



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1229068
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: _____

1229068

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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	Weingartner- Slicker 1-4 Unit
Doc ID	1229068

All Electric Logs Run

Dual IND
Dual Comp. Porosity
Micro
Sonis

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Weingartner- Slicker 1-4 Unit
Doc ID	1229068

Tops

Name	Top	Datum
Heebner	3538	-1590
Duoglas	3581	-1633
Lansing	3723	-1775
BKC	4022	-2074
Marmaton	4058	-2110
Congl	4092	-2144
Miss	4134	-2186
Viola	4175	-2227
Simpson	4252	-2304
Arbuckle		



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Logan Walker

4-26s-31w Pratt,KS

Weingartner-Slicker #1-4

Start Date: 2014.09.01 @ 21:14:16

End Date: 2014.09.02 @ 05:45:16

Job Ticket #: 57752 DST #: 1

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

Printed: 2014.09.08 @ 10:16:43

American Warrior Inc
Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
DST # 1
LKC "F" & G"
2014.09.01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Logan Walker

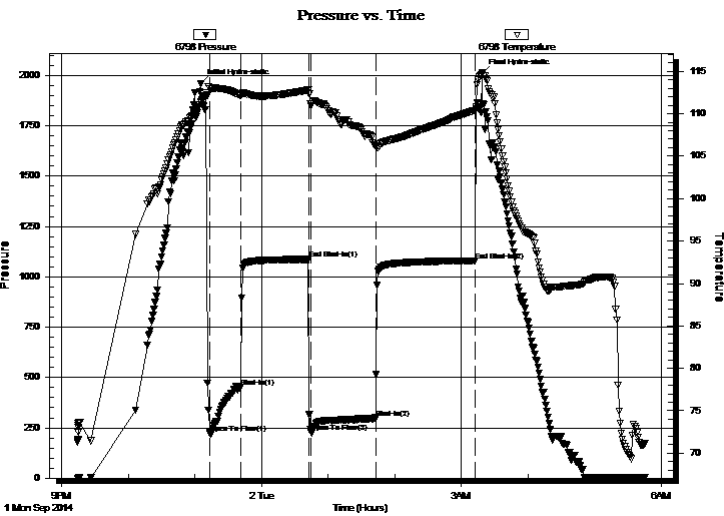
Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
 Job Ticket: 57752 **DST#: 1**
 Test Start: 2014.09.01 @ 21:14:16

GENERAL INFORMATION:

Formation: **LKC "F & G"**
 Deviated: Yes Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 23:13:31 Tester: Leal Cason
 Time Test Ended: 05:45:16 Unit No: 74
 Interval: **3771.00 ft (KB) To 3826.00 ft (KB) (TVD)** Reference Elevations: 1948.00 ft (KB)
 Total Depth: 3826.00 ft (KB) (TVD) 1936.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 299.62 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.01 End Date: 2014.09.02 Last Calib.: 2014.09.02
 Start Time: 21:14:17 End Time: 05:45:16 Time On Btm: 2014.09.01 @ 23:05:01
 Time Off Btm: 2014.09.02 @ 03:18:46

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds, GTS in 6 minutes, Gauged & Caught Sample
 IS: 4" Blow Back
 FF: Strong Blow , BOB & GTS Immediate, Gauged Gas
 FS: 1" Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1957.61	111.37	Initial Hydro-static
9	222.45	112.90	Open To Flow (1)
36	452.60	112.09	Shut-In(1)
98	1087.32	112.80	End Shut-In(1)
100	230.06	110.96	Open To Flow (2)
158	299.62	106.16	Shut-In(2)
248	1080.47	110.39	End Shut-In(2)
254	2010.75	114.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
186.00	GOMCW 30%G 10%O 20%M 40%W	2.61
164.00	GOWCM 5%G 2%O 15%W 78%M	2.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	180.00	308.40
Last Gas Rate	0.50	100.00	771.71
Max. Gas Rate	0.25	300.00	498.76



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Logan Walker

Weingartner-Slicker #1-4

4-26s-31w Pratt,KS

Job Ticket: 57752 **DST#: 1**
 Test Start: 2014.09.01 @ 21:14:16

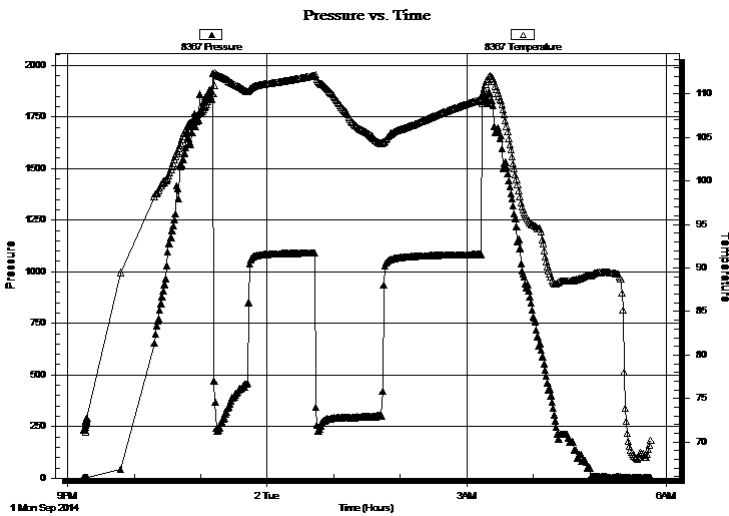
GENERAL INFORMATION:

Formation: **LKC "F & G"**
 Deviated: Yes Whipstock: ft (KB)
 Time Tool Opened: 23:13:31
 Time Test Ended: 05:45:16
 Interval: **3771.00 ft (KB) To 3826.00 ft (KB) (TVD)**
 Total Depth: 3826.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1948.00 ft (KB)
 1936.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.01 End Date: 2014.09.02 Last Calib.: 2014.09.02
 Start Time: 21:14:17 End Time: 05:46:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds, GTS in 6 minutes, Gauged & Caught Sample
 IS: 4" Blow Back
 FF: Strong Blow , BOB & GTS Immediate, Gauged Gas
 FS: 1" Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
186.00	GOMCW 30%G 10%O 20%M 40%W	2.61
164.00	GOWCM 5%G 2%O 15%W 78%M	2.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	180.00	308.40
Last Gas Rate	0.50	100.00	771.71
Max. Gas Rate	0.25	300.00	498.76



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57752 **DST#: 1**
Test Start: 2014.09.01 @ 21:14:16

Tool Information

Drill Pipe:	Length: 3750.00 ft	Diameter: 3.80 inches	Volume: 52.60 bbl	Tool Weight:	2100.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 52.60 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3771.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	81.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3750.00	
Hydraulic tool	5.00			3755.00	
Jars	5.00			3760.00	
Safety Joint	2.00			3762.00	
Packer	5.00			3767.00	26.00 Bottom Of Top Packer
Packer	4.00			3771.00	
Stubb	1.00			3772.00	
Recorder	0.00	6798	Inside	3772.00	
Recorder	0.00	8367	Outside	3772.00	
Perforations	13.00			3785.00	
Change Over Sub	1.00			3786.00	
Drill Pipe	31.00			3817.00	
Change Over Sub	1.00			3818.00	
Perforations	5.00			3823.00	
Bullnose	3.00			3826.00	55.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57752 **DST#: 1**
Test Start: 2014.09.01 @ 21:14:16

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:	85000 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
186.00	GOMCW 30%G 10%O 20%M 40%W	2.609
164.00	GOWCM 5%G 2%O 15%W 78%M	2.300

Total Length: 350.00 ft Total Volume: 4.909 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .09 @ 72 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

American Warrior Inc

Weingartner-Slicker #1-4

PO Box 399
Garden City, KS 67846

4-26s-31w Pratt,KS

Job Ticket: 57752

DST#: 1

ATTN: Logan Walker

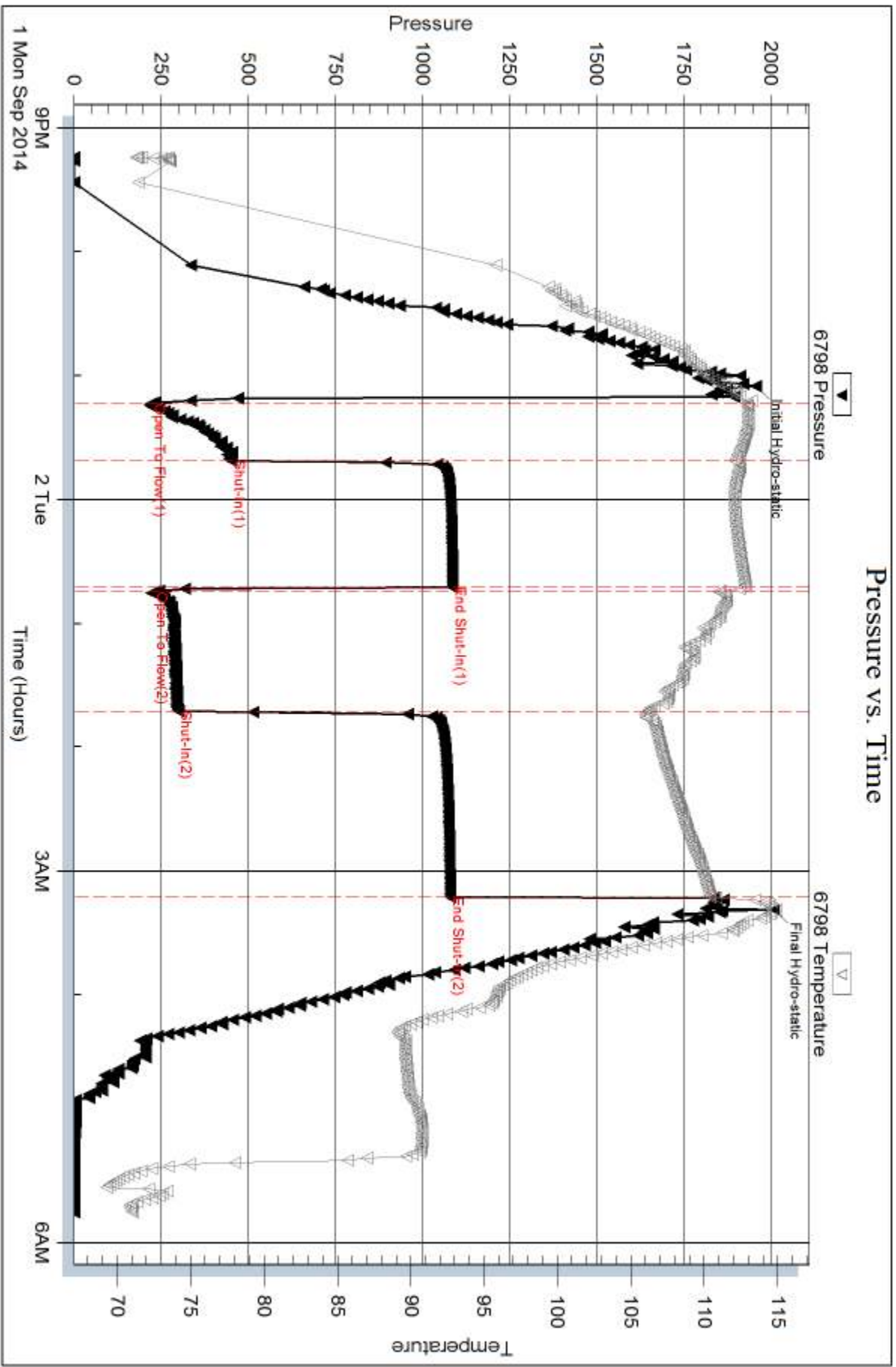
Test Start: 2014.09.01 @ 21:14:16

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.25	180.00	308.40
1	20	0.25	240.00	403.58
1	30	0.25	300.00	498.76
2	10	0.50	88.00	690.76
2	20	0.50	95.00	737.98
2	30	0.50	100.00	771.71
2	40	0.50	100.00	771.71
2	50	0.50	100.00	771.71
2	60	0.50	100.00	771.71

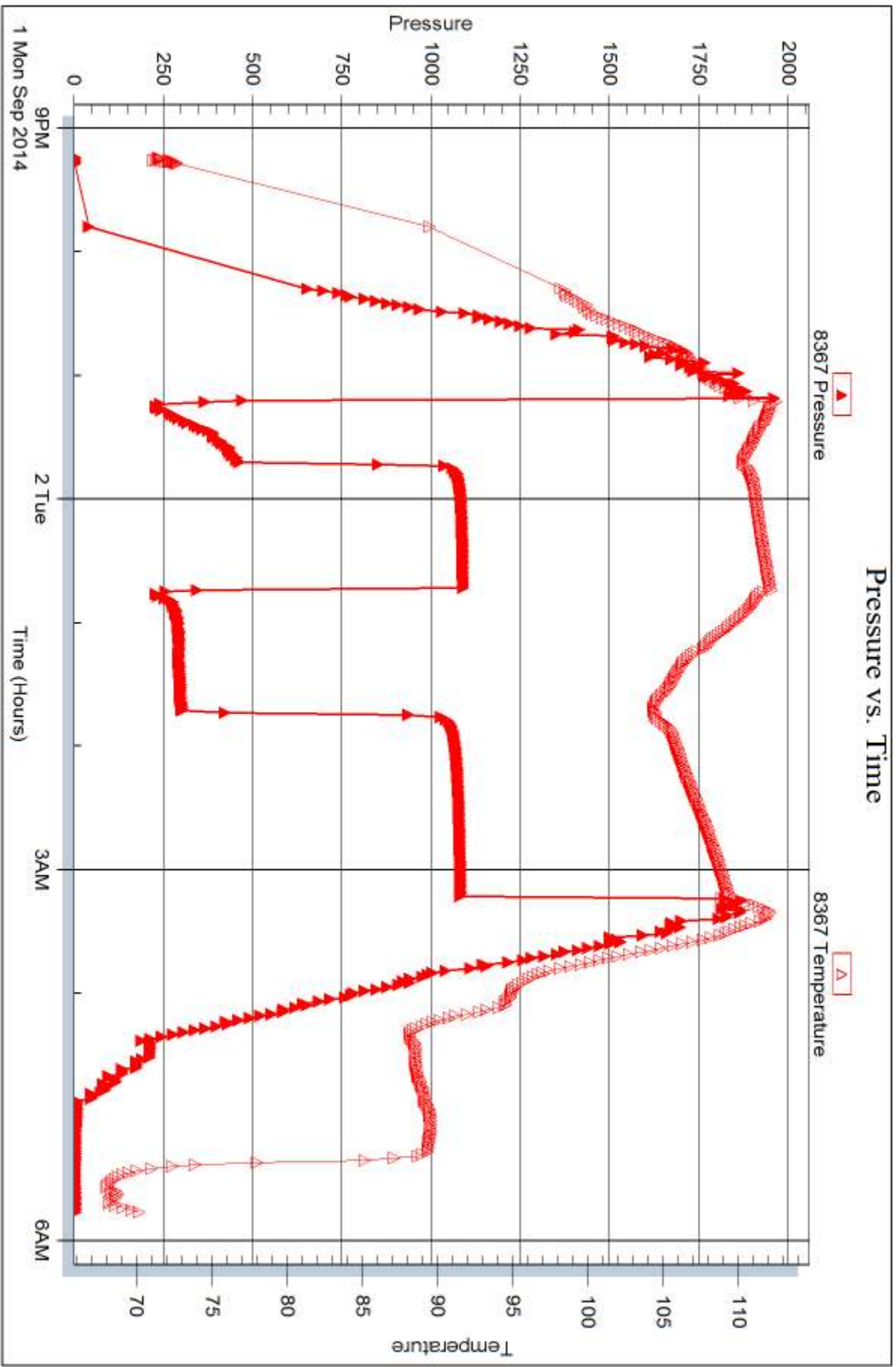


Serial #: 8367

Outside American Warrior Inc

4-265-31w Pat:KS

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57752

Printed: 2014.09.08 @ 10:16:45



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Logan Walker

4-26s-31w Pratt,KS

Weingartner-Slicker #1-4

Start Date: 2014.09.02 @ 17:55:49

End Date: 2014.09.03 @ 01:42:34

Job Ticket #: 57753 DST #: 2

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

Printed: 2014.09.08 @ 11:06:29

American Warrior Inc

Weingartner-Slicker #1-4

4-26s-31w Pratt,KS

DST # 2

LKC "H"

2014.09.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
 Job Ticket: 57753 **DST#: 2**
 Test Start: 2014.09.02 @ 17:55:49

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: Yes Whipstock: ft (KB)
 Time Tool Opened: 19:34:49
 Time Test Ended: 01:42:34
 Interval: **3863.00 ft (KB) To 3893.00 ft (KB) (TVD)**
 Total Depth: 3893.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1948.00 ft (KB)
 1936.00 ft (CF)
 KB to GR/CF: 12.00 ft

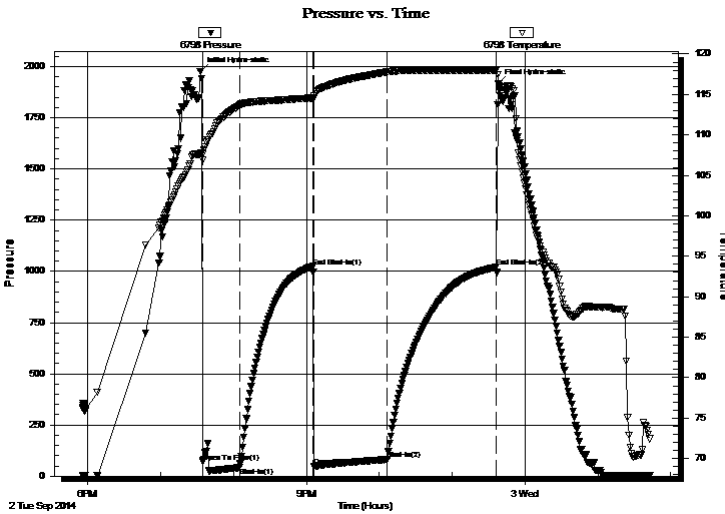
Serial #: 6798

Inside

Press@RunDepth: 82.69 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.02 End Date: 2014.09.03 Last Calib.: 2014.09.03
 Start Time: 17:55:50 End Time: 01:42:34 Time On Btm: 2014.09.02 @ 19:32:34
 Time Off Btm: 2014.09.02 @ 23:38:04

TEST COMMENT: IF: Fair Blow , BOB in 5 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB in 3 minutes
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.78	107.67	Initial Hydro-static
3	69.72	107.62	Open To Flow (1)
33	41.49	113.64	Shut-In(1)
93	1023.86	114.56	End Shut-In(1)
94	46.25	114.54	Open To Flow (2)
154	82.69	117.79	Shut-In(2)
244	1020.17	117.98	End Shut-In(2)
246	1916.96	116.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	186 GIP	0.00
62.00	GOMCW 4%G 4%O 24%M 68%W	0.87
92.00	GOCM 10%G 5%O 85%M	1.29

* 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
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57753 **DST#: 2**
Test Start: 2014.09.02 @ 17:55:49

Tool Information

Drill Pipe:	Length: 3873.00 ft	Diameter: 3.80 inches	Volume: 54.33 bbl	Tool Weight:	2100.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 54.33 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3868.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	51.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3847.00	
Hydraulic tool	5.00			3852.00	
Jars	5.00			3857.00	
Safety Joint	2.00			3859.00	
Packer	5.00			3864.00	26.00 Bottom Of Top Packer
Packer	4.00			3868.00	
Stubb	1.00			3869.00	
Recorder	0.00	6798	Inside	3869.00	
Recorder	0.00	8367	Outside	3869.00	
Perforations	21.00			3890.00	
Bullnose	3.00			3893.00	25.00 Bottom Packers & Anchor

Total Tool Length: 51.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57753 **DST#: 2**
Test Start: 2014.09.02 @ 17:55:49

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:	78000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 11000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	186 GIP	0.000
62.00	GOMCW 4%G 4%O 24%M 68%W	0.870
92.00	GOCM 10%G 5%O 85%M	1.291

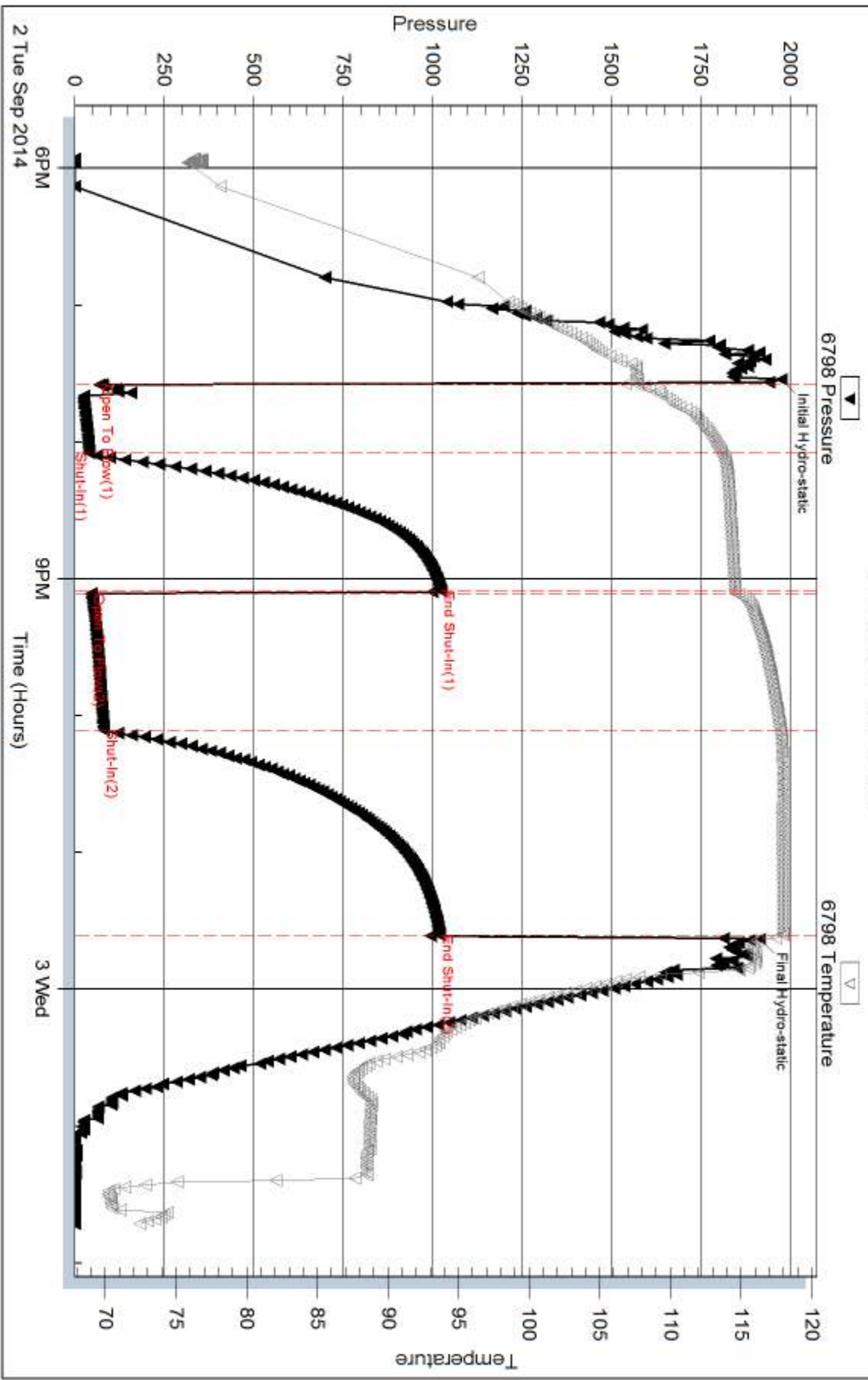
Total Length: 154.00 ft Total Volume: 2.161 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .1 @ 70 degrees

Pressure vs. Time

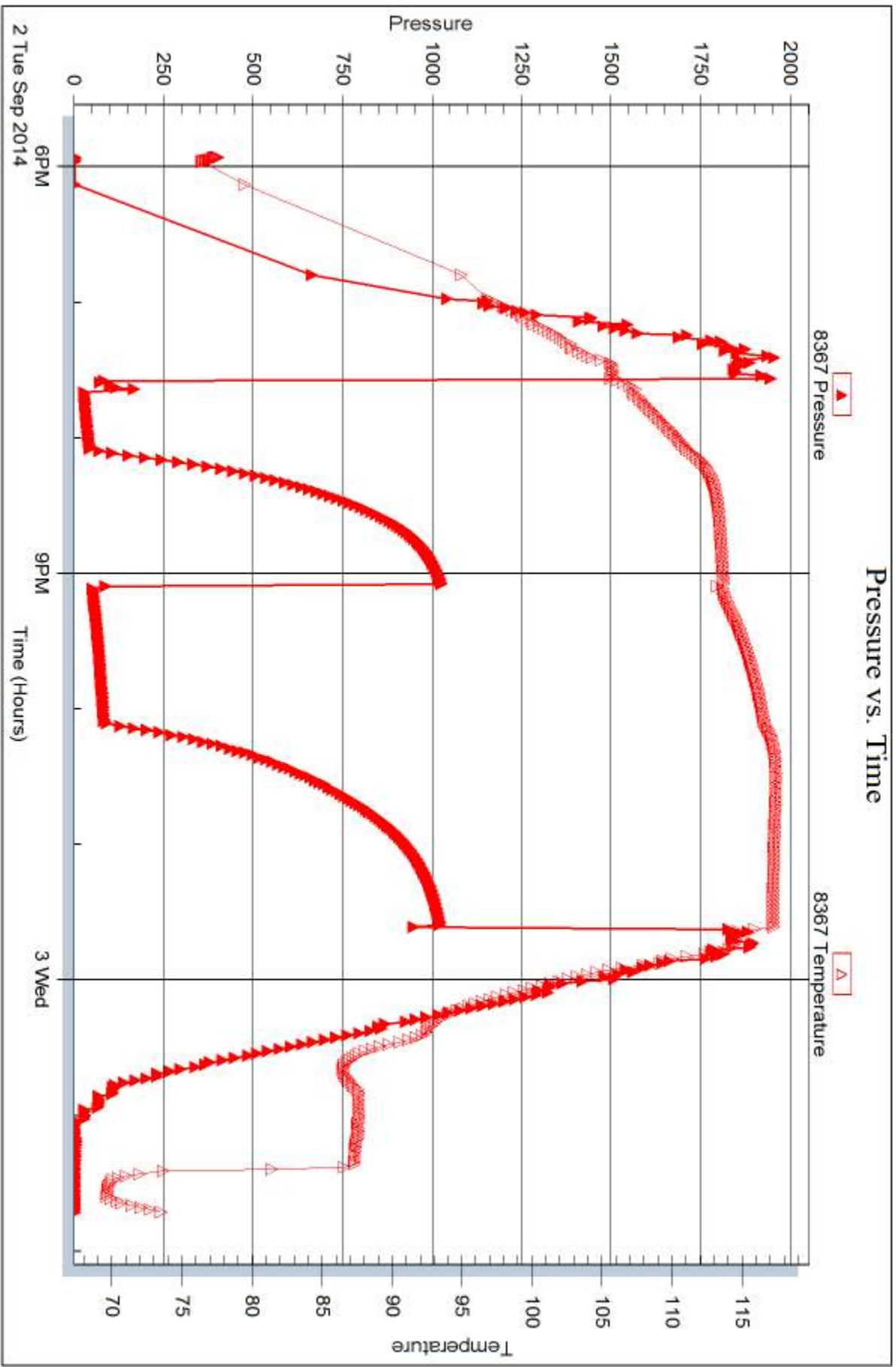


Serial #: 8367

Outside American Warrior Inc

4-26s-31w PrattKS

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 57753

Printed: 2014.09.08 @ 11:06:30



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Logan Walker

4-26s-31w Pratt,KS

Weingartner-Slicker #1-4

Start Date: 2014.09.03 @ 20:31:00

End Date: 2014.09.04 @ 04:07:15

Job Ticket #: 57754 DST #: 3

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

Printed: 2014.09.08 @ 11:05:58

American Warrior Inc

Weingartner-Slicker #1-4

4-26s-31w Pratt,KS

DST # 3

LKC "I, J, K"

2014.09.03



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
 Job Ticket: 57754 **DST#: 3**
 Test Start: 2014.09.03 @ 20:31:00

GENERAL INFORMATION:

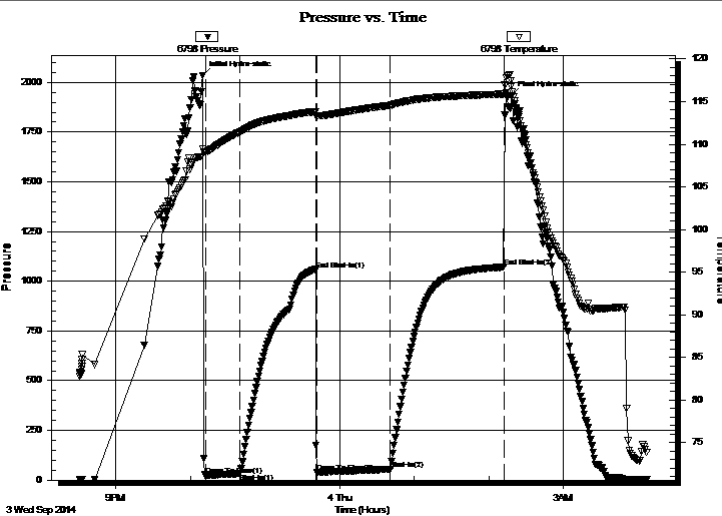
Formation: **LKC "I, J, K"**
 Deviated: Yes Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 22:12:15
 Tester: Leal Cason
 Time Test Ended: 04:07:15
 Unit No: 74
 Interval: **3898.00 ft (KB) To 4034.00 ft (KB) (TVD)**
 Reference Elevations: 1948.00 ft (KB)
 Total Depth: 4034.00 ft (KB) (TVD)
 1936.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 12.00 ft

Serial #: 6798

Inside

Press@RunDepth: 54.91 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.09.03 End Date: 2014.09.04 Last Calib.: 2014.09.04
 Start Time: 20:31:01 End Time: 04:07:15 Time On Btm: 2014.09.03 @ 22:09:45
 Time Off Btm: 2014.09.04 @ 02:18:00

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
 IS: 3" Blow Back
 FF: Strong Blow , BOB in 10 seconds
 FS: GTS During Bleed Off, Weak Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2035.20	109.41	Initial Hydro-static
3	23.35	109.11	Open To Flow (1)
31	32.55	111.43	Shut-In(1)
91	1059.30	113.82	End Shut-In(1)
92	37.80	113.36	Open To Flow (2)
151	54.91	114.56	Shut-In(2)
243	1071.03	115.89	End Shut-In(2)
249	1933.26	116.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3784 GIP	0.00
90.00	GCM 2%G 98%M	1.26

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

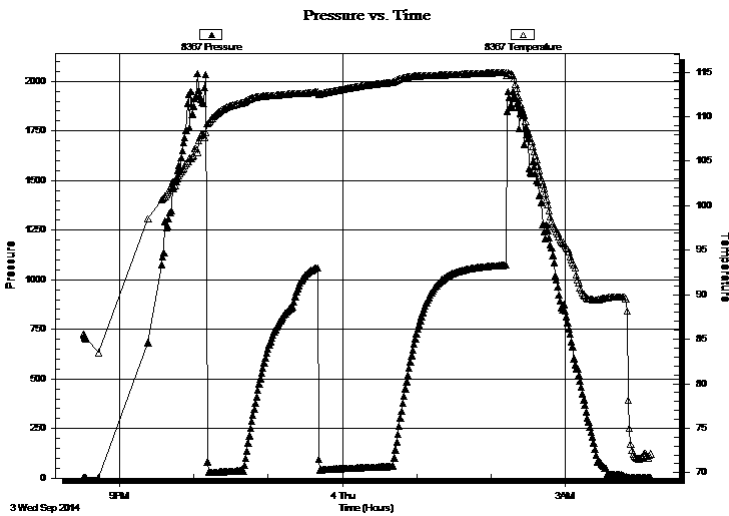
Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57754 **DST#: 3**
Test Start: 2014.09.03 @ 20:31:00

GENERAL INFORMATION:

Formation: **LKC "I, J, K"**
Deviated: Yes Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 22:12:15 Tester: Leal Cason
Time Test Ended: 04:07:15 Unit No: 74
Interval: 3898.00 ft (KB) To 4034.00 ft (KB) (TVD) Reference Elevations: 1948.00 ft (KB)
Total Depth: 4034.00 ft (KB) (TVD) 1936.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 8367 **Outside**
Press@RunDepth: psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2014.09.03 End Date: 2014.09.04 Last Calib.: 2014.09.04
Start Time: 20:31:01 End Time: 04:08:45 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes
IS: 3" Blow Back
FF: Strong Blow , BOB in 10 seconds
FS: GTS During Bleed Off, Weak Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3784 GIP	0.00
90.00	GCM 2%G 98%M	1.26

* 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
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57754 **DST#: 3**
Test Start: 2014.09.03 @ 20:31:00

Tool Information

Drill Pipe:	Length: 3874.00 ft	Diameter: 3.80 inches	Volume: 54.34 bbl	Tool Weight:	2100.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 54.34 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3898.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	136.00 ft				
Tool Length:	162.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3877.00	
Hydraulic tool	5.00			3882.00	
Jars	5.00			3887.00	
Safety Joint	2.00			3889.00	
Packer	5.00			3894.00	26.00 Bottom Of Top Packer
Packer	4.00			3898.00	
Stubb	1.00			3899.00	
Recorder	0.00	6798	Inside	3899.00	
Recorder	0.00	8367	Outside	3899.00	
Perforations	4.00			3903.00	
Change Over Sub	1.00			3904.00	
Drill Pipe	126.00			4030.00	
Change Over Sub	1.00			4031.00	
Bullnose	3.00			4034.00	136.00 Bottom Packers & Anchor

Total Tool Length: 162.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57754 **DST#: 3**
Test Start: 2014.09.03 @ 20:31:00

Mud and Cushion Information

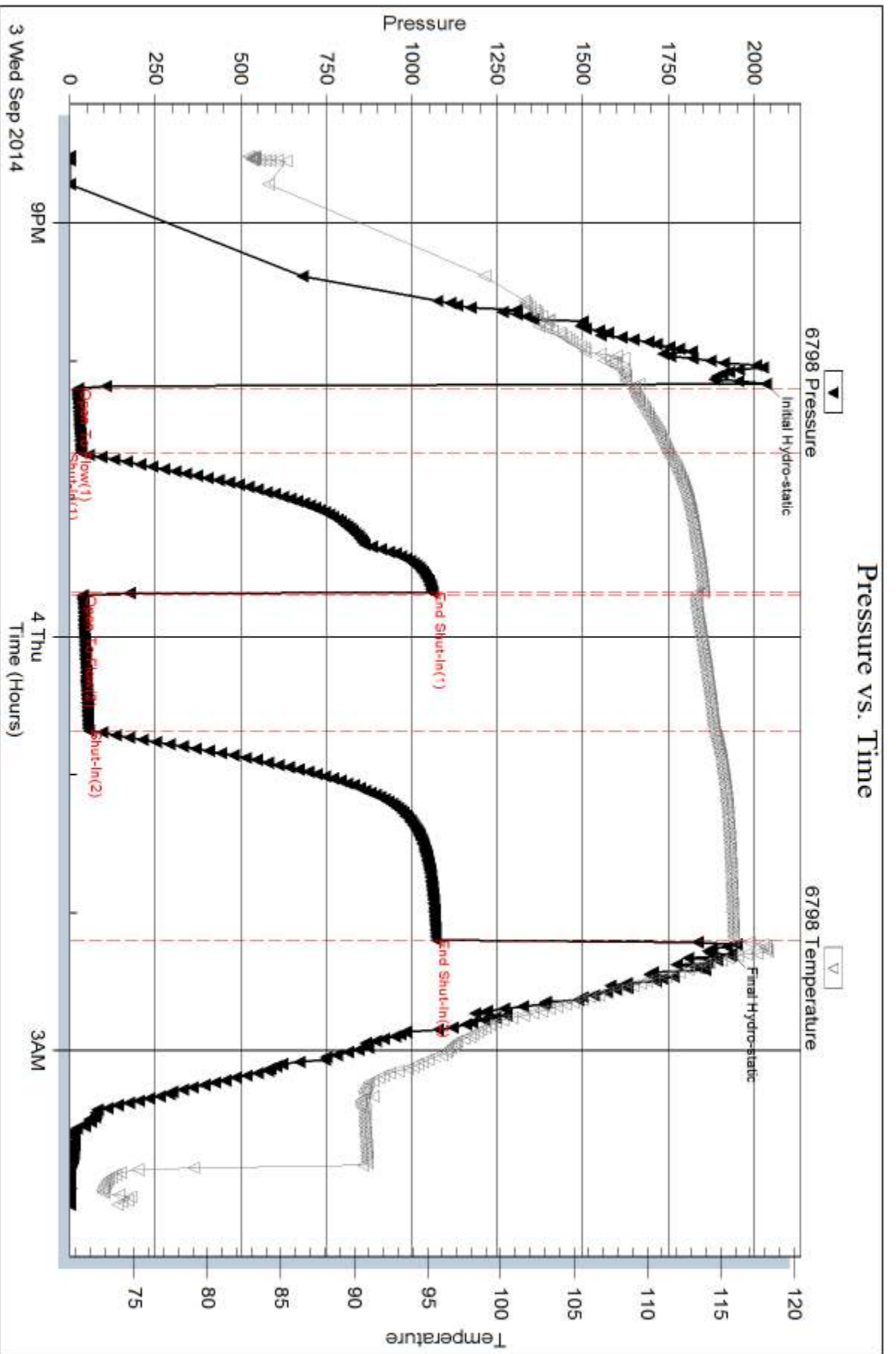
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3784 GIP	0.000
90.00	GCM 2%G 98%M	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

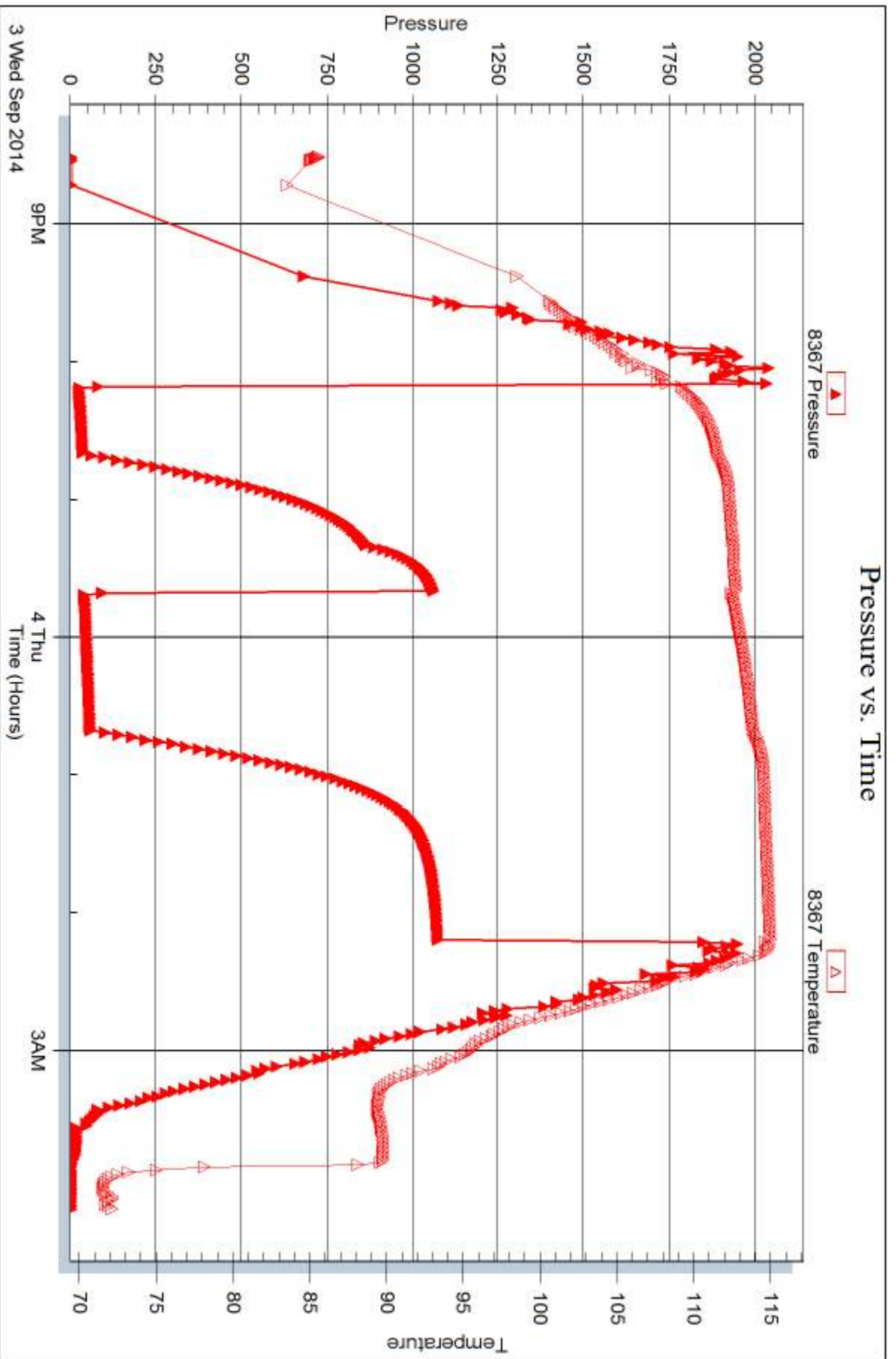


Serial #: 8367

Outside American Warrior Inc

4-265-31w Patl:KS

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 57754

Printed: 2014.09.08 @ 11:05:59



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Logan Walker

4-26s-31w Pratt,KS

Weingartner-Slicker #1-4

Start Date: 2014.09.04 @ 20:44:02

End Date: 2014.09.05 @ 04:27:02

Job Ticket #: 57755 DST #: 4

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

Printed: 2014.09.08 @ 11:05:15

American Warrior Inc

Weingartner-Slicker #1-4

4-26s-31w Pratt,KS

DST # 4

Marmaton/Mississippi

2014.09.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

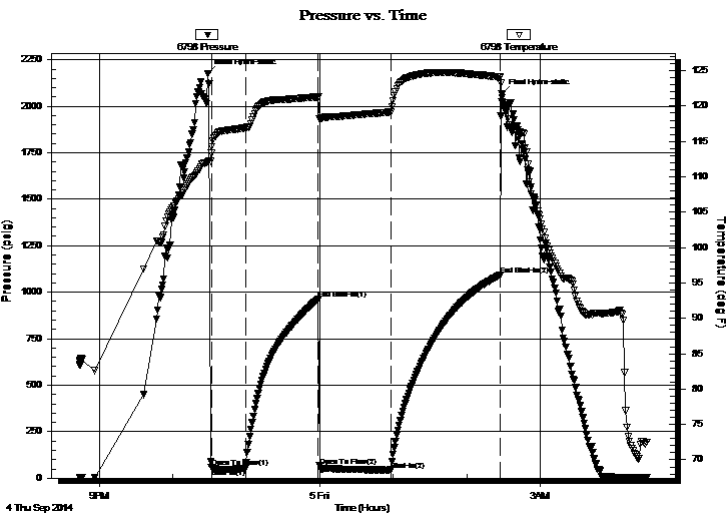
Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57755 **DST#: 4**
Test Start: 2014.09.04 @ 20:44:02

GENERAL INFORMATION:

Formation: **Marmaton/Mississippi**
Deviated: Yes Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 22:31:32 Tester: Leal Cason
Time Test Ended: 04:27:02 Unit No: 74
Interval: **4076.00 ft (KB) To 4166.00 ft (KB) (TVD)** Reference Elevations: 1948.00 ft (KB)
Total Depth: 4166.00 ft (KB) (TVD) 1936.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 12.00 ft

Serial #: 6798 Inside
Press@RunDepth: 44.79 psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2014.09.04 End Date: 2014.09.05 Last Calib.: 2014.09.05
Start Time: 20:44:03 End Time: 04:27:02 Time On Btm: 2014.09.04 @ 22:28:47
Time Off Btm: 2014.09.05 @ 02:28:32

TEST COMMENT: IF: Strong Blow , BOB in 1 minute
IS: 3" Blow Back
FF: Strong Blow , BOB immediate, GTS in 3 minutes, Caught Sample, TSTM
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2177.10	112.15	Initial Hydro-static
3	56.59	113.35	Open To Flow (1)
31	51.54	116.93	Shut-In(1)
90	963.21	121.26	End Shut-In(1)
92	61.59	118.10	Open To Flow (2)
149	44.79	119.12	Shut-In(2)
239	1092.00	124.08	End Shut-In(2)
240	2065.93	120.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
62.00	GCM 1%G 99%M	0.87

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
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57755 **DST#: 4**
Test Start: 2014.09.04 @ 20:44:02

Tool Information

Drill Pipe:	Length: 4062.00 ft	Diameter: 3.80 inches	Volume: 56.98 bbl	Tool Weight:	2100.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 56.98 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4076.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	116.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			4055.00	
Hydraulic tool	5.00			4060.00	
Jars	5.00			4065.00	
Safety Joint	2.00			4067.00	
Packer	5.00			4072.00	26.00 Bottom Of Top Packer
Packer	4.00			4076.00	
Stubb	1.00			4077.00	
Recorder	0.00	6798	Inside	4077.00	
Recorder	0.00	8367	Outside	4077.00	
Perforations	6.00			4083.00	
Change Over Sub	1.00			4084.00	
Drill Pipe	63.00			4147.00	
Change Over Sub	1.00			4148.00	
Perforations	15.00			4163.00	
Bullnose	3.00			4166.00	90.00 Bottom Packers & Anchor

Total Tool Length: 116.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City, KS 67846
ATTN: Logan Walker

Weingartner-Slicker #1-4
4-26s-31w Pratt,KS
Job Ticket: 57755 **DST#: 4**
Test Start: 2014.09.04 @ 20:44:02

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 13000.00 ppm			
Filter Cake: 0.02 inches			

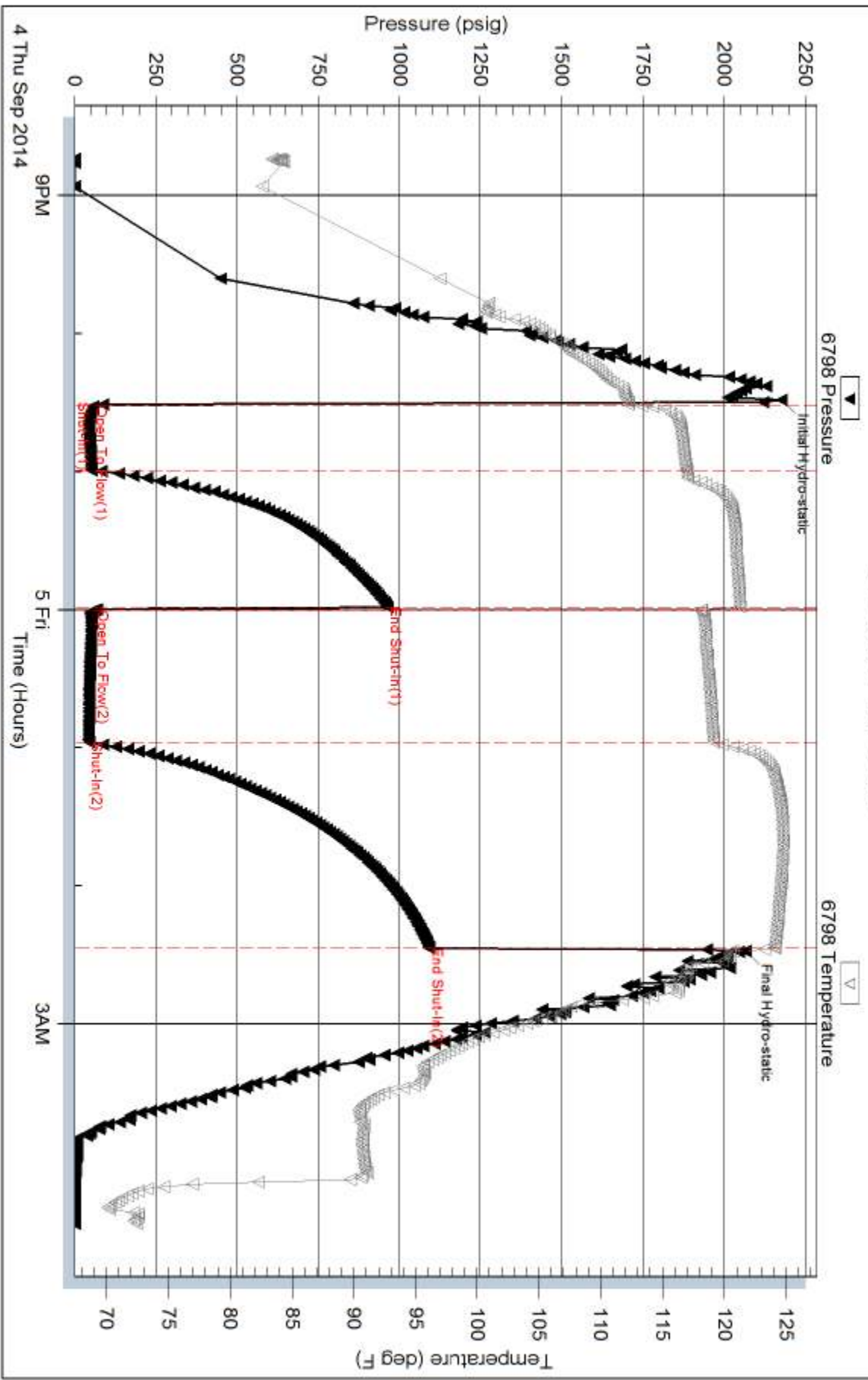
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GTS	0.000
62.00	GCM 1%G 99%M	0.870

Total Length: 62.00 ft Total Volume: 0.870 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

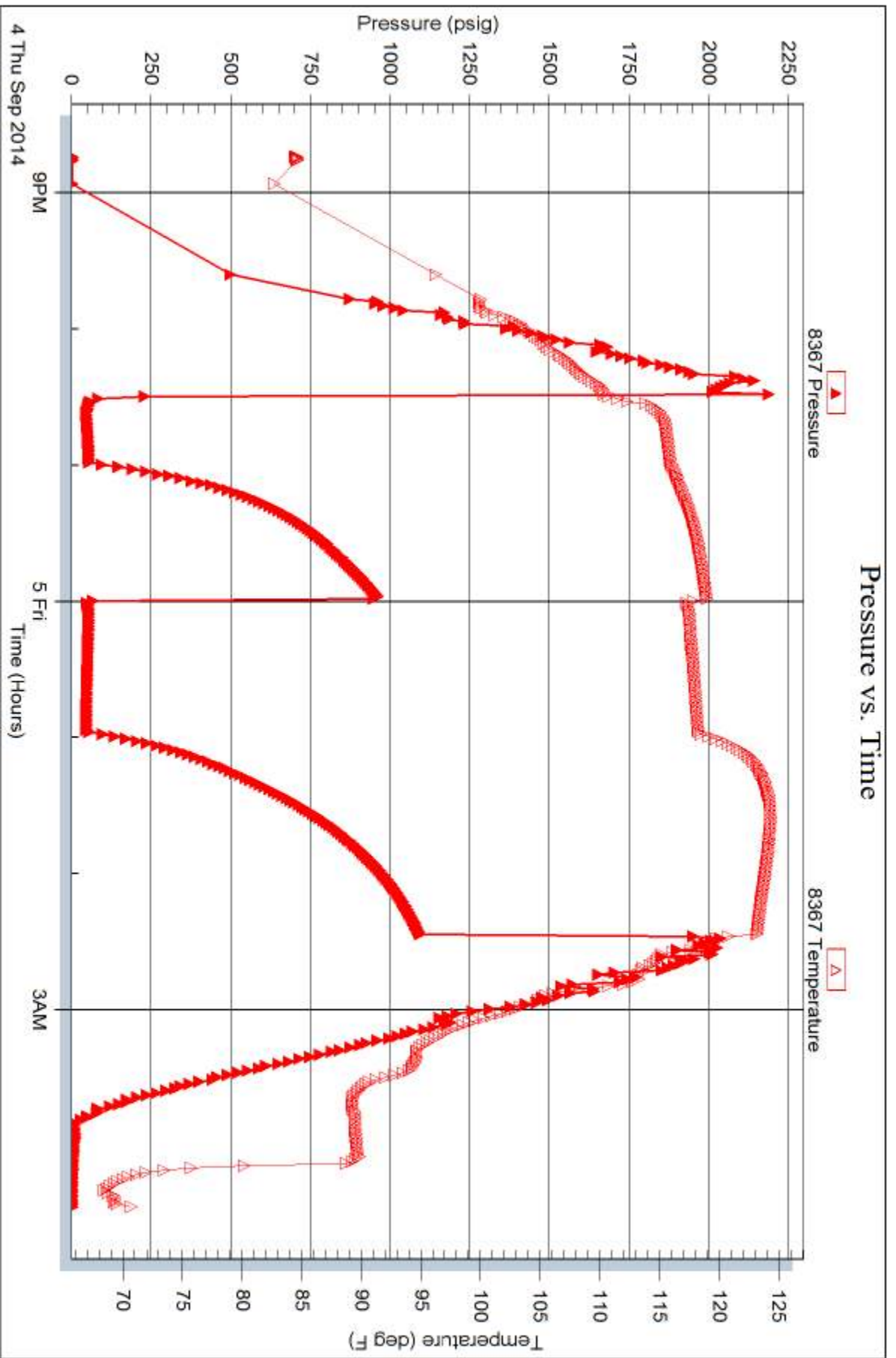


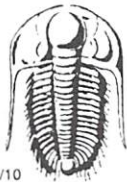
Serial #: 8367

Outside American Warrior Inc

4-265-31w Patl:KS

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57752

4/10

Well Name & No. Weingartner-Slicker 1-4 Test No. 1 Date 09/01/14
 Company American Warrior inc Elevation 1948 KB 1936 GL
 Address PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Logan Walker Rig Duke 1
 Location: Sec. 4 Twp. 26S Rge. 31W Co. Pratt State KS

Interval Tested 3771 - 3826 Zone Tested Lansing "F+G"
 Anchor Length 55 Drill Pipe Run 3750 Mud Wt. 9.5
 Top Packer Depth 3766 Drill Collars Run 0 Vis 63
 Bottom Packer Depth 3771 Wt. Pipe Run 0 WL 10.8
 Total Depth 3826 Chlorides 13000 ppm System LCM 1

Blow Description IF: Strong Blow, BOB in 20 seconds, GTS in 6 minutes Gauged Gas
ASI: 4 inch Blow Back

FF: Strong Blow, BOB + GTS Immediate Gauged + Caught Sample

FSI: 1 inch Blow Back

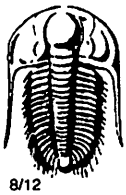
Rec	Feet of	%gas	%oil	%water	%mud
<u>3400</u>	<u>GIP</u>				
<u>164</u>	<u>60 MCW</u>	<u>5</u>	<u>2</u>	<u>15</u>	<u>78</u>
<u>186</u>	<u>60 MCW</u>	<u>30</u>	<u>10</u>	<u>40</u>	<u>20</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 350 BHT 110 Gravity N/C API RW 0.09 @ 72 °F Chlorides 85000 ppm

(A) Initial Hydrostatic 1958 Test 1150 T-On Location 20:00
 (B) First Initial Flow 222 Jars 250 T-Started 21:14
 (C) First Final Flow 452 Safety Joint 75 T-Open 23:13
 (D) Initial Shut-In 1087 Circ Sub _____ T-Pulled 03:12
 (E) Second Initial Flow 230 Hourly Standby _____ T-Out 05:45
 (F) Second Final Flow 299 Mileage (30) 46.50 Comments _____
 (G) Final Shut-In 1080 Sampler _____
 (H) Final Hydrostatic 2011 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1521.50

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

Gas Volume Report

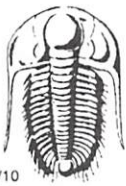
American Warrior Inc
Operator

Weingartner-slicker 1-4
Well Name and No.

1
DST No.

Min.	Inch. of Water PSI	Orifice Size	MCF	Min.	Inch. of Water PSI	Orifice Size	MCF
10	170	1/4	308.397	10	88	1/2	690.759
20	240	1/4	403.581	20	95	1/2	737.979
30	300	1/4	492.885 498.765	30	100	1/2	771.707
				40	100	1/2	771.707
				50	100	1/2	771.707
				60	100	1/2	771.707

Remarks:



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57753

4/10

Well Name & No. Weingartner-Slicker 1-4 Test No. 2 Date 09/02/14
 Company American warrior inc Elevation 1948 KB 1936 GL
 Address PO Box 399 Garden City, ~~MO~~ KS 67846
 Co. Rep / Geo. Logan Walker Rig Duke 1
 Location: Sec. 4 Twp. 26S Rge. 31W Co. Pratt State Ks

Interval Tested 3868 - 3893 Zone Tested Lansing "H"
 Anchor Length 25 Drill Pipe Run 3873 Mud Wt. 9.4
 Top Packer Depth 3863 Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3868 Wt. Pipe Run 0 WL 9.6
 Total Depth 3893 Chlorides 11000 ppm System LCM 1

Blow Description IF: Fair Blow, BOB in 5 minutes
ISF: NO Blow Back
FF: strong Blow, BOB in 3 minutes
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>186</u>	<u>GIP</u>				
<u>92</u>	<u>GOCM</u>	<u>10</u>	<u>5</u>	<u>85</u>	
<u>62</u>	<u>GOMCW</u>	<u>4</u>	<u>4</u>	<u>68</u>	<u>24</u>
<u>48</u>					

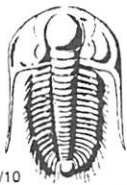
Rec Total 154 BHT 118 Gravity NIC API RW .1 @ 70 ° F Chlorides 78000 ppm

(A) Initial Hydrostatic 1977 Test 1150 T-On Location 17:00
 (B) First Initial Flow 70 Jars 250 T-Started 17:55
 (C) First Final Flow 41 Safety Joint 75 T-Open 19:34
 (D) Initial Shut-In 1024 Circ Sub _____ T-Pulled 23:36
 (E) Second Initial Flow 46 Hourly Standby _____ T-Out 01:42
 (F) Second Final Flow 83 Mileage 46.50 30 Comments _____
 (G) Final Shut-In 1020 Sampler _____
 (H) Final Hydrostatic 1917 Straddle _____

Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1521.50 Total 1521.50
 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. 57754

Well Name & No. Weingartner - Slicker 1-4 Test No. 3 Date 09/03/14
 Company American Warrior Inc Elevation 1948 KB 1936 GL
 Address PO BOX 399 Garden City, KS 67846
 Co. Rep / Geo. Logan Walker Rig Duke 1
 Location: Sec. 4 Twp. 26S Rge. 31W Co. Pratt State Ks

Interval Tested 3898 - 4034 Zone Tested Lansing "E, J, K"
 Anchor Length 136 Drill Pipe Run 3874 Mud Wt. 9.0
 Top Packer Depth 3893 Drill Collars Run 0 Vis 55
 Bottom Packer Depth 3898 Wt. Pipe Run 0 WL 9.6
 Total Depth 4034 Chlorides 10,500 ppm System LCM 1

Blow Description IF: strong Blow, BOB in 3 minutes
IST: 3 inch Blow Back
FF: strong Blow, BOB in 10 seconds
FSI: GTS During Bleed off, weak surface Blow Back

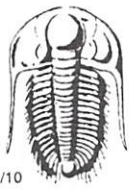
Rec	Feet of	%gas	%oil	%water	%mud
<u>3784</u>	<u>GIP</u>				
<u>90</u>	<u>GCM</u>	<u>2</u>			<u>98</u>

Rec Total 90 BHT 116 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic	<u>2035</u>	<input checked="" type="checkbox"/> Test	<u>1250</u>	T-On Location	<u>19:30</u>
(B) First Initial Flow	<u>23</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>20:31</u>
(C) First Final Flow	<u>33</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>22:12</u>
(D) Initial Shut-In	<u>1059</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>02:12</u>
(E) Second Initial Flow	<u>38</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>04:07</u>
(F) Second Final Flow	<u>55</u>	<input checked="" type="checkbox"/> Mileage	<u>30</u> 46.50	Comments	
(G) Final Shut-In	<u>1071</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1933</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>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>90</u>	<input type="checkbox"/> Day Standby		Total	<u>1621.50</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1621.50</u>		

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57755

Well Name & No. Weingartner - slicker 1-4 Test No. 4 Date 09/04/14
 Company American warrior inc Elevation 1948 KB 1936 GL
 Address PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Logan walker Rig Duke 1
 Location: Sec. 4 Twp. 26S Rge. 31W Co. Pratt, State KS

Interval Tested 4076 - 4166 Zone Tested Marmaton / Mississippi
 Anchor Length 90 Drill Pipe Run 4062 Mud Wt. 8.9
 Top Packer Depth 4071 Drill Collars Run 0 Vis 62
 Bottom Packer Depth 4076 Wt. Pipe Run 0 WL 9.6
 Total Depth 4166 Chlorides 9000 ppm System LCM 1

Blow Description IF: strong blow, BOB in 1 minute
ISI: 3 inch Blow Back
FF: strong blow, BOB immediate, GTS in 3 minutes, caught sample, TSTM
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>4000</u>	<u>GIP</u>				
<u>62</u>	<u>GCM</u>			<u>99</u>	

Rec Total 62 BHT 124 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2177</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>20:00</u>
(B) First Initial Flow <u>57</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:44</u>
(C) First Final Flow <u>52</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:31</u>
(D) Initial Shut-In <u>963</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>02:27</u>
(E) Second Initial Flow <u>62</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>04:27</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>309</u> 46.50	Comments <u>Released @</u>
(G) Final Shut-In <u>1092</u>	<input type="checkbox"/> Sampler 46.50	<u>06:00 on 09/06/14</u>
(H) Final Hydrostatic <u>2066</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>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>800</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby <u>1d 1.5h</u>	Total <u>2468.00</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1668.00</u>	

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.

OPERATOR

Company: American Warrior, Inc.
 Address: 3118 Cummings Rd
 PO BOX 399
 Garden City, Ks 67846
 Contact Geologist: Kevin Wiles
 Contact Phone Nbr: 620-275-2963
 Well Name: Weingartner-Slicker Unit #1-4
 Location: Sec.4 - T26S - R13W
 API: 15-151-22436-01-00
 Pool: _____
 State: Kansas
 Field: Frisbie Northeast
 Country: USA

Scale 1:240 Imperial

Well Name: Weingartner-Slicker Unit #1-4
 Surface Location: Sec.4 - T26S - R13W
 Bottom Location: _____
 API: 15-151-22436-01-00
 License Number: 5929
 Spud Date: 8/25/2014
 Region: Pratt County
 Drilling Completed: 9/6/2014
 Surface Coordinates: 3744' FSL & 134' FWL
 Bottom Hole Coordinates: _____
 Ground Elevation: 1936.00ft
 K.B. Elevation: 1948.00ft
 Logged Interval: 3300.00ft
 Total Depth: 4367.00ft
 Formation: Arbuckle
 Drilling Fluid Type: Chemical/Fresh Water Gel
 Time: 12:00 AM
 Time: 3:45 AM
 To: 4367.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: _____
 Latitude: _____
 N/S Co-ord: 3744' FSL
 E/W Co-ord: 134' FWL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530
 Phone Nbr: 620-617-4091
 Logged By: Logan Walker
 Name: Logan Walker

CONTRACTOR

Contractor: Duke Drilling
 Rig #: 1
 Rig Type: mud rotary
 Spud Date: 8/25/2014
 TD Date: 9/6/2014
 Rig Release: _____
 Time: 12:00 AM
 Time: 3:45 AM
 Time: _____

ELEVATIONS

K.B. Elevation: 1948.00ft
 K.B. to Ground: 12.00ft
 Ground Elevation: 1936.00ft

NOTES

This well was intentionally drilled at a slight deviation from under surface to meet right of way offset to a high pressure gas line and was deviated back to vertical @ 3380 total measured depth. Directional crew pulled tools, true vertical at this depth is 3367'

A Bloodhound gas detector operated by Bluestem Environmental was employed on this well. ROP & GAS curves were imported into this log as well as GAMMA-Caliper from E-Log suite.

ROP was off @ serval points & this curve was shifted to match E-Logs. The drill stem test intervals were also shifted to match E-Logs.

The samples from this well were saved and will be available for review at the Kansas Geological Survey well sample Library located in Wichita, KS.

Respectfully submitted,
 Logan Walker

American Warrior

daily drilling report

DATE	7:00 AM DEPTH	REMARKS
08/31/2014		Geologist Logan Walker on location @ 1105 hrs, 3288 ft, drilling ahead
09/01/2014		Drilling ahead the Topeka, Heebner, Lansing, shows in the F warrants test. TOH w/bit for DST #1, TIH w/tool
09/02/2014		TOH w/tool, TIH w/bit, conduct and complete DST #1, successful test, TIH w/bit resume drilling the Lansing G, H, shows in H warrants test TOH w/bit for DST #2 TIH w/tool, conduct and complete DST #2, successful test, TOH w/tool
09/03/2014		TIH w/bit, resume drilling the I, J, K, shows in the I, J, K warrants test TOH w/bit for DST #3, TIH w/tool, conduct DST #3
09/04/2014		Complete DST #3, successful test, TOH w/tool, TIH w/bit, resume drilling the BKS, Marmanton, Miss chert, shows in the Marmanton/Miss Chert warrants test, TOH w/bit, TIH w/tool, conducting Dst #4
09/05/2014		Complete DST #4, successful test, TOH w/tool, TIH w/bit, resume drilling the Kinderhook, Viola, Simpson shale, Simpson Sand
09/06/2014		resume drilling to TD @4367 0345hrs 9/6/14, geologist offsite 1815hrs 9/6/14

DRILLING WELL

Weingartner-Slicker #1-4
3744' FSL & 134' FWL
Sec 4-T26S-R13W

1948 KB

Formation	Log	Sub-Sea	TVD	Sub-Sea
Heebner	3538	-1590	3525	-1577
Douglas	3581	-1633	3568	-1620
Brown Lime	3690	-1742	3677	-1729
Lansing	3723	-1775	3710	-1762
Base KC	4022	-2074	4009	-2061
Marmanton	4058	-2110	4045	-2097
Conglomerate	4092	-2144	4079	-2131
Miss Chert	4134	-2186	4121	-2173
Kiderhook	4171	-2223	4158	-2210
Viola	4175	-2227	4162	-2214
Simpson Shale	4252	-2304	4239	-2291
Simpson Sand	4262	-2314	4249	-2301
Arbuckle	4291	-2343	4278	-2330
Total Depth	4367	-2419	4354	-2406



Survey Sheet

Company:	American Warrior	Job Number:	OK 14109	Calculation Method:	Minimum Curvature
Well:	Weingartner 1-4	Mag Decl.:	4.94	Proposed Azimuth	43.58
Location:	Pratt KS	Dir Driller:	Scott Boren	Depth Reference	RKB
Rig:	Duke 1	MWD Eng:	Adam Pareja	Tie Into:	MWD
Leg:	Straight	MWD Eng:	Eric Denton		

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (ft/100')	Build Rate (d/100')	
							N/S (ft)	E/W (ft)	Distance (ft)	Direction Azimuth			
Tie In	0	0.00	0.00	0	0	0.00	0	0	0	0	0	0	
1	475	0.40	59.80	475	475.00	1.59	0.83	N	1.43	E	1.60	59.80	0.08
2	506	1.10	55.60	31	505.99	1.99	1.06	N	1.77	E	2.06	59.19	2.26
3	538	2.10	49.50	32	537.98	2.87	1.61	N	2.47	E	2.95	56.90	3.17
4	570	3.40	45.10	32	569.94	4.40	2.66	N	3.59	E	4.47	53.44	4.11
5	602	4.30	47.30	32	601.87	6.55	4.14	N	5.14	E	6.61	51.13	2.85
6	634	4.80	45.30	32	633.77	9.08	5.90	N	6.98	E	9.14	49.78	1.64
7	665	5.50	45.40	31	664.64	11.86	7.86	N	8.96	E	11.91	48.75	2.26
8	697	6.10	45.50	32	696.48	15.10	10.12	N	11.26	E	15.14	48.04	1.88
9	728	6.20	42.20	31	727.30	18.42	12.52	N	13.56	E	18.46	47.29	1.18
10	760	6.40	36.10	32	759.11	21.91	15.24	N	15.77	E	21.93	45.98	2.18
11	855	6.50	36.10	95	853.51	32.49	23.86	N	22.06	E	32.50	42.75	0.11
12	950	6.70	34.90	95	947.88	43.30	32.75	N	28.40	E	43.35	40.93	0.21
13	1044	6.70	34.90	95	1041.24	54.40	44.50	N	34.06	E	54.30	40.93	0.21

* Recovery from multiple tests



DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City, KS 67846
 ATTN: Logan Walker

Weingartner-Slicker #1-4
 4-26s-31w Pratt, KS
 Job Ticket: 57755
 Test Start: 2014.09.04 @ 20:44:02

GENERAL INFORMATION:

Formation: **Marmaton/Mississippi**
 Deviated: Yes Whipstock: ft (KB)
 Time Tool Opened: 22:31:32
 Time Test Ended: 04:27:02

Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74

Interval: **4076.00 ft (KB) To 4166.00 ft (KB) (TVD)**
 Total Depth: 4166.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

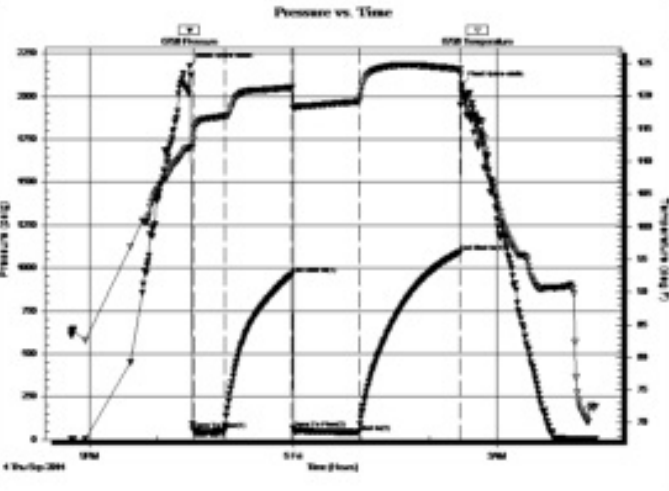
Reference Elevations: 1948.00 ft (KB)
 1936.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6798 Inside

Press@RunDepth: 44.79 psig @ ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.09.04 End Date: 2014.09.05 Last Calib.: 2014.09.05
 Start Time: 20:44:03 End Time: 04:27:02 Time On Btm: 2014.09.04 @ 22:28:47
 Time Off Btm: 2014.09.05 @ 02:28:32

TEST COMMENT:

F: Strong Blow, BOB in 1 minute
 St 3" Blow Back
 FF: Strong Blow, BOB immediate, GTS in 3 minutes, Caught Sample, TSTM
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2177.10	112.15	Initial Hydro-static
3	58.59	113.35	Open To Flow (1)
31	51.54	116.93	Shut-In(1)
90	963.21	121.26	End Shut-In(1)
92	61.59	118.10	Open To Flow (2)
149	44.79	119.12	Shut-In(2)
239	1092.00	124.08	End Shut-In(2)
240	2065.93	120.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
62.00	GCM 1%G 99%M	0.87

Gas Rates

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

ROCK TYPES

Cht	Dolprim	shale, grn	shale, red
Cht vari	Lmst fw<7	shale, gry	Ss
Congl	Lmst fw7>	Carbon Sh	Cannot Int

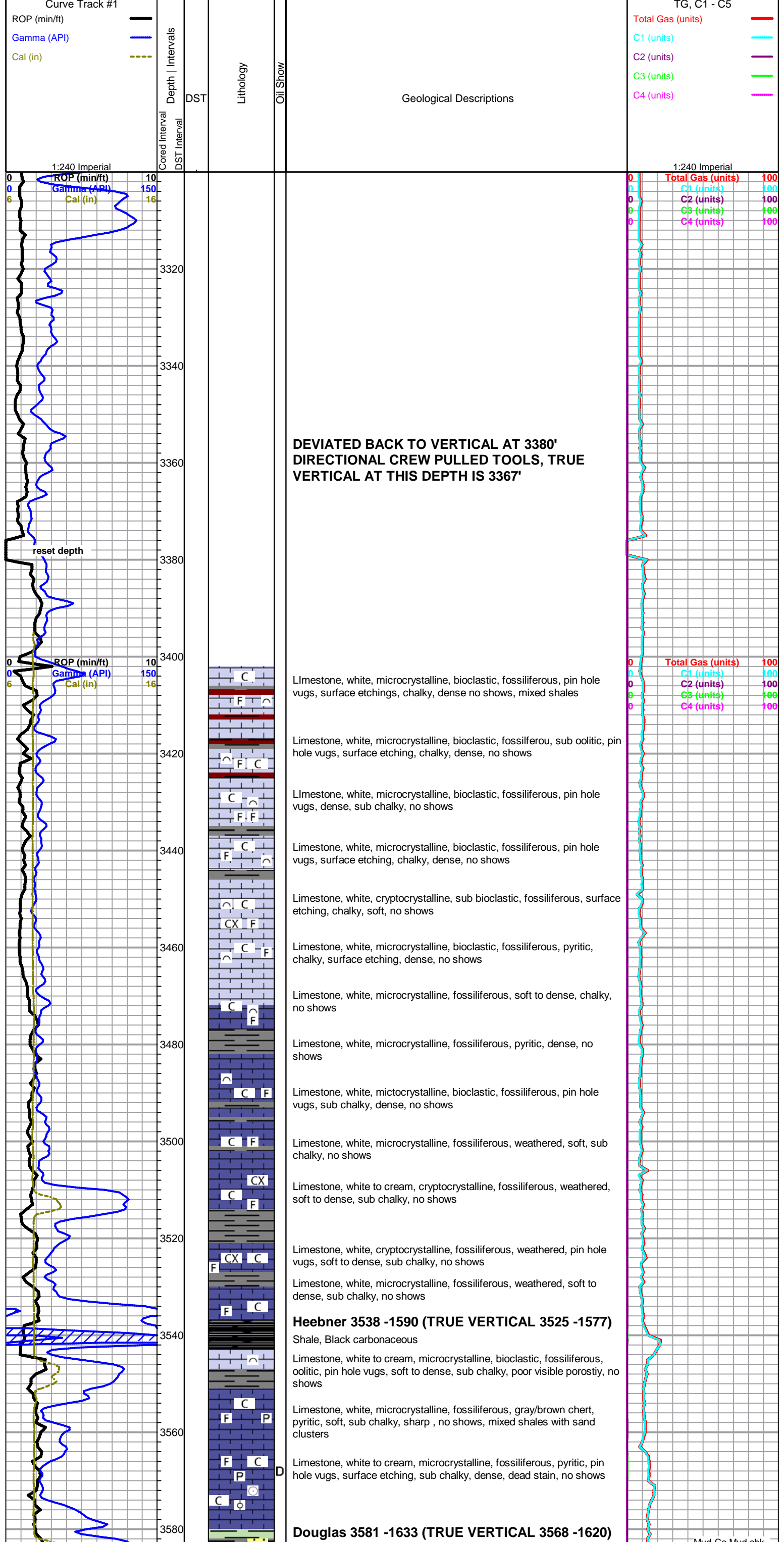
ACCESSORIES

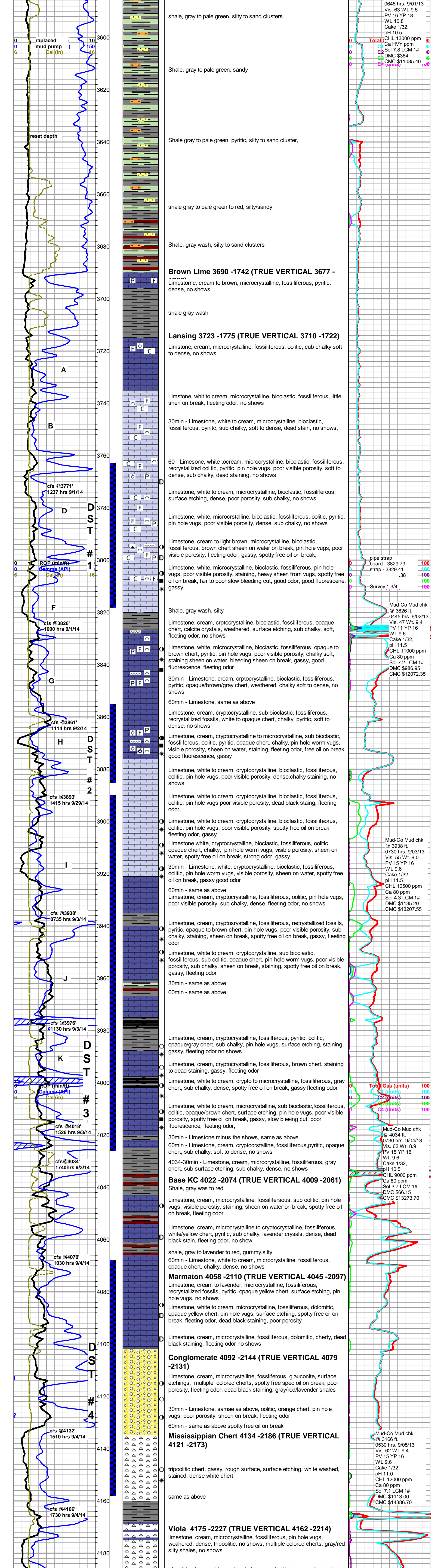
MINERAL Chert, dark Dolomitic Pyrite Chert White	FOSSIL Bioclastic or Fragmental Crinoids Fossils < 20% Oolite Oomoldic	STRINGER Chert Sandstone Siltstone	TEXTURE Chalky Cryptocrystalline
---	--	--	---

OTHER SYMBOLS

Oil Show Good Show Fair Show Poor Show Spotted or Trace Questionable Stn Dead Oil Stn Fluorescence Gas	DST DST Int DST alt Core tail pipe
---	---

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)





shale, gray to pale green, silty to sand clusters

0645 hrs. 9/01/13
Vis. 63 Wt. 9.5
PV 16 YP 18
WL 10.8
Cake 1/32,
pH 10.5
Total CHL 13000 ppm
C1 Ca HVY ppm
C2 Sol 7.8 LCM 1#
C3 DMC \$364
C4 (units) CMC \$11085.40

Shale, gray to pale green, sandy

Shale gray to pale green, pyritic, silty to sand cluster,

shale gray to pale green to red, silty/sandy

Shale, gray wash, silty to sand clusters

Brown Lime 3690 -1742 (TRUE VERTICAL 3677 - 1742)
Limestone, cream to brown, microcrystalline, fossiliferous, pyritic, dense, no shows

shale gray wash

Lansing 3723 -1775 (TRUE VERTICAL 3710 -1722)
Limestone, cream, microcrystalline, fossiliferous, oolitic, cub chalky soft to dense, no shows

Limestone, whit to cream, microcrystalline, bioclastic, fossiliferous, little shen on break, fleeting odor. no shows

30min - Limestone, white to cream, microcrystalline, bioclastic, fossiliferous, pyritic, sub chalky, soft to dense, dead stain, no shows,

60 - Limesone, white tocream, microcrystalline, bioclastic, fossiliferous, recrystallized oolitic, pyritic, pin hole vugs, poor visible porosity, soft to dense, sub chalky, dead staining, no shows

Limestone, white to cream, microcrystalline, bioclastic, fossiliferous, surface etching, dense, poor porosity, sub chalky, no shows

Limestone, white, microcrystalline, bioclastic, fossiliferous, oolitic, pyritic, pin hole vugs, poor visible porosity, dense, sub chalky, no shows

Limestone, cream to light brown, microcrystalline, bioclastic, fossiliferous, brown chert sheen on water on break, pin hole vugs, poor visible porosity, fleeting odor, gassy, spotty free oil on break,

Limestone, white, microcrystalline, bioclastic, fossiliferous, pin hole vugs, poor visible porosity, staining, heavy sheen from vugs, spotty free oil on break, fair to poor slow bleeding cut, good odor, good fluorescense, gassy

Shale, gray wash, silty

Limestone, cream, crptocrystalline, bioclastic, fossiliferous, opaque chert, calcite crystals, weathered, surface etching, sub chalky, soft, fleeting odor, no shows

Limestone, white, microcrystalline, bioclastic, fossiliferous, opaque to brown chert, pyritic, pin hole vugs, poor visible porosity, chalky soft, staining sheen on water, bleeding sheen on break, gassy, good fluorescence, fleeting odor

30min - Limestone, cream, crptocrystalline, bioclastic, fossiliferous, pyritic, opaque/brown/gray chert, weathered, chalky soft to dense, no shows

60min - Limestone, same as above

Limestone, cream, cryptocrystalline, sub bioclastic, fossiliferous, recrystallized fossils, white to opaque chert, chalky, pyritic, soft to dense, no shows

Limestone, cream, cryptocrystalline to microcrystalline, sub bioclastic, fossiliferous, oolitic, pyritic, opaque chert, chalky, pin hole worm vugs, visible porosity, sheen on water, staining, fleeting odor, free oil on break, good fluorescence, gassy

Limestone, white to cream, cryptocrystalline, bioclastic, fossiliferous, oolitic, pin hole vugs, poor visible porosity, dense, chalky staining, no shows

Limestone, white to cream, cryptocrystalline, bioclastic, fossiliferous, oolitic, pin hole vugs poor visible porosity, dead black staing, fleering odor,

Limestone, white to cream, cryptocrystalline, bioclastic, fossilifeorous, oolitic, pin hole vugs, poor visible porosity, spotty free oil on break fleeting odor, gassy

Limestone white, cryptocrystalline, bioclastic, fossiliferous, oolitic, opaque chert, chalky, pin hole worm vugs, visible porosity, sheen on water, spotty free oil on break, strong odor, gassy

30min - Limestone, white, cryptocrystalline, bioclastic, fossiliferous, oolitic, pin hole worm vugs, visible porosity, sheen on water, spotty free oil on break, gassy good odor

60min - same as above

Limestone, cream, cryptocrystalline, fossiliferous, oolitic, pin hole vugs, poor visible porosity, sub chalky, dense, fleeting odor, no shows

Limestone, cream, crytosrystalline, fossiliferous, recrystallized fossils, pyritic, opaque to brown chert, pin hole vugs, poor visible porosity, sub chalky, staining, sheen on break, spotty free oil on break, gassy, fleeting odor

Limestone, white to cream, cryptocrystalline, sub bioclastic, fossiliferous, sub oolitic, opaque chert, pin hole worm vugs, poor visible porosity, sub chalky, sheen on break, staining, spotty free oil on break, gassy, fleeting odor

30min - same as above

60min - same as above

Limestone, cream, cryptocrystalline, fossiliferous, pyritic, oolitic, opaque/gray chert, sub chalky, pin hole vugs, surface etching, staining, gassy, fleeting odor no shows

Limestone, cream, cryptocrystalline, fossiliferous, brown chert, staining to dead staining, gassy, fleeting odor

Limestone, white to cream, crypto to microcrystalline, fossiliferous, gray chert, sub chalky, dense, spotty free oil on break, gassy fleeting odor

Limestone, white to cream, microcrystalline, sub bioclastic, fossiliferous, oolitic, opaque/brown chert, surface etching, pin hole vugs, poor visible porosity, spotty free oil on break, gassy, slow bleeding cut, poor fluorescence, fleeting odor,

30min - Limestone minus the shows, same as above

60min - Limestone, cream, cryptocrystalline, fossiliferous, pyritic, opaque chert, sub chalky, soft to dense, no shows

4034-30min - Limestone, cream, microcrystalline, fossiliferous, gray chert, sub surface etching, sub chalky, dense, no shows

Base KC 4022 -2074 (TRUE VERTICAL 4009 -2061)
Shale, gray was to red

Limestone, cream, microcrystalline, fossiliferous, sub oolitic, pin hole vugs, visible porosity, staining, sheen on water on break, spotty free oil on break, fleeting odor

Limestone, cream, microcrystalline to cryptocrystalline, fossiliferous, white/yellow chert, pyritic, sub chalky, lavender crysals, dense, dead black stain, fleeting odor, no show

shale, gray to lavender to red, gummy, silty

60min - Limestone, white to cream, microcrystalline, fossiliferous, opaque chert, chalky, dense, no shows

Marmaton 4058 -2110 (TRUE VERTICAL 4045 -2097)
Limestone, cream to lavender, microcrystalline, fossiliferous, recrystallized fossils, pyritic, opaque yellow chert, surface etching, pin hole vugs, no shows

Limestone, white to cream, microcrystalline, fossiliferous, dolomitic, opaque yellow chert, pin hole vugs, surface etching, spotty free oil on break, fleeting odor, dead black staining, poor porosity

Limestone, cream, microcrystalline, fossiliferous, dolomitic, cherty, dead black staining, fleeting odor no shows

Conglomerate 4092 -2144 (TRUE VERTICAL 4079 -2131)
Limestone, cream, microcrystalline, fossiliferous, glauconite, surface etchings, multiple colored cherts, spotty free spec oil on break, poor porosity, fleeting odor, dead black staining, gray/red/lavender shales

30min - Limestone, same as above, oolitic, orange chert, pin hole vugs, poor porosity, sheen on break, fleeting odor

60min - same as above spotty free oil on break

Mississippian Chert 4134 -2186 (TRUE VERTICAL 4121 -2173)
tripoolitic chert, gassy, rough surface, surface etching, white washed, stained, dense white chert

same as above

Viola 4175 -2227 (TRUE VERTICAL 4162 -2214)
limestone, cream, microcrystalline, fossiliferous, pin hole vugs, weahered, dense, tripoolitic. no shows, multiple colored cherts, gray/red silty shales, no shows

pipe strap board - 3829.79
strap - 3829.41
Survey 1 3/4

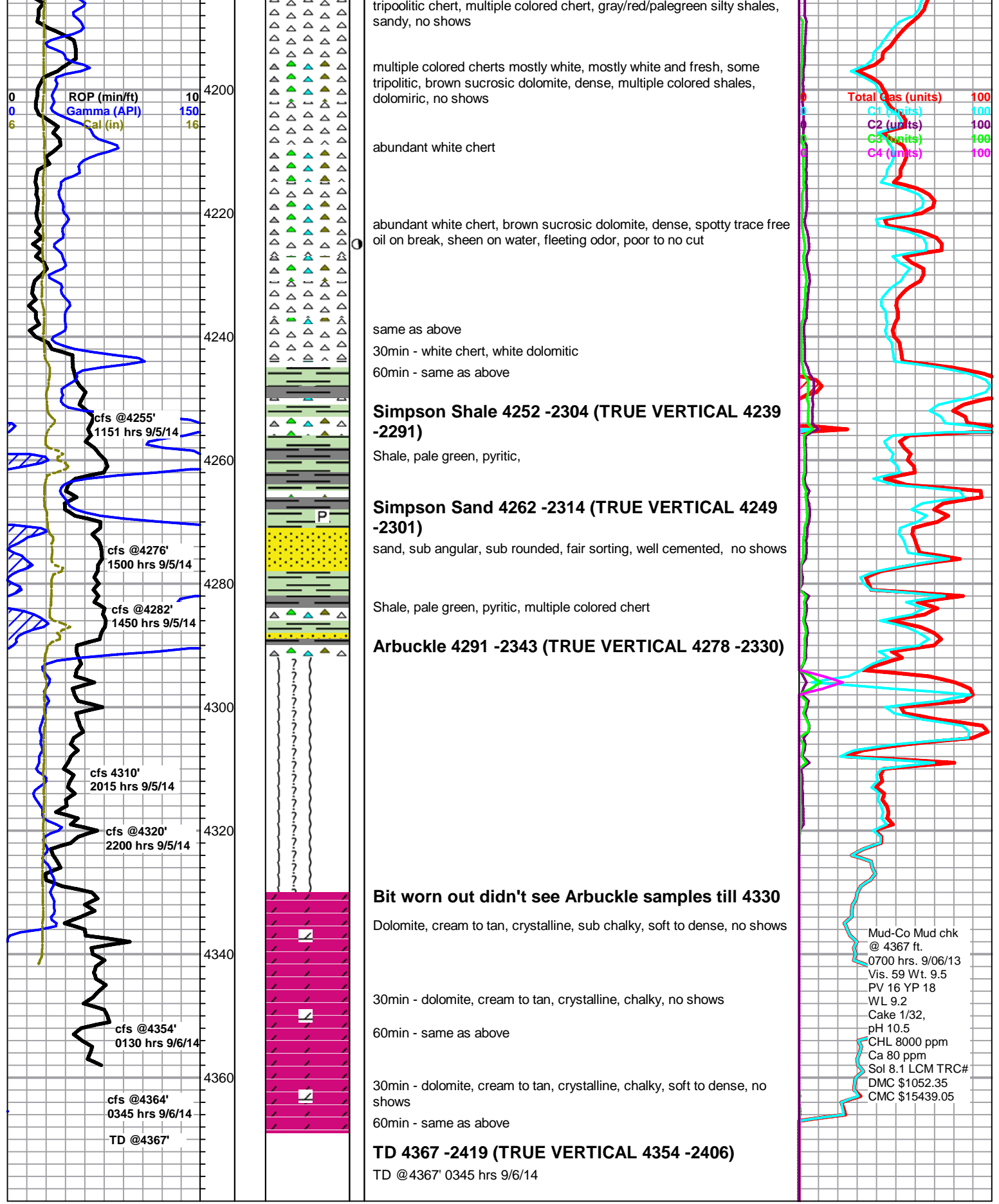
Mud-Co Mud chk @ 3826 ft.
0445 hrs. 9/02/13
Vis. 47 Wt. 9.4
PV 11 YP 16
WL 9.6
Cake 1/32,
pH 11.5
CHL 11000 ppm
Ca 80 ppm
Sol 7.2 LCM 1#
DMC \$986.95
CMC \$12072.35

Mud-Co Mud chk @ 3938 ft.
0730 hrs. 9/03/13
Vis. 55 Wt. 9.0
PV 15 YP 16
WL 9.6
Cake 1/32,
pH 11.5
CHL 10500 ppm
Ca 80 ppm
Sol 4.3 LCM 1#
DMC \$1135.20
CMC \$13207.55

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
C3 (units) 100
C4 (units) 100

Mud-Co Mud chk @ 4034 ft.
0730 hrs. 9/04/13
Vis. 62 Wt. 8.9
PV 15 YP 16
WL 9.6
Cake 1/32,
pH 10.5
CHL 9000 ppm
Ca 80 ppm
Sol 3.7 LCM 1#
DMC \$66.15
CMC \$13273.70

Mud-Co Mud chk @ 3166 ft.
0530 hrs. 9/05/13
Vis. 62 Wt. 9.4
PV 15 YP 16
WL 9.6
Cake 1/32,
pH 11.0
CHL 12000 ppm
Ca 80 ppm
Sol 7.1 LCM 1#
DMC \$1113.00
CMC \$14386.70



ALLIED OIL & GAS SERVICES, LLC 063515

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Gratland

DATE <u>8-26-14</u>	SEC. <u>4</u>	TWP. <u>76</u>	RANGE <u>13</u>	CALLED OUT	ON LOCATION <u>3262</u>	JOB START <u>7 AM</u>	JOB FINISH <u>8 AM</u>
LEASE <u>Wright - Slicker</u>	WELL # <u>1-4</u>	LOCATION <u>North Tulsa to 11021</u>			COUNTY <u>Gratland</u>	STATE <u>OK</u>	
OLD OR NEW (Circle one)		<u>West 3/4 North</u>					

CONTRACTOR Dolce 1 OWNER _____

TYPE OF JOB Surface
 HOLE SIZE 14 3/4 T.D. _____
 CASING SIZE 10 3/4 DEPTH 399.60 FT
 TUBING SIZE Leading Joint 8" DEPTH 17 FT
 DRILL PIPE DEPTH _____
 TOOL DEPTH _____
 PRES. MAX MINIMUM _____
 MEAS. LINE SHOE JOINT _____
 CEMENT LEFT IN CSG. 20 FT
 PERFS. _____
 DISPLACEMENT 37.23 bbl fresh water

CEMENT AMOUNT ORDERED 350 SK class A 5 1/2" 2-1/2 gel

EQUIPMENT

PUMP TRUCK CEMENTER Joseph Isaac
 # 366 HELPER Ben Small
 BULK TRUCK
 # 871-112 DRIVER Zeb Schueller
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>350</u>	@ <u>17.90</u>	<u>6,265.00</u>
POZMIX		@	
GEL	<u>658</u>	@ <u>1.50</u>	<u>987.00</u>
CHLORIDE	<u>987</u>	@ <u>1.10</u>	<u>1085.70</u>
ASC		@	
<u>Material Total</u>			<u>7,679.70</u>
	<u>Disc</u>	@ <u>20%</u>	<u>1,535.94</u>
<u>Handling</u>			<u>378.97</u>
		@ <u>2.48</u>	<u>938.61</u>
<u>Mileage</u>			<u>17.27 X 25 X 2.75</u>
		@	<u>1,187.31</u>

REMARKS:

On location - dig up - bad safety meeting
Run 10 3/4 casing - break circulation
Pump 5 bbl H2O
mix 350 SK class A 5 1/2" 2-1/2 gel
Displace 37.23 bbl H2O
Shut in 7:30 AM
Cemented & free flow
Dig down

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1512.35</u>		
EXTRA FOOTAGE		@	
MILEAGE	<u>Hum 25</u>	@ <u>7.70</u>	<u>192.50</u>
MANIFOLD		@	
	<u>Hum 25</u>	@ <u>4.40</u>	<u>110.00</u>

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

TOTAL 3,940.67
Disc 20% 788.13

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.

PRINTED NAME Mike Godfrey
 SIGNATURE Mike Godfrey
Mike Godfrey

SALES TAX (If Any) _____
 TOTAL CHARGES 11,620.37
20% 2,324.08 (20/20%)
 DISCOUNT _____ IF PAID IN 30 DAYS
9,296.30



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

TICKET 26790

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays, KS</u> 2. <u>Ness City, KS</u> 3. 4.	WELL/PROJECT NO. <u>1-4</u>	LEASE <u>Unit Wingershaes-Slicker</u>	COUNTY/PARISH <u>Pratt</u>	STATE <u>KS</u>	CITY	DATE <u>9-7-14</u>	OWNER
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke Doby Co</u>	RIG NAME/NO. <u>#1</u>	SHIPPED VIA <u>CR</u>	DELIVERED TO <u>N Pratt, KS</u>	ORDER NO.	
	WELL TYPE <u>oil/gas</u>	WELL CATEGORY <u>wildcat</u>	JOB PURPOSE <u>Cement Longstrings</u>	WELL PERMIT NO.	WELL LOCATION		
REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110	120	mi			600	720.00
578		1			Pump Charge- cmt Longstring	1	ea	4363	ft	1500.00	1500.00
221		1			Liquid RCL	2	gal			25.00	50.00
281		1			Mixed Flush	500	gal			1.25	625.00
290		1			D-Air	2	gal			4200	8400
402		1			Centralizers	9	ea	5 1/2	in	7000	63000
403		1			Cement Basket	1	ea	5 1/2	in	30000	30000
406		1			Latch-Down Plug & Baffle	1	ea	5 1/2	in	27500	27500
407		1			Insert Float Shoe w/ Auto-fell	1	ea	5 1/2	in	37500	37500

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 Kevin Doby
 DATE SIGNED 9-7-14 TIME SIGNED 0130 A.M. P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P.1 PAGE TOTAL	4559.00
WE UNDERSTOOD AND MET YOUR NEEDS?				P.2	4957.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	9516.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Pratt TAX 7.9%	462.15
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9978.65
<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 Hara Lemmon APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. **210790** PAGE **2** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL			STICKER UNIT			UNIT PRICE	AMOUNT
		LOC	ACCT			DF	QTY.	U/M	QTY.	U/M			
325		2			Standard Cement F4-2	175	SKS	1640	lb.			14.50	2537.50
276		2			Fluore	44	lbs					2.50	110.00
283		2			Salt	875	lbs					20	175.00
284		2			Calseal	823	lbs		9	SKS		35.00	315.00
285		2			CFR-1	83	lbs					4.50	373.50
581		2			Service Charge								
583		2			MILEAGE CHARGE	8275	lb					2.00	350.00
					TON MILES							1.00	1096.50
					CUBIC FEET				175	SKS			
					LOADED MILES								
CONTINUATION TOTAL													4957.50

CONTINUATION TOTAL

JOB LOG

SWIFT Services, Inc.

DATE 9-7-14 PAGE NO. 1

CUSTOMER American Warrick, Inc WELL NO. 1-4 LEASE Slicker Weingartner Unit Cement Longstring JOB TYPE TICKET NO. 210790

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100					15.5 #	5 1/2	DN 100- Float equip - Ris L D - RH Take off 80P
	0300							start 5 1/2 - 15.5 #/ft casing to 4363' Insert Float Shoe w/ Ann-fill ST - 38' = 4325 (103 881) Cent 1-3-5-7-9-11-13-17 Crt Basket #7 Pinned
	0500							Drop fill up ball 3 sts out Fin casing - Tag - Log down it
	0530							start cir casing
	0630							Fin cir Plug RH - 30 SKS out MET 20 SKS out
		5					300	Pump 500 gal Mud Pump
		5					300	Pump 20 1381 KCL Pump
		4					250	Mix 125 SKS IEH-2 - cont
							100	Fin cont Washout Pump & Lines
		9					400	Drop L. D. Plug Start Displ
		7					600	Slow rate
		5 1/2					700	Slow rate
		5 1/2	102				880	Last cir press
	0730		103				1500	Plug Down - Hold - Release & Hold

Maule
Ben, Jon & Jared

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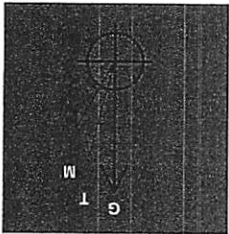
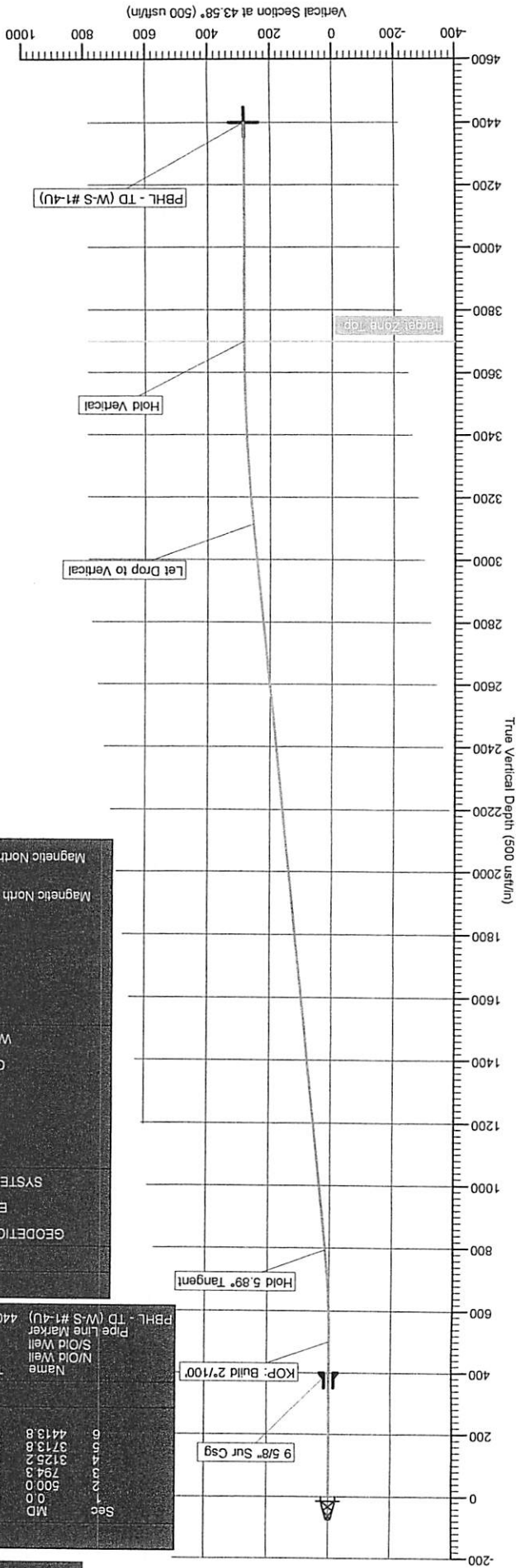
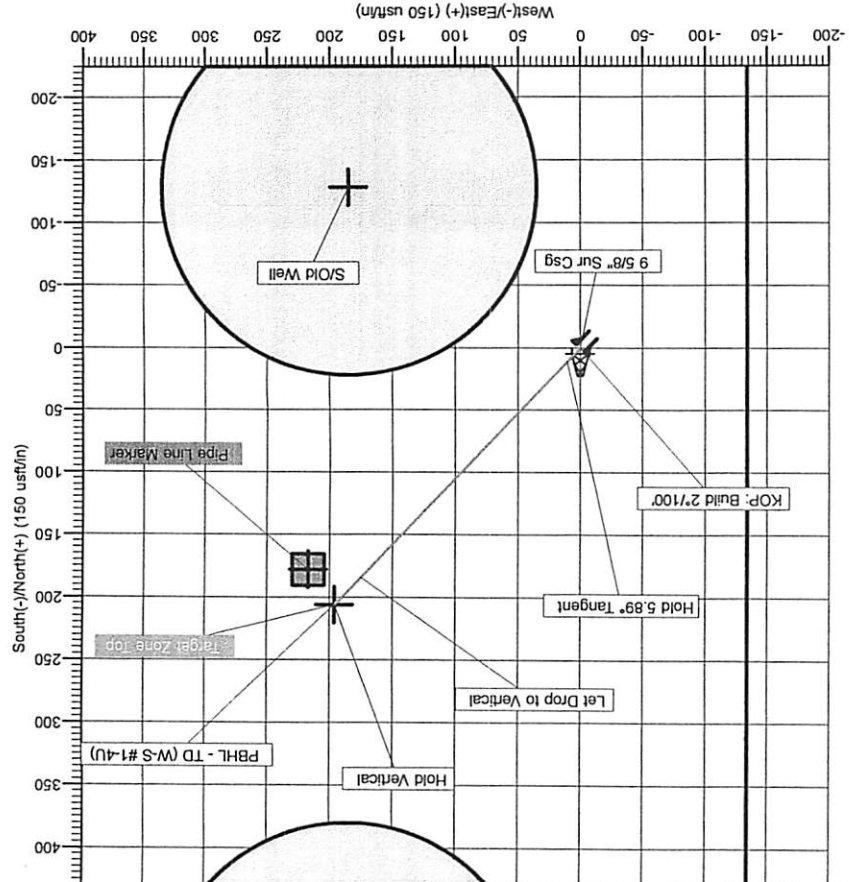
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Operator: American Warrior, Inc.
 Location: Pratt Co, Kansas (NAD-27)
 Well Name: Weingartner-Slicker #1-4 Unit
 Calmena Job# 140XX

PLAN SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	North	East	Latitude
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.45
2	0.0	0.0	0.0	500.0	185.0	419372.00	1925898.00	37.45	23.509 W
3	0.0	0.0	0.0	500.0	185.0	419372.00	1925898.00	37.45	23.509 W
4	794.3	5.89	43.58	753.8	10.9	175.2	104.4	37.48	58.828 N
5	3125.2	5.89	43.58	3112.4	184.1	175.2	104.4	37.48	58.828 N
6	4413.8	0.00	0.00	3700.0	206.0	196.0	1.00	37.48	2.131 N
PBHL - TD (W-S #1-4U)									
				4400.0	206.0	196.0	1.00	37.48	2.131 N
Pipe Line Marker									
				178.0	217.0	419020.00	1925930.00	37.45	23.098 W
S/Old Well									
				128.0	185.0	418714.00	1925898.00	37.48	58.828 N
N/Old Well									
				530.0	185.0	419372.00	1925898.00	37.45	23.509 W
TVD									
				0.0	0.0	0.0	0.0	0.0	0.0
+N-S									
				0.0	0.0	0.0	0.0	0.0	0.0
+E-W									
				0.0	0.0	0.0	0.0	0.0	0.0
North									
				500.0	185.0	419372.00	1925898.00	37.45	23.509 W
East									
				0.0	0.0	0.0	0.0	0.0	0.0
Latitude									
				0.0	0.0	0.0	0.0	0.0	0.0
Longitude									
				0.0	0.0	0.0	0.0	0.0	0.0
Shape									
				150.0	150.0	150.0	150.0	98.45	23.487 W
Circle (Radius: 150.0)									
				150.0	150.0	150.0	150.0	98.45	23.098 W
Rectangle (Sides: 125.0 W25.0)									
				150.0	150.0	150.0	150.0	98.45	23.361 W
Point									

WELLBORE: Wellbore #1
 PLAN: Design #2
 GEODETIC SYSTEM: US State Plane 1927 (Exact solution)
 DATUM: NAD 1927 (MADCON CONUS)
 ELLIPSOID: Clarke 1866
 ZONE: Kansas South 1502
 SYSTEM DATUM: Mean Sea Level
 SURFACE HOLE COORDINATES
 LATITUDE: 37.49° 0.089 N
 LONGITUDE: 98.45 25.797 W
 NORTHING (Y): 418842.00
 EASTING (X): 1925713.00
 GROUND LEVEL: 1934.0
 RIG FLOOR(KB)
 WELL @ 1944 Oust (Original Well Elev)
 MAGNETIC FIELD:
 STRENGTH: 51956
 DIP ANGLE: 65.67°
 MODEL: IGRF2010
 DATE: 05-Aug-14
 AZIMUTHS CORRECTED TO: Gnd
 MWD - USE IF ABOVE IS GRID
 Magnetic North is 4.94° East of Gnd North (Magnetic Convergence)
 MWD - USE IF ABOVE IS TRUE
 Magnetic North is 4.78° East of True North (Magnetic Declination)



Database: EDM 5000.1 Single User Db
Company: American Warrior, Inc.
Project: Pratt Co, Kansas (NAD-27)
Site: Weingartner-Slicker #1-4 Unit
Well: Weingartner-Slicker #1-4 Unit
Wellbore: Wellbore #1
Design: Design #2

Local Co-ordinate Reference: Site Weingartner-Slicker #1-4 Unit
TVD Reference: WELL @ 1944.0usft (Original Well Elev)
MD Reference: WELL @ 1944.0usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Pratt Co, Kansas (NAD-27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Kansas South 1502		

Site	Weingartner-Slicker #1-4 Unit				
Site Position:		Northing:	418,842.00 usft	Latitude:	37° 49' 0.089 N
From:	Map	Eastng:	1,925,713.00 usft	Longitude:	98° 45' 25.797 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.16 °

Well	Weingartner-Slicker #1-4 Unit					
Well Position	+N/-S	0.0 usft	Northing:	418,842.00 usft	Latitude:	37° 49' 0.089 N
	+E/-W	0.0 usft	Eastng:	1,925,713.00 usft	Longitude:	98° 45' 25.797 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	1,944.0 usft	Ground Level:	1,934.0 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	8/5/2014	(°)	(°)	(nT)
			4.78	65.67	51,956

Design	Design #2				
Audit Notes:					
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	43.58	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	
794.3	5.89	43.58	793.8	10.9	10.4	2.00	2.00	0.00	43.58	
3,125.2	5.89	43.58	3,112.4	184.1	175.2	0.00	0.00	0.00	0.00	
3,713.8	0.00	0.00	3,700.0	206.0	196.0	1.00	-1.00	0.00	180.00	
4,413.8	0.00	0.00	4,400.0	206.0	196.0	0.00	0.00	0.00	0.00	PBHL - TD (W-S #1-4)

Database: EDM 5000.1 Single User Db
 Company: American Warrior, Inc.
 Project: Pratt Co, Kansas (NAD-27)
 Site: Weingartner-Slicker #1-4 Unit
 Well: Weingartner-Slicker #1-4 Unit
 Wellbore: Wellbore #1
 Design: Design #2

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site Weingartner-Slicker #1-4 Unit
 WELL @ 1944.0usft (Original Well Elev)
 WELL @ 1944.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
KOP: Build 2°/100'										
600.0	2.00	43.58	600.0	1.3	1.2	1.7	2.00	2.00	0.00	
700.0	4.00	43.58	699.8	5.1	4.8	7.0	2.00	2.00	0.00	
794.3	5.89	43.58	793.8	10.9	10.4	15.1	2.00	2.00	0.00	
Hold 5.89° Tangent										
800.0	5.89	43.58	799.5	11.4	10.8	15.7	0.00	0.00	0.00	
900.0	5.89	43.58	898.9	18.8	17.9	25.9	0.00	0.00	0.00	
1,000.0	5.89	43.58	998.4	26.2	25.0	36.2	0.00	0.00	0.00	
1,100.0	5.89	43.58	1,097.9	33.7	32.0	46.5	0.00	0.00	0.00	
1,200.0	5.89	43.58	1,197.3	41.1	39.1	56.7	0.00	0.00	0.00	
1,300.0	5.89	43.58	1,296.8	48.5	46.2	67.0	0.00	0.00	0.00	
1,400.0	5.89	43.58	1,396.3	55.9	53.2	77.2	0.00	0.00	0.00	
1,500.0	5.89	43.58	1,495.8	63.4	60.3	87.5	0.00	0.00	0.00	
1,600.0	5.89	43.58	1,595.2	70.8	67.4	97.7	0.00	0.00	0.00	
1,700.0	5.89	43.58	1,694.7	78.2	74.4	108.0	0.00	0.00	0.00	
1,800.0	5.89	43.58	1,794.2	85.7	81.5	118.2	0.00	0.00	0.00	
1,900.0	5.89	43.58	1,893.7	93.1	88.6	128.5	0.00	0.00	0.00	
2,000.0	5.89	43.58	1,993.1	100.5	95.6	138.7	0.00	0.00	0.00	
2,100.0	5.89	43.58	2,092.6	107.9	102.7	149.0	0.00	0.00	0.00	
2,200.0	5.89	43.58	2,192.1	115.4	109.8	159.3	0.00	0.00	0.00	
2,300.0	5.89	43.58	2,291.5	122.8	116.8	169.5	0.00	0.00	0.00	
2,400.0	5.89	43.58	2,391.0	130.2	123.9	179.8	0.00	0.00	0.00	
2,500.0	5.89	43.58	2,490.5	137.7	131.0	190.0	0.00	0.00	0.00	
2,600.0	5.89	43.58	2,590.0	145.1	138.1	200.3	0.00	0.00	0.00	
2,700.0	5.89	43.58	2,689.4	152.5	145.1	210.5	0.00	0.00	0.00	
2,800.0	5.89	43.58	2,788.9	160.0	152.2	220.8	0.00	0.00	0.00	
2,900.0	5.89	43.58	2,888.4	167.4	159.3	231.0	0.00	0.00	0.00	
3,000.0	5.89	43.58	2,987.9	174.8	166.3	241.3	0.00	0.00	0.00	
3,100.0	5.89	43.58	3,087.3	182.2	173.4	251.5	0.00	0.00	0.00	
3,125.2	5.89	43.58	3,112.4	184.1	175.2	254.1	0.00	0.00	0.00	
Let Drop to Vertical										
3,200.0	5.14	43.58	3,186.8	189.3	180.1	261.3	1.00	-1.00	0.00	
3,300.0	4.14	43.58	3,286.5	195.2	185.7	269.4	1.00	-1.00	0.00	
3,400.0	3.14	43.58	3,386.3	199.8	190.1	275.8	1.00	-1.00	0.00	
3,500.0	2.14	43.58	3,486.2	203.1	193.2	280.4	1.00	-1.00	0.00	
3,600.0	1.14	43.58	3,586.2	205.2	195.2	283.2	1.00	-1.00	0.00	
3,700.0	0.14	43.58	3,686.2	206.0	196.0	284.3	1.00	-1.00	0.00	
3,713.8	0.00	0.00	3,700.0	206.0	196.0	284.3	1.00	-1.00	-314.83	
Hold Vertical - Target Zone Top										
3,800.0	0.00	0.00	3,786.2	206.0	196.0	284.3	0.00	0.00	0.00	
3,900.0	0.00	0.00	3,886.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,000.0	0.00	0.00	3,986.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,100.0	0.00	0.00	4,086.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,200.0	0.00	0.00	4,186.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,300.0	0.00	0.00	4,286.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,400.0	0.00	0.00	4,386.2	206.0	196.0	284.3	0.00	0.00	0.00	
4,413.8	0.00	0.00	4,400.0	206.0	196.0	284.3	0.00	0.00	0.00	

Database: EDM 5000.1 Single User Db
 Company: American Warrior, Inc.
 Project: Pratt Co, Kansas (NAD-27)
 Site: Weingartner-Slicker #1-4 Unit
 Well: Weingartner-Slicker #1-4 Unit
 Wellbore: Wellbore #1
 Design: Design #2

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Site Weingartner-Slicker #1-4 Unit
 WELL @ 1944.0usft (Original Well Elev)
 WELL @ 1944.0usft (Original Well Elev)
 Grid
 Minimum Curvature

Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Eastng	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
PBHL - TD (W-S #1-4U)	0.00	0.00	4,400.0	206.0	196.0	419,048.00	1,925,909.00	37° 49' 2.131 N	98° 45' 23.361 W
- plan hits target center									
- Point									

Casing Points						
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter		
(usft)	(usft)		(")	(")		
400.0	400.0	9 5/8" Sur Csg	9-5/8	12-1/4		

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(usft)	(usft)			(°)	(°)	
3,713.8	3,700.0	Target Zone Top		0.00		

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(usft)	(usft)	+N/-S	+E/-W		
		(usft)	(usft)		
500.0	500.0	0.0	0.0	KOP: Build 2°/100°	
794.3	793.8	10.9	10.4	Hold 5.89° Tangent	
3,125.2	3,112.4	184.1	175.2	Let Drop to Vertical	
3,713.8	3,700.0	206.0	196.0	Hold Vertical	