



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

P.O. Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Lewis #1-26**

#### **26-15s-30w Gove, KS**

Start Date: 2016.09.02 @ 20:16:15

End Date: 2016.09.03 @ 03:02:30

Job Ticket #: 65605                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.09.06 @ 09:37:30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
P.O. Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

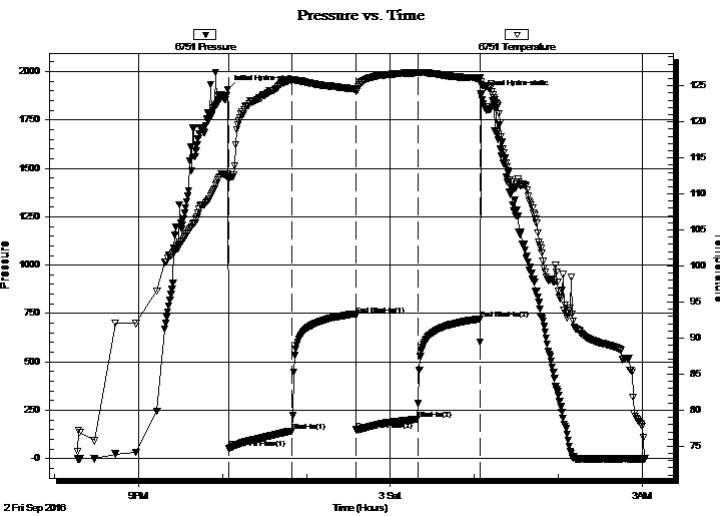
**26-15s-30w Gove, KS**  
**Lewis #1-26**  
Job Ticket: 65605      **DST#: 1**  
Test Start: 2016.09.02 @ 20:16:15

## GENERAL INFORMATION:

Formation: **LKC "H-J"**  
Deviated: No Whipstock: ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
Time Tool Opened: 22:04:15      Tester: Mike Roberts  
Time Test Ended: 03:02:30      Unit No: 81  
**Interval: 3903.00 ft (KB) To 3990.00 ft (KB) (TVD)**      Reference Elevations: 2645.00 ft (KB)  
Total Depth: 3903.00 ft (KB) (TVD)      2637.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 8.00 ft

**Serial #: 6751      Outside**  
Press@RunDepth: 203.29 psig @ 3905.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2016.09.02      End Date: 2016.09.03      Last Calib.: 2016.09.03  
Start Time: 20:16:15      End Time: 03:02:30      Time On Btm: 2016.09.02 @ 22:03:45  
Time Off Btm: 2016.09.03 @ 01:04:45

TEST COMMENT: IF: Built to 4" blow  
IS: No return blow  
FF: Built to 6" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1906.47	112.78	Initial Hydro-static
1	51.88	112.10	Open To Flow (1)
46	142.13	125.76	Shut-In(1)
92	739.79	124.52	End Shut-In(1)
92	148.24	124.27	Open To Flow (2)
136	203.29	126.80	Shut-In(2)
181	721.68	126.05	End Shut-In(2)
181	1883.45	125.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
248.00	mud 100% m	3.48
124.00	w cm \$0%w 60% m with oil spots in tool	1.74

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior, Inc

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65605

**DST#: 1**

ATTN: Jason Alm

Test Start: 2016.09.02 @ 20:16:15

## Tool Information

Drill Pipe:	Length: 3910.00 ft	Diameter: 3.80 inches	Volume: 54.85 bbl	Tool Weight: 1500.00 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: 70000.00 lb
			<u>Total Volume: 54.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 53000.00 lb
Depth to Top Packer:	3903.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 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			3884.00	
Shut In Tool	5.00			3889.00	
Hydraulic tool	5.00			3894.00	
Packer	5.00			3899.00	20.00 Bottom Of Top Packer
Packer	4.00			3903.00	
Stubb	1.00			3904.00	
Perforations	1.00			3905.00	
Recorder	0.00	8672	Inside	3905.00	
Recorder	0.00	6751	Outside	3905.00	
Change Over Sub	1.00			3906.00	
Drill Pipe	63.00			3969.00	
Change Over Sub	1.00			3970.00	
Perforations	15.00			3985.00	
Bullnose	5.00			3990.00	87.00 Bottom Packers & Anchor

**Total Tool Length: 107.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65605

**DST#: 1**

ATTN: Jason Alm

Test Start: 2016.09.02 @ 20:16:15

## 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:

17000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in<sup>3</sup>

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 bbbl
248.00	mud 100%m	3.479
124.00	w cm \$0%w 60% m w ith oil spots in tool	1.739

Total Length: 372.00 ft      Total Volume: 5.218 bbl

Num Fluid Samples: 0

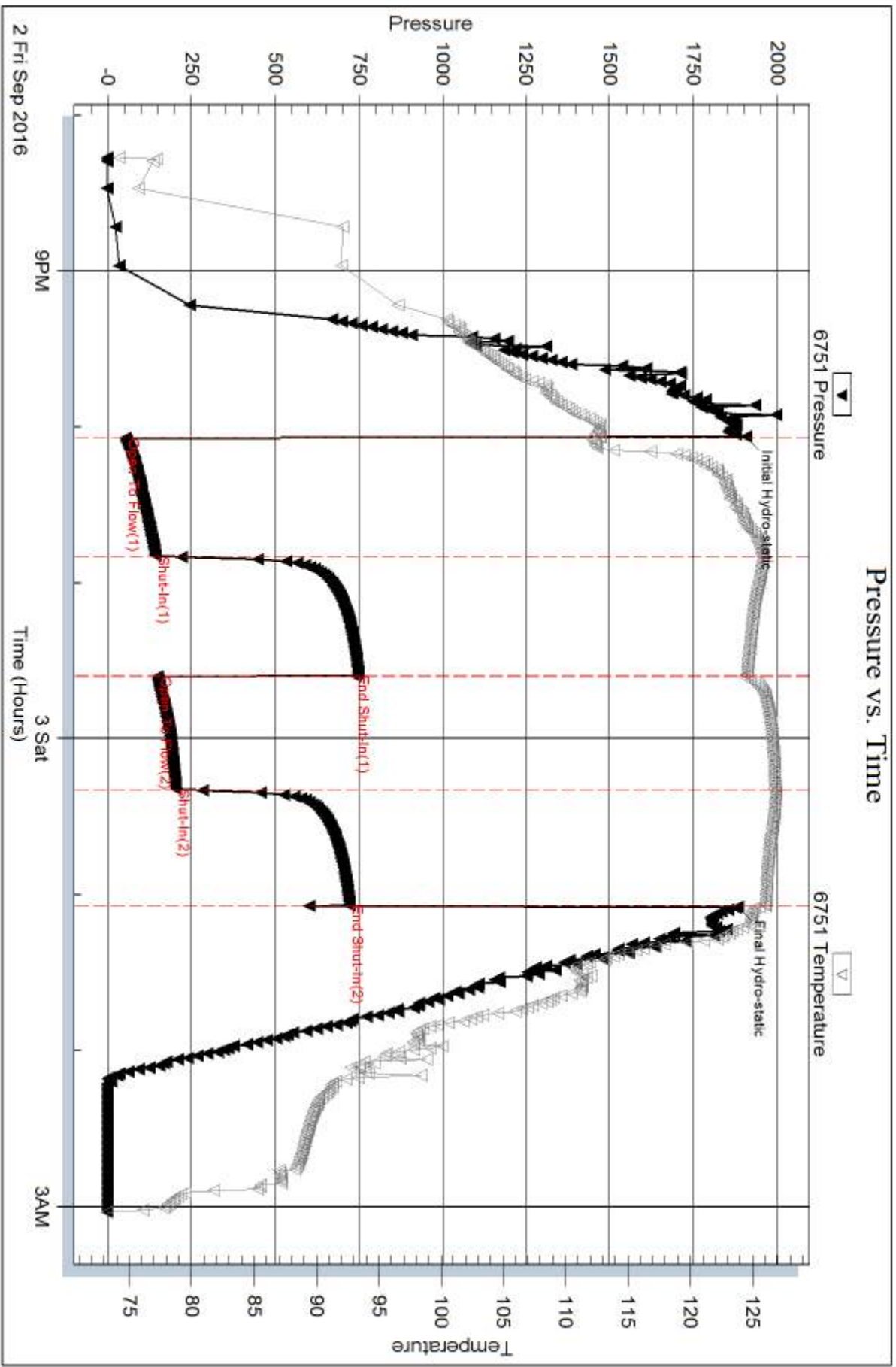
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .562 @ 56.3\*= 17,000 ppm



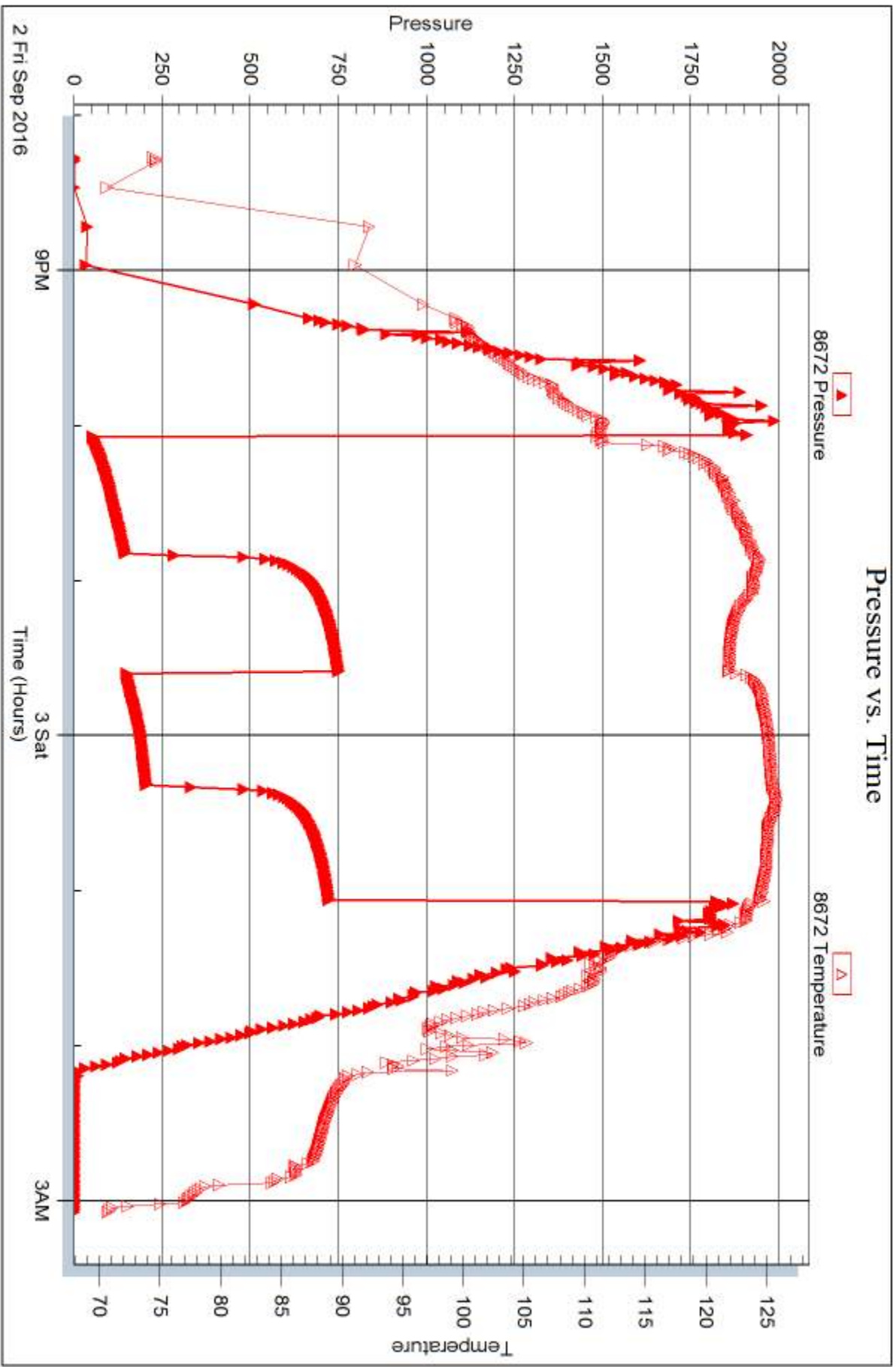
Serial #: 8672

Inside

American Warrior, Inc

Lew is #1-26

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65605

Printed: 2016.09.06 @ 09:37:32



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

P.O. Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Lewis #1-26**

### **26-15s-30w Gove, KS**

Start Date: 2016.09.03 @ 12:23:15

End Date: 2016.09.03 @ 18:49:00

Job Ticket #: 65606                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
P.O. Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**26-15s-30w Gove, KS**  
**Lewis #1-26**  
Job Ticket: 65606 **DST#: 2**  
Test Start: 2016.09.03 @ 12:23:15

## GENERAL INFORMATION:

Formation: **LKC "L"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 14:03:15  
Time Test Ended: 18:49:00  
Interval: **4021.00 ft (KB) To 4041.00 ft (KB) (TVD)**  
Total Depth: 4041.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Mike Roberts  
Unit No: 81  
Reference Elevations: 2645.00 ft (KB)  
2637.00 ft (CF)  
KB to GR/CF: 8.00 ft

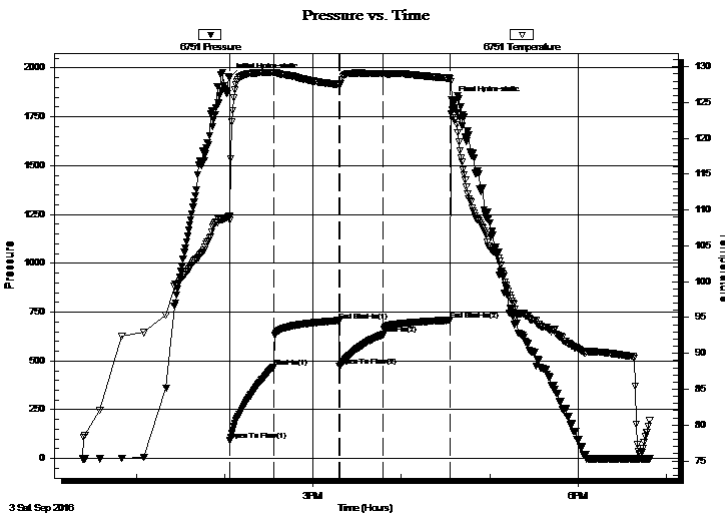
## Serial #: 6751

Outside

Press@RunDepth: 635.33 psig @ 4036.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2016.09.03 End Date: 2016.09.03 Last Calib.: 2016.09.03  
Start Time: 12:23:15 End Time: 18:49:00 Time On Btm: 2016.09.03 @ 14:03:00  
Time Off Btm: 2016.09.03 @ 16:34:15

TEST COMMENT: IF:BOB in 3 min.  
IS:Return blow built to 5 1/2"  
FF:BOB in 4 min.  
FS:Return blow built to 1/2"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1949.58	109.12	Initial Hydro-static
1	91.39	108.56	Open To Flow (1)
30	469.04	129.15	Shut-In(1)
75	705.69	127.49	End Shut-In(1)
75	474.28	127.38	Open To Flow (2)
105	635.33	129.03	Shut-In(2)
150	708.57	128.39	End Shut-In(2)
152	1835.39	125.34	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP = 248 ft	0.00
15.00	gcw mo 5%g 5%w 10%m 80%o	0.21
248.00	ocw gm 10%o 20%w 30%g 40%m	3.48
1178.00	gcow 5%g 10%o 85%w	16.52

\* 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

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65606

**DST#: 2**

ATTN: Jason Alm

Test Start: 2016.09.03 @ 12:23:15

## Tool Information

Drill Pipe:	Length: 4035.00 ft	Diameter: 3.80 inches	Volume: 56.60 bbl	Tool Weight: 1500.00 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: 56.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4021.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 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			4002.00	
Shut In Tool	5.00			4007.00	
Hydraulic tool	5.00			4012.00	
Packer	5.00			4017.00	20.00 Bottom Of Top Packer
Packer	4.00			4021.00	
Stubb	1.00			4022.00	
Perforations	14.00			4036.00	
Recorder	0.00	8672	Inside	4036.00	
Recorder	0.00	6751	Outside	4036.00	
Bullnose	5.00			4041.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior, Inc

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65606

**DST#: 2**

ATTN: Jason Alm

Test Start: 2016.09.03 @ 12:23:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	GIP = 248 ft	0.000
15.00	gcw mo 5%g 5%w 10%m 80%o	0.210
248.00	ocw gm 10%o 20%w 30%g 40%m	3.479
1178.00	gcow 5%g 10%o 85%w	16.524

Total Length: 1441.00 ft      Total Volume: 20.213 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

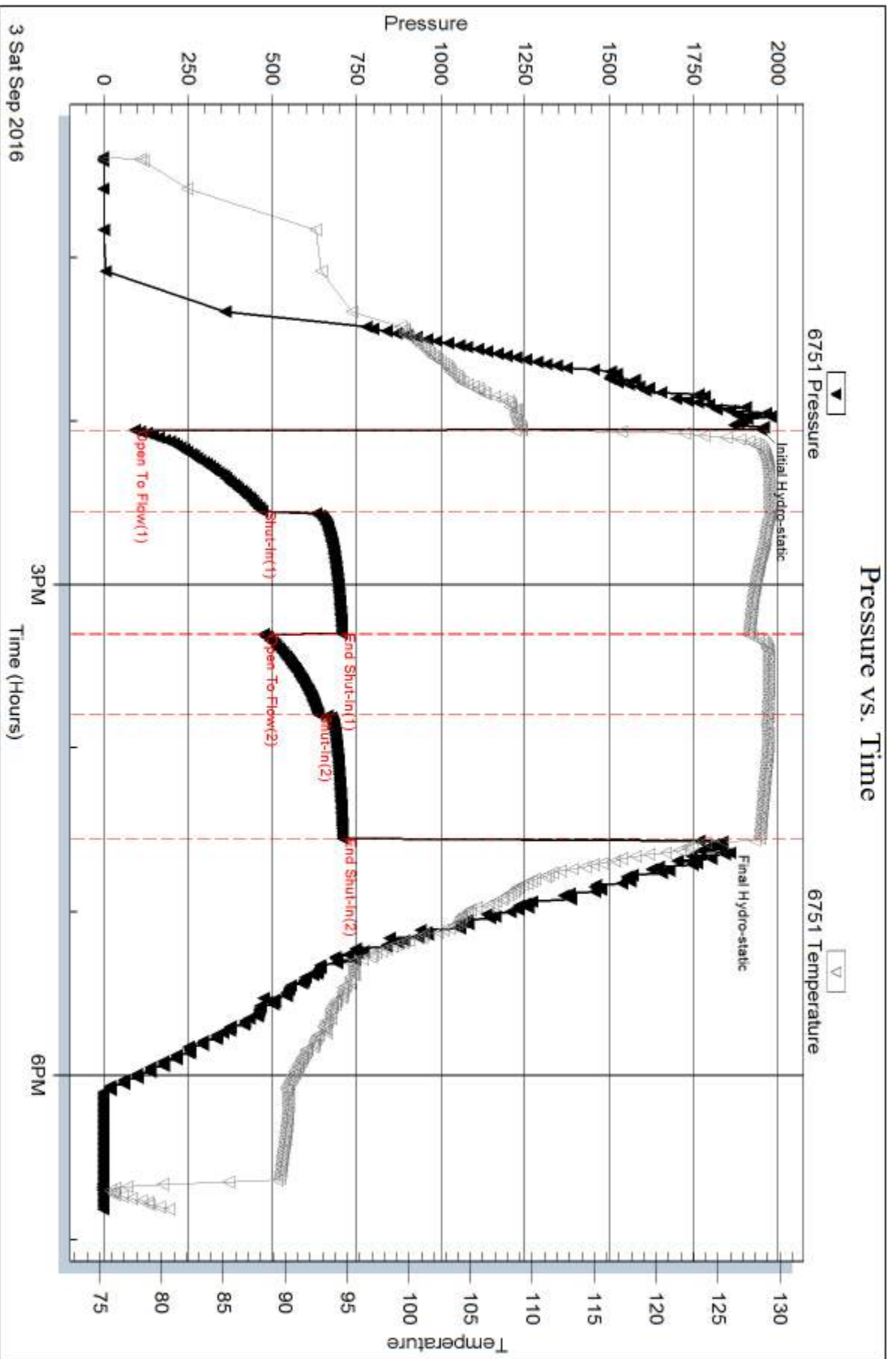
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 26 @ 60

RW= .263@ 88.4 = 30,000 ppm



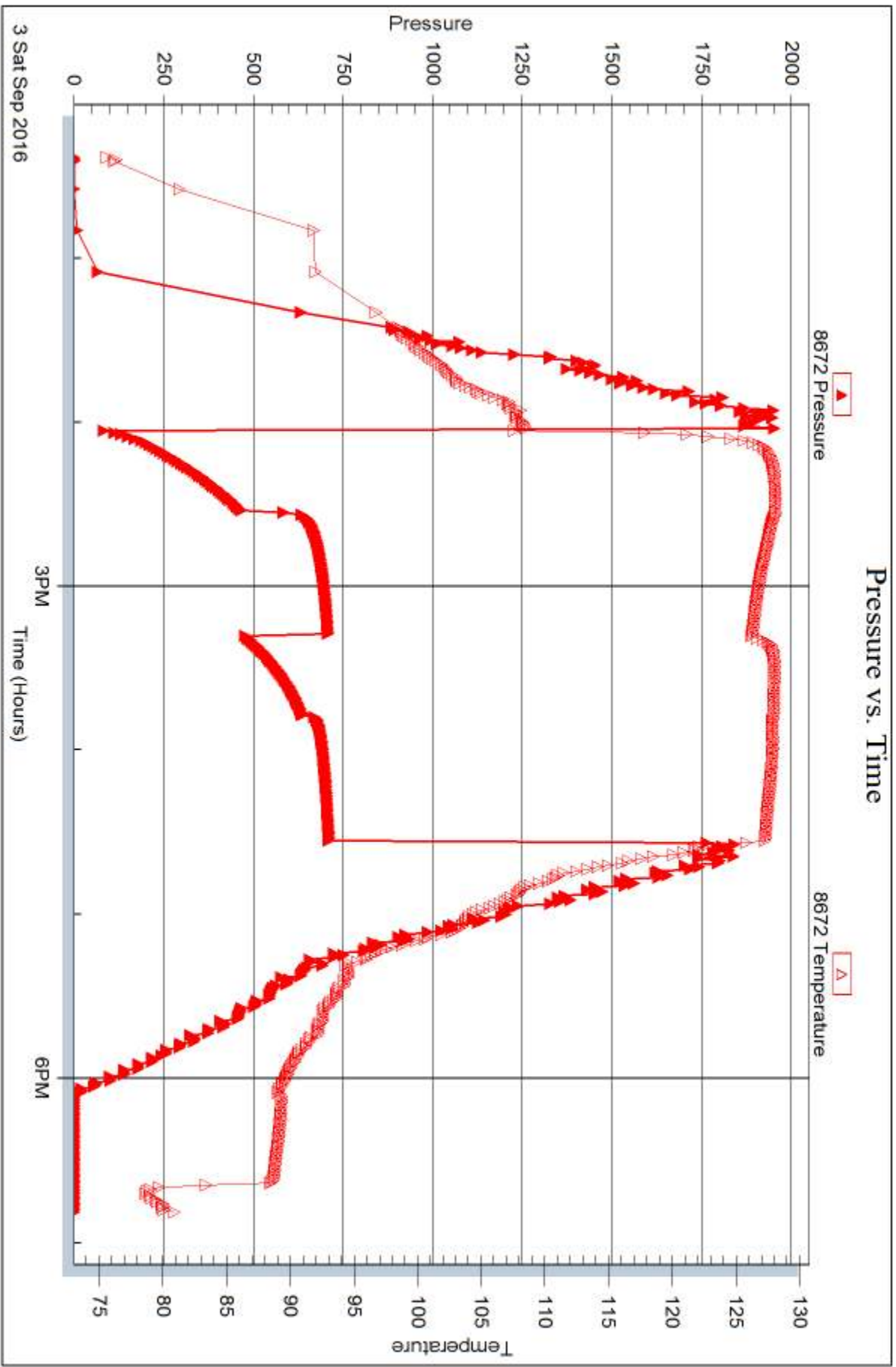
Serial #: 8672

Inside

American Warrior, Inc

Lewis #1-26

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65606

Printed: 2016.09.06 @ 09:36:09



## DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

P.O. Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Lewis #1-26**

### **26-15s-30w Gove, KS**

Start Date: 2016.09.04 @ 18:42:15

End Date: 2016.09.05 @ 00:12:15

Job Ticket #: 65607                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.06 @ 09:35:37



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior, Inc  
 P.O. Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

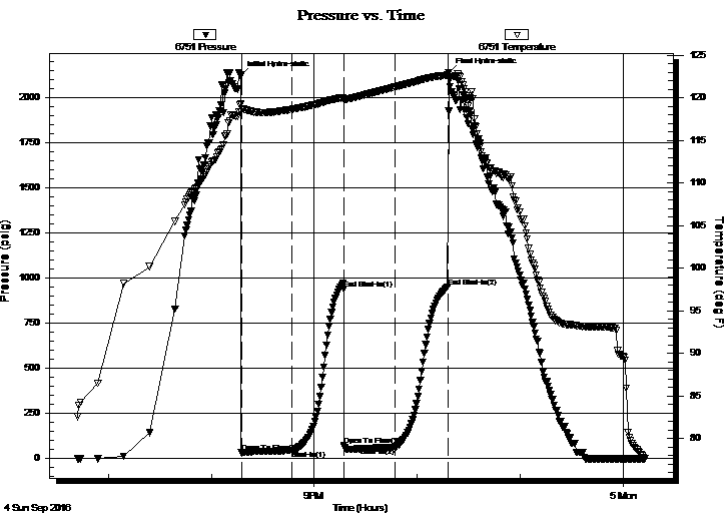
**26-15s-30w Gove, KS**  
**Lewis #1-26**  
 Job Ticket: 65607 **DST#: 3**  
 Test Start: 2016.09.04 @ 18:42:15

## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:17:30  
 Time Test Ended: 00:12:15  
 Interval: **4262.00 ft (KB) To 4320.00 ft (KB) (TVD)**  
 Total Depth: 4320.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 81  
 Reference Elevations: 2645.00 ft (KB)  
 2637.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6751 Outside**  
 Press@RunDepth: 61.56 psig @ 4267.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2016.09.04 End Date: 2016.09.05 Last Calib.: 2016.09.05  
 Start Time: 18:42:15 End Time: 00:12:15 Time On Btm: 2016.09.04 @ 20:17:15  
 Time Off Btm: 2016.09.04 @ 22:18:30

TEST COMMENT: IF: Built to 3" blow  
 IS: No return blow  
 FF: Built to 5" blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.70	119.33	Initial Hydro-static
1	32.37	118.38	Open To Flow (1)
30	45.12	118.67	Shut-In(1)
60	940.32	120.05	End Shut-In(1)
60	73.36	119.79	Open To Flow (2)
90	61.56	121.29	Shut-In(2)
121	951.98	122.68	End Shut-In(2)
122	2140.73	122.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	gco 5%g 95%o	0.21
62.00	gmco 5%g 20%m 75%o	0.87

\* 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

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65607

**DST#: 3**

ATTN: Jason Alm

Test Start: 2016.09.04 @ 18:42:15

## Tool Information

Drill Pipe:	Length: 4254.00 ft	Diameter: 3.80 inches	Volume: 59.67 bbl	Tool Weight: 1500.00 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: 59.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4262.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 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			4243.00	
Shut In Tool	5.00			4248.00	
Hydraulic tool	5.00			4253.00	
Packer	5.00			4258.00	20.00 Bottom Of Top Packer
Packer	4.00			4262.00	
Stubb	1.00			4263.00	
Perforations	4.00			4267.00	
Recorder	0.00	8672	Inside	4267.00	
Recorder	0.00	6751	Outside	4267.00	
Change Over Sub	1.00			4268.00	
Drill Pipe	32.00			4300.00	
Change Over Sub	1.00			4301.00	
Perforations	14.00			4315.00	
Bullnose	5.00			4320.00	58.00 Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

American Warrior, Inc

**26-15s-30w Gove, KS**

P.O. Box 399  
Garden City, KS 67846

**Lewis #1-26**

Job Ticket: 65607

**DST#: 3**

ATTN: Jason Alm

Test Start: 2016.09.04 @ 18:42:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 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: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	gco 5%g 95%o	0.210
62.00	gmco 5%g 20%m 75%o	0.870

Total Length: 77.00 ft      Total Volume: 1.080 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

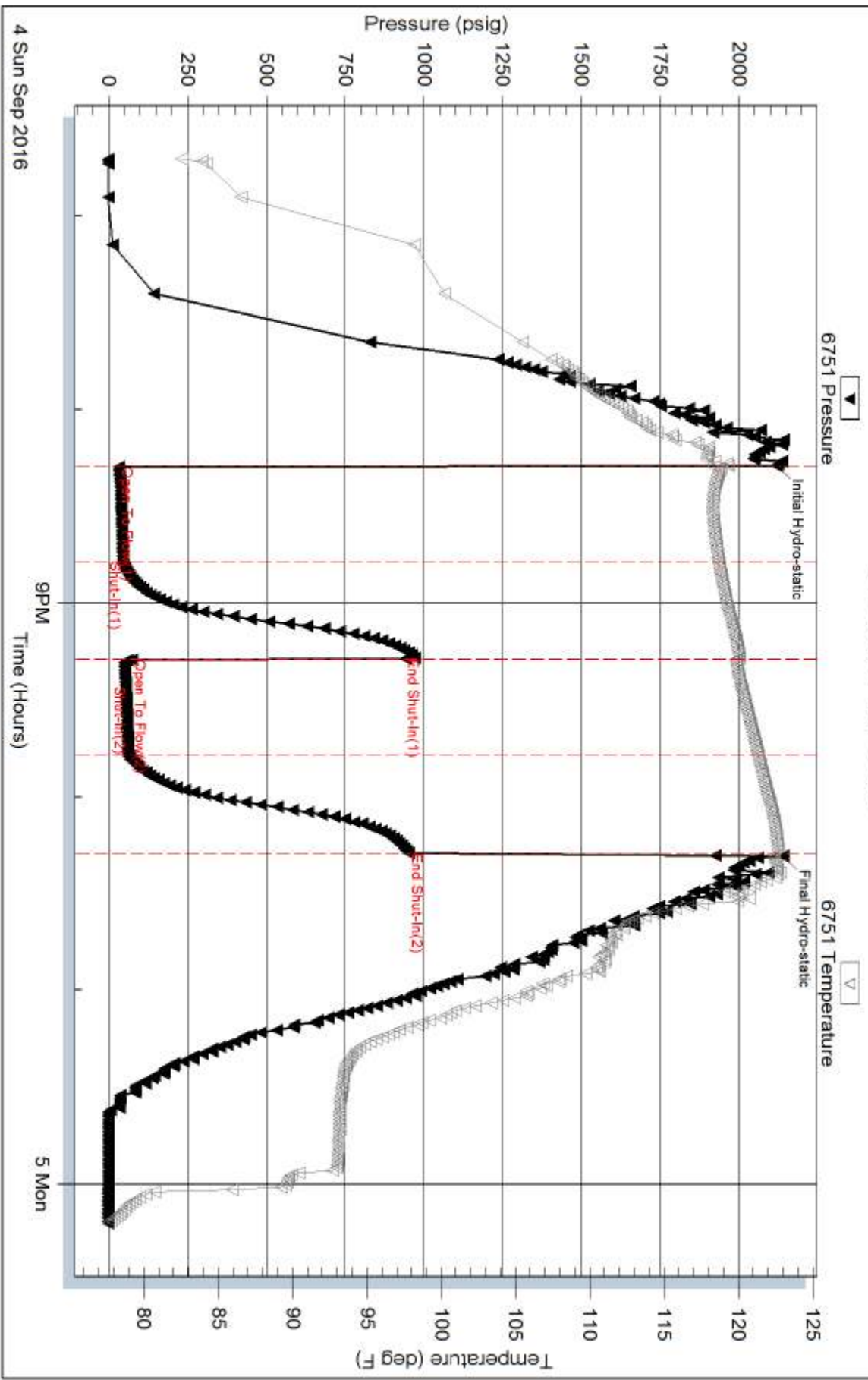
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 29@80 corrected to 27 @ 60

### Pressure vs. Time



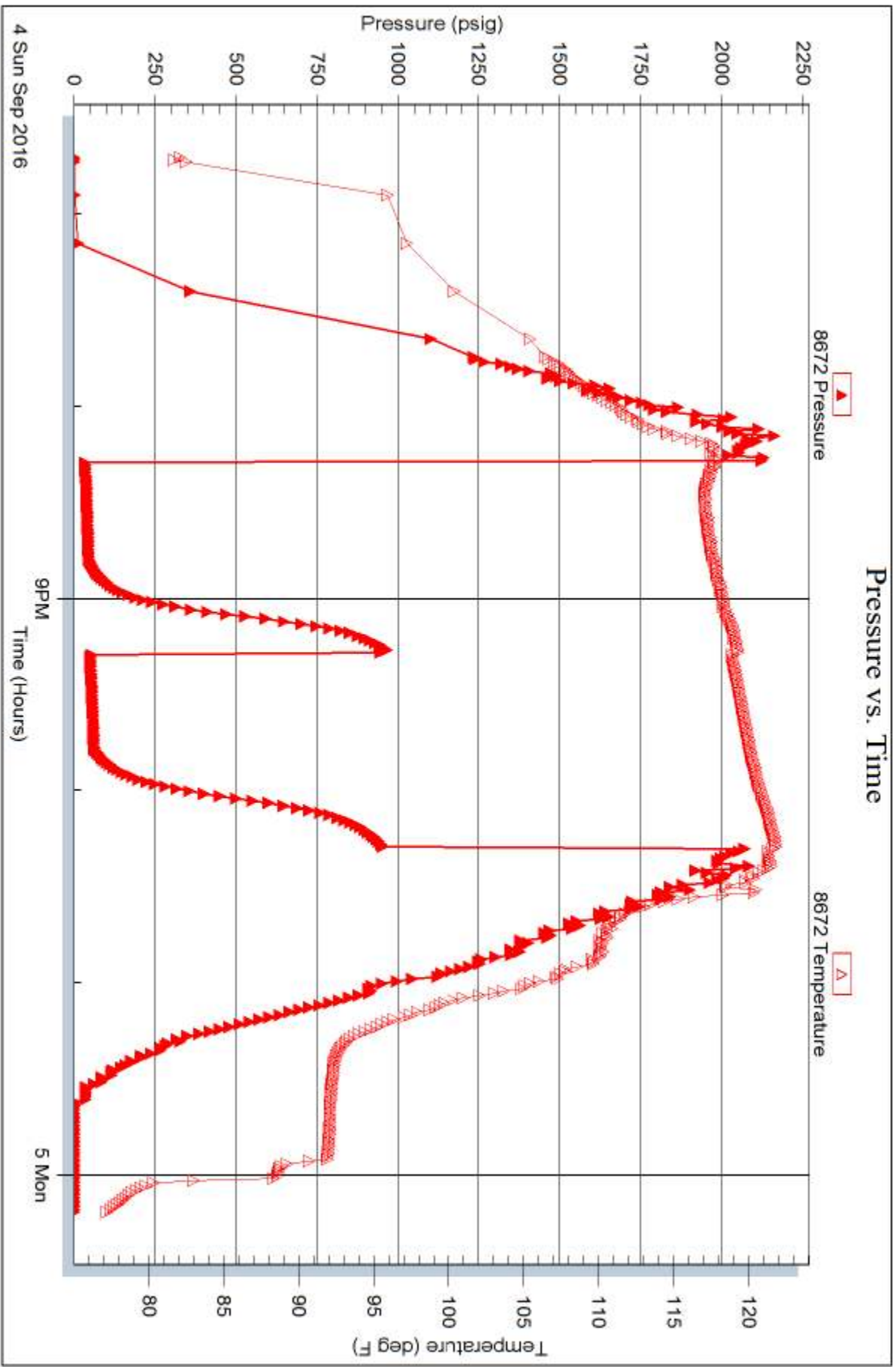
Serial #: 8672

Inside

American Warrior, Inc

Lewis #1-26

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65607

Printed: 2016.09.06 @ 09:35:38



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **65605**

Well Name & No. Lewis #1-26 Test No. 1 Date 9-2-16  
 Company American Warrior, Inc Elevation 2645 KB 2637 GL  
 Address P.O. Box 399 Garden City KS 678463910  
 Co. Rep / Geo. Jason Alm Rig Disco 2  
 Location: Sec. 26 Twp. 15S Rge. 30W Co. Grove State KS

Interval Tested 3903-3990 Zone Tested H-J  
 Anchor Length 87 Drill Pipe Run 3910 Mud Wt. 8.9  
 Top Packer Depth 3898 Drill Collars Run Ø Vis 60  
 Bottom Packer Depth 3903 Wt. Pipe Run Ø WL 6.4  
 Total Depth 3990 Chlorides 2300 ppm System LCM 3

Blow Description IF: Built to 4" Blow  
IS: No Return Blow  
FF: Built to 6" Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>248</u>	<u>Feet of MUD</u>				
<u>124</u>	<u>Feet of WCM oil spots in tool</u>		<u>40</u>	<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 372 BHT 126 Gravity — API RW 562 @ 52.3° F Chlorides 17000 ppm  
 (A) Initial Hydrostatic 1906  Test \$1050.00 T-On Location 17:50  
 (B) First Initial Flow 51  Jars — T-Started 20:16  
 (C) First Final Flow 142  Safety Joint — T-Open 22:05  
 (D) Initial Shut-In 739  Circ Sub NC T-Pulled 01:05  
 (E) Second Initial Flow 148  Hourly Standby — T-Out 03:02  
 (F) Second Final Flow 203  Mileage BORT = \$60.00 Comments —  
 (G) Final Shut-In 721  Sampler —  
 (H) Final Hydrostatic 1883  Straddle —  Ruined Shale Packer —

Initial Open 45  Shale Packer —  Ruined Packer —  
 Initial Shut-In 45  Extra Packer —  Extra Copies —  
 Final Flow 45  Extra Recorder — Sub Total 0  
 Final Shut-In 45  Day Standby — Total 1110  
 Accessibility — MP/DST Disc't —  
 Sub Total \$1110.00/-

Approved By — Our Representative Mike Roberts

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. **65606**

Well Name & No. Lewis #1-26 Test No. 2 Date 9-3-16  
 Company American Warrior Inc Elevation 2645 KB 2637 GL  
 Address P.O. Box 399 Garden City KS 67846  
 Co. Rep / Geo. Jasan Alm Rig Disco 2  
 Location: Sec. 26 Twp. 15S Rge. 30W Co. Grove State KS

Interval Tested 4021-4041 Zone Tested "L"  
 Anchor Length 20 Drill Pipe Run 4035 Mud Wt. 9.0  
 Top Packer Depth 4016 Drill Collars Run 0 Vis 60  
 Bottom Packer Depth 4021 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4041 Chlorides 3600 ppm System LCM 2

Blow Description IF: BOB in 3 Min  
IS: Return Blow Built to 5 1/2"  
FF: BOB in 4 Min  
FS: Return Blow Built to 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>Feet of GIP = 248 ft</u>	<u>100</u>			
<u>15</u>	<u>Feet of gowmo</u>	<u>5</u>	<u>80</u>	<u>5</u>	<u>10</u>
<u>248</u>	<u>Feet of ocwgm</u>	<u>30</u>	<u>10</u>	<u>20</u>	<u>40</u>
<u>1178</u>	<u>Feet of gcow</u>	<u>5</u>	<u>10</u>	<u>85</u>	

Rec Total 1441 BHT 126 Gravity API RW, 263 @ 88.4° F Chlorides 30,000 ppm  
 (A) Initial Hydrostatic 1949  Test \$1150.00/- T-On Location 11:30  
 (B) First Initial Flow 91  Jars T-Started 12:23  
 (C) First Final Flow 469  Safety Joint T-Open 14:03  
 (D) Initial Shut-In 705  Circ Sub NC T-Pulled 16:33  
 (E) Second Initial Flow 474  Hourly Standby T-Out 18:49  
 (F) Second Final Flow 635  Mileage BORT = \$60.00/- Comments \_\_\_\_\_  
 (G) Final Shut-In 705  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1835  Straddle \_\_\_\_\_

Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies 0  
 Day Standby \_\_\_\_\_ Sub Total 1210.00  
 Accessibility \_\_\_\_\_ Total \_\_\_\_\_  
 Sub Total \$1210.00/- MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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. **65607**

Well Name & No. Lewis #1-26 Test No. 3 Date 9-4-16  
 Company American Warrior Inc Elevation 2645 KB 2637 GL  
 Address P.O. Box 299 Garden City KS 67846  
 Co. Rep / Geo. Jasan Alm Rig Disco 2  
 Location: Sec. 26 Twp. 15S Rge. 30W Co. Grove State KS

Interval Tested 4262-4320 Zone Tested Johnson  
 Anchor Length 58 Drill Pipe Run 4254 Mud Wt. 9.0  
 Top Packer Depth 4257 Drill Collars Run 0 Vis 59  
 Bottom Packer Depth 4262 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4320 Chlorides 1400 ppm System LCM 2  
 Blow Description IF: Built to 3" Blow  
IS: No Return Blow  
FF: Built to 5" Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Free Oil</u>	<u>100</u>			
<u>62</u>	<u>gcmo</u>	<u>5</u>	<u>75</u>	<u>20</u>	

Rec Total 77 BHT 123 Gravity 27 API RW @ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2120  Test \$1150.00/- T-On Location 18:10  
 (B) First Initial Flow 32  Jars \_\_\_\_\_ T-Started 18:42  
 (C) First Final Flow 45  Safety Joint \_\_\_\_\_ T-Open 20:17  
 (D) Initial Shut-In 940  Circ Sub NC T-Pulled 22:17  
 (E) Second Initial Flow 73  Hourly Standby \_\_\_\_\_ T-Out 00:12  
 (F) Second Final Flow 61  Mileage BORT = \$60.00/- Comments \_\_\_\_\_  
 (G) Final Shut-In 957  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2140  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1210.00  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total \$1210.00/-

Approved By \_\_\_\_\_ Our Representative Mike Roberts

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