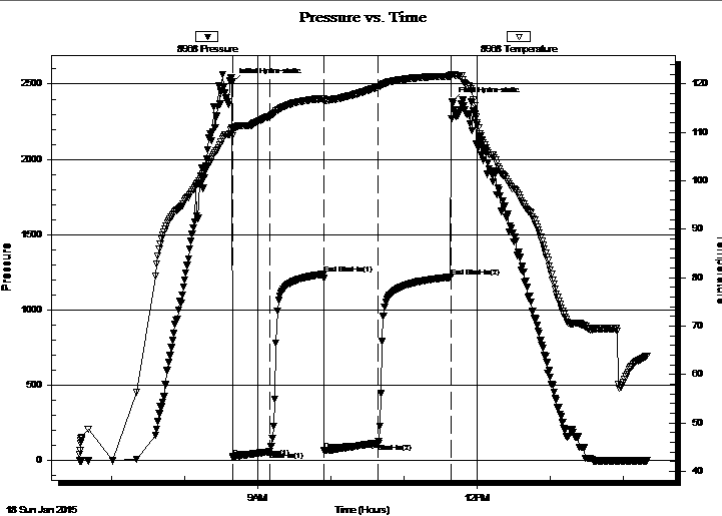
Last Calib.: 2015.01.18

Start Time: 06:34:05 End Time: 14:19:14

Time On Btm: 2015.01.18 @ 08:39:15

Time Off Btm: 2015.01.18 @ 11:40:00

TEST COMMENT: 30-IFP: BOB in 4 min.
45-ISIP: Bled off in 2 min.- Weak surface blow back-Built to 1"
45-FFP: BOB in 2 min.
60-FSIP: BOB in 14 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2512.43	110.95	Initial Hydro-static
1	20.59	109.31	Open To Flow (1)
31	58.61	113.26	Shut-In(1)
75	1236.74	116.98	End Shut-In(1)
76	68.00	116.57	Open To Flow (2)
120	115.69	119.30	Shut-In(2)
180	1216.96	121.58	End Shut-In(2)
181	2384.98	121.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
94.00	Cgo 35g 65o	1.32
94.00	Mco & G 15m 32o 53g	1.32
94.00	G & Ocm 10g 15o 75m	1.32
0.00	GIP=3196	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.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56594

DST#: 3

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.18 @ 06:34:00

Tool Information

Drill Pipe:	Length: 4735.00 ft	Diameter: 3.80 inches	Volume: 66.42 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:	28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 66.42 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4752.00 ft			Final	65000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	57.00 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			4726.00	
Shut In Tool	5.00			4731.00	
Hydraulic tool	5.00			4736.00	
Jars	5.00			4741.00	
Safety Joint	2.00			4743.00	
Packer	5.00			4748.00	27.00 Bottom Of Top Packer
Packer	4.00			4752.00	
Stubb	1.00			4753.00	
Perforations	1.00			4754.00	
Recorder	0.00	8969	Inside	4754.00	
Recorder	0.00	8968	Outside	4754.00	
Perforations	25.00			4779.00	
Bullnose	3.00			4782.00	30.00 Bottom Packers & Anchor

Total Tool Length: 57.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

5-23s-32w Finney,KS

PO Box 399
Garden City, KS 67846

O'Brate-Finney #4-5

Job Ticket: 56594

DST#: 3

ATTN: Kevin Timson/Luke Th

Test Start: 2015.01.18 @ 06:34:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.76 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 bbf
94.00	Cgo 35g 65o	1.319
94.00	Mco & G 15m 32o 53g	1.319
94.00	G & Ocm 10g 15o 75m	1.319
0.00	GIP=3196	0.000

Total Length: 282.00 ft Total Volume: 3.957 bbf

Num Fluid Samples: 0

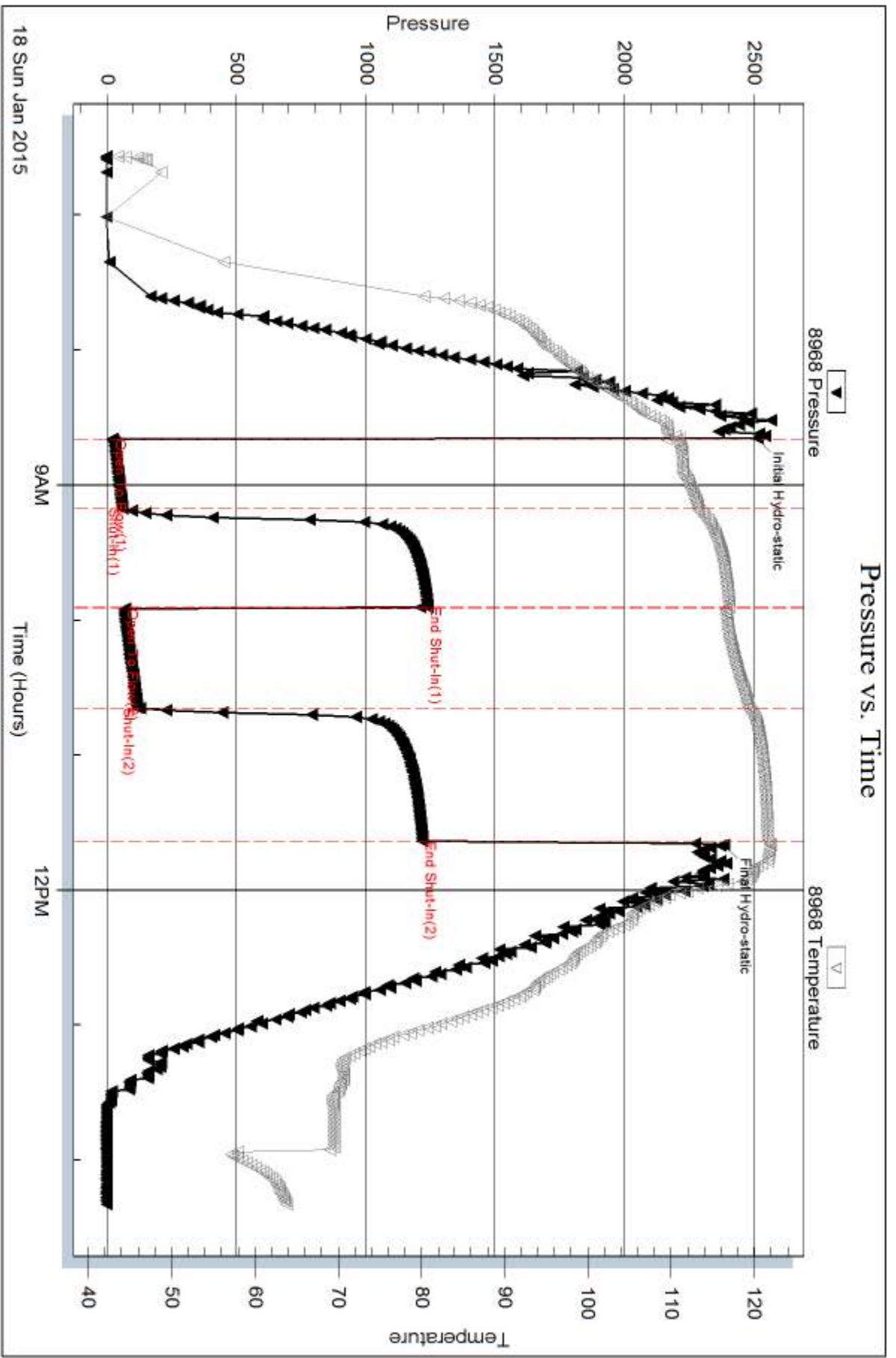
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity 30 @ 62



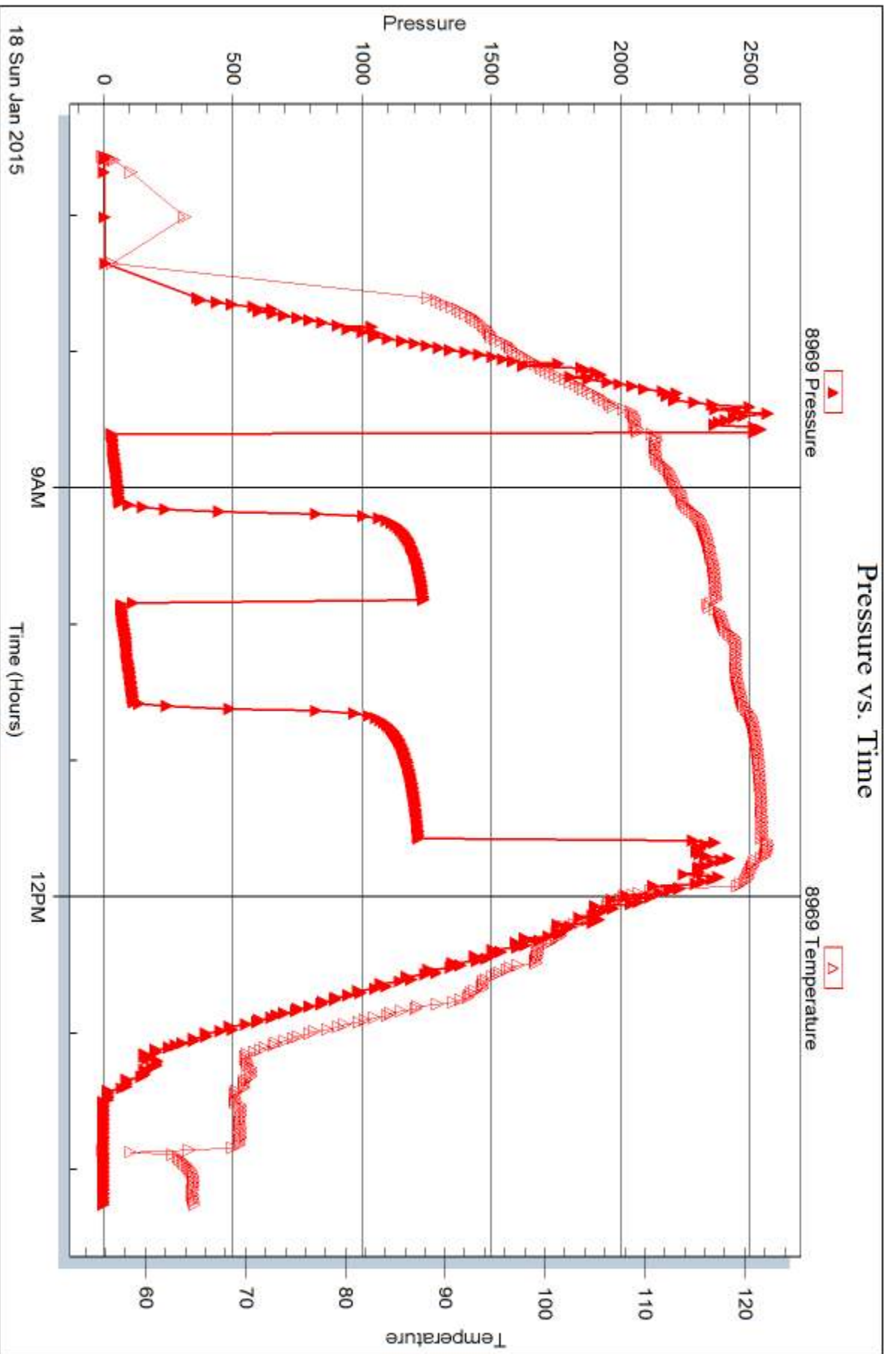
Serial #: 8969

Inside

American Warrior, Inc.

OBrate-Finney #4.5

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 56594

Printed: 2015.01.20 @ 08:38:09



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56592

Well Name & No. O'Brate-Finney #4-5 Test No. 1 Date 4/15/15
 Company American Warrior, Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32W Co. Finney State Ks

Interval Tested 4441-4470 Zone Tested Pawnee
 Anchor Length 29' Drill Pipe Run 4419' Mud Wt. 9.5
 Top Packer Depth 4437 Drill Collars Run 0 Vis 49
 Bottom Packer Depth 4441 Wt. Pipe Run 0 WL 8.8
 Total Depth 4470 Chlorides 2400 ppm System LCM #1 1/2

Blow Description IFP: Weak surface blow - Built to 1 in. blow
ISIP: No Return
FFP: 1/2 in. blow within 2 seconds of opening - Built to 2 1/4 in. of blow
FSIP: No Return

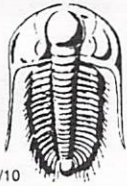
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>32</u>	Feet of <u>6 to 0 cm</u>	<u>5</u> %gas	<u>15</u> %oil	%water	<u>80</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 32 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 2260 Test 1150 T-On Location 21:27
 (B) First Initial Flow 16 Jars 250 T-Started 21:28
 (C) First Final Flow 22 Safety Joint 75 T-Open 01:17
 (D) Initial Shut-In 239 Circ Sub NIC T-Pulled 03:17
 (E) Second Initial Flow 13 Hourly Standby _____ T-Out 05:31
 (F) Second Final Flow 19 Mileage 68 RT 68 Comments Stayed in motel
 (G) Final Shut-In 98 Sampler _____
 (H) Final Hydrostatic 2231 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1543
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1543

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

Approved By _____ Our Representative Clifford LIT

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. 56593

4/10

Well Name & No. O'Brade-Finney #4-5 Test No. 2 Date 1-17-15
 Company American Warrior Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. - Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #10
 Location: Sec. 5 Twp. 23-5 Rge. 32-W Co. Finney State KS

Interval Tested 4668-4728 Zone Tested Morrow
 Anchor Length 60' Drill Pipe Run 4671' Mud Wt. 9.4
 Top Packer Depth 4664 Drill Collars Run Ø Vis 50"
 Bottom Packer Depth 4668 Wt. Pipe Run Ø WL 9.2
 Total Depth 4728 Chlorides 2800 ppm System LCM #2

Blow Description IFP: Weak surface flow - Built to 18 in of flow -
ISIP: No Return
FFP: No Blow
FSIP: No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>Ø.5</u>	Feet of <u>Mud slight trace of oil</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity — API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic <u>2472</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>8:00</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:00</u>
(C) First Final Flow <u>22</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:20</u>
(D) Initial Shut-In <u>63</u>	<input checked="" type="checkbox"/> Circ Sub <u>NK</u>	T-Pulled <u>14:28</u>
(E) Second Initial Flow <u>23</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>17:10</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>68</u>	Comments <u>2 1/2 hrs steady</u>
(G) Final Shut-In <u>40</u>	<input type="checkbox"/> Sampler	<u>5:31 last on 1-16-15</u>
(H) Final Hydrostatic <u>2340</u>	<input type="checkbox"/> Straddle	<u>Stayed in Motel</u>
Initial Open <u>38</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>Ø 30</u>	<input type="checkbox"/> Day Standby <u>1d 2.5h</u>	Sub Total <u>83.33</u> <u>1626.33</u>
	<input type="checkbox"/> Accessibility	Total <u>Ø 10:45 TIH</u>
	Sub Total <u>1543</u>	MP/DST Disc't <u>Finished making up tool</u>
		<u>Time on Bank shut been at 9:00 A.M</u>

Approved By _____ Our Representative Callahan CLT

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. 56594

Well Name & No. O'Brate Finney #45 Test No. 3 Date 1-18-15
 Company American Warrior Inc. Elevation 2862 KB 2851 GL
 Address 3118 Cummings Rd. - Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #10
 Location: Sec. 5 Twp. 23-S Rge. 32-W Co. Finney State KS

Interval Tested 4752 - 4782 Zone Tested Mississippi
 Anchor Length 30' Drill Pipe Run 4735' Mud Wt. 9.7
 Top Packer Depth 4748 Drill Collars Run Ø Vis 51
 Bottom Packer Depth 4752 Wt. Pipe Run Ø WL 8.8
 Total Depth 4782 Chlorides 2800 ppm System LCM #2

Blow Description IFP: B.o.b. in 4 min.
ISFP: Bled off in 2 min - Weak surface blowback - Built to 1 in. return blowback
FFP: 2 in. Immediately - B.o.b. in 2 min.
FSFP: Bled off in 2 min. - Good surface blowback - Built to B.o.b. in 14 min.

Rec	Feet of	%gas	%oil	%water	%mud
94	C60	35%	65%		
94	G + CC mg Smith there	10%	15%		75%
94	MCO + G ² Two	53%	32%		5%
	GIP = 3196				

Rec Total 282 BHT 122 Gravity 30 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2512 Test 1150 T-On Location 06:33
 (B) First Initial Flow 21 Jars 250 T-Started 06:34
 (C) First Final Flow 59 Safety Joint 75 T-Open 08:40
 (D) Initial Shut-In 1237 Circ Sub N/C T-Pulled 11:40
 (E) Second Initial Flow 68 Hourly Standby T-Out 14:20 - 14:19
 (F) Second Final Flow 116 Mileage 68 Comments
 (G) Final Shut-In 1217 Sampler
 (H) Final Hydrostatic 2385 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 45 Day Standby Total 1543
 Final Flow 45 Accessibility MP/DST Disc't
 Final Shut-In Ø 60 Sub Total 1543

Approved By _____ Our Representative CLTC

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