



## DRILL STEM TEST REPORT

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

PO Box 399  
Garden City KS 67846

ATTN: Kevin Timson

### **O'Brate-Finney #2-5**

### **5-23s-32w Finney,KS**

Start Date: 2014.12.20 @ 14:25:00

End Date: 2014.12.20 @ 20:54:00

Job Ticket #: 58680                      DST #: 1

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

Printed: 2014.12.23 @ 16:22:01



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Kevin Timson

**5-23s-32w Finney,KS**

**O'Brate-Finney #2-5**

Job Ticket: 58680 **DST#: 1**  
Test Start: 2014.12.20 @ 14:25:00

## GENERAL INFORMATION:

Formation: **St. Louis**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 17:00:00  
Time Test Ended: 20:54:00  
Interval: **4750.00 ft (KB) To 4792.00 ft (KB) (TVD)**  
Total Depth: 4792.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Justin Harris  
Unit No: 58  
Reference Elevations: 2862.00 ft (KB)  
2853.00 ft (CF)  
KB to GR/CF: 9.00 ft

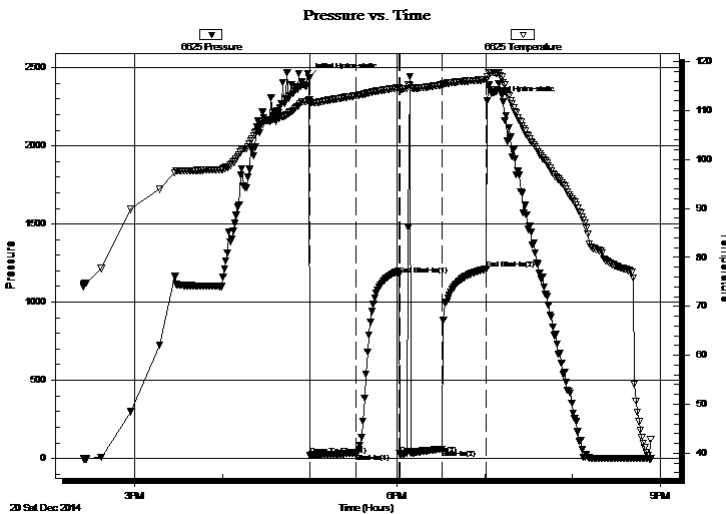
## Serial #: 6625

**Outside**

Press@RunDepth: 60.62 psig @ 4788.00 ft (KB)  
Start Date: 2014.12.20 End Date: 2014.12.20  
Start Time: 14:25:01 End Time: 20:54:00  
Capacity: 8000.00 psig  
Last Calib.: 2014.12.20  
Time On Btm: 2014.12.20 @ 16:59:30  
Time Off Btm: 2014.12.20 @ 19:01:30

TEST COMMENT: 30: Weak surface blow build to 1 1/2".  
30: No Return.  
30: No Blow (Flush tool) Blow build to 2 1/2".  
30: No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2433.92	112.25	Initial Hydro-static
1	20.94	111.71	Open To Flow (1)
32	31.87	113.03	Shut-In(1)
62	1176.33	114.62	End Shut-In(1)
62	28.96	114.43	Open To Flow (2)
91	60.62	115.22	Shut-In(2)
122	1213.33	116.31	End Shut-In(2)
122	2286.87	116.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
85.00	mud w ith oil spots	1.19

## 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 #2-5**

Job Ticket: 58680

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.12.20 @ 14:25:00

## 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: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 66.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4750.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 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			4723.00	
Shut In Tool	5.00			4728.00	
Hydraulic tool	5.00			4733.00	
Jars	5.00			4738.00	
Safety Joint	3.00			4741.00	
Packer	5.00			4746.00	28.00 Bottom Of Top Packer
Packer	4.00			4750.00	
Stubb	1.00			4751.00	
Perforations	3.00			4754.00	
Change Over Sub	1.00			4755.00	
Drill Pipe	32.00			4787.00	
Change Over Sub	1.00			4788.00	
Recorder	0.00	6625	Outside	4788.00	
Recorder	0.00	8679	Inside	4788.00	
Bullnose	4.00			4792.00	42.00 Bottom Packers & Anchor

**Total Tool Length: 70.00**



**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 #2-5**

Job Ticket: 58680

**DST#: 1**

ATTN: Kevin Timson

Test Start: 2014.12.20 @ 14:25:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
85.00	mud w ith oil spots	1.192

Total Length: 85.00 ft      Total Volume: 1.192 bbl

Num Fluid Samples: 0

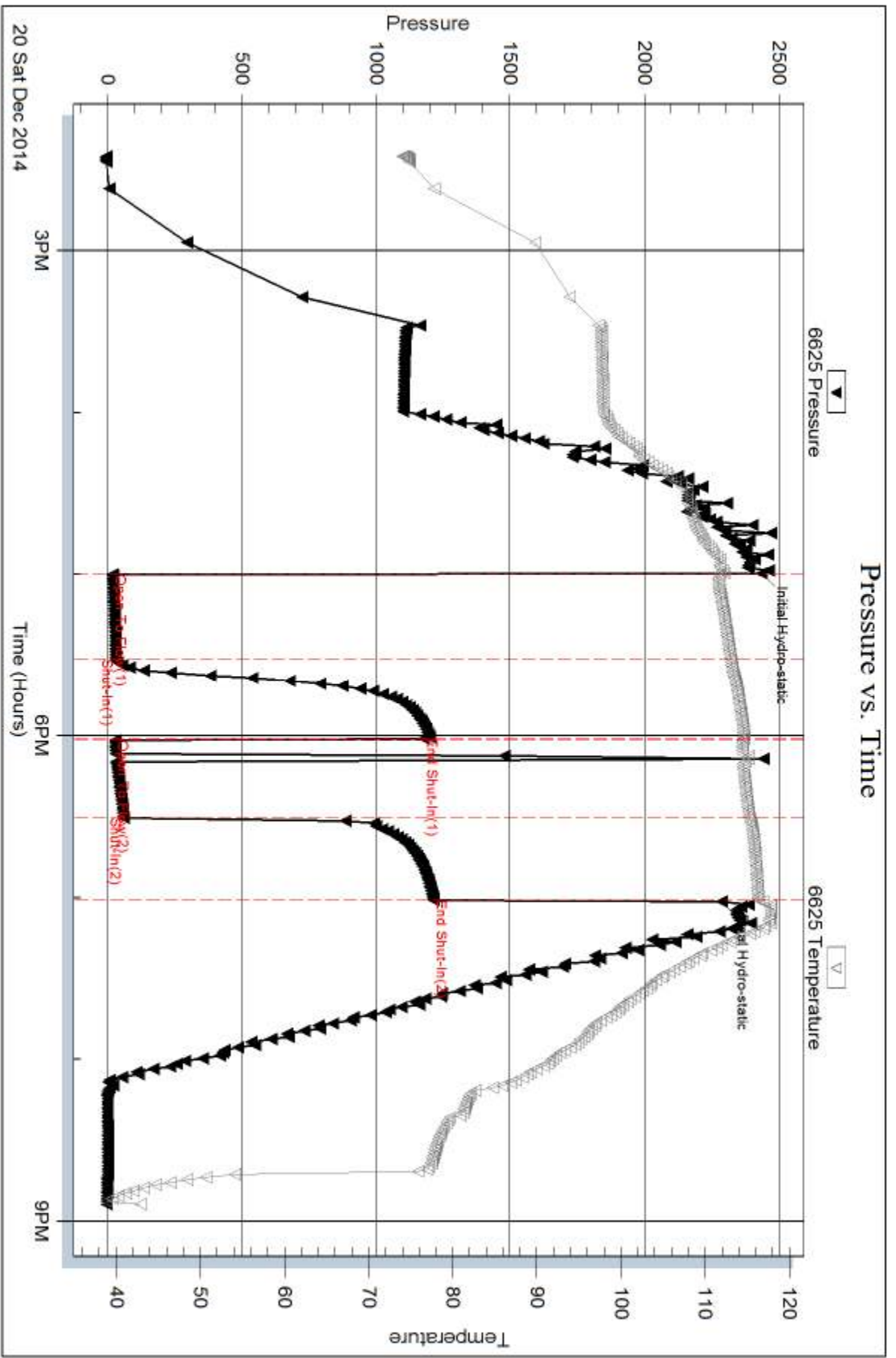
Num Gas Bombs: 0

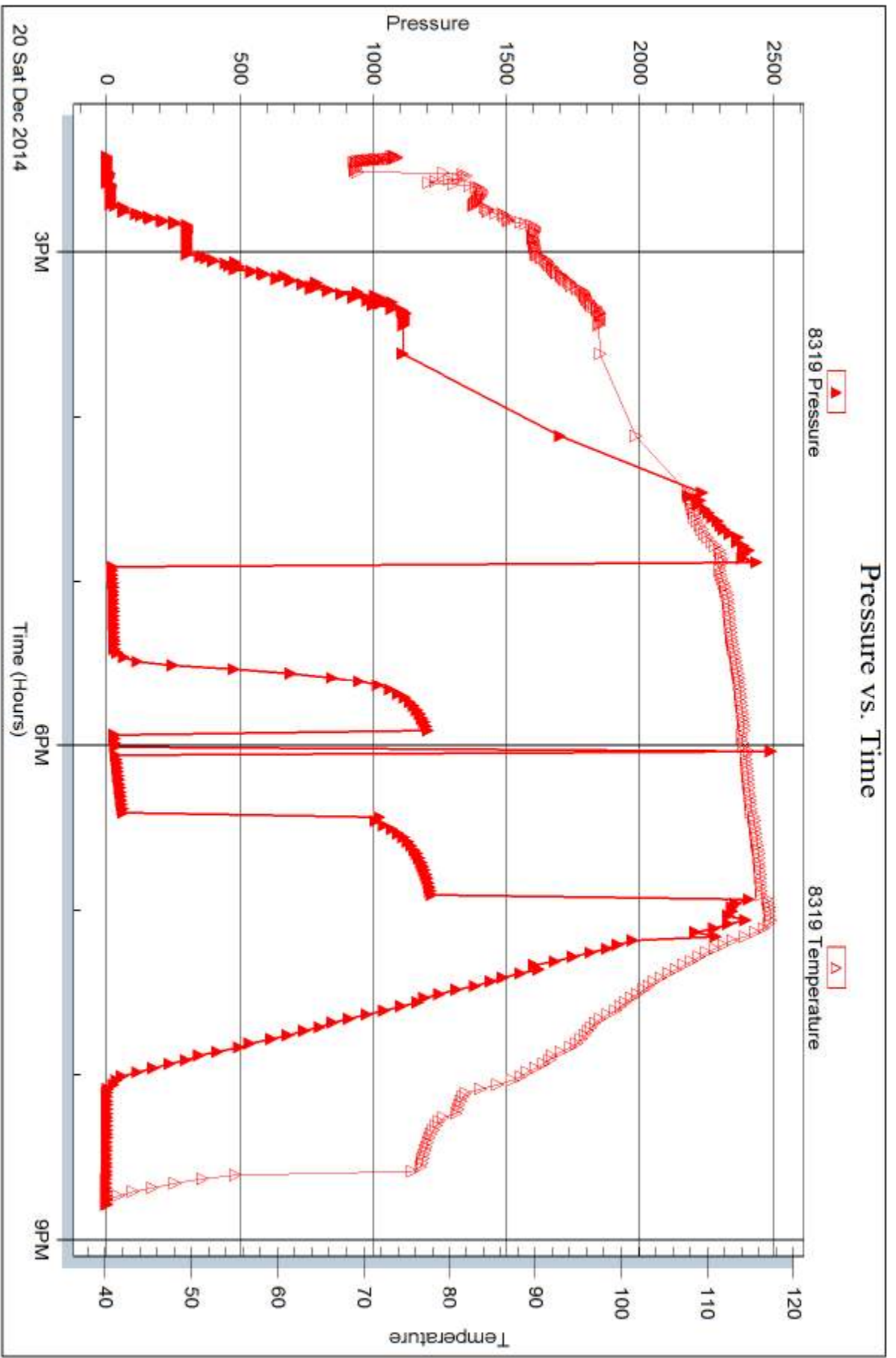
Serial #:

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

**O'Brate-Finney #2-5**

**5-23s-32w Finney,KS**

Start Date: 2014.12.22 @ 00:00:00

End Date:

Job Ticket #: 61501

DST #: 2

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

Printed: 2014.12.23 @ 16:21:01





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.  
 PO Box 399  
 Garden City KS 67846  
 ATTN: Kevin Timson

**5-23s-32w Finney,KS**

**O'Brate-Finney #2-5**

Job Ticket: 61501 **DST#: 2**  
 Test Start: 2014.12.22 @ 00:00:00

## GENERAL INFORMATION:

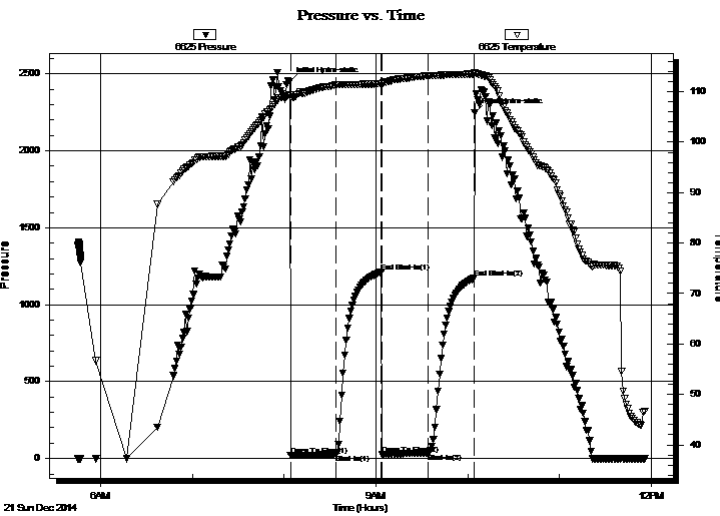
Formation: **St Louis**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened:  
 Time Test Ended:  
 Interval: **4751.00 ft (KB) To 4830.00 ft (KB) (TVD)**  
 Total Depth: 4830.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Justin Harris  
 Unit No: 58  
 Reference Elevations: 2862.00 ft (KB)  
 2853.00 ft (CF)  
 KB to GR/CF: 9.00 ft

## Serial #: 6625

**Outside**

Press@RunDepth: 34.14 psig @ 4826.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.12.21 End Date: 2014.12.21 Last Calib.: 2014.12.21  
 Start Time: 05:45:01 End Time: 11:56:00 Time On Btm: 2014.12.21 @ 08:03:30  
 Time Off Btm: 2014.12.21 @ 10:04:30

TEST COMMENT: 30 Weak surface blow built to 2"  
 30 No Return  
 30 Weak surface blow  
 30 No Return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2449.23	109.29	Initial Hydro-static
1	18.72	108.83	Open To Flow (1)
31	25.62	111.34	Shut-In(1)
60	1212.37	111.59	End Shut-In(1)
61	27.24	111.49	Open To Flow (2)
91	34.14	113.21	Shut-In(2)
121	1172.30	113.52	End Shut-In(2)
121	2247.28	113.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	mud w ith oil spots	0.49

\* 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 #2-5**

Job Ticket: 61501

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.12.22 @ 00:00:00

## 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: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 66.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4751.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.00 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			4724.00	
Shut In Tool	5.00			4729.00	
Hydraulic tool	5.00			4734.00	
Jars	5.00			4739.00	
Safety Joint	3.00			4742.00	
Packer	5.00			4747.00	28.00 Bottom Of Top Packer
Packer	4.00			4751.00	
Stubb	1.00			4752.00	
Perforations	9.00			4761.00	
Change Over Sub	1.00			4762.00	
Drill Pipe	63.00			4825.00	
Change Over Sub	1.00			4826.00	
Recorder	0.00	6625	Outside	4826.00	
Recorder	0.00	8679	Inside	4826.00	
Bullnose	4.00			4830.00	79.00 Bottom Packers & Anchor

**Total Tool Length: 107.00**



**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 #2-5**

Job Ticket: 61501

**DST#: 2**

ATTN: Kevin Timson

Test Start: 2014.12.22 @ 00:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	mud w ith oil spots	0.491

Total Length: 35.00 ft      Total Volume: 0.491 bbl

Num Fluid Samples: 0

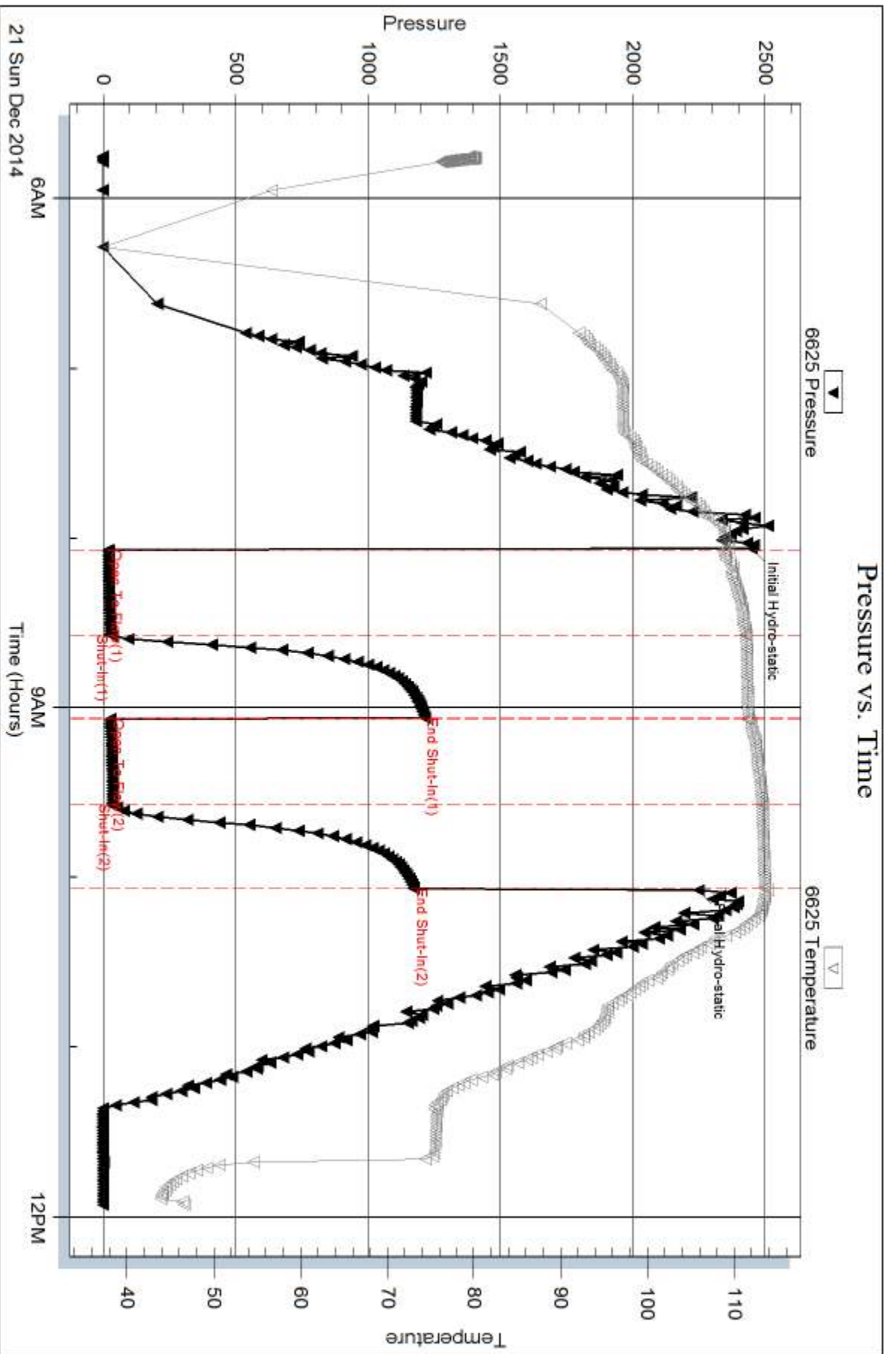
Num Gas Bombs: 0

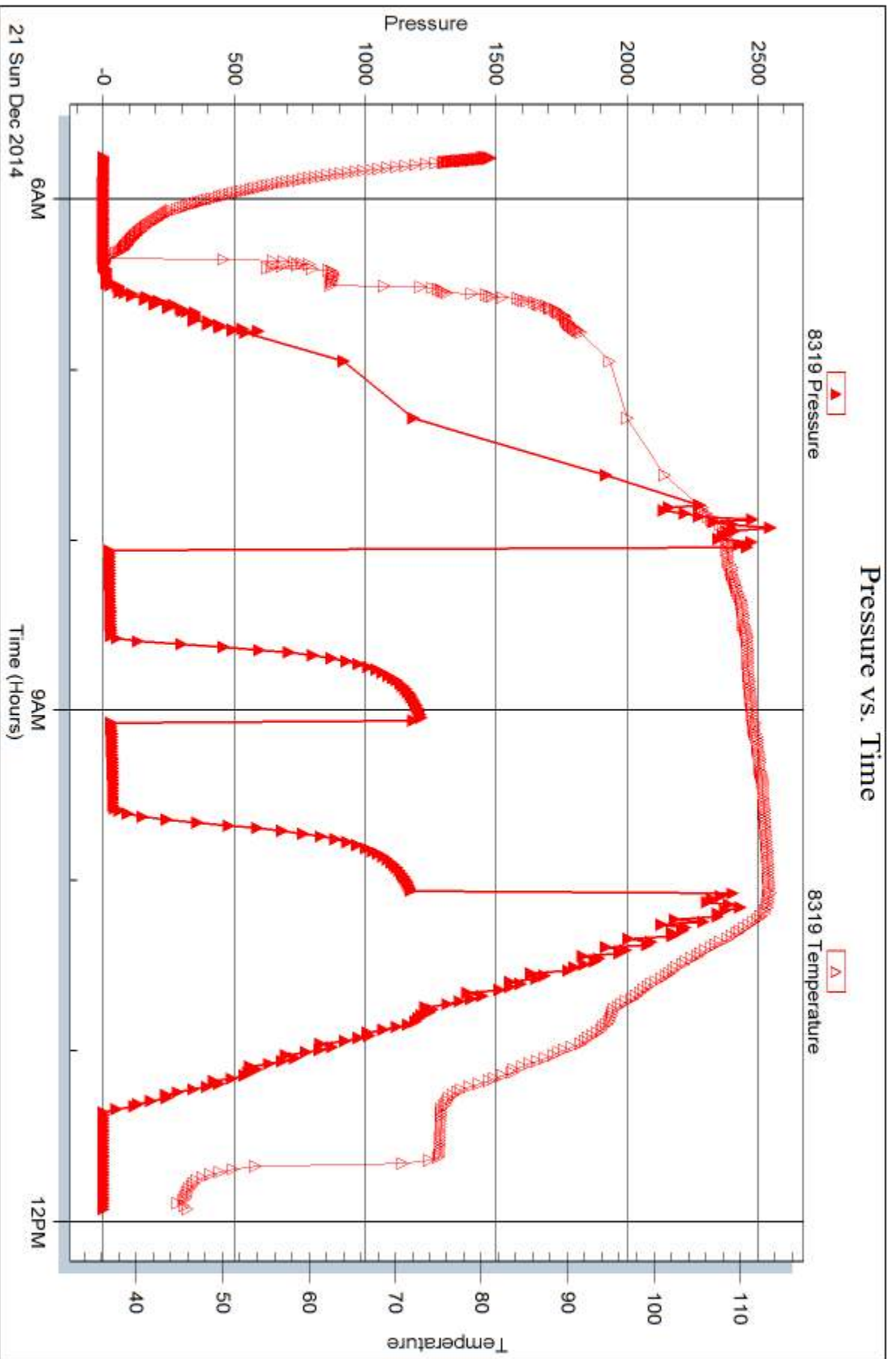
Serial #:

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

### **O'Brate-Finney #2-5**

### **5-23s-32w Finney,KS**

Start Date: 2014.12.22 @ 10:24:00

End Date: 2014.12.22 @ 17:04:30

Job Ticket #: 61502                      DST #: 3

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

Printed: 2014.12.23 @ 16:20:30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc.  
PO Box 399  
Garden City KS 67846  
ATTN: Kevin Timson

**5-23s-32w Finney,KS**

**O'Brate-Finney #2-5**

Job Ticket: 61502 **DST#: 3**

Test Start: 2014.12.22 @ 10:24:00

## GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:50:30

Time Test Ended: 17:04:30

Test Type: Conventional Straddle (Reset)

Tester: Justin Harris

Unit No: 58

**Interval: 4660.00 ft (KB) To 4715.00 ft (KB) (TVD)**

Reference Elevations: 2862.00 ft (KB)

Total Depth: 4910.00 ft (KB) (TVD)

2853.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 6625**

**Inside**

Press@RunDepth: 93.40 psig @ 4663.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.22

End Date:

2014.12.22

Last Calib.:

2014.12.22

Start Time: 10:24:01

End Time:

17:04:30

Time On Btm:

2014.12.22 @ 12:50:00

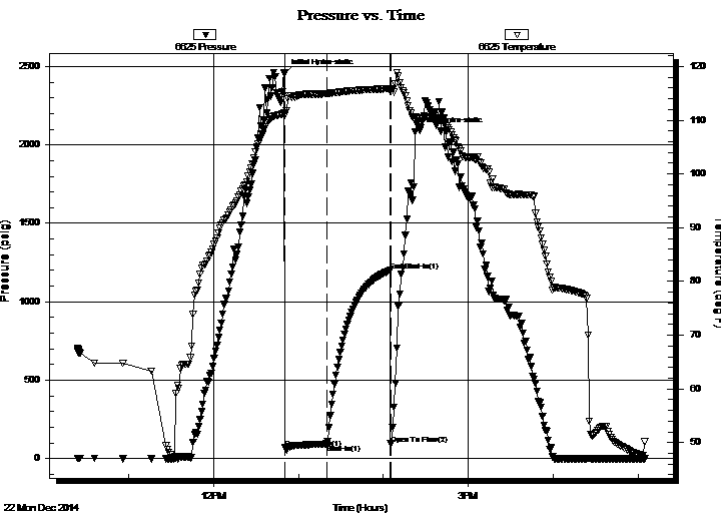
Time Off Btm:

2014.12.22 @ 14:22:30

TEST COMMENT: 30: Weak surface blow build to 10 1/2 "

45: No Return.

45: B.O.B. in 2 mins. check hole and could not fill it so i pulled tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.52	111.34	Initial Hydro-static
1	68.11	110.93	Open To Flow (1)
30	93.40	114.98	Shut-In(1)
75	1199.64	115.87	End Shut-In(1)
75	93.18	115.44	Open To Flow (2)
93	2084.41	110.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2558.00	mud	35.88

\* 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 #2-5**

Job Ticket: 61502

**DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.12.22 @ 10:24:00

## Tool Information

Drill Pipe:	Length: 4642.00 ft	Diameter: 3.80 inches	Volume: 65.12 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 65.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4660.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	4712.00 ft			
Interval between Packers:	52.00 ft			
Tool Length:	278.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

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

Change Over Sub	1.00			4633.00	
Shut In Tool	5.00			4638.00	
Hydraulic tool	5.00			4643.00	
Jars	5.00			4648.00	
Safety Joint	3.00			4651.00	
Packer	5.00			4656.00	28.00 Bottom Of Top Packer
Packer	4.00			4660.00	
Stubb	1.00			4661.00	
Perforations	2.00			4663.00	
Recorder	0.00	6625	Inside	4663.00	
Recorder	0.00	8319	Outside	4663.00	
Change Over Sub	1.00			4664.00	
Drill Pipe	31.00			4695.00	
Change Over Sub	1.00			4696.00	
Perforations	15.00			4711.00	
Blank Off Sub	1.00			4712.00	52.00 Tool Interval
Packer	3.00			4715.00	
Stubb	1.00			4716.00	
Recorder	0.00	8679	Below	4716.00	
Perforations	1.00			4717.00	
Change Over Sub	1.00			4718.00	
Drill Pipe	187.00			4905.00	
Change Over Sub	1.00			4906.00	
Bullnose	4.00			4910.00	198.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>278.00</b>				



**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 #2-5**

Job Ticket: 61502      **DST#: 3**

ATTN: Kevin Timson

Test Start: 2014.12.22 @ 10:24:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2558.00	mud	35.882

Total Length: 2558.00 ft      Total Volume: 35.882 bbl

Num Fluid Samples: 0

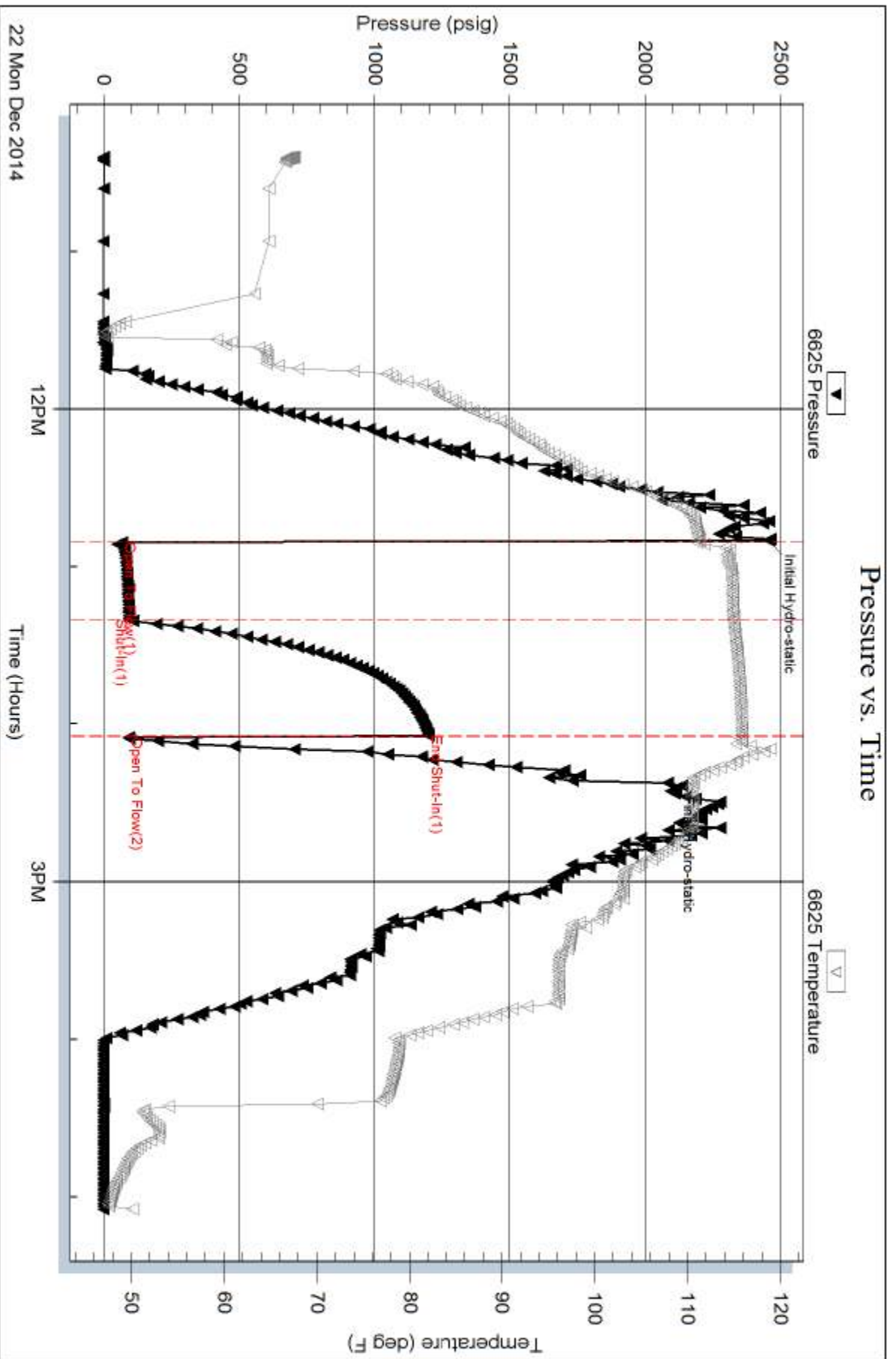
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

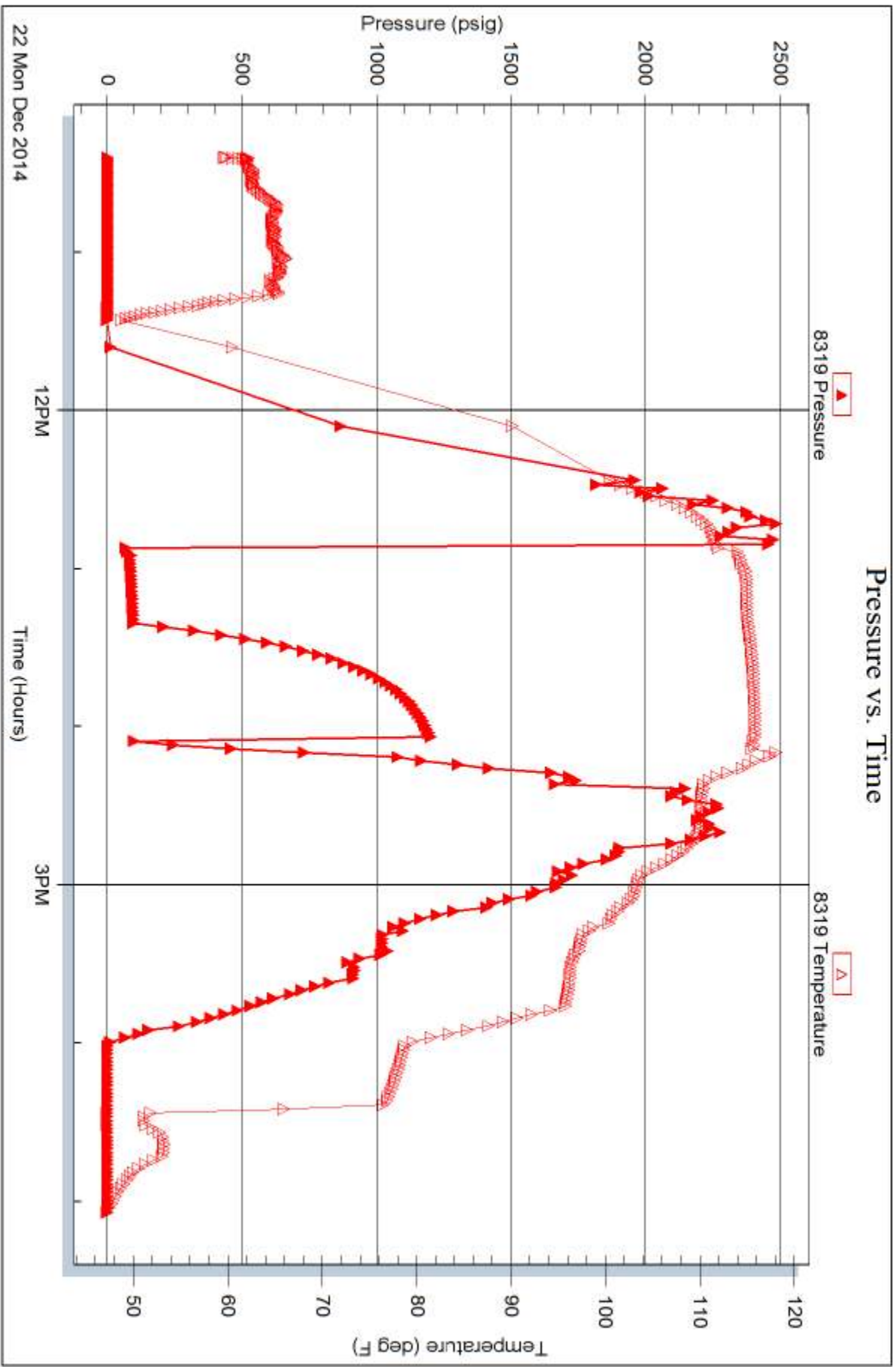


Serial #: 8319

Outside American Warrior, Inc.

O'Brate-Finney #2-5

DST Test Number: 3



22 Mon Dec 2014

12PM

Time (Hours)

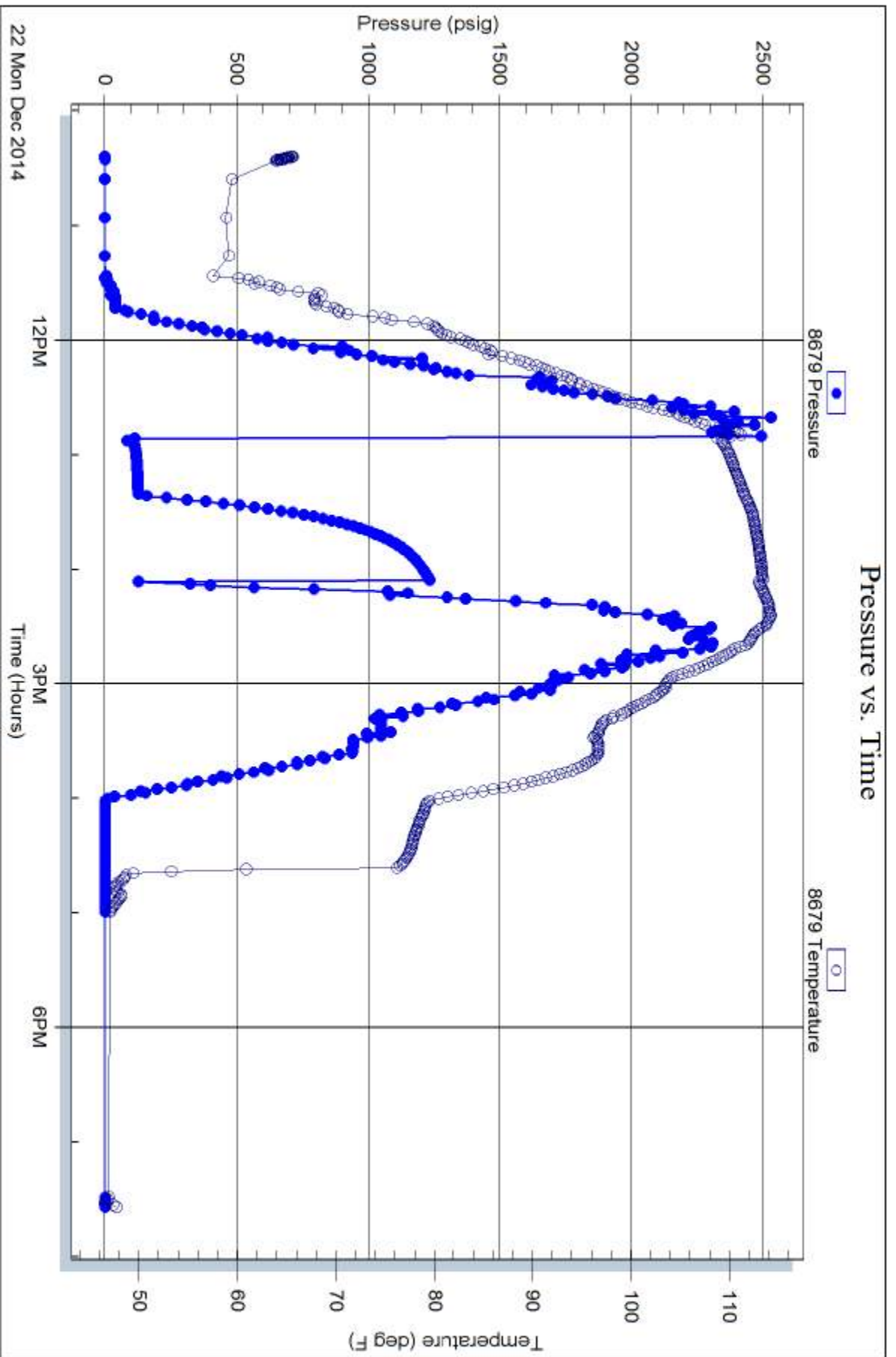
3PM

Serial #: 8679

Below (Straddle)an Warrior, Inc.

O'Brate-Finney #2-5

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 61502

Printed: 2014, 12, 23 @ 16:20:32



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 58650

Well Name & No. O'Brate - Finney #2-5 Test No. 1 Date 12/20  
 Company American Warrior, Inc. Elevation 2862 KB 2853 GL  
 Address 3118 Cumming RD P.O. Box 399 Garden city KS 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke #70  
 Location: Sec. 5 Twp. 23s Rge. 32w Co. Finney State KS

Interval Tested 4750 4792 Zone Tested St. Louis  
 Anchor Length 42 Drill Pipe Run 4735 Mud Wt. 9.2  
 Top Packer Depth 4746 Drill Collars Run Ø Vis 50  
 Bottom Packer Depth 4750 Wt. Pipe Run Ø WL 8.8  
 Total Depth 4792 Chlorides 1900 ppm System LCM 3

Blow Description 30 weak surface blow build to 1 1/2"  
30 No Return  
30 No Blow (Flush tool) blow build to 2 1/2"  
30 No Return

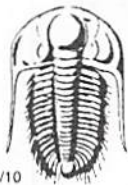
Rec	Feet of	%gas	%oil	%water	%mud
<u>85</u>	<u>mud oil spots</u>	<u>1</u>		<u>99</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 85 BHT 114 Gravity - API RW - @ - °F Chlorides - ppm  
 (A) Initial Hydrostatic 2434  Test 1250 T-On Location 13:45  
 (B) First Initial Flow 21  Jars 250 T-Started 14:25  
 (C) First Final Flow 32  Safety Joint 75 T-Open 17:01  
 (D) Initial Shut-In 1176  Circ Sub N/C T-Pulled 19:01  
 (E) Second Initial Flow 29  Hourly Standby \_\_\_\_\_ T-Out 20:54  
 (F) Second Final Flow 61  Mileage 70 RT 61rt 94.55 Comments \_\_\_\_\_  
 (G) Final Shut-In 1213  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2287  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30  
 Sub Total 1669.55  
 Total 1669.55  
 MP/DST Disc't \_\_\_\_\_

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. **61501**

Well Name & No. O'Boate-Finney # 2-5 Test No. 2 Date 12/21  
 Company American Warrior, Inc Elevation 2862 KB 2853 GL  
 Address 3118 Cumming RD P.O. Box 399 Garden city KS, 67846  
 Co. Rep / Geo. \_\_\_\_\_ Rig Duke #10  
 Location: Sec. 5 Twp. 23S Rge. 32W Co. Finney State KS

Interval Tested 4751 4830 Zone Tested St. Louis  
 Anchor Length 79 Drill Pipe Run 4735 Mud Wt. 9.2  
 Top Packer Depth 4747 Drill Collars Run 0 Vis 50  
 Bottom Packer Depth 4751 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4830 Chlorides 1800 ppm System LCM 3

Blow Description 30 Weak surface blow build to 2"  
30 No Return  
30 Weak surface blow  
30 No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>mud oil spots</u>		<u>1</u>		<u>99</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 35 BHT 114 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2449</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>515</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>545</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>805</u>
(D) Initial Shut-In <u>1212</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>1005</u>
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1154</u>
(F) Second Final Flow <u>34</u>	<input checked="" type="checkbox"/> Mileage <u>70 BT</u> 94.55	Comments _____
(G) Final Shut-In <u>1172</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2247</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>1669.55</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____

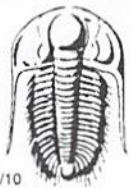
Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Sub Total 1669.55

Approved By \_\_\_\_\_

Our Representative John Davis

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. **61502**

Well Name & No. O'Brate - Finney # 2-5 Test No. 3 Date 12/22  
 Company American Warrior, Inc. Elevation 2842 KB 2853 GL  
 Address 3118 Cumming RD P.O. Box 399 Garden city ks, 67846  
 Co. Rep / Geo. Kevin Timson Rig Duke # 10  
 Location: Sec. 5 Twp. 23s Rge. 32w Co. Finney State Ks

Interval Tested 4660 4715 Zone Tested \_\_\_\_\_  
 Anchor Length Anchor 55 195 Tall pipe Drill Pipe Run 4642 Mud Wt. 9.2  
 Top Packer Depth 4656 Drill Collars Run 0 Vis 50  
 Bottom Packer Depth 4660 Wt. Pipe Run 0 WL 8.8  
 Total Depth 4715 Chlorides 1500 ppm System LCM 3

Blow Description 30 Vent surface flow build to 10 1/2"  
45 No Return  
45 B.O.B in 2 mins check hole could not fall hole  
00 Then pulled it Miss Run

Rec	Feet of	%gas	%oil	%water	%mud
<u>2558</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 2558 BHT 114 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2456  
 (B) First Initial Flow 66  
 (C) First Final Flow 93  
 (D) Initial Shut-In 1194  
 (E) Second Initial Flow 93  
 (F) Second Final Flow \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  
 (H) Final Hydrostatic 2064

Test 950  
 Jars 250  
 Safety Joint 75  
 Circ Sub 50  
 Hourly Standby \_\_\_\_\_  
 Mileage 70 RT x 2 94.55  
 Sampler \_\_\_\_\_ 94.55  
 Straddle 600  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 2114.10

T-On Location 10:20  
 T-Started 10:24  
 T-Open 12:50  
 T-Pulled ~~10:50~~  
 T-Out 17:04

Comments \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 2114.10  
 MP/DST Disc't \_\_\_\_\_

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

Approved By \_\_\_\_\_ Our Representative Justin Harris

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