



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1233112
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1233112

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Whipple C 5
Doc ID	1233112

Tops

Name	Top	Datum
Anhy	1879'	+633
B/Anhy	1913'	+598
Heebner	3803'	-1292
Lansing	3840'	-1329
B/KC	4169'	-1658
Marmaton	4179'	-1668
Ft.Scott	4355'	-1844
Cherokee	4379'	-1868
Mississippian	4452'	-1941



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Whipple 'C' #5

S8-18s-26w Ness,KS

Start Date: 2014.10.20 @ 01:59:00

End Date: 2014.10.20 @ 09:39:20

Job Ticket #: 59180 DST #: 1

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

Printed: 2014.10.24 @ 08:54:24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59180

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.20 @ 01:59:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:11:50

Time Test Ended: 09:39:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4243.00 ft (KB) To 4274.00 ft (KB) (TVD)

Reference Elevations: 2511.00 ft (KB)

Total Depth: 4274.00 ft (KB) (TVD)

2500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 111.78 psig @ 4246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.20

End Date:

2014.10.20

Last Calib.:

2014.10.20

Start Time: 01:59:02

End Time:

09:39:19

Time On Btm:

2014.10.20 @ 04:10:30

Time Off Btm:

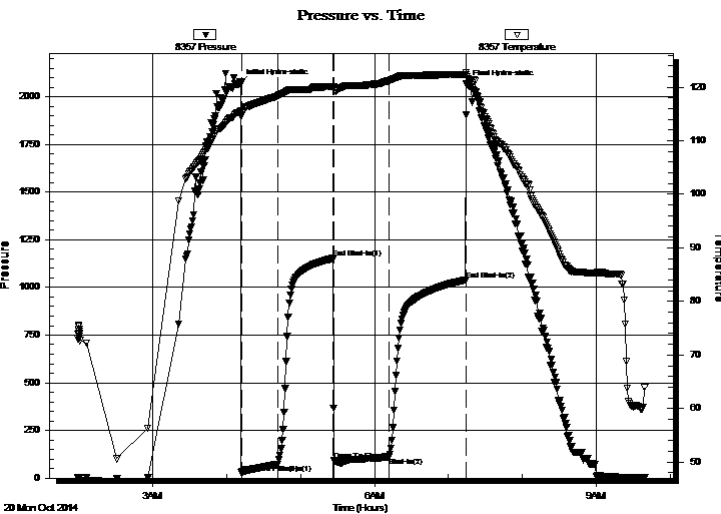
2014.10.20 @ 07:14:30

TEST COMMENT: 30- B.O.B. @ 7 min.

45- No return.

45- B.O.B. @ 4 1/2 min.

60- 5" Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.11	115.26	Initial Hydro-static
2	26.87	114.56	Open To Flow (1)
31	72.97	118.36	Shut-In(1)
76	1152.96	120.09	End Shut-In(1)
77	95.14	119.73	Open To Flow (2)
122	111.78	121.25	Shut-In(2)
184	1039.96	122.35	End Shut-In(2)
184	2066.16	122.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO 50g 20m 30o	0.59
60.00	GO 30g 70o	0.30
90.00	GMCO 10g 25m 65o	0.72
0.00	1858' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

S8-18s-26w Ness, KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59180

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.20 @ 01:59:00

Tool Information

Drill Pipe:	Length: 3998.00 ft	Diameter: 3.82 inches	Volume: 56.67 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.50 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4243.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	58.50 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			4216.50	
Shut In Tool	5.00			4221.50	
Hydraulic tool	5.00			4226.50	
Jars	5.00			4231.50	
Safety Joint	2.50			4234.00	
Packer	5.00			4239.00	27.50 Bottom Of Top Packer
Packer	4.00			4243.00	
Stubb	1.00			4244.00	
Perforations	2.00			4246.00	
Recorder	0.00	8357	Inside	4246.00	
Recorder	0.00	6751	Outside	4246.00	
Perforations	25.00			4271.00	
Bullnose	3.00			4274.00	31.00 Bottom Packers & Anchor

Total Tool Length: 58.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59180

DST#: 1

ATTN: Luke Thompson

Test Start: 2014.10.20 @ 01:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GMCO 50g 20m 30o	0.590
60.00	GO 30g 70o	0.295
90.00	GMCO 10g 25m 65o	0.720
0.00	1858' GIP	0.000

Total Length: 270.00 ft Total Volume: 1.605 bbl

Num Fluid Samples: 0

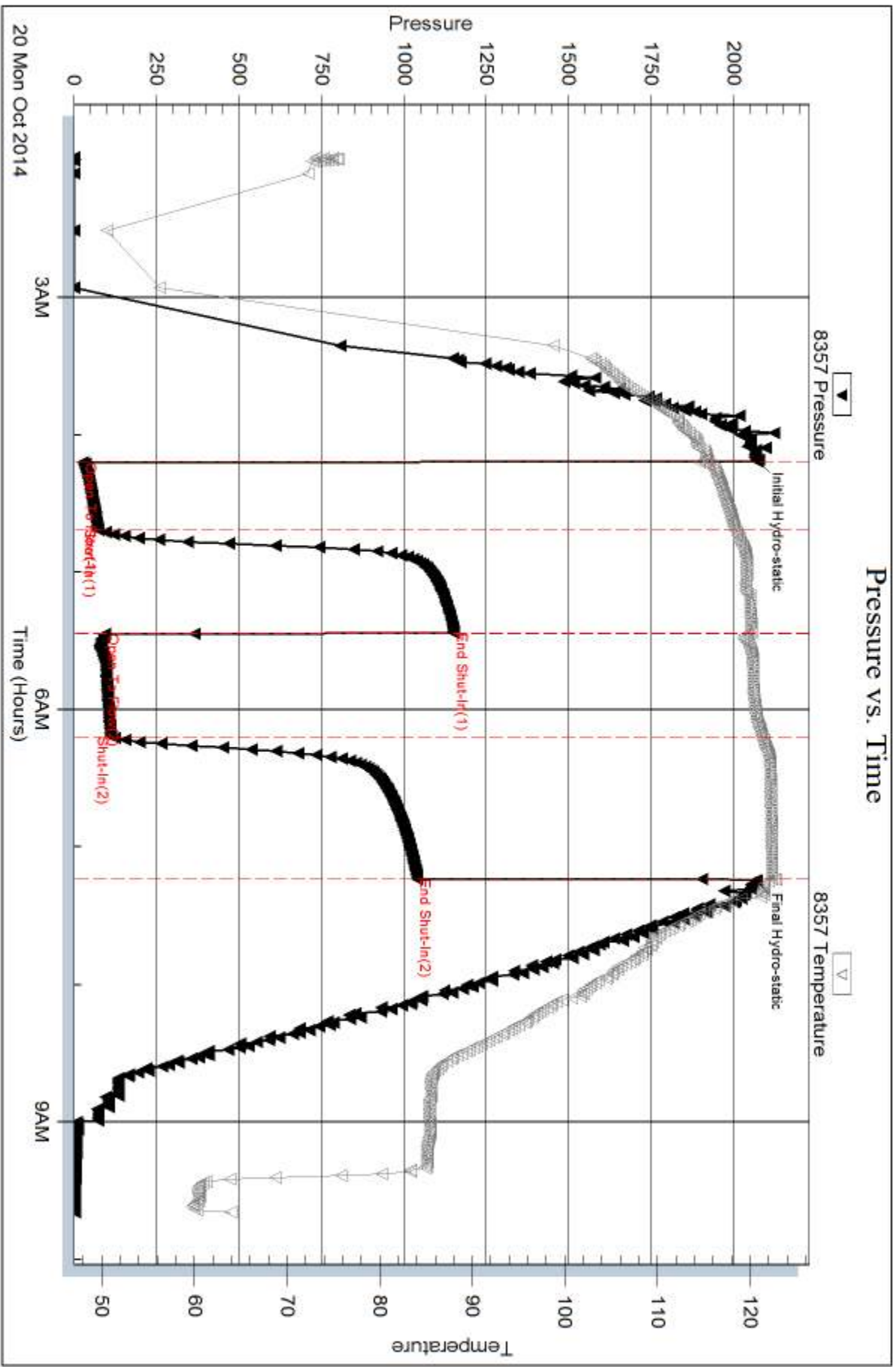
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 41 @ 70 Degrees F = 40.

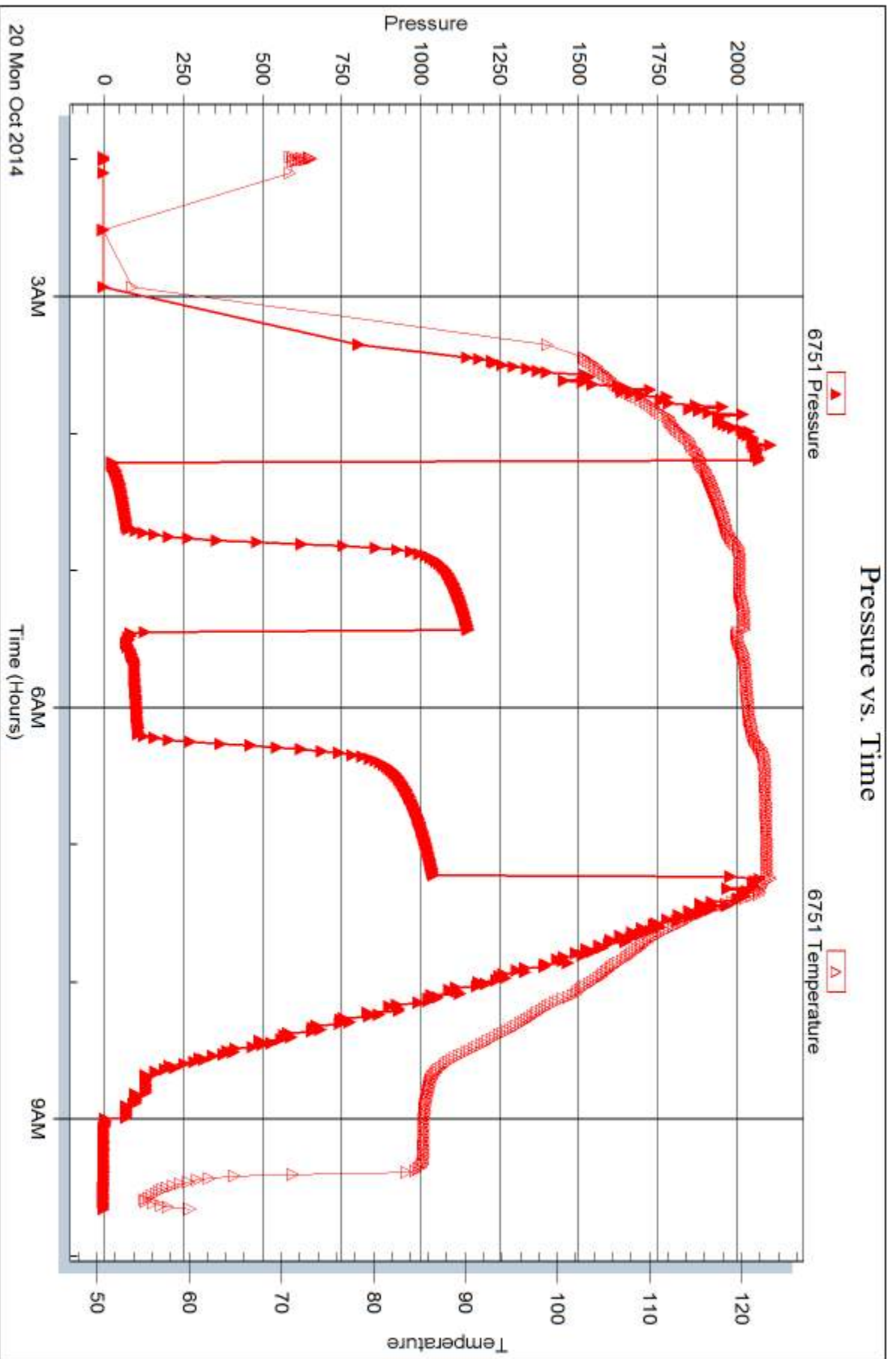


Serial #: 6751

Outside American Warrior, Inc.

Whipple 'C' #5

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Whipple 'C' #5

S8-18s-26w Ness,KS

Start Date: 2014.10.21 @ 09:40:00

End Date: 2014.10.21 @ 14:57:39

Job Ticket #: 59181 DST #: 2

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

Printed: 2014.10.24 @ 08:54:02

American Warrior, Inc.
S8-18s-26w Ness,KS
Whipple 'C' #5
DST # 2
Mississippian
2014.10.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

S8-18s-26w Ness, KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59181

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.21 @ 09:40:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:44:20

Time Test Ended: 14:57:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4400.00 ft (KB) To 4462.00 ft (KB) (TVD)

Reference Elevations: 2511.00 ft (KB)

Total Depth: 4462.00 ft (KB) (TVD)

2500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 30.15 psig @ 4402.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.21

End Date:

2014.10.21

Last Calib.: 2014.10.21

Start Time: 09:40:02

End Time:

14:57:40

Time On Btm: 2014.10.21 @ 11:43:10

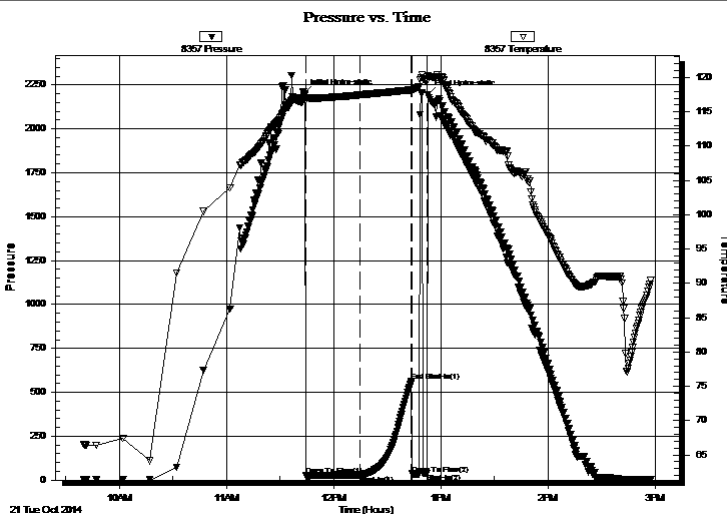
Time Off Btm: 2014.10.21 @ 12:52:50

TEST COMMENT: 30- 1/2" Blow died @ 27 min.

30- No return.

10- No blow , flushed tool, surge died, pulled tool.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.88	117.08	Initial Hydro-static
2	25.20	116.60	Open To Flow (1)
32	30.15	117.47	Shut-In(1)
61	563.80	118.20	End Shut-In(1)
61	35.68	118.21	Open To Flow (2)
70	40.38	119.38	Shut-In(2)
70	2195.11	120.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 2o 98m	0.02

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.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59181

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.21 @ 09:40:00

Tool Information

Drill Pipe:	Length: 4158.00 ft	Diameter: 3.82 inches	Volume: 58.94 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.50 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4400.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	89.50 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			4373.50	
Shut In Tool	5.00			4378.50	
Hydraulic tool	5.00			4383.50	
Jars	5.00			4388.50	
Safety Joint	2.50			4391.00	
Packer	5.00			4396.00	27.50 Bottom Of Top Packer
Packer	4.00			4400.00	
Stubb	1.00			4401.00	
Perforations	1.00			4402.00	
Recorder	0.00	8357	Inside	4402.00	
Recorder	0.00	6751	Outside	4402.00	
Perforations	23.00			4425.00	
Change Over Sub	1.00			4426.00	
Drill Pipe	32.00			4458.00	
Change Over Sub	1.00			4459.00	
Bullnose	3.00			4462.00	62.00 Bottom Packers & Anchor
Total Tool Length:	89.50				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59181

DST#: 2

ATTN: Luke Thompson

Test Start: 2014.10.21 @ 09:40:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 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	OCM 2o 98m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

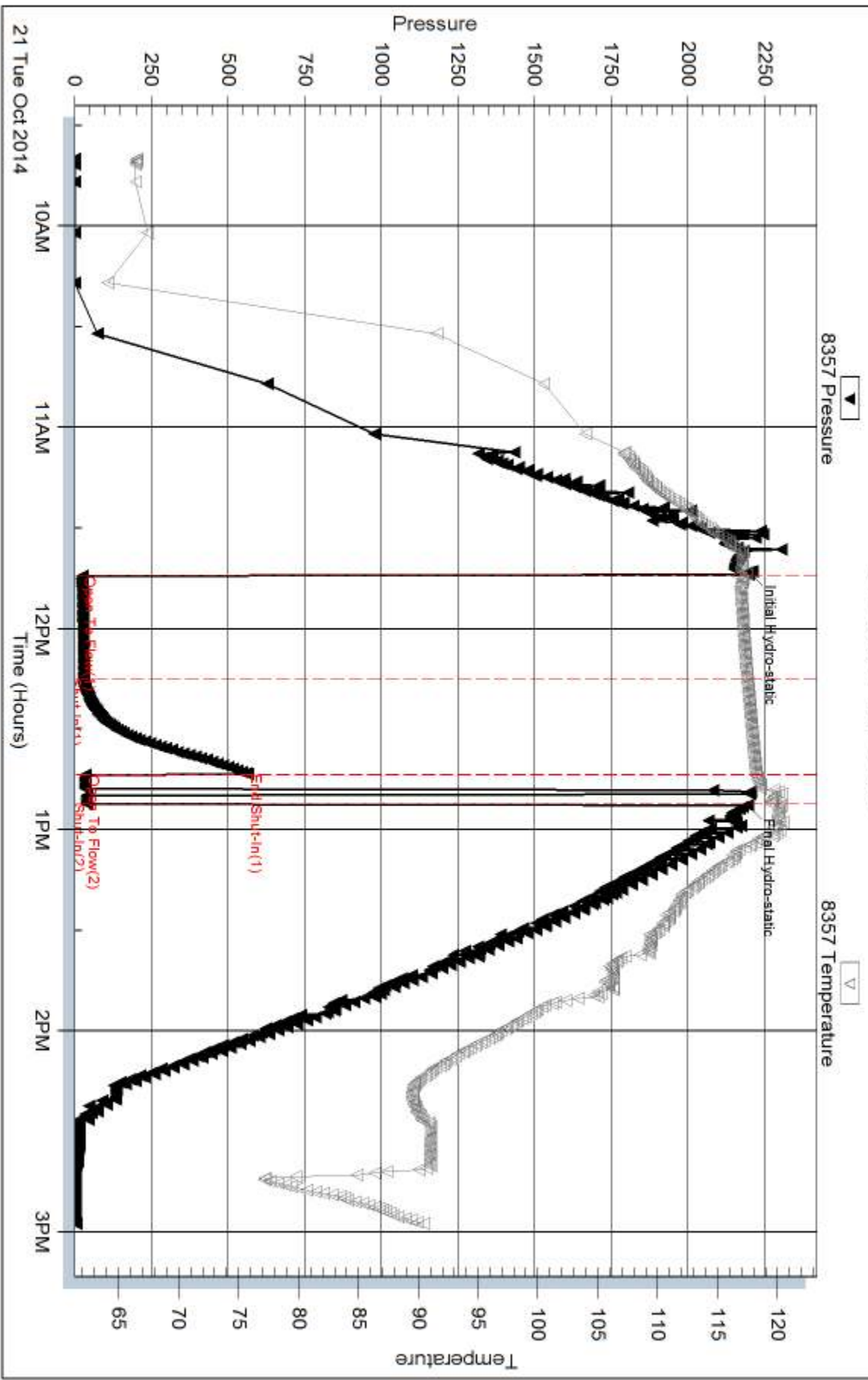
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

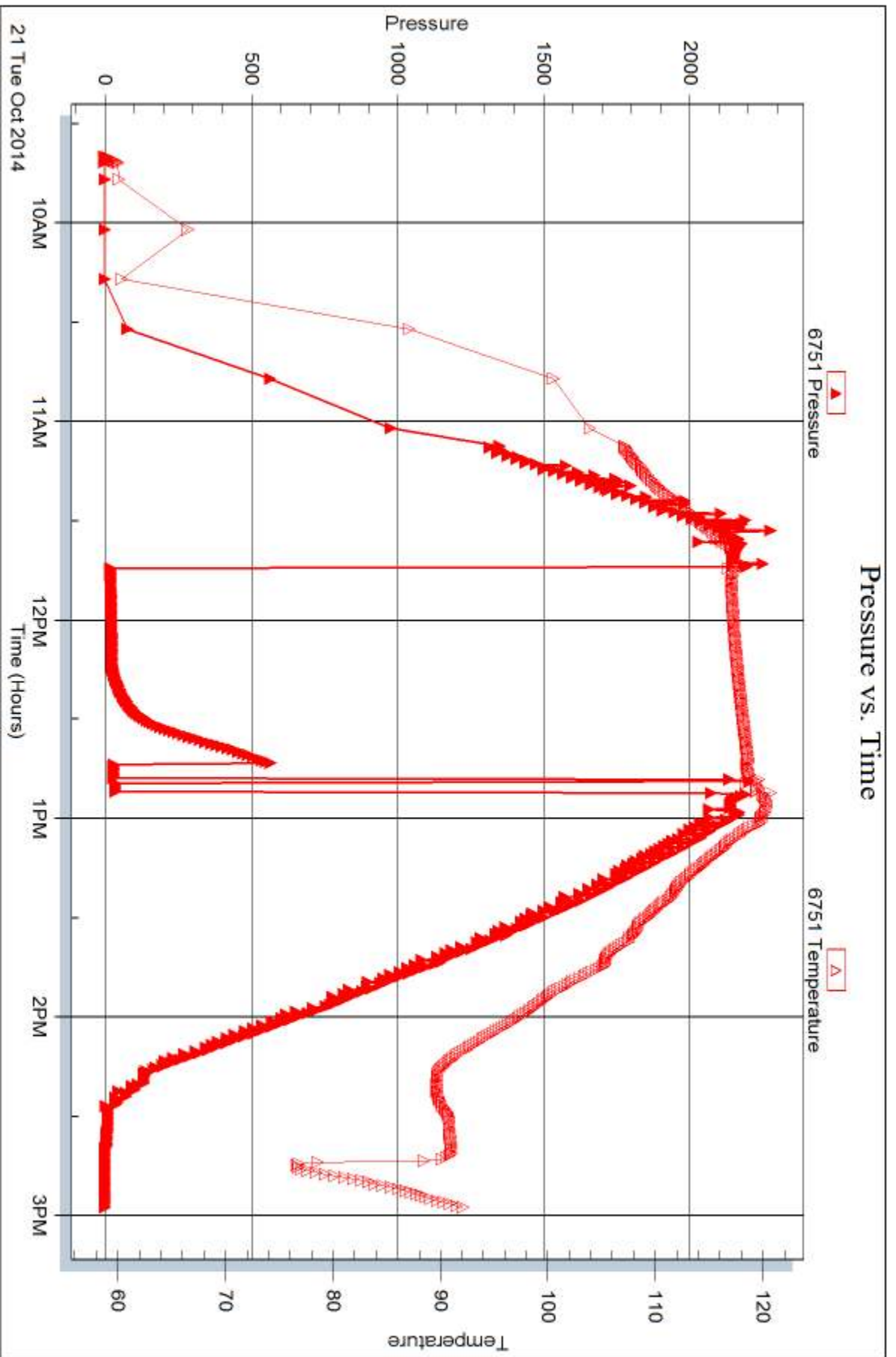


Serial #: 6751

Outside American Warrior, Inc.

Whipple C#5

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Luke Thompson

Whipple 'C' #5

S8-18s-26w Ness,KS

Start Date: 2014.10.22 @ 00:04:00

End Date: 2014.10.22 @ 07:08:20

Job Ticket #: 59182 DST #: 3

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

Printed: 2014.10.24 @ 08:53:19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior, Inc.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59182

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.10.22 @ 00:04:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:57:10

Time Test Ended: 07:08:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4461.00 ft (KB) To 4482.00 ft (KB) (TVD)

Reference Elevations: 2511.00 ft (KB)

Total Depth: 4482.00 ft (KB) (TVD)

2500.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8357

Inside

Press@RunDepth: 209.43 psig @ 4464.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.22

End Date:

2014.10.22

Last Calib.:

2014.10.22

Start Time: 00:04:02

End Time:

07:08:19

Time On Btm:

2014.10.22 @ 01:55:50

Time Off Btm:

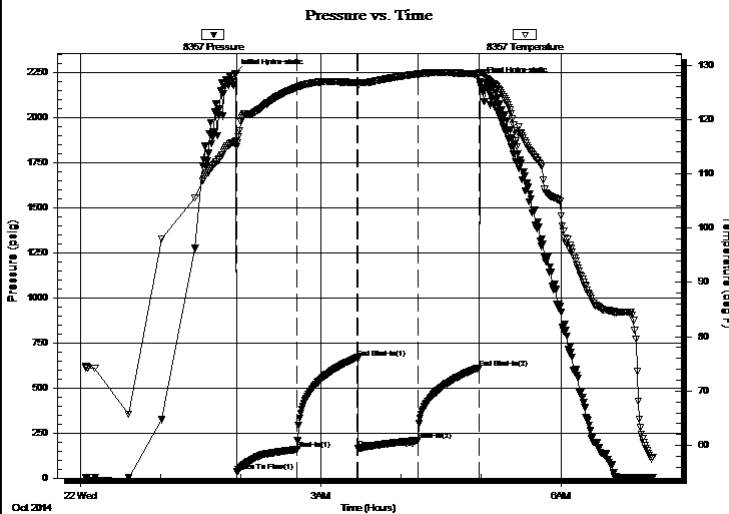
2014.10.22 @ 04:59:00

TEST COMMENT: 45- B.O.B. @ 37 min.

45- No return.

45- 8" Blow .

45- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.97	115.85	Initial Hydro-static
2	36.85	114.95	Open To Flow (1)
47	159.97	125.89	Shut-In(1)
92	669.57	126.74	End Shut-In(1)
92	165.03	126.55	Open To Flow (2)
137	209.43	128.34	Shut-In(2)
183	612.73	128.34	End Shut-In(2)
184	2200.14	128.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
362.00	OSMW 15m 85w	2.91
55.00	OSMW 40m 60w	0.78

* 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.

S8-18s-26w Ness, KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59182

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.10.22 @ 00:04:00

Tool Information

Drill Pipe:	Length: 4219.00 ft	Diameter: 3.82 inches	Volume: 59.81 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.50 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4461.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.50 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			4434.50	
Shut In Tool	5.00			4439.50	
Hydraulic tool	5.00			4444.50	
Jars	5.00			4449.50	
Safety Joint	2.50			4452.00	
Packer	5.00			4457.00	27.50 Bottom Of Top Packer
Packer	4.00			4461.00	
Stubb	1.00			4462.00	
Perforations	2.00			4464.00	
Recorder	0.00	8357	Inside	4464.00	
Recorder	0.00	6751	Outside	4464.00	
Perforations	15.00			4479.00	
Bullnose	3.00			4482.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.50



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

S8-18s-26w Ness,KS

PO Box 399
Garden City, KS 67846

Whipple 'C' #5

Job Ticket: 59182

DST#: 3

ATTN: Luke Thompson

Test Start: 2014.10.22 @ 00:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
362.00	OSMW 15m 85w	2.910
55.00	OSMW 40m 60w	0.780

Total Length: 417.00 ft Total Volume: 3.690 bbf

Num Fluid Samples: 0

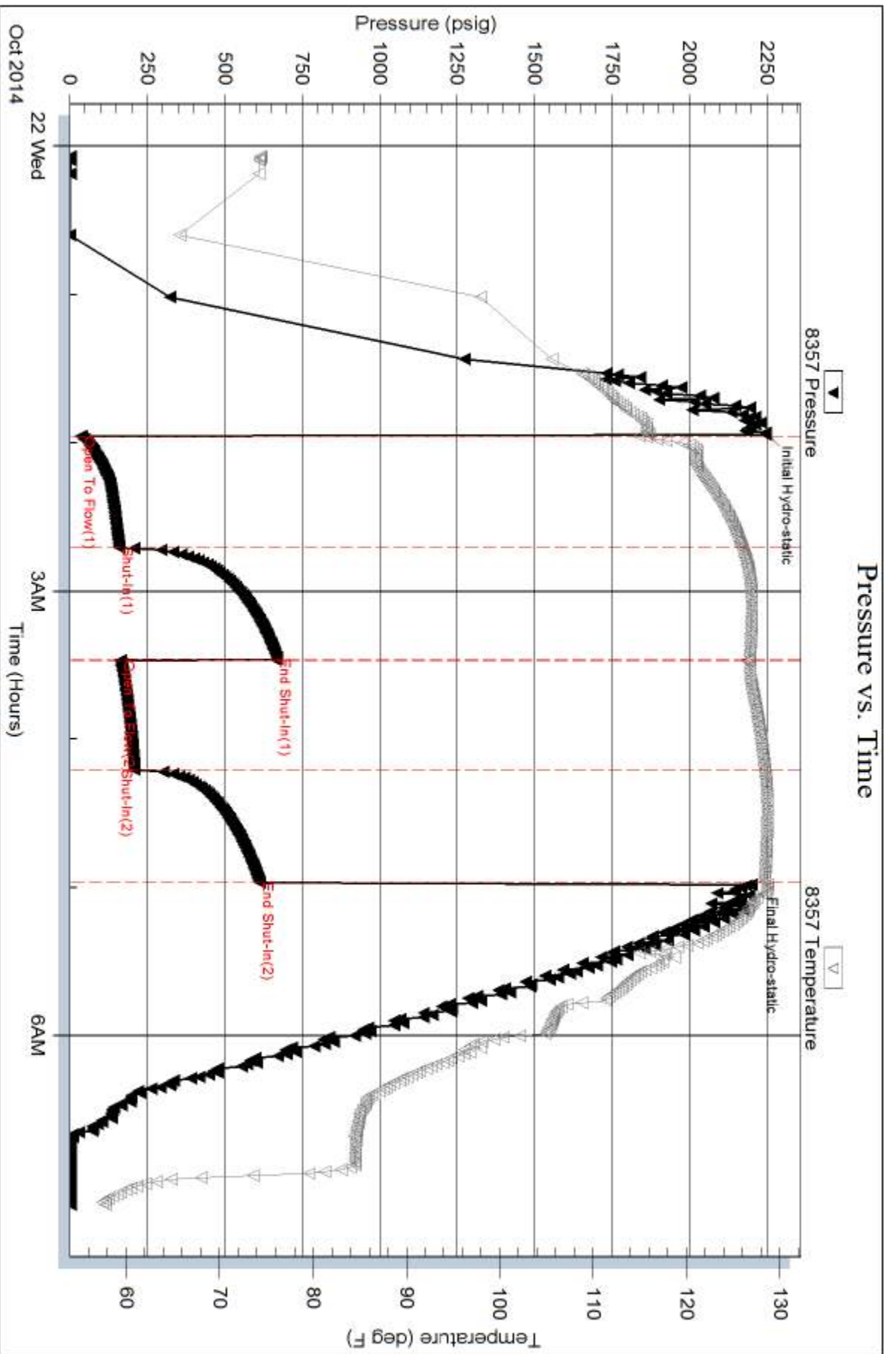
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .285 @ 51 Degrees F = 36000 PPM

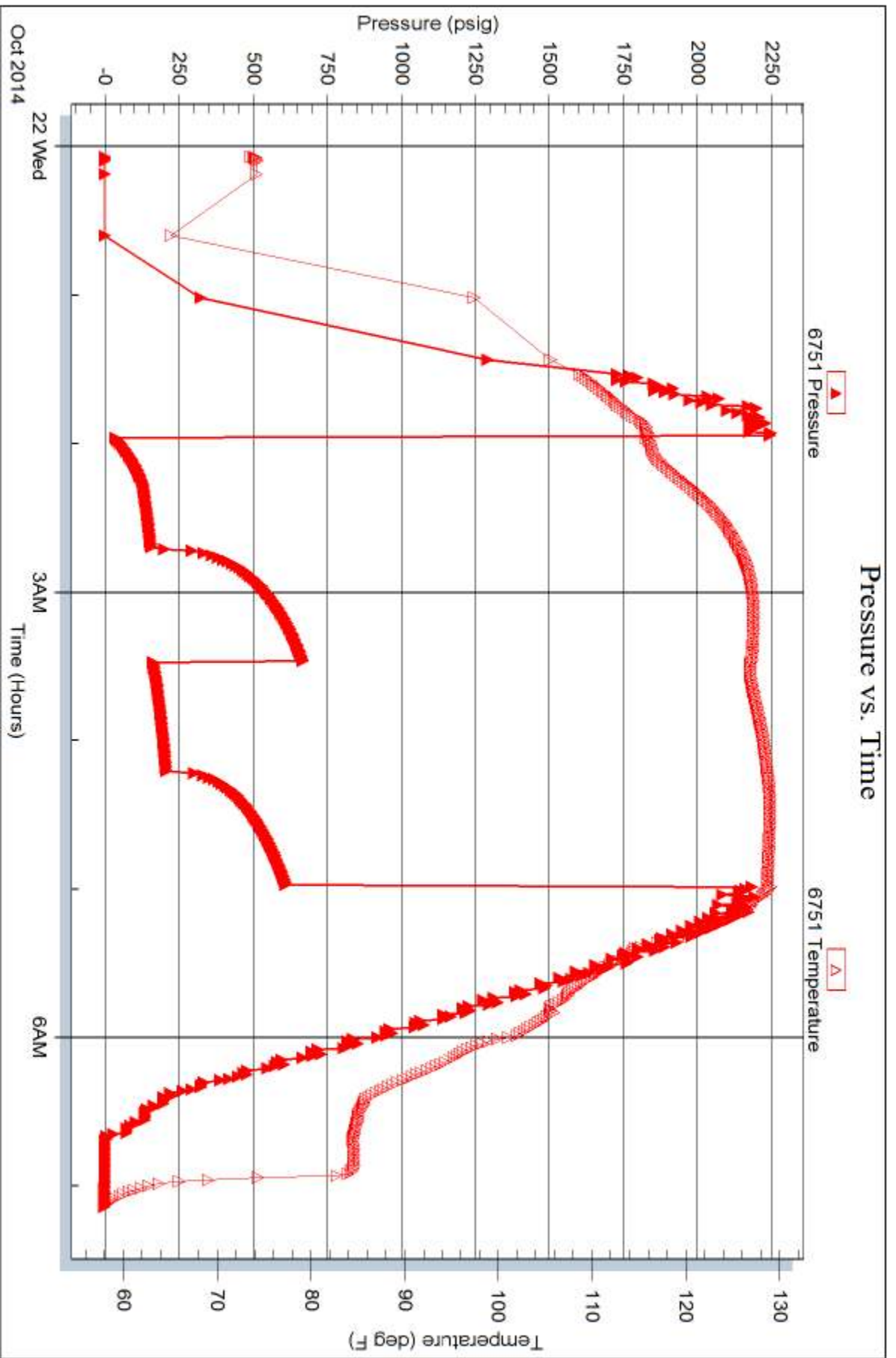


Serial #: 6751

Outside American Warrior, Inc.

Whipple C#5

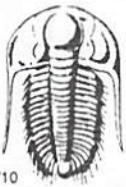
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59182

Printed: 2014, 10, 24 @ 08:53:21



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59180

Well Name & No. Whipple "C" #5 Test No. 1 Date 10-20-14
 Company American Warrior Inc. Elevation 2511 KB 2500 GL
 Address P.O.B. 399 Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 8 Twp. 18s Rge. 26w Co. Ness State KS

Interval Tested 4243-4274 Zone Tested Marmaton
 Anchor Length 31 Drill Pipe Run 3998 Mud Wt. 9.2
 Top Packer Depth 4239 Drill Collars Run 240 Vis 52
 Bottom Packer Depth 4243 Wt. Pipe Run 0 WL 7.6
 Total Depth 4274 Chlorides 5100 ppm System LCM 1"

Blow Description B.O.B. @ 7min.
No return.
B.O.B. @ 4 1/2 min.
5" Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>GMCO</u>	<u>10</u>	<u>65</u>	<u>25</u>	<u>0</u>
<u>60</u>	<u>GO</u>	<u>30</u>	<u>70</u>	<u>0</u>	<u>0</u>
<u>120</u>	<u>GMCO</u>	<u>50</u>	<u>30</u>	<u>20</u>	<u>0</u>
<u> </u>	<u>1858' GIP</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 270 BHT 122 Gravity 40 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2068 Test 1250 T-On Location 1:57
 (B) First Initial Flow 27 Jars 250 T-Started 1:59
 (C) First Final Flow 73 Safety Joint 75 T-Open 4:12
 (D) Initial Shut-In 1153 Circ Sub N/C T-Pulled 7:14
 (E) Second Initial Flow 95 Hourly Standby T-Out 9:39
 (F) Second Final Flow 112 Mileage 89RT 137.95 Comments
 (G) Final Shut-In 1040 Sampler
 (H) Final Hydrostatic 2066 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 1712.95
 Final Flow 45 Accessibility MP/DST Disc't
 Final Shut-In 60 Sub Total 1712.95

Approved By Our Representative Chuck Smith
 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. 59181

4/10

Well Name & No. Whipple 'C' #5 Test No. 2 Date 10-21-14
 Company American Warrior Inc. Elevation 2511 KB 2500 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 8 Twp. 18s Rge. 26w Co. Ness State KS

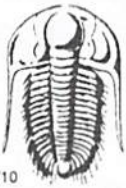
Interval Tested 4400-4462 Zone Tested Mississippian
 Anchor Length 62 Drill Pipe Run 4158 Mud Wt. 9.5
 Top Packer Depth 4396 Drill Collars Run 240 Vis 58
 Bottom Packer Depth 4400 Wt. Pipe Run 0 WL 7.6
 Total Depth 4462 Chlorides 2800 ppm System LCM 1"
 Blow Description 1/2" Blow died @ 27min.
No return.
No blow, flushed tool, surge died, pulled tool.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>OCM</u>	%gas	<u>2</u> %oil	%water	<u>98</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 119 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2199</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>9:40</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>9:40</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:44</u>
(D) Initial Shut-In <u>564</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIC</u>	T-Pulled <u>12:52</u>
(E) Second Initial Flow <u>36</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:58</u>
(F) Second Final Flow <u>40</u>	<input checked="" type="checkbox"/> Mileage <u>89RT</u> 137.95	Comments
(G) Final Shut-In <u>N/A</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2195</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>N/A</u>	<input type="checkbox"/> Day Standby	Total <u>1712.95</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1712.95</u>	

Approved By _____ Our Representative Chuck Smith
 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. 59182

4/10

Well Name & No. Whipple 'c' #5 Test No. 3 Date 10-22-14
 Company American Warrior, Inc. Elevation 2511 KB 2500 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 8 Twp. 18s Rge. 26w Co. Goove Ness State KS

Interval Tested 4461-4482 Zone Tested Mississippian
 Anchor Length 21 Drill Pipe Run 4219 Mud Wt. 9.2
 Top Packer Depth 4457 Drill Collars Run 120 Vis 58
 Bottom Packer Depth 4461 Wt. Pipe Run 0 WL 7.6
 Total Depth 4482 Chlorides 2800 ppm System LCM 1st
 Blow Description B.O.B. @ 37min.
No return.
8" Blow.
No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>05 MW</u>		<u>60</u>	<u>40</u>	
<u>362</u>	<u>05 MW</u>		<u>85</u>	<u>15</u>	

Rec Total 417 BHT 128 Gravity - API RW 285 @ 51 °F Chlorides 36000 ppm
 (A) Initial Hydrostatic 2248 Test 1250 T-On Location 12:00am
 (B) First Initial Flow 37 Jars 250 T-Started 12:04
 (C) First Final Flow 160 Safety Joint 75 T-Open 1:57
 (D) Initial Shut-In 670 Circ Sub NIC T-Pulled 4:58
 (E) Second Initial Flow 165 Hourly Standby N/A T-Out 7:08
 (F) Second Final Flow 209 Mileage 89RT 137.95 Comments _____
 (G) Final Shut-In 613 Sampler _____
 (H) Final Hydrostatic 2200 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer 320
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 320
 Initial Shut-In 45 Day Standby _____ Total 2032.95
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1712.95

Approved By _____ Our Representative Chuck Smith

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Geological Report

American Warrior, Inc.

Whipple C-#5

335' FNL & 1707' FEL

Sec 8, T18s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Whipple C-#5
335' FNL & 1707' FEL
Sec. 8, T18s, R26w
Ness County, Kansas
API # 15-135-25822-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: October, 14 2014

Completion Date: October 23, 2014

Elevation 2500' G.L.
2511' K.B.

Directions: From Ness City, KS go west on Highway 96 15 miles to Beeler, KS. West side of Beeler, turn North on Road C. Go 3.2 miles to gate with white panels and cattle guard. Follow Lease road in approx. 1.5 miles.

Casing: 210' #28 Surface Casing
4619' 5 1/2" #15.5 Production Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Fischer"
Stacked Micro

Drillstem Tests: Three-Trilobite Testing "Chuck Smith"

Problems: Lost circulation at 147' mud came up in yard.
Loggers pulled tight @ 4440' TIH to recondition

Formation Tops

Whipple C-#5

Sec. 8, T18s, R26w

335' FNL & 1707' FEL

Anhydrite	1879' +633
Base	1913' +598
Heebner	3803' -1292
Lansing	3840' -1329
Stark	4095' -1584
Bkc	4169' -1658
Marmaton	4179' -1668
Pawnee	4298' -1787
Fort Scott	4355' -1844
Cherokee	4379' -1868
Morrow	N/A
Miss	4452' -1941
RTD	4650' -2139
LTD	4652' -2141

Sample Zone Descriptions

Marmaton (4260', -1749): Covered in DST #1

Limestone, cream, fine crystalline, few cuttings vuggy with crystalline dolomite, poor/ fair porosity, very slight odor, slight show of free oil, poor/fair saturation, Gas Kick of 51.

Mississippian (4456', -1945): Covered in DST #2

Dolomite, brown, fine crystalline, sucrosic, fair/poor inter-crystalline porosity, good odor, fair stain, fair/good saturation, good show free oil, Gas Kick 100 units.

Mississippian (4466', -1955): Covered in DST #3

Dolomite, brown, fine crystalline, sucrosic, fair inter-crystalline porosity, strong odor, poor saturation, poor show of free oil, Gas Kick 123 units.

Drill Stem Tests

Trilobite Testing

“Chuck Smith”

DST #1

Marmaton

Interval (4243’-4274’) Anchor Length 31’

IHP - 2068 #

IFP - 30” – BOB in 7 min 27-73 #

ISI - 45” – No Return 1153 #

FFP - 45” – BOB in 4.5 min 95-112 #

FSIP - 60” – 5” return 1040 #

FHP - 2066 #

BHT - 123° F

Recovery: 120’ GMCO (30% Oil) Gravity: 40

60’ GO (70% Oil)

90’ GMCO (65% Oil)

1858’ GIP

DST #2

Mississippian

Interval (4400’-4462’) Anchor Length 62’

IHP - 2199 #

IFP - 30” – 1/2” blow died @ 27 min 25-30 #

ISI - 30” – No return 564 #

FFP - 10” – No blow, flushed tool, surge died 36-40 #

FSIP - Pull Tool NA

FHP - 2195 #

BHT - 120° F

Recovery: 5’ OCM (2% Oil)

DST #3

Mississippian

Interval (4461’-4482’) Anchor Length 21’

IHP - 2248 #

IFP - 45” – BOB in 27 min 37-160 #

ISI - 45” – No Return 670 #

FFP - 45” – 8” blow 165-209 #

FSIP - 45” – No Return 613#

FHP - 2200#

BHT - 129° F

Recovery: 417’ OSMW

Structural Comparison

	American Warrior, Inc. Whipple C-#5 Sec. 8, T18s, R26w 335' FNL & 1707' FEL	American Warrior, Inc. Whipple C- #4 Sec. 8, T18s, R26w 1454' FNL & 1417' FEL		Donald C. Slawson Whipple C- #1 Sec. 8, T18s, R26w 3630' FSL & 1650' FEL	
Formation					
Heebner	3803' -1292	-10	3803' -1282	-11	3805' -1281
Lansing	3840' -1329	-11	3839' -1318	-13	3840' -1316
Stark	4095' -1584	-9	4096' -1575	-12	4096' -1572
BKC	4169' -1658	-12	4167' - 1646	-13	4169' -1645
Marmaton	4179' -1668	-14	4175' -1654	-14	4178' -1654
Pawnee	4298' -1787	-7	4301' -1780	-11	4302' -1778
Fort Scott	4355' -1844	-8	4357' -1836	-11	4357' -1833
Cherokee	4379' -1868	-9	4380' -1859	-10	4382' -1858
Miss	4452' -1941	+2	4464' -1943	-2	4463' -1939

Summary

The location for the Whipple C-#5 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted, one of which recovered commercial quantities of oil from the Marmaton Limestone. After all the gathered data had been examined, the decision was made to run 5 ½" casing to further evaluate the Whipple C-#5 well.

Perforations

Primary:	Mississippian	(4455' – 4459')
Secondary:	Marmaton	(4257' - 4262')

Respectfully Submitted,

Luke Thompson
American Warrior, Inc.

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. # 20-8651475

063965

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Great Bend

DATE <u>10-14-14</u>	SEC <u>8</u>	TWP. <u>18</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION <u>12pm</u>	JOB START <u>10pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>Whipple C</u>		WELL # <u>5</u>	LOCATION <u>Basin west to ced - 3 1/4 N</u>		COUNTY <u>NCS</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>W into</u>				

CONTRACTOR Duke S
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 8 1/2 DEPTH 210
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15ft
 PERFS.
 DISPLACEMENT 12.16 bbl H2O
 EQUIPMENT

OWNER
 CEMENT
 AMOUNT ORDERED 175 sq class A 3 1/2 in 2 1/2 gel
 COMMON 175 @ 17.90 3,132.50
 POZMIX @
 GEL 329 @ .50 164.50
 CHLORIDE 493 @ 1.10 542.30
 ASC @
Materials Total 3,839.30
Disc 20% 767.86
 @
 @
 @
 @
Service
 @
 HANDLING 189.23 @ 2.48 469.29
 MILEAGE 8.64 x 25x 2.75 594.00

PUMP TRUCK CEMENTER Josh Isaac
 # 366 HELPER Ben Howell
 BULK TRUCK
 # 871-112 DRIVER Antonio Alejandro (TWS)
 BULK TRUCK
 # DRIVER

REMARKS:

On location - Rig up - had safety meeting
run 8 1/2 casing - Break circulation
pump 5 bbl H2O
mix 175 sq class A 3 1/2 in 2 1/2 gel
displace 12.16 bbl H2O
Shut in
Cement did circulate 10:30pm
Rig down

DEPTH OF JOB 210
 PUMP TRUCK CHARGE 1512.35
 EXTRA FOOTAGE @
 MILEAGE Hum 25 @ 7.70 192.50
 MANIFOLD @
Hum 25 @ 4.40 110.00
 @

CHARGE TO: American Warrior
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2,878.04
Disc 20% 575.61

PLUG & FLOAT EQUIPMENT

 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

TOTAL 0
Disc 0%

PRINTED NAME X KENNETH McNamee
 SIGNATURE X Kenneth McNamee

SALES TAX (If Any) _____
 TOTAL CHARGES 6,717.34
20% 1,343.47 IF PAID IN 30 DAYS
5,373.87



CHARGE TO: *American Warrior*

ADDRESS

CITY, STATE, ZIP CODE

TICKET 27897

PAGE 1 OF 1

SERVICE LOCATIONS 1. *New City KS*

WELL/PROJECT NO. *C-5* LEASE *Whipple* COUNTY/PARISH *Ness* STATE *KS* CITY *Beeler* DATE *3 Nov 14* OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR RIG NAME/NO. SHIPPED VIA *CT* DELIVERED TO *location* ORDER NO.

3. WELL TYPE *o.i* WELL CATEGORY *H-D Development* JOB PURPOSE *cement port collar* WELL PERMIT NO. WELL LOCATION *8-18-26*

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE <i>TRK 11A</i>	25	mi			6.00	150.00
576D		1			Pump Charge	1	kg			1500.00	1500.00
330		1			SMD cement	130	sk			18.50	2405.00
276		1			Flocele	50	lb			2.50	125.00
290		1			D-AIR	2	gal			42.00	84.00
104		1			Port collar opening tool rental	52	in	1	ea	250.00	250.00
581		1			service charge	200	sk			2.00	400.00
582		1			Drayage (min)	1	oa			250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
DATE SIGNED TIME SIGNED A.M. P.M.

1330

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5164.00
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL
				<i>176.14</i>
				<i>5340.14</i>



CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 27891

PAGE 1 OF 2

SERVICE LOCATIONS 1. Neos City KS WELL/PROJECT NO. C#5 LEASE Whipple COUNTY/PARISH Neos STATE KS CITY Beeler DATE 23 Oct 14 OWNER
 2. TICKET TYPE SERVICE SALES CONTRACTOR DUKE RIG NAME/NO. 5 SHIPPED VIA DELIVERED TO ORDER NO.
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement long string WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	25	mi			6.00	150.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5 1/2	in	9	ea	70.00	630.00
403		1			Cement Basket	5 1/2	in	2	ea	300.00	600.00
404		1			Port Collar	5 1/2	in	1	ea	2900.00	2900.00
406		1			Latch down plug & beffle	5 1/2	in	1	ea	275.00	275.00
407		1			INSERT float shoe w/AUTO FILL	5 1/2	in	1	ea	375.00	375.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED: TIME SIGNED: A.M. P.M.
22:30

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	6430.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5481.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	11,911.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Tax	594.18
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	12,505.68
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: BCM APPROVAL:

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 27891

CUSTOMER American Warrior WELL Whipple C #5 DATE 23 OCT 14 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M						
325		1				STANDARD cement (for GA-2)	175	sk					14.50	2537.50
284		1				calseal	800	lb	8	sk			35.00	280.00
283		1				salt	900	lb					0.20	180.00
292		1				halad-322	125	lb					8.00	1000.00
276		1				Flocflo	50	lb					2.50	125.00
281		1				mudflush	500	gal					1.25	625.00
221		1				KCh liquid	2	gal					25.00	50.00
290		1				D-AIR	2	gal					42.00	84.00
582		1				Drayage (min)	1	cu						250.00
581		1				SERVICE CHARGE							2.00	350.00
						MILEAGE CHARGE								
						TOTAL WEIGHT	18325							
						LOADED MILES	175							
						TON MILES								

CONTINUATION TOTAL 5481.50

JOB LOG

SWIFT Services, Inc.

DATE 23 OCT 14 PAGE NO. 1

CUSTOMER American Warrior WELL NO. C#5 LEASE Whipple JOB TYPE cement long string TICKET NO. 27891

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks EA-2 cement w/ 7# floccle TD = 4650 110jts 5 1/2" x 15.5" casing set e 4632 Port collar #66 1867' Centralizers 1, 2, 4, 5, 6, 8, 10, 65, 67 Basket 2, 66 shoejt 21.14'
	1740							on loc TRK 114
	1810							start 5 1/2" x 15.5" casing in well Drop ball - circulate
	2100	4	12			200		Pump 12 bbl KCL mud flush
		4	20			200		Pump 20 bbl KCL flush
	2110		7					Plug RH - MH 30sk - 20sk
	2118	4 1/2	35			250		mix EA-2 cement 25sk @ 15.3ppg Drop latch down plug wash out pump line
	2133	6				250		Displace plug
		6	104			650		
	2200	6	110			1600		Land plug
	2205							Release pressure to truck - dried up
	2207							wash truck Rack up
	2235							job complete Thru Blaine, Flint, 1/2 casing