



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Meyers #3-9

9-33s-31w Seward,KS

Start Date: 2015.07.08 @ 15:07:29

End Date: 2015.07.09 @ 03:00:44

Job Ticket #: 59807 DST #: 1

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

Printed: 2015.07.15 @ 16:03:19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59807

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.07.08 @ 15:07:29

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:18:44

Time Test Ended: 03:00:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 53

Interval: 4990.00 ft (KB) To 5200.00 ft (KB) (TVD)

Reference Elevations: 2790.00 ft (KB)

Total Depth: 5200.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8931

Inside

Press@RunDepth: 409.27 psig @ 4991.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.08

End Date:

2015.07.09

Last Calib.:

2015.07.09

Start Time:

15:07:34

End Time:

03:00:44

Time On Btm:

2015.07.08 @ 19:17:14

Time Off Btm:

2015.07.08 @ 22:22:14

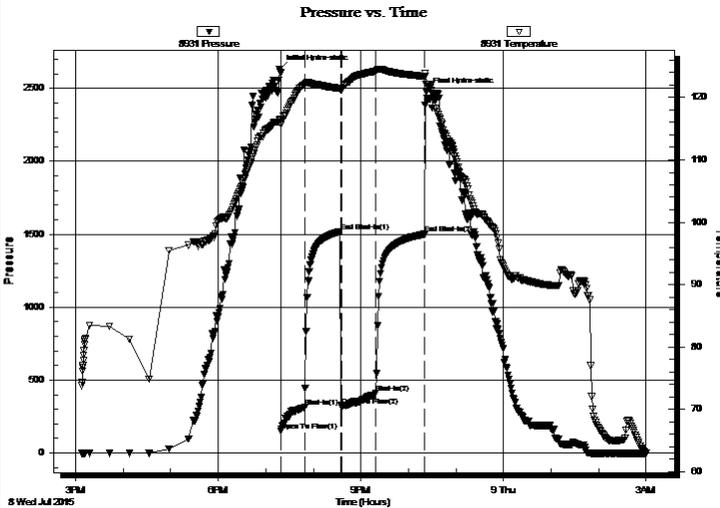
TEST COMMENT: IF: Fair - Strong blow . B.O.B. in 19 mins.

IS: No blow .

FF: Fair - Strong blow . Surf., - 10 1/2".

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2632.74	116.44	Initial Hydro-static
2	153.04	115.69	Open To Flow (1)
32	314.14	122.05	Shut-In(1)
77	1517.73	121.47	End Shut-In(1)
78	321.22	121.25	Open To Flow (2)
122	409.27	124.23	Shut-In(2)
184	1501.23	123.35	End Shut-In(2)
185	2477.17	122.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Trc Oil GWCM 2%g 8%w 90%m	0.30
60.00	Trc Oil GM 10%g 90%m	0.30
60.00	Trc Oil GWCM 5%g 15%w 80%m	0.30
60.00	Slt Oil GWCM 10%g 25%w 65%m	0.30
61.00	Slt Oil GWCM 10%g 10%w 80%m	0.57
62.00	OGCM 1%o 19%g 79%m	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59807

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.07.08 @ 15:07:29

Tool Information

Drill Pipe:	Length: 4706.00 ft	Diameter: 3.80 inches	Volume: 66.01 bbl	Tool Weight:	2400.00 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: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	95000.00 lb
			<u>Total Volume: 67.34 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	90000.00 lb
Depth to Top Packer:	4990.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	210.00 ft				
Tool Length:	238.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Shale Packer is in tool. Requested and replaced bottom packer.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4963.00	
Shut In Tool	5.00			4968.00	
Hydraulic tool	5.00			4973.00	
Jars	5.00			4978.00	
Safety Joint	3.00			4981.00	
Packer	5.00			4986.00	28.00 Bottom Of Top Packer
Packer	4.00			4990.00	
Stubb	1.00			4991.00	
Recorder	0.00	8931	Inside	4991.00	
Recorder	0.00	8671	Outside	4991.00	
Perforations	5.00			4996.00	
Change Over Sub	1.00			4997.00	
Drill Pipe	188.00			5185.00	
Change Over Sub	1.00			5186.00	
Perforations	11.00			5197.00	
Bullnose	3.00			5200.00	210.00 Bottom Packers & Anchor
Total Tool Length:	238.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59807

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.07.08 @ 15:07:29

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:

16000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Trc Oil GWCM 2%g 8%w 90%m	0.295
60.00	Trc Oil GM 10%g 90%m	0.295
60.00	Trc Oil GWCM 5%g 15%w 80%m	0.295
60.00	Slit Oil GWCM 10%g 25%w 65%m	0.295
61.00	Slit Oil GWCM 10%g 10%w 80%m	0.573
62.00	OGCM 1%o 19%g 79%m	0.870
62.00	Slit Oil GM 5%g 95%m	0.870
124.00	GM 1%g 99%m	1.739

Total Length: 549.00 ft Total Volume: 5.232 bbl

Num Fluid Samples: 0

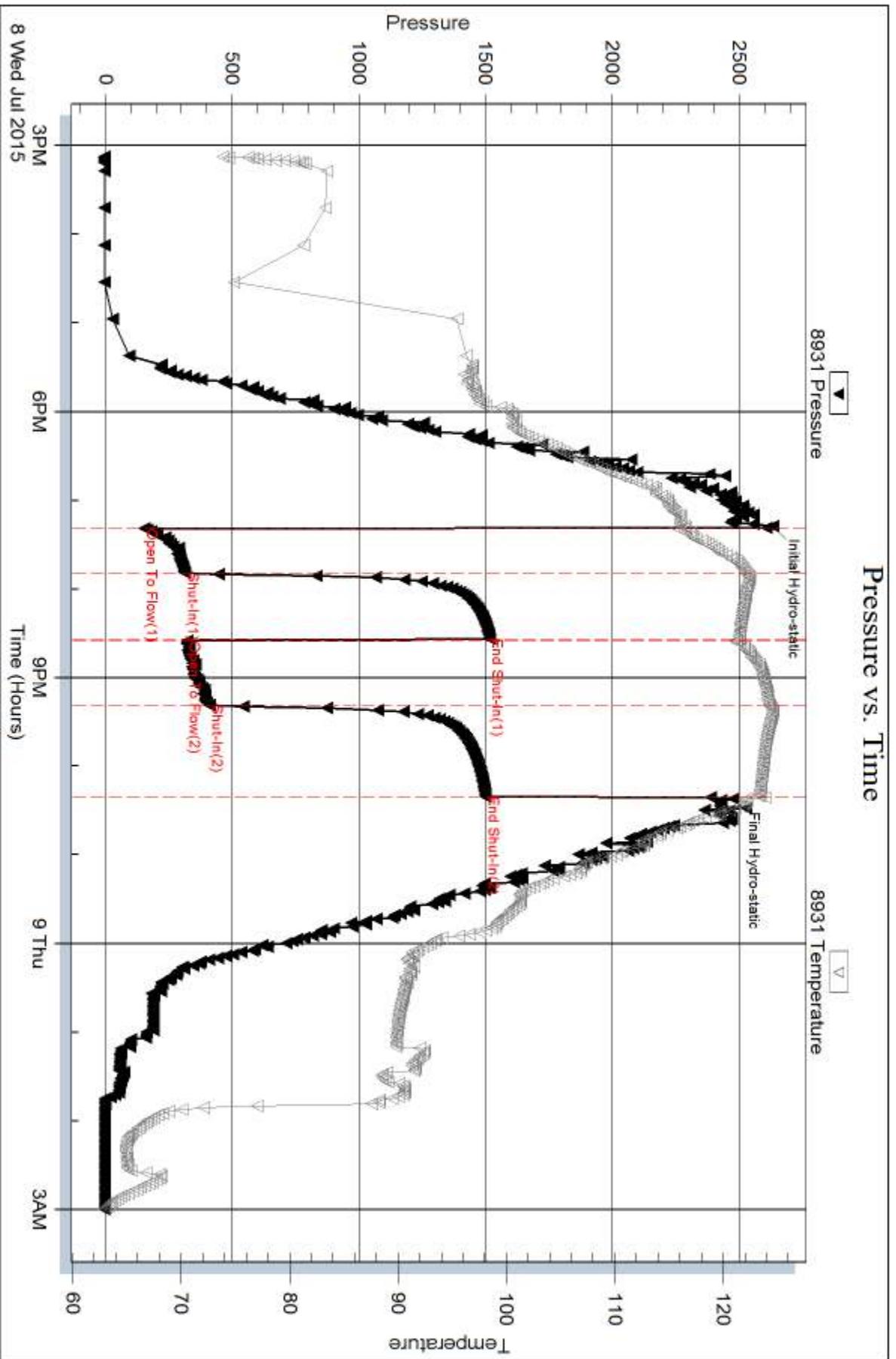
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .45 @ 66 degrees = 16,000 Chlorides.

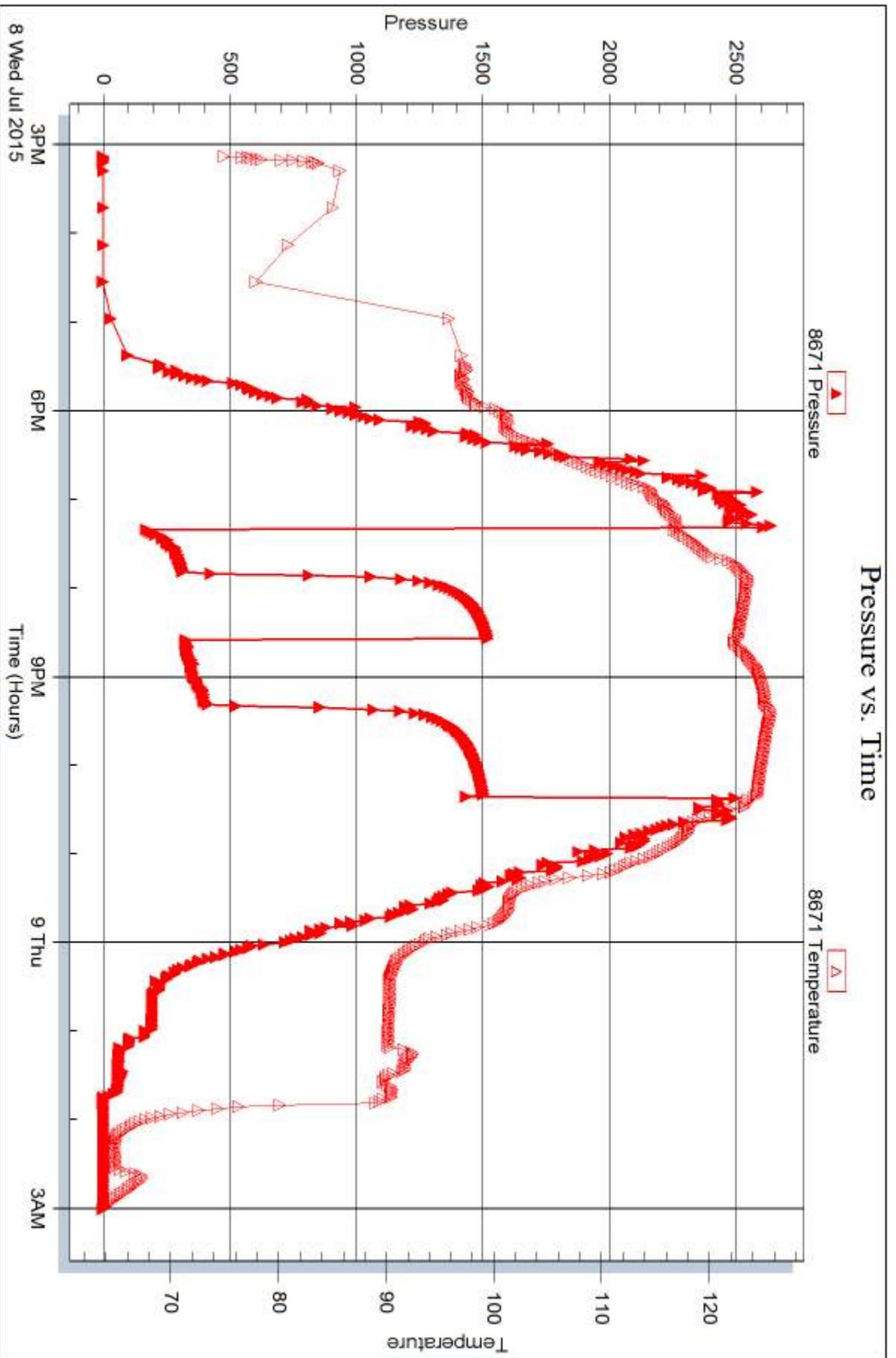


Serial #: 8671

Outside American Warrior, Inc.

Meyers #3-9

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 59807

Printed: 2015.07.15 @ 16:03:35



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Meyers #3-9

9-33s-31w Seward,KS

Start Date: 2015.07.11 @ 01:06:45

End Date: 2015.07.11 @ 13:01:00

Job Ticket #: 59808 DST #: 2

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

Printed: 2015.07.15 @ 16:02:36



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59808

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.07.11 @ 01:06:45

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:10:30

Time Test Ended: 13:01:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 5546.00 ft (KB) To 5710.00 ft (KB) (TVD)

Reference Elevations: 2790.00 ft (KB)

Total Depth: 5710.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8931

Inside

Press@RunDepth: 171.31 psig @ 5547.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.11

End Date:

2015.07.11

Last Calib.:

2015.07.11

Start Time: 01:06:50

End Time:

13:01:00

Time On Btm:

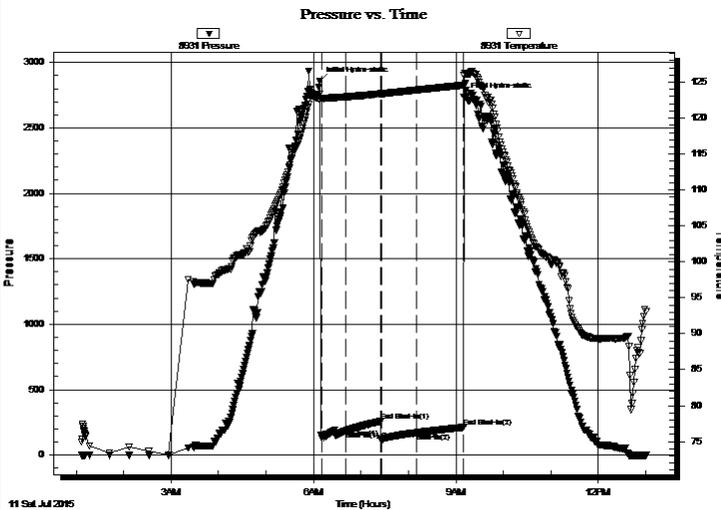
2015.07.11 @ 06:07:45

Time Off Btm:

2015.07.11 @ 09:10:15

TEST COMMENT: IF: Weak - Fair blow . Surf., - 5 1/2".
IS: No blow .
FF: Weak blow . Surf., - 3 1/2", died back to 1".
FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2855.75	123.37	Initial Hydro-static
3	129.54	122.78	Open To Flow (1)
33	184.75	122.97	Shut-In(1)
77	257.34	123.39	End Shut-In(1)
78	116.85	123.36	Open To Flow (2)
122	171.31	123.92	Shut-In(2)
182	212.17	124.62	End Shut-In(2)
183	2734.31	125.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Drig Mud 100% _m	0.32

* 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.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59808

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.07.11 @ 01:06:45

Tool Information

Drill Pipe:	Length: 5270.00 ft	Diameter: 3.80 inches	Volume: 73.92 bbl	Tool Weight:	2400.00 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: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	96000.00 lb
			<u>Total Volume: 75.25 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	92000.00 lb
Depth to Top Packer:	5546.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	164.00 ft				
Tool Length:	192.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Shale Packer is in tool string. Requested in place of bottom packer.

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5519.00	
Shut In Tool	5.00			5524.00	
Hydraulic tool	5.00			5529.00	
Jars	5.00			5534.00	
Safety Joint	3.00			5537.00	
Packer	5.00			5542.00	28.00 Bottom Of Top Packer
Packer	4.00			5546.00	
Stubb	1.00			5547.00	
Recorder	0.00	8931	Inside	5547.00	
Recorder	0.00	8671	Outside	5547.00	
Perforations	5.00			5552.00	
Change Over Sub	1.00			5553.00	
Drill Pipe	125.00			5678.00	
Change Over Sub	1.00			5679.00	
Perforations	28.00			5707.00	
Bullnose	3.00			5710.00	164.00 Bottom Packers & Anchor
Total Tool Length:	192.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59808

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.07.11 @ 01:06:45

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:

3200 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drig Mud 100%m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

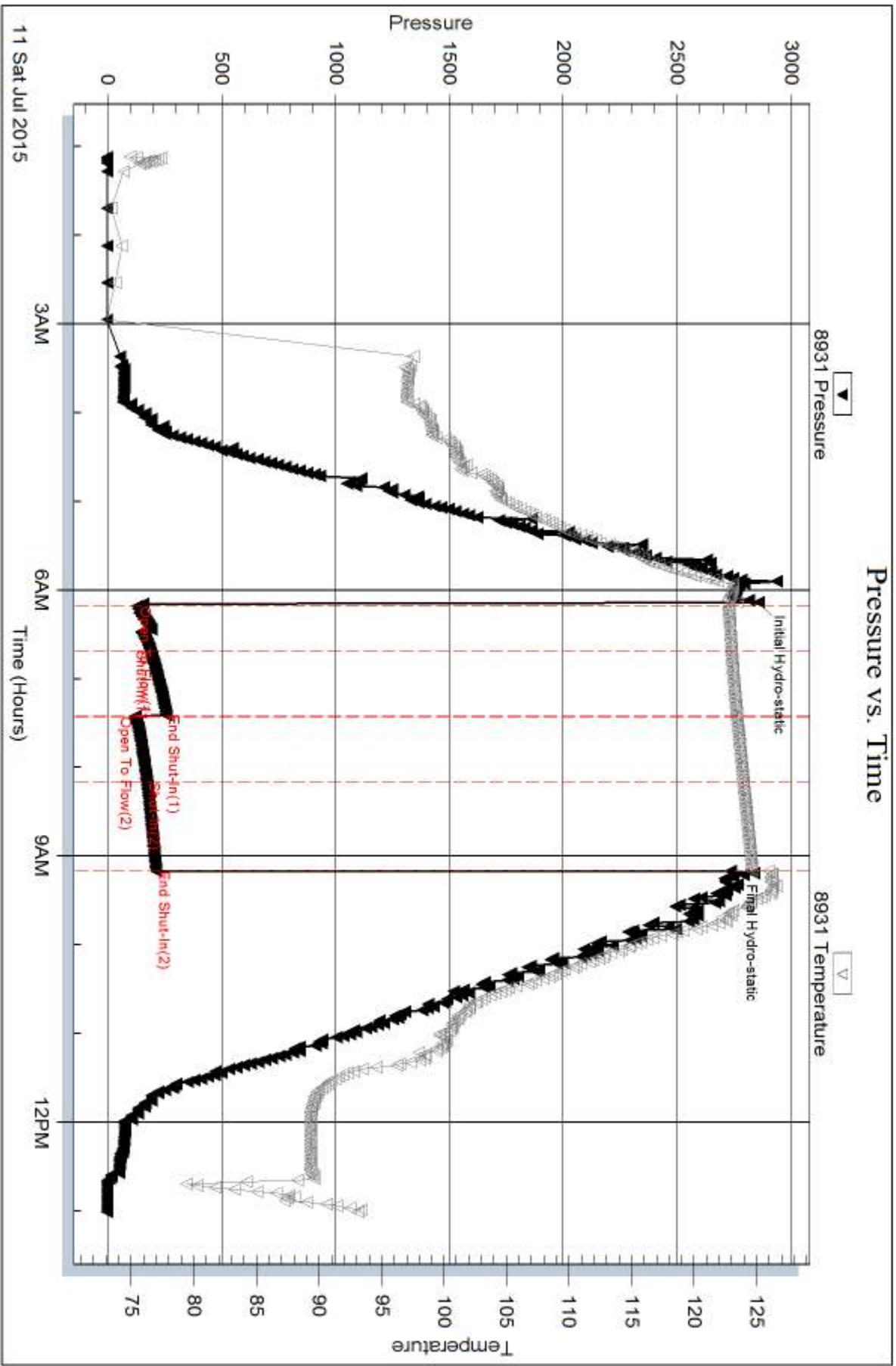
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

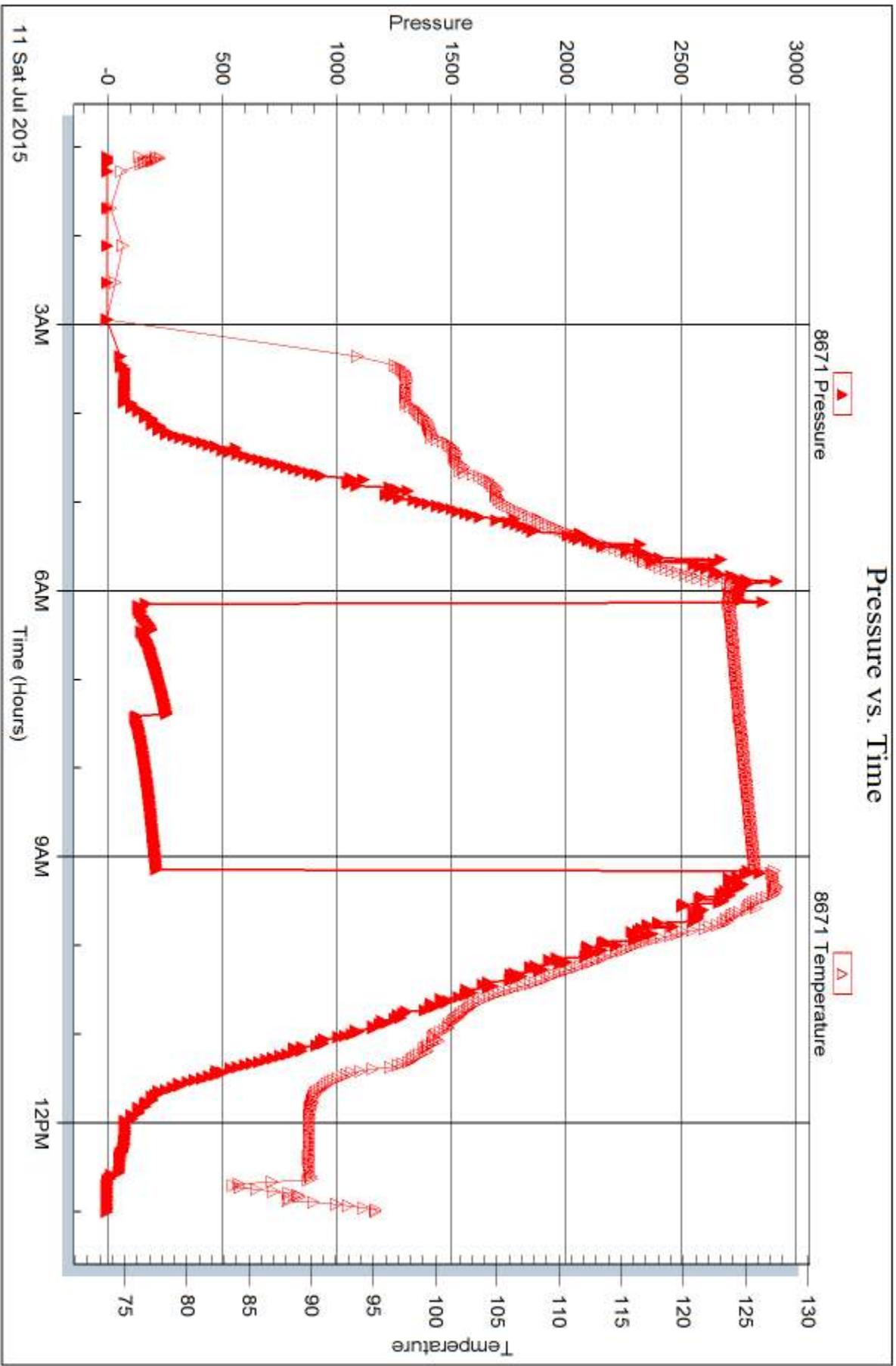


Serial #: 8671

Outside American Warrior, Inc.

Meyers #3-9

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Meyers #3-9

9-33s-31w Seward,KS

Start Date: 2015.07.12 @ 14:24:05

End Date: 2015.07.12 @ 22:43:05

Job Ticket #: 59809 DST #: 3

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

Printed: 2015.07.15 @ 16:01:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59809

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.07.12 @ 14:24:05

GENERAL INFORMATION:

Formation: **Chester**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:43:50

Time Test Ended: 22:43:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 5733.00 ft (KB) To 5873.00 ft (KB) (TVD)

Reference Elevations: 2790.00 ft (KB)

Total Depth: 5873.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8931

Inside

Press@RunDepth: 101.86 psig @ 5734.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.12

End Date:

2015.07.12

Last Calib.:

2015.07.12

Start Time: 14:24:10

End Time:

22:43:04

Time On Btm:

2015.07.12 @ 17:42:05

Time Off Btm:

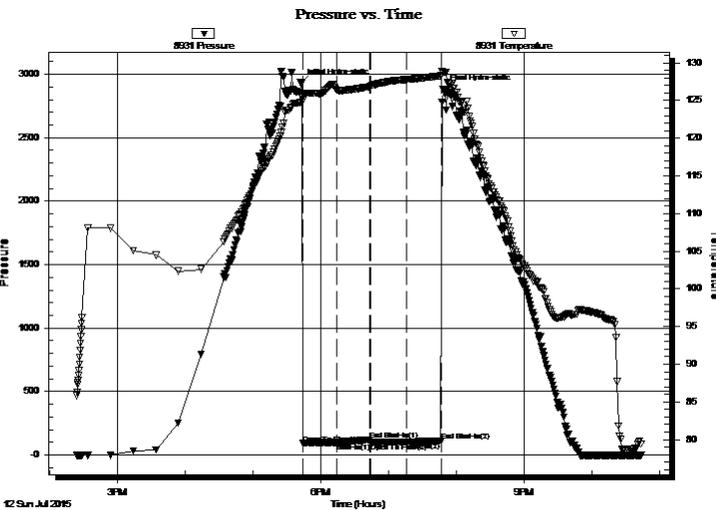
2015.07.12 @ 19:48:05

TEST COMMENT: IF: Weak blow . Surf., - 1".

IS: No blow .

FF: No blow .

FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2932.69	124.80	Initial Hydro-static
2	91.13	124.97	Open To Flow (1)
33	97.77	126.39	Shut-In(1)
62	120.01	126.86	End Shut-In(1)
63	99.64	126.96	Open To Flow (2)
94	101.86	127.79	Shut-In(2)
125	112.77	128.30	End Shut-In(2)
126	2883.97	128.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig 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.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59809

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.07.12 @ 14:24:05

Tool Information

Drill Pipe:	Length: 5459.00 ft	Diameter: 3.80 inches	Volume: 76.58 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 27000.00 lb
Drill Collar:	Length: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 77.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 97000.00 lb
Depth to Top Packer:	5733.00 ft			Final 97000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	140.00 ft			
Tool Length:	168.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer is in place of bottom packer.

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5706.00	
Shut In Tool	5.00			5711.00	
Hydraulic tool	5.00			5716.00	
Jars	5.00			5721.00	
Safety Joint	3.00			5724.00	
Packer	5.00			5729.00	28.00 Bottom Of Top Packer
Packer	4.00			5733.00	
Stubb	1.00			5734.00	
Recorder	0.00	8931	Inside	5734.00	
Recorder	0.00	8671	Outside	5734.00	
Perforations	2.00			5736.00	
Change Over Sub	1.00			5737.00	
Drill Pipe	125.00			5862.00	
Change Over Sub	1.00			5863.00	
Perforations	7.00			5870.00	
Bullnose	3.00			5873.00	140.00 Bottom Packers & Anchor
Total Tool Length:	168.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59809

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.07.12 @ 14:24:05

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:

3500 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig Mud 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

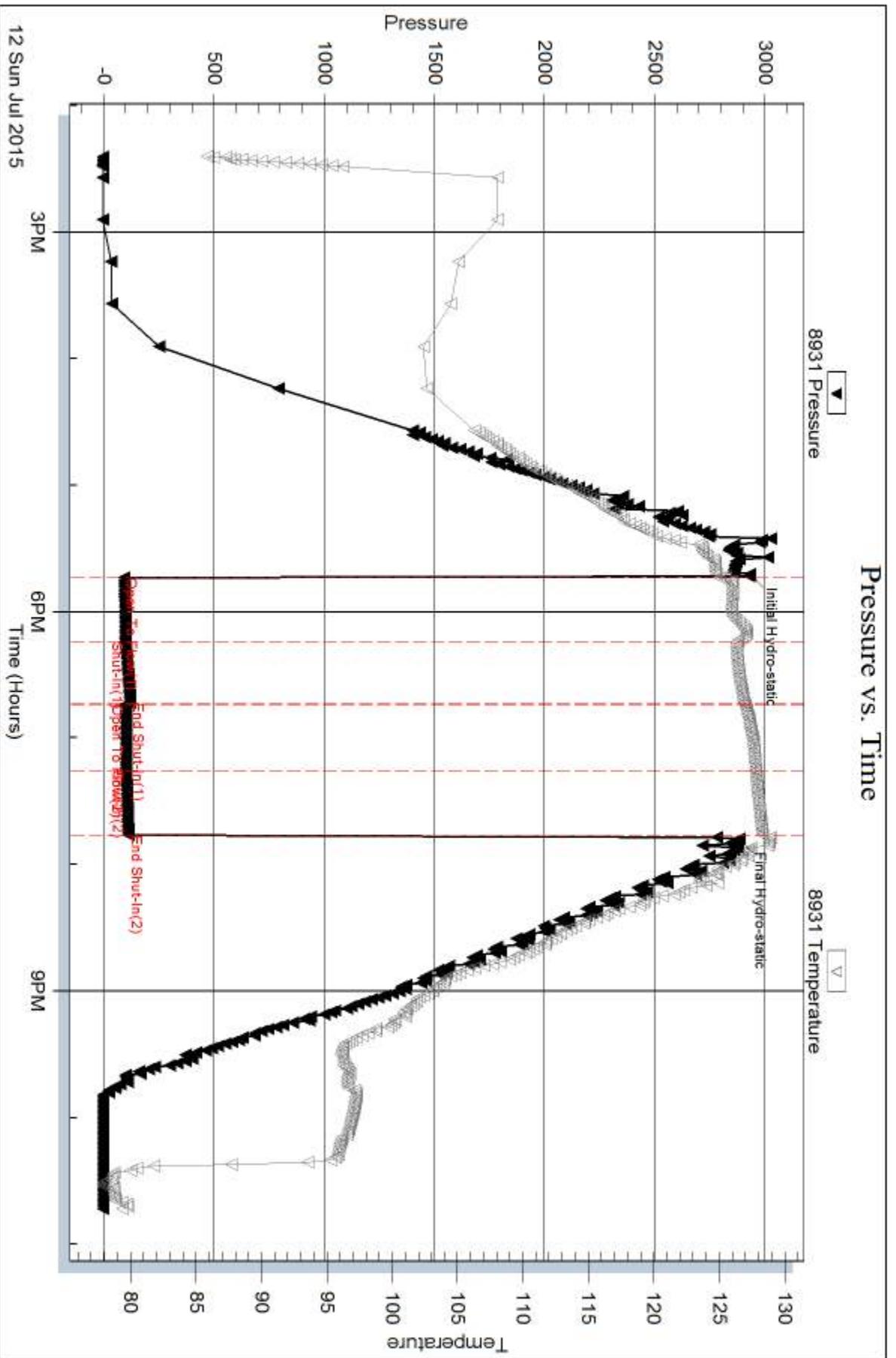
Serial #: 8931

Inside

American Warrior, Inc.

Meyers #3-9

DST Test Number: 3

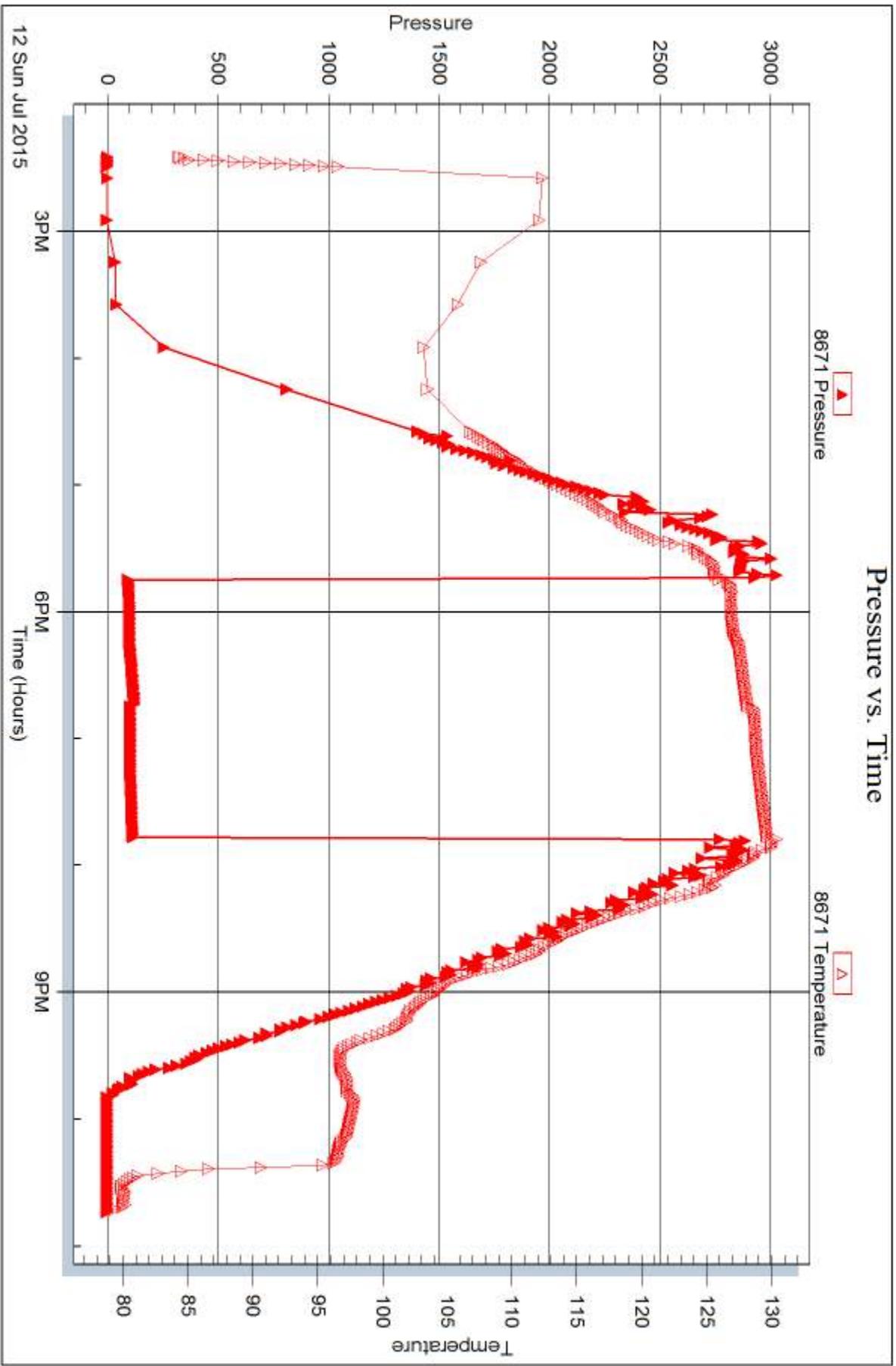


Serial #: 8671

Outside American Warrior, Inc.

Meyers #3-9

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59809

Printed: 2015.07.15 @ 16:02:07



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Meyers #3-9

9-33s-31w Seward,KS

Start Date: 2015.07.13 @ 19:50:41

End Date: 2015.07.14 @ 05:45:26

Job Ticket #: 59810 DST #: 4

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

Printed: 2015.07.15 @ 16:01:08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59810

DST#: 4

ATTN: Luke Thompson

Test Start: 2015.07.13 @ 19:50:41

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:56

Time Test Ended: 05:45:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Matt Smith

Unit No: 53

Interval: 5980.00 ft (KB) To 6016.00 ft (KB) (TVD)

Reference Elevations: 2790.00 ft (KB)

Total Depth: 6016.00 ft (KB) (TVD)

2779.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8931 Inside

Press@RunDepth: 73.92 psig @ 5981.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.13

End Date:

2015.07.14

Last Calib.: 2015.07.14

Start Time: 19:50:46

End Time:

05:45:26

Time On Btm: 2015.07.13 @ 23:40:41

Time Off Btm: 2015.07.14 @ 02:14:41

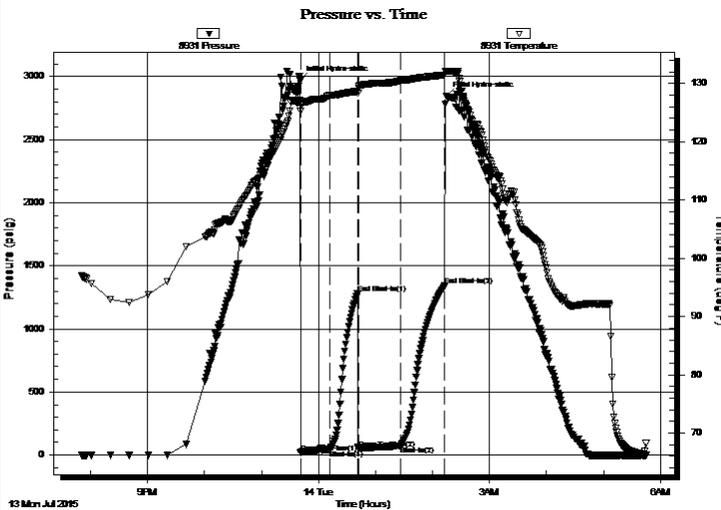
TEST COMMENT: IF: Weak blow . Surf., - 2".

IS: No blow .

FF: Weak blow . Surf., - 1 1/2".

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2968.28	127.04	Initial Hydro-static
1	19.68	125.26	Open To Flow (1)
31	44.04	127.93	Shut-In(1)
61	1282.11	128.66	End Shut-In(1)
62	50.77	129.19	Open To Flow (2)
106	73.92	130.47	Shut-In(2)
153	1340.65	131.45	End Shut-In(2)
154	2843.10	132.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOWCM 5%g 5%o 5%w 85%m	0.30
60.00	GOCM 1%g 4%o 95%m	0.30
0.00	212' G.I.P. 100%g	0.00

* 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.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59810

DST#: 4

ATTN: Luke Thompson

Test Start: 2015.07.13 @ 19:50:41

Tool Information

Drill Pipe:	Length: 5709.00 ft	Diameter: 3.80 inches	Volume: 80.08 bbl	Tool Weight: 2400.00 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: 271.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 98000.00 lb
			<u>Total Volume: 81.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 97000.00 lb
Depth to Top Packer:	5980.00 ft			Final 97000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer is in place of bottom packer.

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5953.00	
Shut In Tool	5.00			5958.00	
Hydraulic tool	5.00			5963.00	
Jars	5.00			5968.00	
Safety Joint	3.00			5971.00	
Packer	5.00			5976.00	28.00 Bottom Of Top Packer
Packer	4.00			5980.00	
Stubb	1.00			5981.00	
Recorder	0.00	8931	Inside	5981.00	
Recorder	0.00	8671	Outside	5981.00	
Perforations	32.00			6013.00	
Bullnose	3.00			6016.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

9-33s-31w Seward,KS

PO Box 399
Garden City, KS 67846

Meyers #3-9

Job Ticket: 59810

DST#: 4

ATTN: Luke Thompson

Test Start: 2015.07.13 @ 19:50:41

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:

3100 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOWCM 5%g 5%o 5%w 85%m	0.295
60.00	GOCM 1%g 4%o 95%m	0.295
0.00	212' G.I.P. 100%g	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

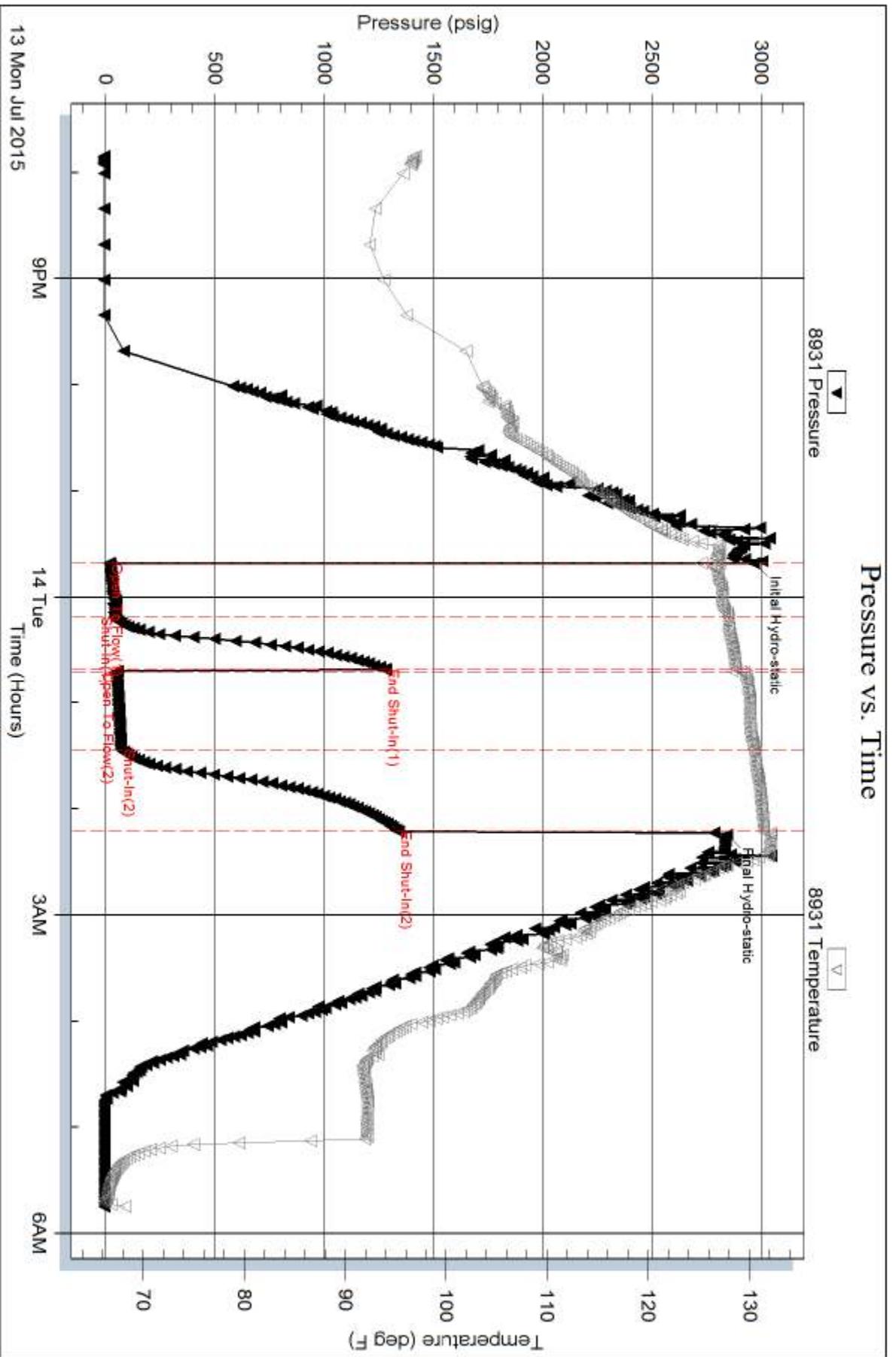
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

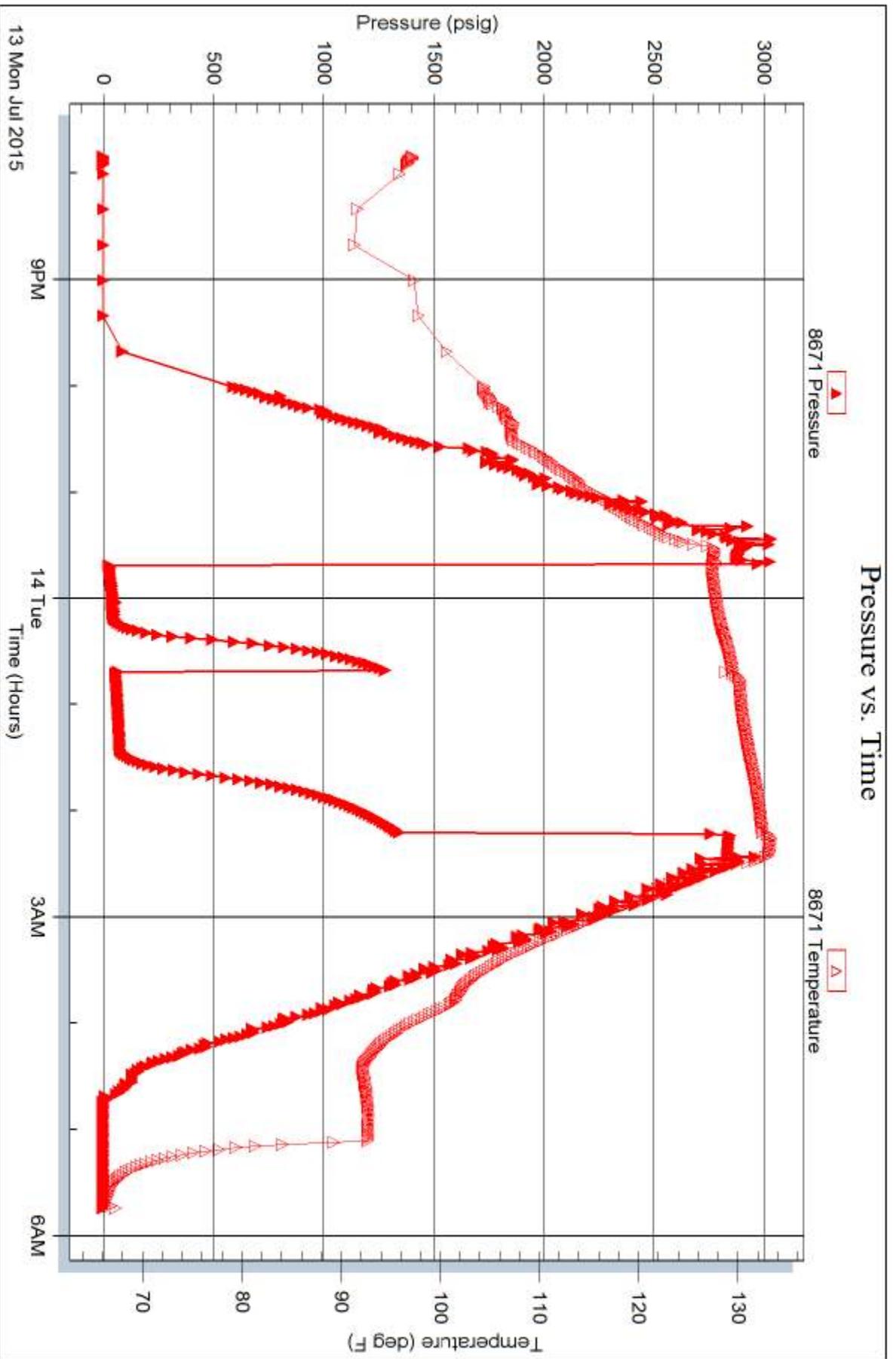


Serial #: 8671

Outside American Warrior, Inc.

Meyers #3-9

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59807

Well Name & No. Meyers # 3-9 Test No. #1 Date 7/8/15
 Company American Warrior, Inc. Elevation 2790 KB 2779 GL
 Address 3118 Cummings RD P.O. Box 399 Garden City, KS. 67846
 Co. Rep / Geo. Luke Thompson Rig Duke Rig # 5
 Location: Sec. 9 Twp. 33S Rge. 31W Co. Seward State KS.

Interval Tested 4990 - 5200 Zone Tested Marmaton
 Anchor Length 210' Drill Pipe Run 4,706' Mud Wt. 9.4
 Top Packer Depth 4985 Drill Collars Run 271' Vis 57
 Bottom Packer Depth 4990 Wt. Pipe Run Ø WL 9.2
 Total Depth 5200 Chlorides 3,500 ppm System LCM 5 1/2#

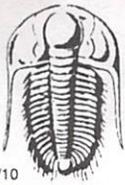
Blow Description IF: Fair - strong blow. B.O.B. in 19 mins.
TSI: No blow.
FF: Fair - Strong blow. Surf., - 10 1/2".
FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>124'</u>	<u>Gm</u>	<u>1</u>			<u>99</u>
<u>124'</u>	<u>SH Oil Gm</u>	<u>20</u>			<u>80</u>
<u>241'</u>	<u>SH Oil GWcm</u>	<u>10</u>		<u>10</u>	<u>80</u>
<u>60'</u>	<u>TRE Oil GWcm</u>	<u>2</u>		<u>8</u>	<u>90</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 549' BHT 123° Gravity N.A. API RW .45 @ 66° F Chlorides 16,000 ppm
 (A) Initial Hydrostatic 2633 Test 1250 T-On Location 1443
 (B) First Initial Flow 153 Jars 250 T-Started 1507
 (C) First Final Flow 314 Safety Joint 75 T-Open 1918
 (D) Initial Shut-In 1518 Circ Sub _____ T-Pulled 2222
 (E) Second Initial Flow 321 Hourly Standby 2 1/2 HR 80 T-Out 0300
 (F) Second Final Flow 409 Mileage 240 204 *Comments Shale Packer.
 (G) Final Shut-In 1501 Sampler _____
 (H) Final Hydrostatic 2477 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby _____ Sub Total 0
 Accessibility _____ Total 2109
 Sub Total 2109 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. 59808

4/10

Well Name & No. Meyers # 3-9 Test No. 2 Date 7/11/15
 Company American Warrior, Inc. Elevation 2790 KB 2779 GL
 Address 3118 Cummings RD P.O. Box 399 Garden City, KS. 67846
 Co. Rep / Geo. Luke Thompson Rig Duke Rig # 5
 Location: Sec. 9 Twp. 33S Rge. 31W Co. Seward State KS.

Interval Tested 5546 - 5710 Zone Tested Morrow
 Anchor Length 164' Drill Pipe Run 5,270' Mud Wt. 9.3
 Top Packer Depth 5541 Drill Collars Run 271 Vis 56
 Bottom Packer Depth 5546 Wt. Pipe Run 2 WL 11.2
 Total Depth 5710 Chlorides 3,200 ppm System LCM 5th

Blow Description IF: Weak - Fair blow, Surf., - 5 1/2".
ISI: No blow,
FF: Weak blow, Surf., - 3 1/2", died back to 1".
FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>Delg 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 Total 65' BHT 125° Gravity N.A. API RW N.C. @ — °F Chlorides 3,200 ppm
 (A) Initial Hydrostatic 2856 Test 1250 T-On Location 0038
 (B) First Initial Flow 130 Jars 250 T-Started 0106
 (C) First Final Flow 185 Safety Joint 75 T-Open 0610
 (D) Initial Shut-In 257 Circ Sub _____ T-Pulled 0909
 (E) Second Initial Flow 117 Hourly Standby _____ T-Out 1301
 (F) Second Final Flow 171 Mileage 240 → 204 Comments _____
 (G) Final Shut-In 212 Sampler _____
 (H) Final Hydrostatic 2734 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 45 Extra Packer _____ Ruined Packer _____
 Final Flow 45 Extra Recorder _____ Extra Copies _____
 Final Shut-In 60 Day Standby +9.5 hrs. Sub Total 316.67
 Accessibility _____ Total 2345.67
 Sub Total 2029 MP/DST Disc't _____

Approved By _____ Our Representative Matthew A Smith
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59809

4/10

Well Name & No. Meyers # 3-9 Test No. 3 Date 7/12/15
 Company American Warrior, Inc. Elevation 2790 KB 2779 GL
 Address 3118 Cummings RD P.O. Box 399 Garden City, KS, 67846
 Co. Rep / Geo. Luke Thompson Rig Duke Rig #5
 Location: Sec. 9 Twp. 33s Rge. 3lw Co. Seward State KS.

Interval Tested 5733 - 5873 Zone Tested Chester
 Anchor Length 140' Drill Pipe Run 5,459' Mud Wt. 9.4
 Top Packer Depth 5728 Drill Collars Run 271 Vis 50
 Bottom Packer Depth 5733 Wt. Pipe Run Ø WL 10.0
 Total Depth 5873 Chlorides 3,500 ppm System LCM 5#

Blow Description IF: Weak blow. Surf. - 1".
ISI: No blow.
FF: No blow.
FSS: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15'</u>	<u>Delg 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 128 Gravity N.A. API RW N.C. @ — °F Chlorides 3500 ppm

(A) Initial Hydrostatic <u>2933</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>1320</u>
(B) First Initial Flow <u>91</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1424</u>
(C) First Final Flow <u>98</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1743</u>
(D) Initial Shut-In <u>120</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1948</u>
(E) Second Initial Flow <u>100</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2243</u>
(F) Second Final Flow <u>102</u>	<input checked="" type="checkbox"/> Mileage <u>240</u> → <u>204</u>	Comments
(G) Final Shut-In <u>113</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2884</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2029</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2029</u>	

Approved By _____ Our Representative Matthew J. Smith
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59810

Well Name & No. Meyers # 3-9 Test No. 4 Date 7/13/15
 Company AMERICAN WARRIOR, Inc. Elevation 2790 KB 2779 GL
 Address 3118 Cummings RD P.O. Box 399 Garden City, KS. 67846
 Co. Rep / Geo. Luke Thompson Rig Duke Rig #5
 Location: Sec. 9 Twp. 33s Rge. 3lw Co. Seward State KS.

Interval Tested 5980 - 6016 Zone Tested Mississippi
 Anchor Length 36' Drill Pipe Run 5,709' Mud Wt. 9.2
 Top Packer Depth 5975 Drill Collars Run 271 Vis 65
 Bottom Packer Depth 5980 Wt. Pipe Run 2 WL 9.2
 Total Depth 6016 Chlorides 3,100 ppm System LCM 6th

Blow Description IF! Weak blow, Surf, - 2"
ISI! No blow!
FF! Weak blow, Surf, - 1 1/2"
FSI! No blow!

Rec	Feet of	%gas	%oil	%water	%mud
212	G.I.P.	100			
60	GOCM	1	4		95
60	GOWCM	5	5	5	85

Rec Total 120' BHT 131° Gravity N.A. API RW N.C. @ — °F Chlorides 3,100 ppm

(A) Initial Hydrostatic <u>2968</u>	<input checked="" type="checkbox"/> Test <u>1400</u>	T-On Location <u>1925</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1950</u>
(C) First Final Flow <u>44</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2340</u>
(D) Initial Shut-In <u>1282</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0214</u>
(E) Second Initial Flow <u>51</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0545</u>
(F) Second Final Flow <u>74</u>	<input checked="" type="checkbox"/> Mileage <u>(240)</u> → <u>204</u>	Comments
(G) Final Shut-In <u>1341</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2843</u>	<input type="checkbox"/> Straddle	

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

Shale Packer 250
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Ruined Shale Packer
 Ruined Packer
 Extra Copies

Sub Total 0
 Total 2179
 MP/DST Disc't

Approved By _____ Our Representative [Signature]

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