



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1229175
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: _____



1229175

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: 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	Jean 1-2
Doc ID	1229175

All Electric Logs Run

Dual IND
Dual Comp. Porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Jean 1-2
Doc ID	1229175

Tops

Name	Top	Datum
Heebner	2695	-911
Toronto	2718	-934
Douglas	2733	-949
Lansing	2848	-1064
BKC	3166	-1382
Congl.	3221	-1437
Simpson	3260	-1476
Arbuckle	3287	-1503



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.26 @ 05:07:00

End Date: 2014.08.26 @ 09:22:00

Job Ticket #: 60429 DST #: 1

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

Printed: 2014.08.29 @ 15:21:14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

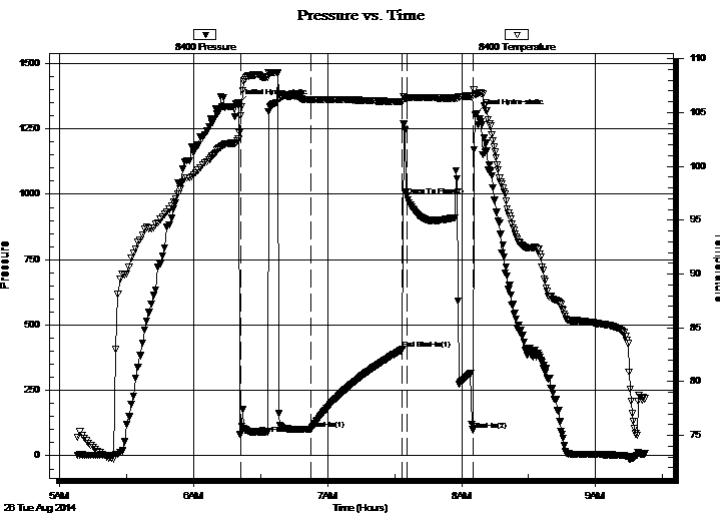
2-18s-8w Rice, KS
Jean #1-2
 Job Ticket: 60429 **DST#: 1**
 Test Start: 2014.08.26 @ 05:07:00

GENERAL INFORMATION:

Formation: **Lansing A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:21:00
 Time Test Ended: 09:22:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 100.98 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 05:08:00 End Time: 09:22:00 Time On Btm: 2014.08.26 @ 06:20:00
 Time Off Btm: 2014.08.26 @ 08:06:30

TEST COMMENT: IFP-30 Minutes-Strong blow tool chased 30 feet to bottom had to add another joint of pipe
 ISI-30 Minutes-No blow back
 FFP-30 Minutes-No blow flushed tool no surge pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1347.88	102.52	Initial Hydro-static
1	83.45	104.72	Open To Flow (1)
33	100.98	106.17	Shut-In(1)
74	407.23	106.00	End Shut-In(1)
76	993.23	106.35	Open To Flow (2)
105	99.14	106.55	Shut-In(2)
107	1307.07	106.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud	2.10

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

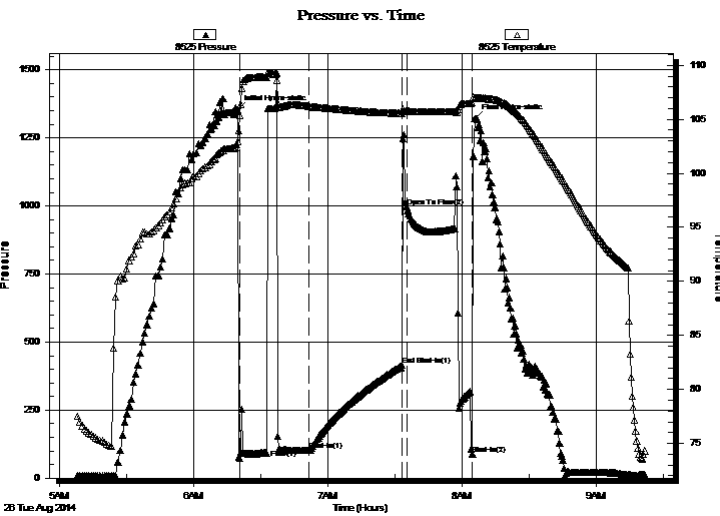
2-18s-8w Rice, KS
Jean #1-2
 Job Ticket: 60429 **DST#: 1**
 Test Start: 2014.08.26 @ 05:07:00

GENERAL INFORMATION:

Formation: **Lansing A-B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:21:00
 Time Test Ended: 09:22:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8525 Outside
 Press@RunDepth: 413.99 psig @ ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 05:08:00 End Time: 09:21:30 Time On Btm: 2014.08.26 @ 06:19:30
 Time Off Btm: 2014.08.26 @ 08:05:30

TEST COMMENT: IFP-30 Minutes-Strong blow tool chased 30 feet to bottom had to add another joint of pipe
 ISI-30 Minutes-No blow back
 FFP-30 Minutes-No blow flushed tool no surge pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1355.00	102.97	Initial Hydro-static
1	73.87	105.39	Open To Flow (1)
32	103.03	106.19	Shut-In(1)
74	413.99	105.55	End Shut-In(1)
76	997.65	105.74	Open To Flow (2)
105	87.37	106.54	Shut-In(2)
106	1322.01	106.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud	2.10

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: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60429 **DST#: 1**
Test Start: 2014.08.26 @ 05:07:00

Tool Information

Drill Pipe:	Length: 2844.00 ft	Diameter: 3.80 inches	Volume: 39.89 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	120000.0 lb
			<u>Total Volume: 39.89 bbl</u>	Tool Chased	30.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	2833.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: On location 11:30pm 8-25-2014 was told be on bank 12:15pm /Tool chased 30 feet to bottom /had to add another joint of pipe/
Flushed tool 2nd open no blow back pulled tool/ruined top packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2818.00	
Hydraulic tool	5.00			2823.00	
Packer	5.00			2828.00	20.00 Bottom Of Top Packer
Packer	5.00			2833.00	
Recorder	1.00	8400	Inside	2834.00	
Recorder	1.00	8525	Outside	2835.00	
Anchor	34.00			2869.00	
Bullnose	3.00			2872.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60429 **DST#: 1**
Test Start: 2014.08.26 @ 05:07:00

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:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud	2.104

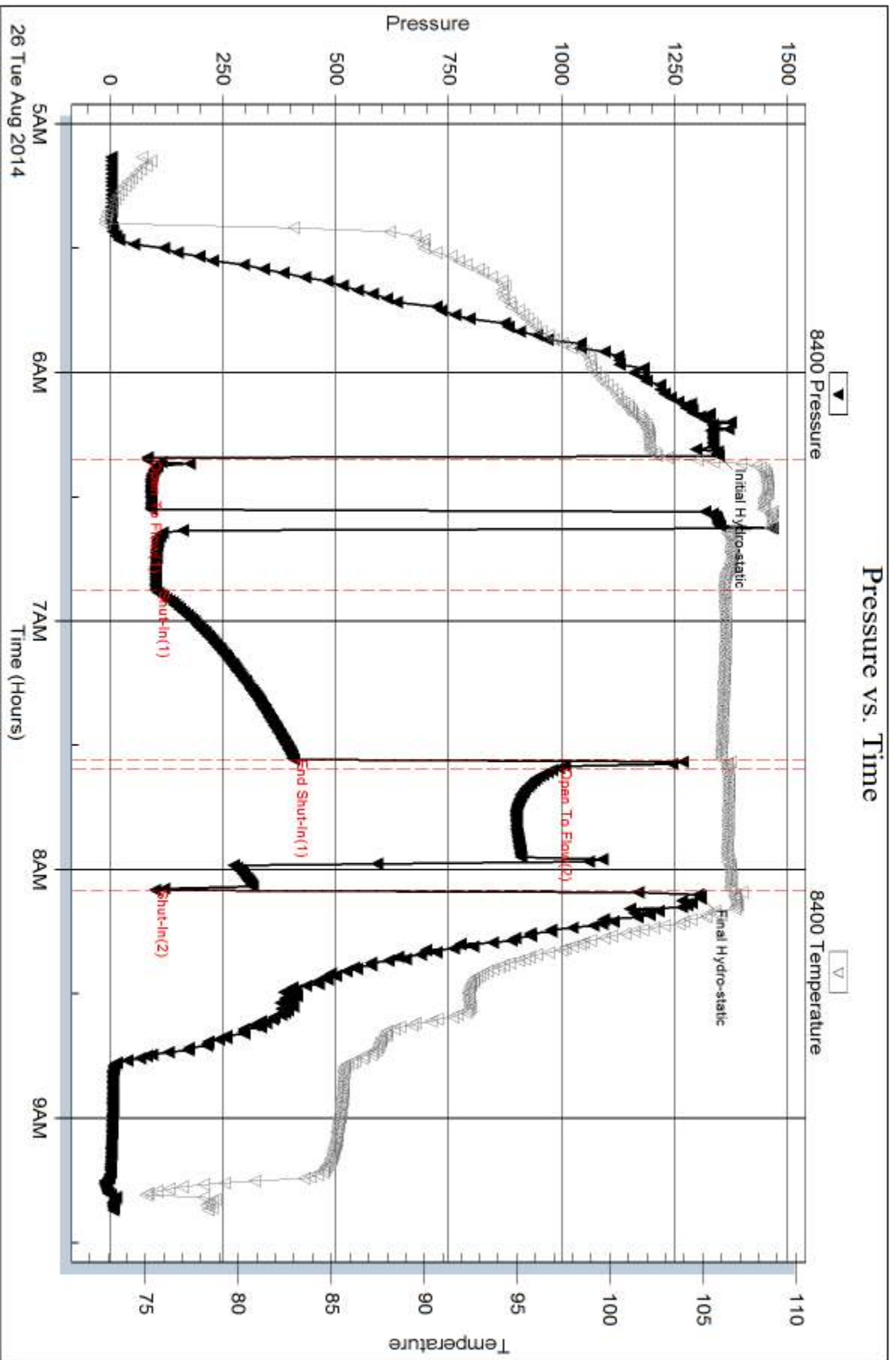
Total Length: 150.00 ft Total Volume: 2.104 bbl

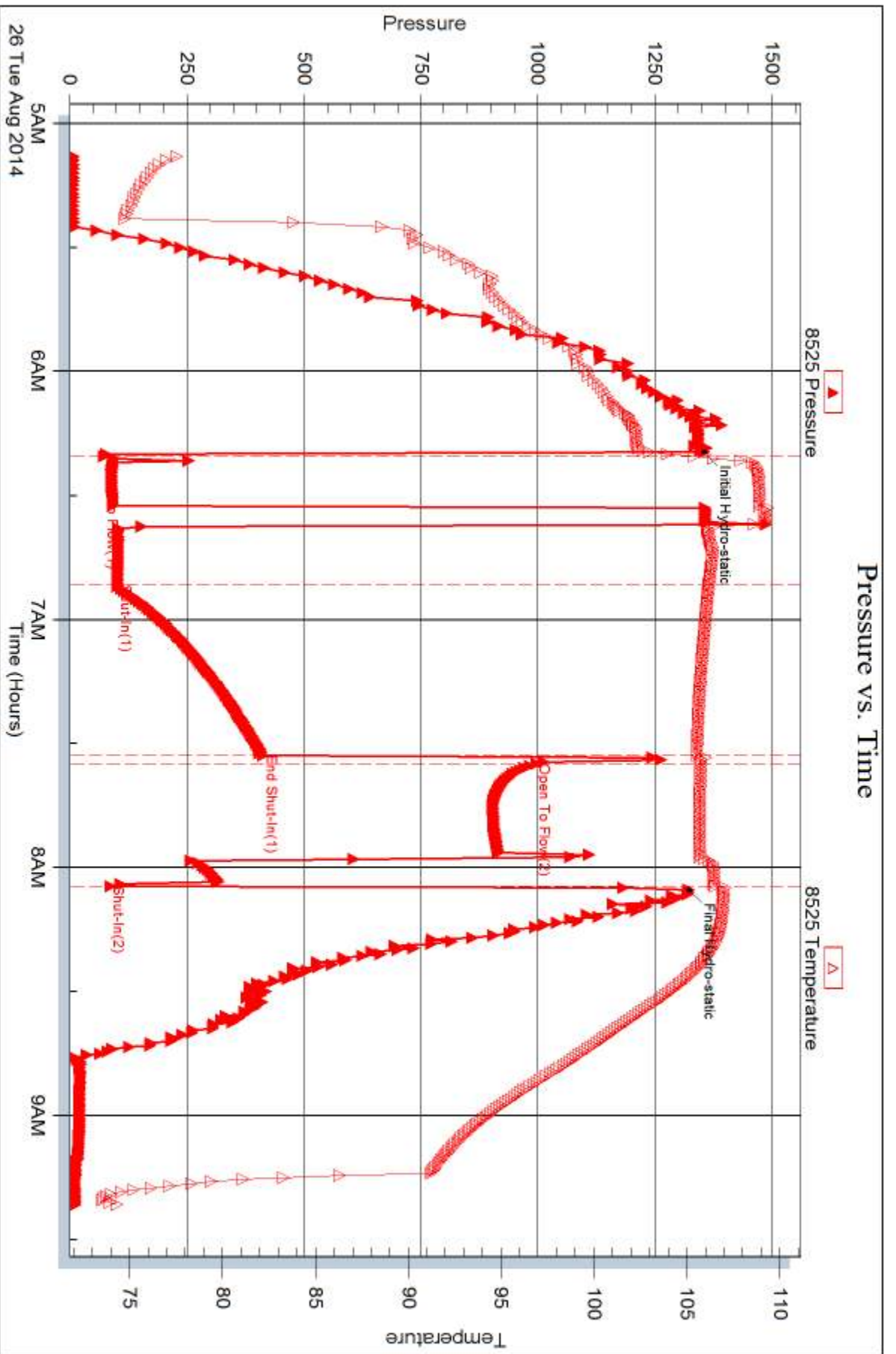
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: On location 11:30pm 8-25-2014/Tool chased 30 feet to bottom had to add another joint of pipe/flushed tool 2nd open no blow pulled tool

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.26 @ 16:30:00

End Date: 2014.08.26 @ 21:23:00

Job Ticket #: 60430 DST #: 2

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

Printed: 2014.08.29 @ 15:18:19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60430

DST#: 2

Test Start: 2014.08.26 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A -B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:33:30
 Time Test Ended: 21:23:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

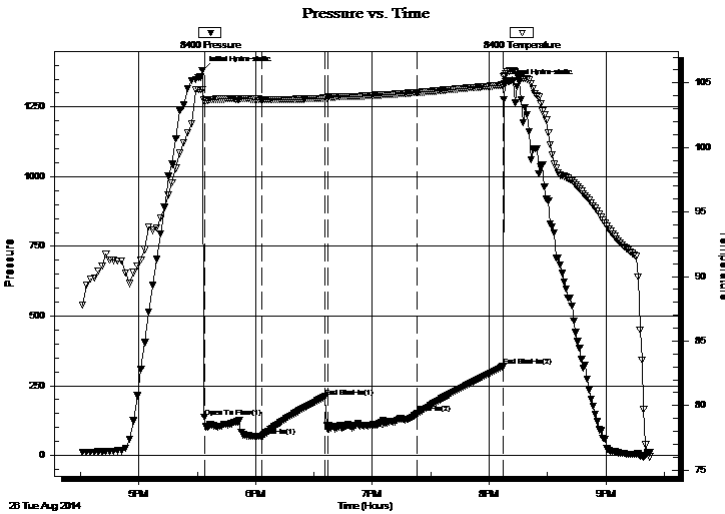
Serial #: 8400

Inside

Press@RunDepth: 149.71 psig @ 2834.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 16:31:00 End Time: 21:23:00 Time On Btm: 2014.08.26 @ 17:32:30
 Time Off Btm: 2014.08.26 @ 20:08:00

TEST COMMENT: IFP 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 ISIP 30 Minutes-No blow back
 FFP 45 Minutes -Fair blow built bottom of bucket in 25 minutes
 FSIP 45 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1381.28	104.49	Initial Hydro-static
1	135.78	103.66	Open To Flow (1)
31	68.58	103.73	Shut-In(1)
63	210.34	103.81	End Shut-In(1)
65	94.80	103.92	Open To Flow (2)
111	149.71	104.26	Shut-In(2)
155	318.77	104.84	End Shut-In(2)
156	1332.40	105.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud	1.12

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

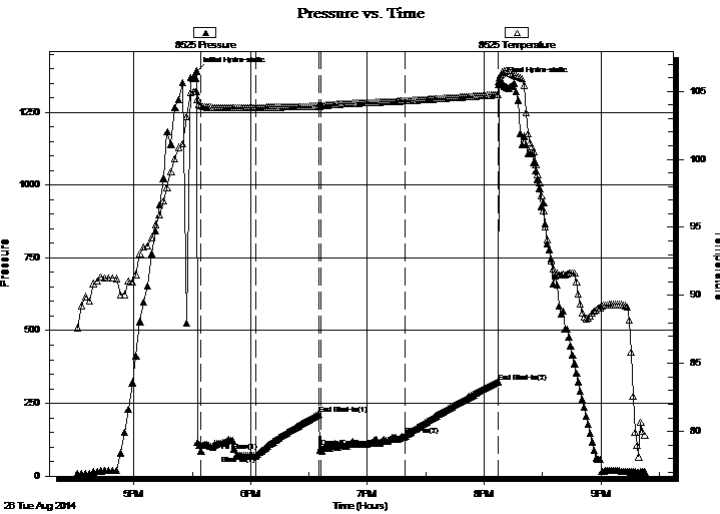
2-18s-8w Rice,KS
Jean #1-2
 Job Ticket: 60430 **DST#: 2**
 Test Start: 2014.08.26 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC A -B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:33:30
 Time Test Ended: 21:23:00
 Interval: **2833.00 ft (KB) To 2872.00 ft (KB) (TVD)**
 Total Depth: 2872.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8525 Outside
 Press@RunDepth: 324.11 psig @ 2835.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.26 End Date: 2014.08.26 Last Calib.: 2014.08.26
 Start Time: 16:31:00 End Time: 21:22:30 Time On Btm: 2014.08.26 @ 17:32:00
 Time Off Btm: 2014.08.26 @ 20:08:00

TEST COMMENT: IFP 30 Minutes-Strong blow built bottom of bucket in 5 minutes
 ISIP 30 Minutes-No blow back
 FFP 45 Minutes -Fair blow built bottom of bucket in 25 minutes
 FSIP 45 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1391.07	104.99	Initial Hydro-static
3	85.25	103.94	Open To Flow (1)
31	70.40	103.81	Shut-In(1)
63	212.97	103.92	End Shut-In(1)
64	100.23	103.95	Open To Flow (2)
108	138.95	104.31	Shut-In(2)
155	324.11	104.77	End Shut-In(2)
156	1353.94	106.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	mud	1.12

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: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60430 **DST#: 2**
Test Start: 2014.08.26 @ 16:30:00

Tool Information

Drill Pipe:	Length: 2844.00 ft	Diameter: 3.80 inches	Volume: 39.89 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 39.89 bbl</u>	Tool Chased	15.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	2833.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	59.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Tool chased 15 feet to bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			2818.00	
Hydraulic tool	5.00			2823.00	
Packer	5.00			2828.00	20.00 Bottom Of Top Packer
Packer	5.00			2833.00	
Recorder	1.00	8400	Inside	2834.00	
Recorder	1.00	8525	Outside	2835.00	
Anchor	34.00			2869.00	
Bullnose	3.00			2872.00	39.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60430 **DST#: 2**
Test Start: 2014.08.26 @ 16:30:00

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:	ppm
Viscosity: 41.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

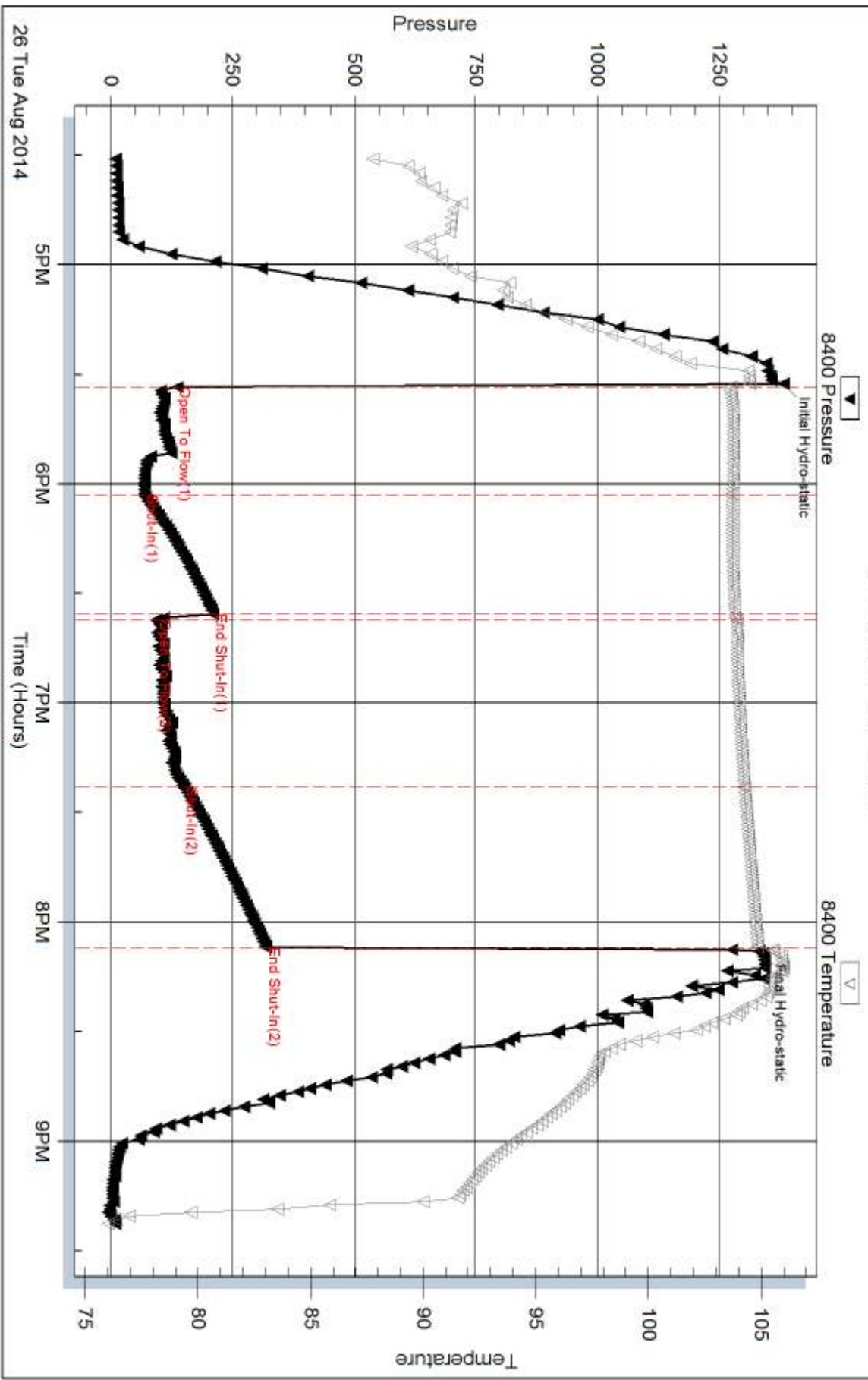
Recovery Information

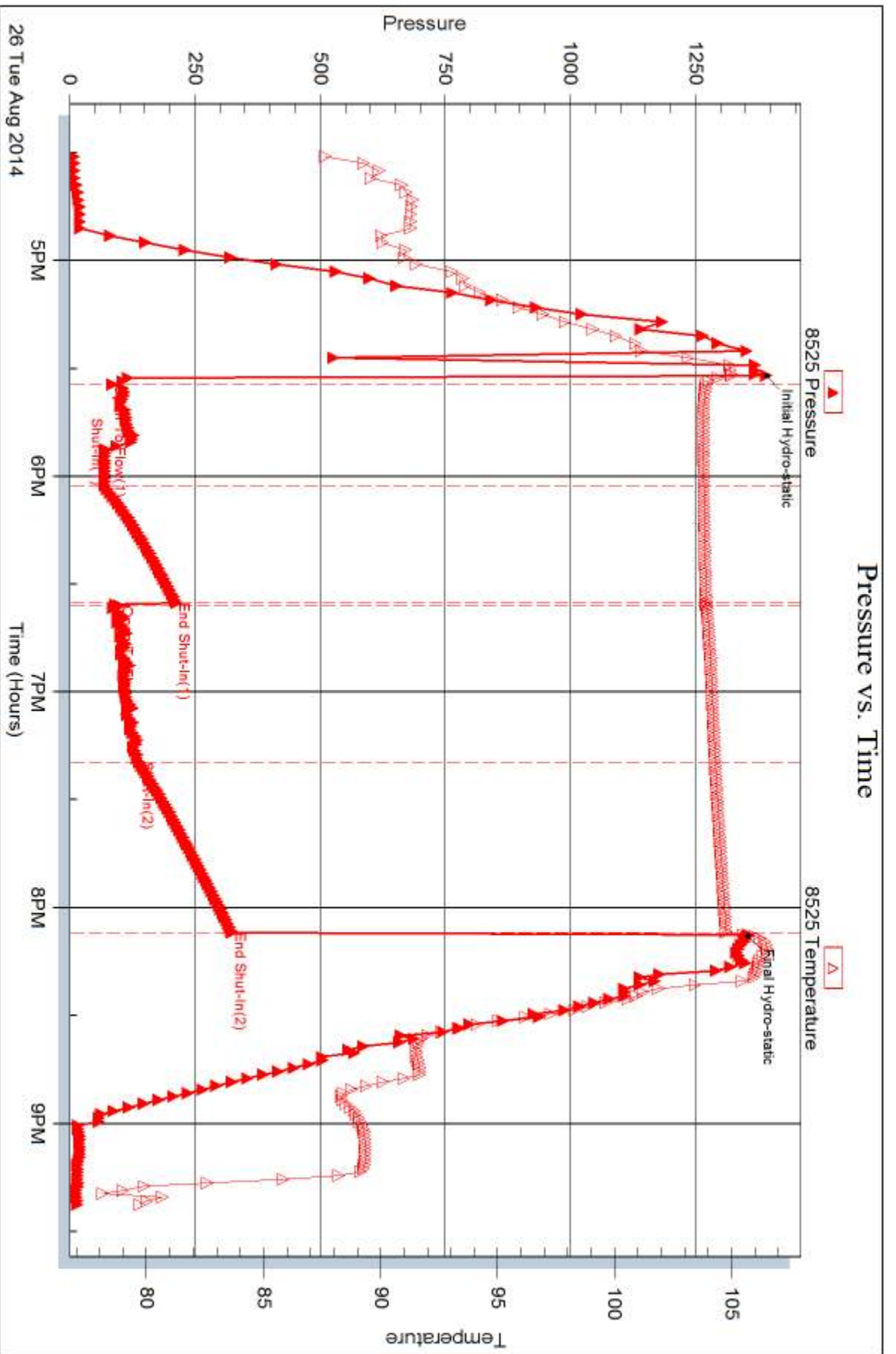
Recovery Table

Length ft	Description	Volume bbl
80.00	mud	1.122

Total Length: 80.00 ft Total Volume: 1.122 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Tool chased 15 feet to bottom

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.28 @ 01:05:00

End Date: 2014.08.28 @ 07:16:00

Job Ticket #: 60431 DST #: 3

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

Printed: 2014.08.29 @ 15:17:01



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

2-18s-8w Rice, KS

Jean #1-2

Job Ticket: 60431

DST#: 3

Test Start: 2014.08.28 @ 01:05:00

GENERAL INFORMATION:

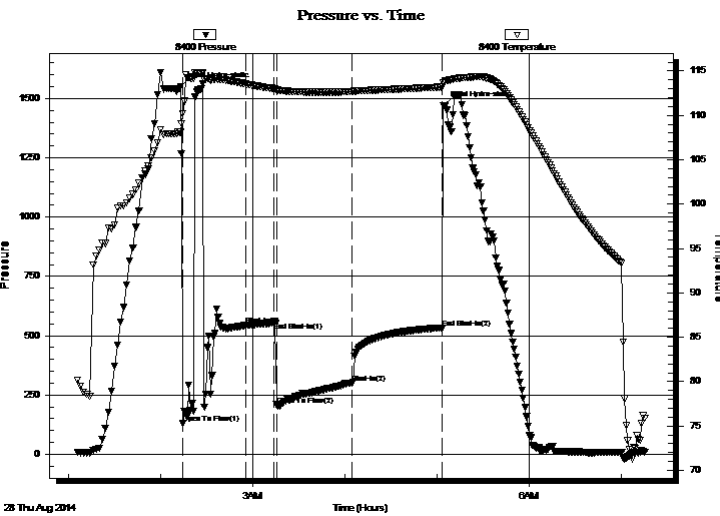
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:14:30
 Time Test Ended: 07:16:00
 Interval: **3151.00 ft (KB) To 3245.00 ft (KB) (TVD)**
 Total Depth: 3245.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400

Inside

Press@RunDepth: 300.99 psig @ 3241.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 01:06:00 End Time: 07:16:00 Time On Btm: 2014.08.28 @ 02:13:00
 Time Off Btm: 2014.08.28 @ 05:04:30

TEST COMMENT: IFP-30 Minutes-Tool chased 42 feet to bottom Blow died off
 ISIP-20 Minutes-No Blow Back
 FFP-45 Minutes-No blow Flushed tool blow built bottom of bucket in 16 minutes
 FSIP-60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1551.31	108.11	Initial Hydro-static
2	128.78	110.18	Open To Flow (1)
43	542.79	113.53	Shut-In(1)
61	558.98	113.03	End Shut-In(1)
63	207.19	112.83	Open To Flow (2)
112	300.99	112.67	Shut-In(2)
171	530.28	113.20	End Shut-In(2)
172	1470.95	113.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.68
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.37
300.00	GO cut Mud 5%g 10%O 85%M	4.21

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

2-18s-8w Rice,KS

Jean #1-2

Job Ticket: 60431

DST#: 3

Test Start: 2014.08.28 @ 01:05:00

GENERAL INFORMATION:

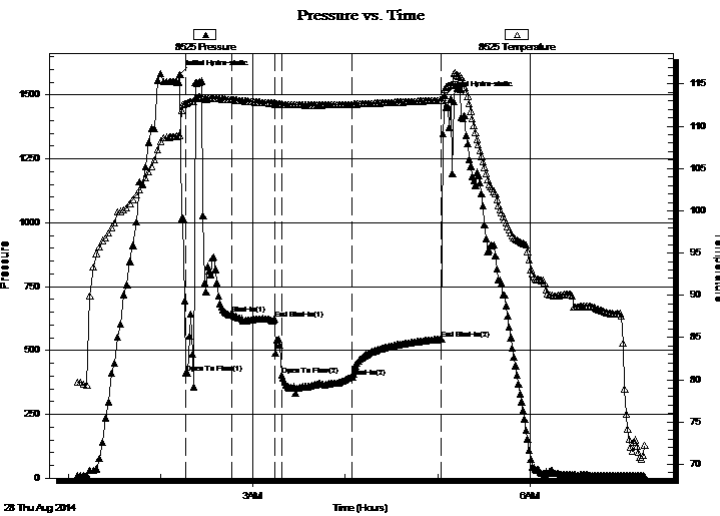
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:14:30
 Time Test Ended: 07:16:00
 Interval: **3151.00 ft (KB) To 3245.00 ft (KB) (TVD)**
 Total Depth: 3245.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8525

Outside

Press@RunDepth: 544.91 psig @ 3242.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 01:06:00 End Time: 07:15:00 Time On Btm: 2014.08.28 @ 02:12:30
 Time Off Btm: 2014.08.28 @ 05:04:30

TEST COMMENT: IFP-30 Minutes-Tool chased 42 feet to bottom Blow died off
 ISIP-20 Minutes-No Blow Back
 FFP-45 Minutes-No blow Flushed tool blow built bottom of bucket in 16 minutes
 FSIP-60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.21	108.94	Initial Hydro-static
4	410.68	112.71	Open To Flow (1)
34	640.68	113.14	Shut-In(1)
62	623.55	112.72	End Shut-In(1)
66	404.32	112.61	Open To Flow (2)
112	395.56	112.60	Shut-In(2)
170	544.91	113.09	End Shut-In(2)
172	1496.97	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.68
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.37
300.00	GO cut Mud 5%g 10%O 85%M	4.21

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: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60431 **DST#: 3**
Test Start: 2014.08.28 @ 01:05:00

Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 44.33 bbl</u>	Tool Chased	42.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3151.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	94.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Tool chased 42 feet to bottom of hole flushed tool 2nd open

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

Shut In Tool	5.00			3136.00	
Hydraulic tool	5.00			3141.00	
Packer	5.00			3146.00	20.00 Bottom Of Top Packer
Packer	5.00			3151.00	
Change Over Sub	0.75			3151.75	
Drill Pipe	61.50			3213.25	
Change Over Sub	0.75			3214.00	
Anchor	26.00			3240.00	
Recorder	1.00	8400	Inside	3241.00	
Recorder	1.00	8525	Outside	3242.00	
Bullnose	3.00			3245.00	94.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60431 **DST#: 3**
Test Start: 2014.08.28 @ 01:05:00

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:	22000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

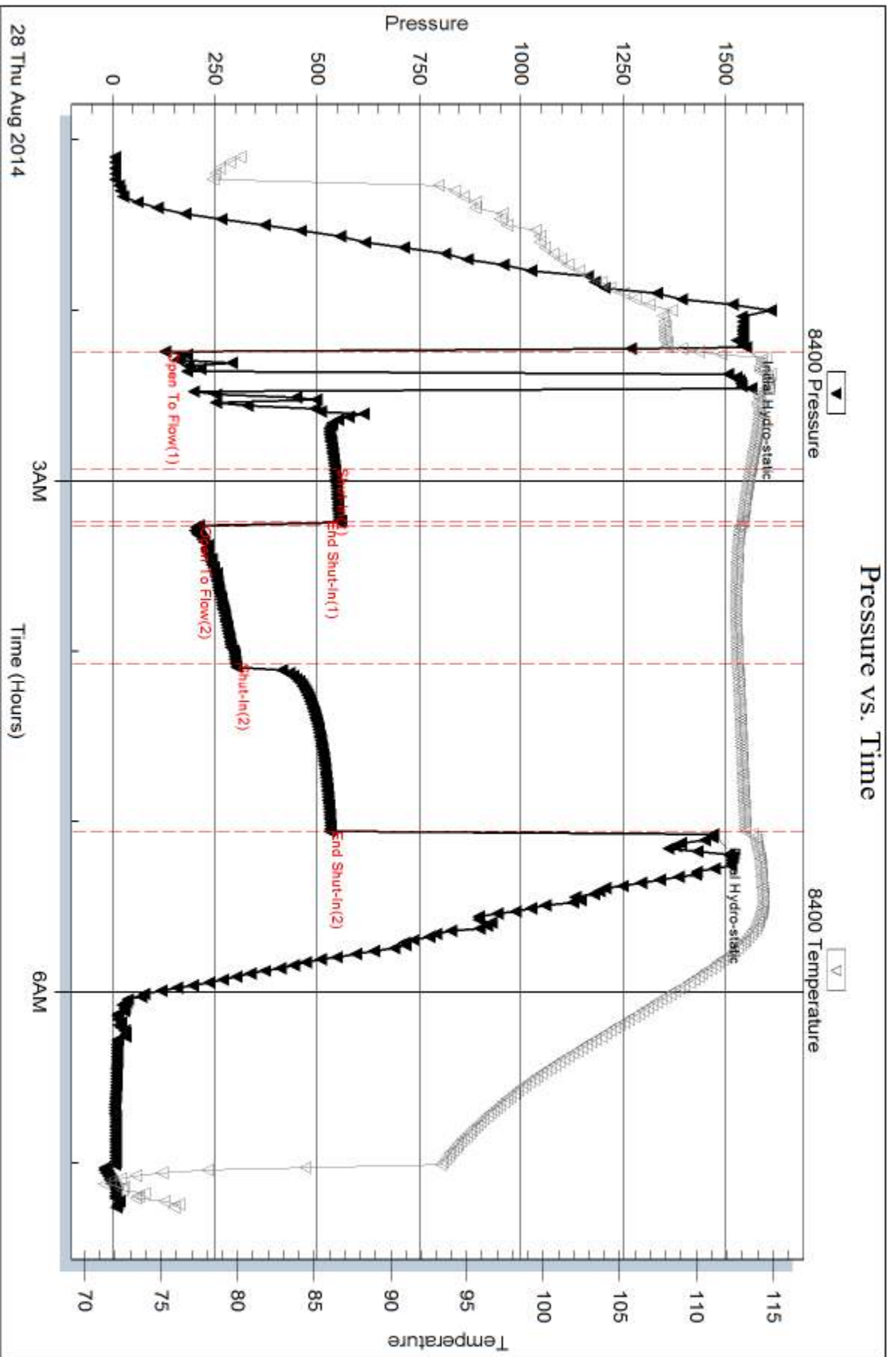
Length ft	Description	Volume bbl
120.00	OMcut W 5%oil 85%w ater 10%Mud	1.683
240.00	GO cut WM 15%G 15%o 20%w 50%m	3.367
300.00	GO cut Mud 5%g 10%O 85%M	4.208

Total Length: 660.00 ft Total Volume: 9.258 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Tool chased 42 feet to bottom flushed tool 2nd open/chlorides 22,000 resistivity .2 @68 degrees





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Wyatt Urban

Jean #1-2

2-18s-8w Rice,KS

Start Date: 2014.08.28 @ 17:15:00

End Date: 2014.08.28 @ 22:39:00

Job Ticket #: 60432 DST #: 4

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

Printed: 2014.08.29 @ 15:07:07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

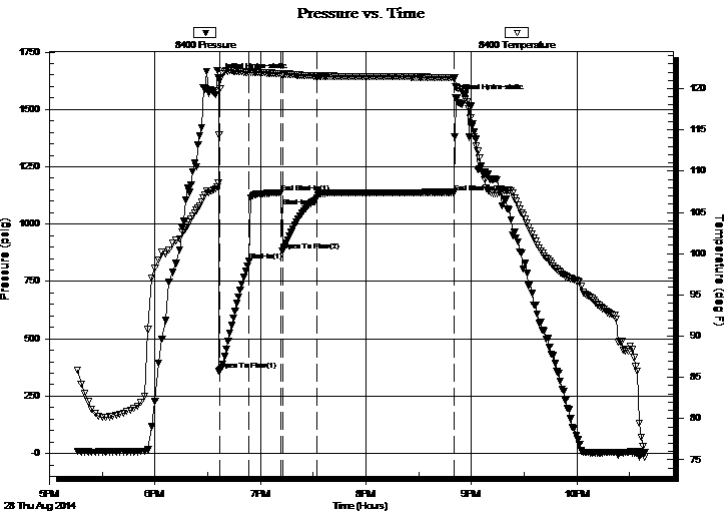
2-18s-8w Rice, KS
Jean #1-2
 Job Ticket: 60432 **DST#: 4**
 Test Start: 2014.08.28 @ 17:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:00
 Time Test Ended: 22:39:00
 Interval: **3287.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 1113.15 psig @ 3288.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 17:16:00 End Time: 22:39:00 Time On Btm: 2014.08.28 @ 18:36:00
 Time Off Btm: 2014.08.28 @ 20:51:00

TEST COMMENT: IFP 15 Minutes-Strong blow built bottom of bucket in 1 minute
 ISIP 20 Minutes-No blow back
 FFP 20 Minutes-Strong blow built bottom bucket in 1 minute
 FSIP 60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.61	108.55	Initial Hydro-static
1	362.32	119.97	Open To Flow (1)
18	840.58	121.91	Shut-In(1)
36	1136.05	121.82	End Shut-In(1)
37	884.27	121.55	Open To Flow (2)
56	1113.15	121.52	Shut-In(2)
134	1138.18	121.32	End Shut-In(2)
135	1548.72	120.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2280.00	w ater 97%w ater 3%mud	31.98
60.00	Spot oil cut w ater 1%oil 5%mud 94%w at 0.84	

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Wyatt Urban

2-18s-8w Rice, KS

Jean #1-2

Job Ticket: 60432

DST#: 4

Test Start: 2014.08.28 @ 17:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:37:00
 Time Test Ended: 22:39:00
 Interval: **3287.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jared Scheck
 Unit No: S5
 Reference Elevations: 1784.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 8.00 ft

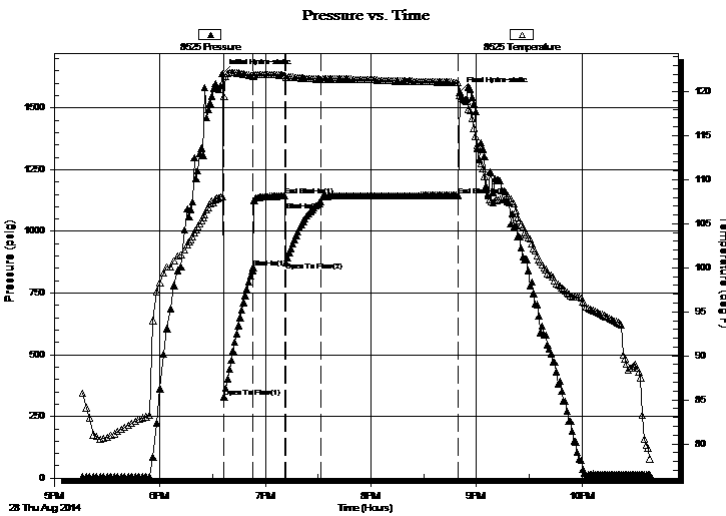
Serial #: 8525

Outside

Press@RunDepth: 1146.02 psig @ 3289.00 ft (KB) Capacity: 5000.00 psig
 Start Date: 2014.08.28 End Date: 2014.08.28 Last Calib.: 2014.08.28
 Start Time: 17:16:00 End Time: 22:38:30 Time On Btm: 2014.08.28 @ 18:35:30
 Time Off Btm: 2014.08.28 @ 20:50:30

TEST COMMENT: IFP 15 Minutes-Strong blow built bottom of bucket in 1 minute
 ISIP 20 Minutes-No blow back
 FFP 20 Minutes-Strong blow built bottom bucket in 1 minute
 FSIP 60 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.04	108.10	Initial Hydro-static
1	329.13	119.48	Open To Flow (1)
18	854.10	121.80	Shut-In(1)
36	1143.19	121.84	End Shut-In(1)
36	874.54	121.66	Open To Flow (2)
56	1119.87	121.41	Shut-In(2)
134	1146.02	121.07	End Shut-In(2)
135	1564.54	119.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2280.00	water 97% water 3% mud	31.98
60.00	Spot oil cut water 1% oil 5% mud 94% water 0.84	

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: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60432 **DST#: 4**
Test Start: 2014.08.28 @ 17:15:00

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight:	1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 46.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	44000.00 lb
Depth to Top Packer:	3287.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	8.00 ft				
Tool Length:	28.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: 60 on last shut-in rig hands were unloading pipe

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

Shut In Tool	5.00			3272.00	
Hydraulic tool	5.00			3277.00	
Packer	5.00			3282.00	20.00 Bottom Of Top Packer
Packer	5.00			3287.00	
Recorder	1.00	8400	Inside	3288.00	
Recorder	1.00	8525	Outside	3289.00	
Anchor	3.00			3292.00	
Bullnose	3.00			3295.00	8.00 Bottom Packers & Anchor

Total Tool Length: 28.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Wyatt Urban

2-18s-8w Rice,KS
Jean #1-2
Job Ticket: 60432 **DST#: 4**
Test Start: 2014.08.28 @ 17:15:00

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:	22000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in ³	Gas Cushion Type:		
Resistivity: 0.20 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2280.00	w ater 97%w ater 3%mud	31.982
60.00	Spot oil cut w ater 1%oil 5%mud 94%w ater	0.842

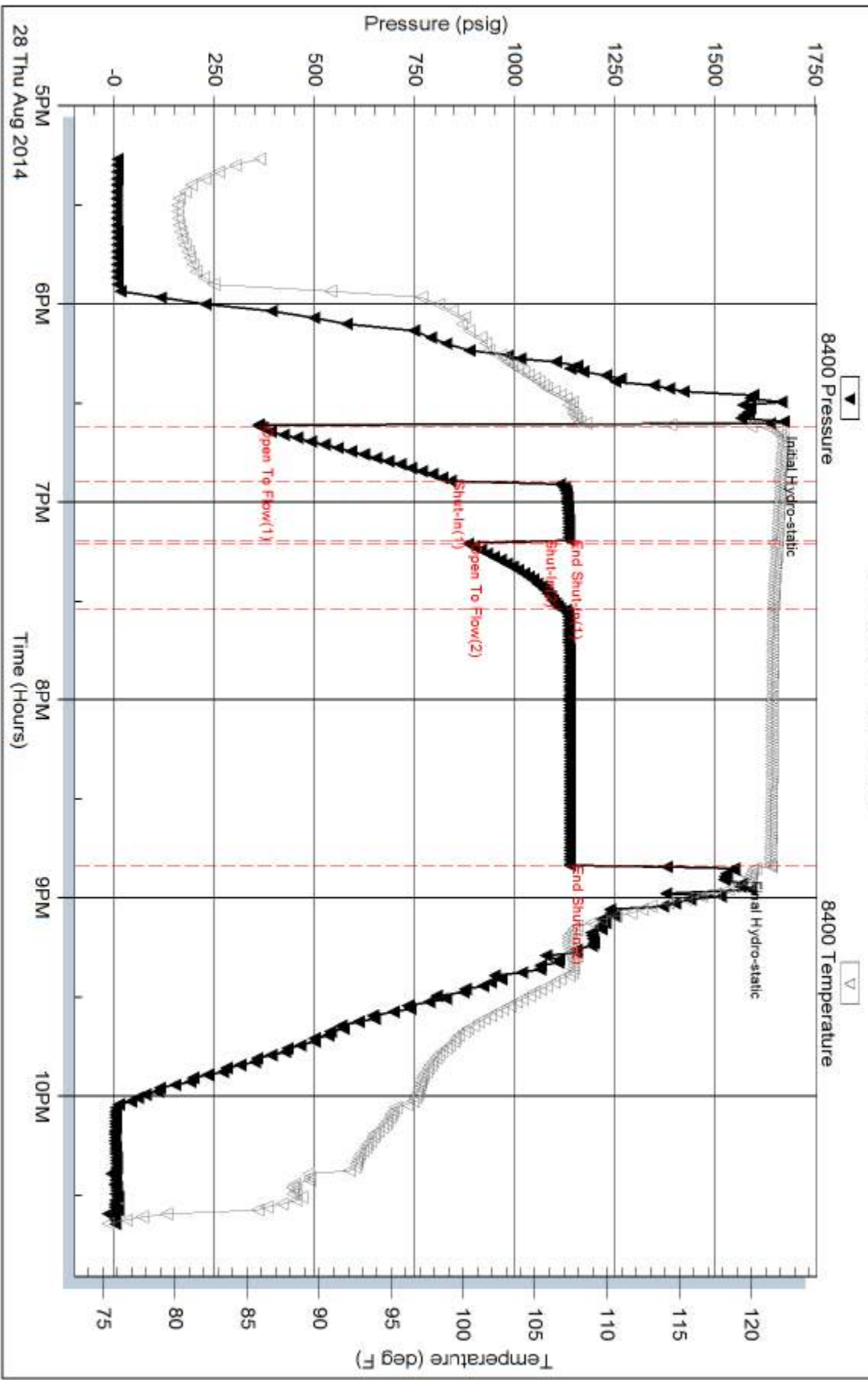
Total Length: 2340.00 ft Total Volume: 32.824 bbl

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

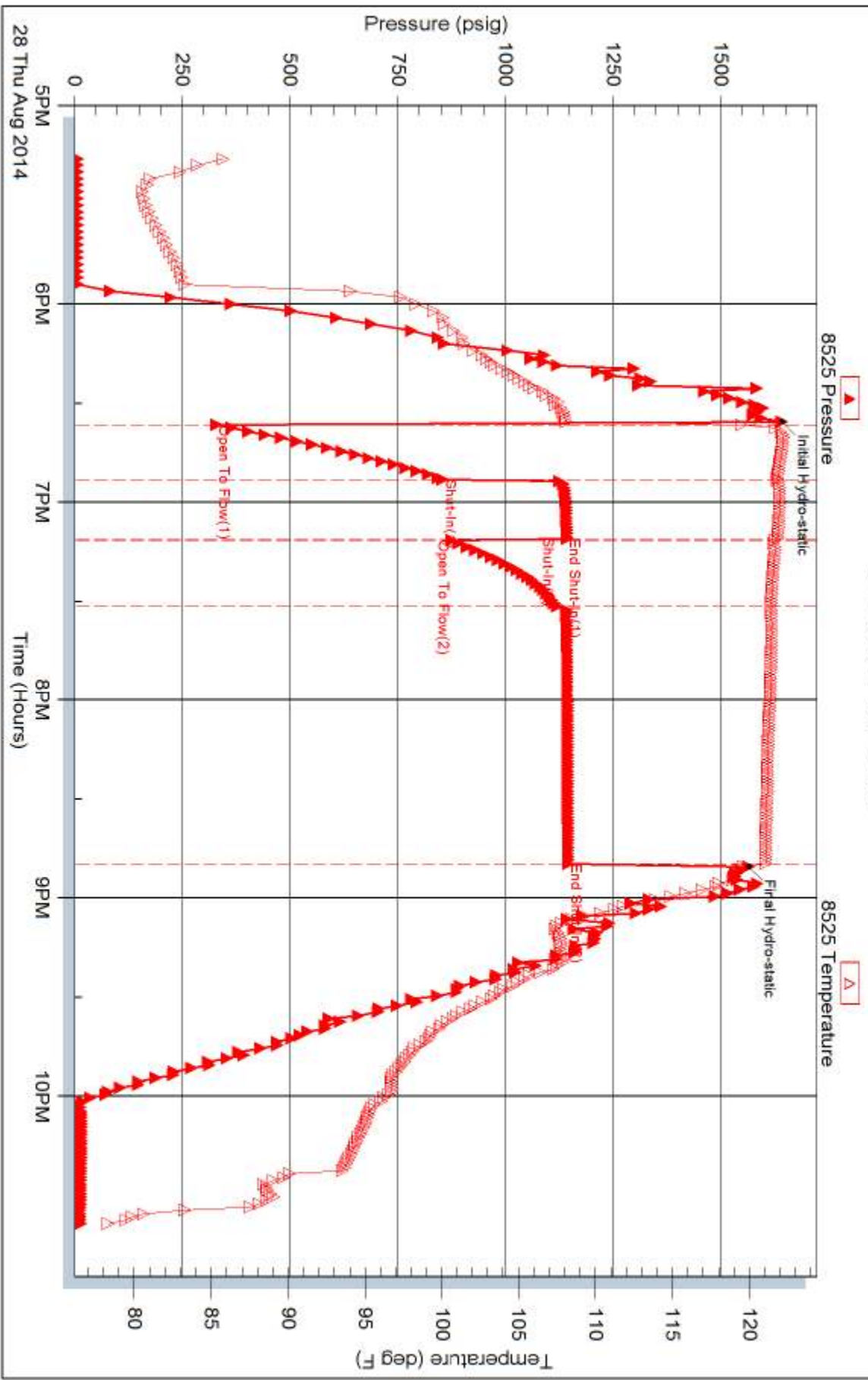
Laboratory Name: Laboratory Location:

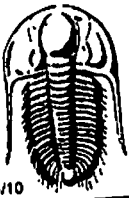
Recovery Comments: chlorides 22,000 resistivity .2 @ 70 degrees

Pressure vs. Time



Pressure vs. Time





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60429

Well Name & No. Jean #1-2 Test No. 1 Date 8-26-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 318 Cummings RD Garden City KS 67840 / PO Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling Rig # 8 State KS
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice

Interval Tested 2833 - 2872 Zone Tested Lansing "A-B"
 Anchor Length 39 Drill Pipe Run 2844 Mud Wt. 8.85
 Top Packer Depth 2828 Drill Collars Run — Vis 50
 Bottom Packer Depth 2833 Wt. Pipe Run — WL 8-8
 Total Depth 2872 Chlorides 3000 ppm System LCM 0

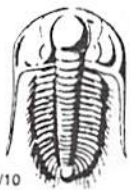
Blow Description IFP - Strong Blow Tool chased 30 feet to Bottom
ISP - NO Blow Back
FFP - NO Blow Flushed Tool NO Surge Pulled Tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1347 Test 950 T-On Location 11:30pm 8-25-2014
 (B) First Initial Flow 83 Jars _____ T-Started 5:07 AM 8-26-2014
 (C) First Final Flow 100 Safety Joint _____ T-Open 6:21am 8-26-2014
 (D) Initial Shut-In 407 Circ Sub _____ T-Pulled 7:51am
 (E) Second Initial Flow 993 Hourly Standby on location 11:30pm 8-25-2014 5 1/2 Hours 124 T-Out 9:22 AM
 (F) Second Final Flow 99 Mileage 80 Road trip Comments was told they would
 (G) Final Shut-In Pulled Tool Sampler _____ Be on Bank 12:15 They
 (H) Final Hydrostatic 1307 Straddle _____ waited on Bank and lighting
 Ruined Shale Packer _____
 Ruined Packer top Packer 320
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In Pull Tool Day Standby _____
 Accessibility _____
 Sub Total 1074 Sub Total 1394.00
 MP/DST Disc't _____

Approved By _____ Our Representative Paul Scher
 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. 60430

Well Name & No. Sean #1-2 Test No. 2 Date 8-26-2014
 Company American Warrior Inc Elevation 1784 KB 1726 GL
 Address 3118 Cummings RD Garden City KS 67846 / PO Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice State KS

Interval Tested 2833 - 2872 Zone Tested hanging A-B
 Anchor Length 39 Drill Pipe Run 2844 Mud Wt. 9.1
 Top Packer Depth 2828 Drill Collars Run - Vis 41
 Bottom Packer Depth 2833 Wt. Pipe Run - WL 10
 Total Depth 2872 Chlorides 3,000 ppm System LCM 0

Blow Description IFP - Strong Blow Built Bottom of Bucket in 5 minutes
ISIP - NO Blow Back
FFP - Fair Blow Built Bottom of Bucket in 25 minutes
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 80 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1381 Test 1150 T-On Location 7:15 pm
 (B) First Initial Flow 135 Jars _____ T-Started 8:30 pm
 (C) First Final Flow 68 Safety Joint _____ T-Open 5:25 pm
 (D) Initial Shut-In 210 Circ Sub _____ T-Pulled 7:55 pm
 (E) Second Initial Flow 94 Hourly Standby _____ T-Out 9:23 pm
 (F) Second Final Flow 149 Mileage 80 Round trip 124 Comments _____
 (G) Final Shut-In 318 Sampler _____
 (H) Final Hydrostatic 1332 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1274.00
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1274.00

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. 60431

Well Name & No. Jan #1-2 Test No. 3 Date 8-28-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 3118 Cummings Rd Gordon City KS 67846 Po Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling R₂ #8
 Location: Sec. 2 Twp. 18s Rge. 8w Co. Rice State KS

Interval Tested 3151 - 3245 Zone Tested Conglomerate
 Anchor Length 94 Drill Pipe Run 3/60 Mud Wt. 9.3
 Top Packer Depth 3146 Drill Collars Run - Vis 54
 Bottom Packer Depth 3151 Wt. Pipe Run - WL 8.8
 Total Depth 3245 Chlorides 3,800 ppm System LCM

Blow Description IFP - Chased Tool 42 feet to Bottom BLOW DIED OFF
IFP - NO Blow Back
FFP - NO Blow Flushed Tool fair Blow Bottom of Bucket in 16 minutes
FFP - NO Blow Back

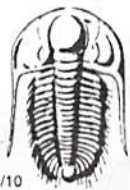
Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>OM W</u>	<u>5</u>	<u>35</u>	<u>10</u>	<u>50</u>
<u>240</u>	<u>60 cut WM</u>	<u>15</u>	<u>15</u>	<u>20</u>	<u>50</u>
<u>300</u>	<u>60 cut mud</u>	<u>5</u>	<u>10</u>	<u>85</u>	<u>0</u>

Rec Total 660 BHT 115 Gravity - API RW 2 @ 68 °F Chlorides 22,000 ppm

(A) Initial Hydrostatic 1551 Test 1150 T-On Location 11:30pm
 (B) First Initial Flow 128 Jars _____ T-Started 1:05AM
 (C) First Final Flow 542 Safety Joint _____ T-Open 2:17AM
 (D) Initial Shut-In 558 Circ Sub _____ T-Pulled 5:00AM
 (E) Second Initial Flow 207 Hourly Standby _____ T-Out 7:16AM
 (F) Second Final Flow 300 Mileage 80 RT Gordon City 124 Comments Tool chased 42 feet to Bottom - Flushed Tool and open
 (G) Final Shut-In 530 Sampler _____ Ruined Shale Packer _____
 (H) Final Hydrostatic 1476 Straddle _____ Ruined Packer _____
 Shale Packer _____ Extra Copies _____
 Extra Packer _____ Extra Recorder _____
 Day Standby 1d 3.75h Sub Total 125
 Accessibility 1274 Total 1399
 Sub Total _____ 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. **60432**

4/10

Well Name & No. Jean #1-2 Test No. 4 Date 8-28-2014
 Company American Warrior Inc Elevation 1784 KB 1796 GL
 Address 3118 Cummins RD Garden City KS 67846 / PO Box 399
 Co. Rep / Geo. Wyatt Urban Rig Duke Drilling R3 #8
 Location: Sec. 2 Twp. 18S Rge. 8W Co. Rice State KS

Interval Tested 3287-3295 Zone Tested Arbuckle
 Anchor Length 8 Drill Pipe Run 3287 Mud Wt. 8.9
 Top Packer Depth 3282 Drill Collars Run — Vis 4.9
 Bottom Packer Depth 3287 Wt. Pipe Run — WL 9.2
 Total Depth 3295 Chlorides 4,200 ppm System LCM
 Blow Description IFP - Strong Blow Built Bottom of Bucket in 1 minute
TSIP - NO Blow Back
FFP - Strong Blow Built Bottom of Bucket in 1 minute
FSFP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Water</u>		<u>1</u>	<u>94</u>	<u>5</u>
<u>2280</u>	<u>Water</u>			<u>97</u>	<u>3</u>

Rec Total 2340 BHT _____ Gravity _____ API RW 1.2 @ 70 °F Chlorides 22,000 ppm
 (A) Initial Hydrostatic 11637 Test 1150 T-On Location 5:00pm
 (B) First Initial Flow 3162 Jars _____ T-Started 5:15pm
 (C) First Final Flow 840 Safety Joint _____ T-Open 6:25pm
 (D) Initial Shut-In 1136 Circ Sub _____ T-Pulled 8:20pm
 (E) Second Initial Flow 664 Hourly Standby _____ T-Out 10:39pm
 (F) Second Final Flow 1113 Mileage 80RT Great Bend 124 Comments 60 on last shut in
 (G) Final Shut-In 1138 Sampler _____ Rig Hands unloading pipe
 (H) Final Hydrostatic 1548 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 20 Day Standby _____ Total 1274
 Final Flow 20 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1274

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.

ALLIED OIL & GAS SERVICES, LLC 063574

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend KC

DATE <u>08-22-14</u>	SEC <u>2</u>	TWP <u>18</u>	RANGE <u>8</u>	CALLED OUT	ON LOCATION <u>1000 PM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Jean</u>	WELL # <u>1-2</u>	LOCATION <u>EAST ON K4 TO HWY 14 1 mile S</u>			COUNTY <u>Ricc</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>To B Ave 1/2 E N into</u>				

CONTRACTOR Duke S OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 413-02

CASING SIZE 8 5/8 24 LBS DEPTH 398-02

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 25.36 H2O

EQUIPMENT

PUMP TRUCK CEMENTER Kevin Kody

597 HELPER Ben Newell

BULK TRUCK _____

810-844 DRIVER DAN CASPAR

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Arrived on location and safety meeting
Rig ran casing 413:02 ft Broke circ w/
rig mud pumped 5 Allen's mix 38.58 BBLS
of class A 3% cc 2% gel displaced
25.36 BBLS of fresh H2O shut in.
Cement did circ

CEMENT

AMOUNT ORDERED 300 SXS CLASS A 3% CC

2% gel

COMMON 300 @ 17.90 5,370.00

POZMIX _____ @ _____

GEL 564 @ .50 282.00

CHLORIDE 846 @ 1.10 930.60

ASC _____ @ _____

Materials Total @ _____ 6,582.60

Disc @ 20% 1,316.52

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 324 @ 2.48 804.92

MILEAGE 14.81 x 35 x @ 2.75 1,425.75

DEPTH OF JOB 413-02

PUMP TRUCK CHARGE 1512.33

EXTRA FOOTAGE _____ @ _____

MILEAGE 35 @ 7.70 269.50

MANIFOLD _____ @ _____

hum 35 @ 4.40 154.00

_____ @ _____

CHARGE TO: American Warrior

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 4,165.72
Disc 20% 833.14

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

Disc 0% TOTAL 0

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 STEVE H STEPHENS

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 10,748.32

DISCOUNT 20% 2,149.56 (20/20/0)

IF PAID IN 30 DAYS

8,598.46

BASIC

energy services, L.P.

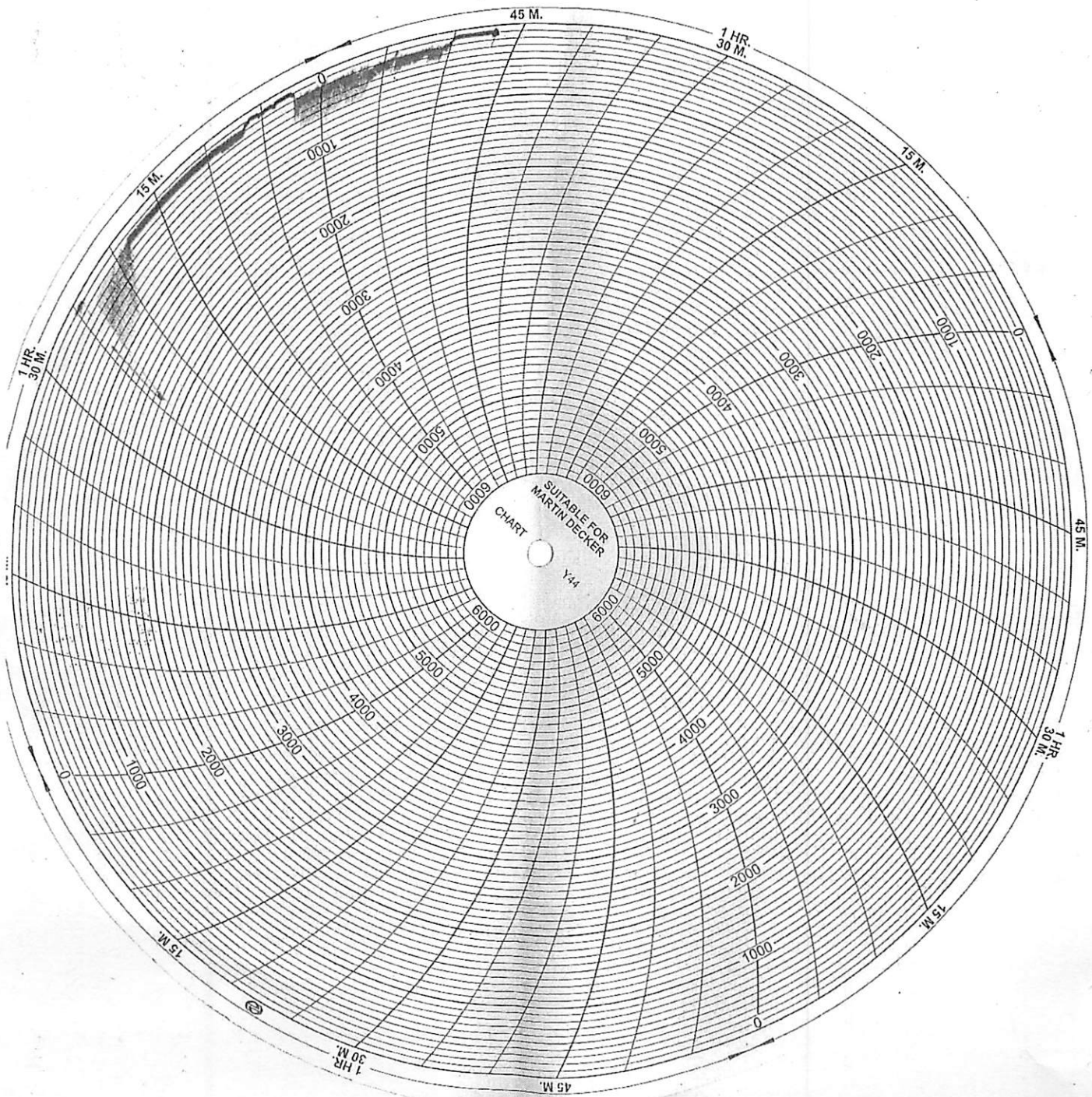
TREATMENT REPORT

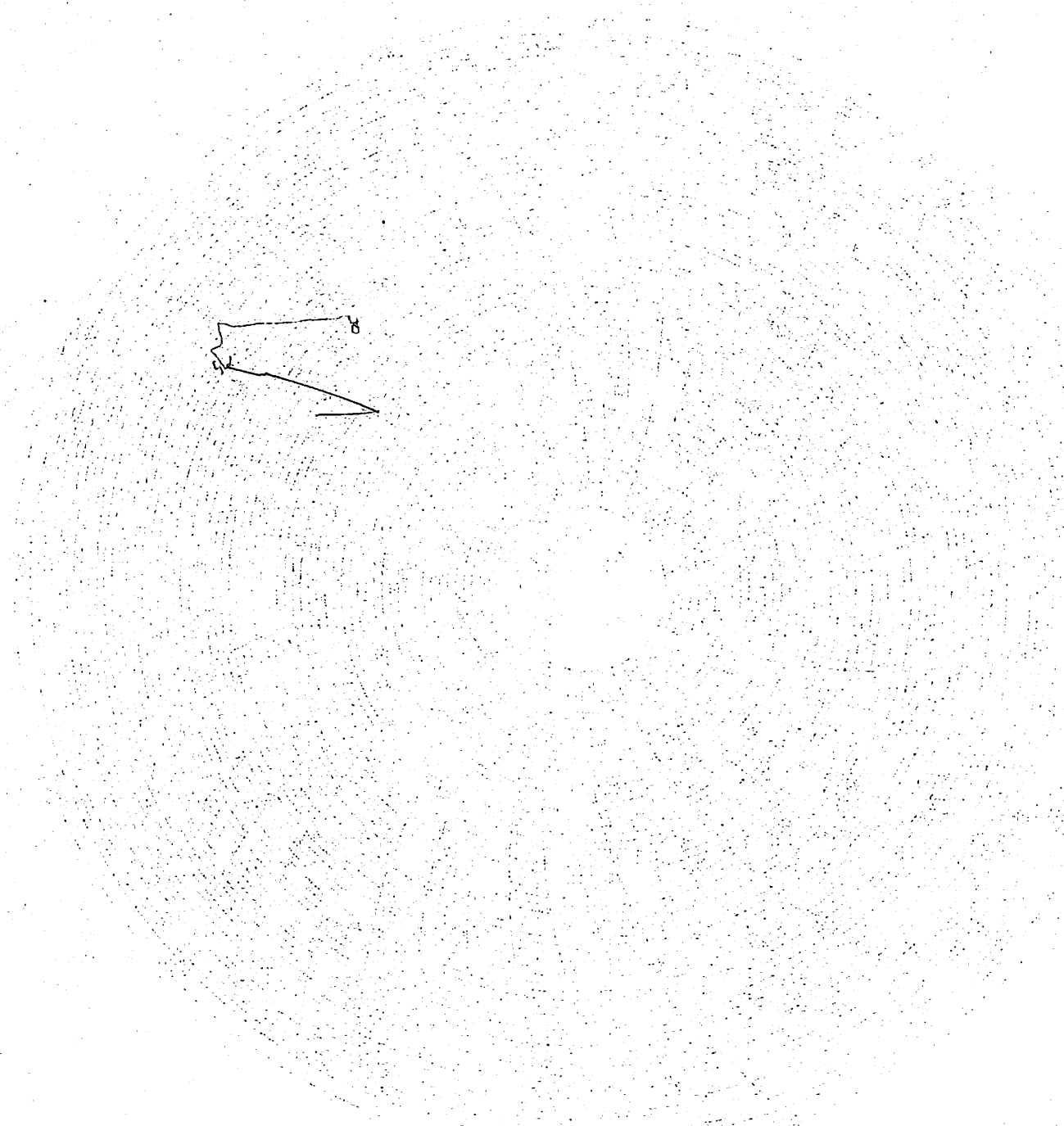
Customer AMERICAN - WARRIOR		Lease No.	Date	
Lease JEAD		Well # 1-2	08-29-14	
Field Order # 11234	Station PRATT KS	Casing 5 1/2	Depth 3362'	County Rice State KS
Type Job CNW 5 1/2 d.s	Formation		Legal Description 2-18-8	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5 1/2				Pre Pad	Max		5 Min.
Depth 3362	Depth	From	To	Pad	Min		10 Min.
Volume 79 1/2	Volume	From	To	Frac	Avg		15 Min.
Max Press 1500	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection P.C	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth 3370	Packer Depth	From	To				

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Jullien
Service Units 37900 19826 30920 19903 19860	Beatty	
Driver Names Sullivan Egan ARON		

Time	Casing Pressure	Jacking Pressure	Bbls. Pumped	Rate	Service Log
5:00					on loc
					Run 5 1/2 15.5 csg
					Cent. 1, 3, 5, 7, 9, 11, 13 15 Back #4
7:00					Casing on Bottom
7:10					Hook Pig circ csg
7:40			5	3	1st SPACER
			12		1st MUD Wash
			5		SPACER
					4.5 mix amt 150 sk AA-cmt @ 15 ppq.
					cmt mixed shut down wash Linsg, pump
					Release Plug
					6 1st Deep
	200				Left PS.
	500				Slow rate
8:15	1500		79 1/2		Pig moved Float Held.
			7		plug RTW/30sk 6/40/10
			5		plug MW w/20sk
					3013 complete





Handwritten marks or symbols at the bottom left corner, possibly initials or a signature.

JAMES C. MUSGROVE

Petroleum Geologist, LLC
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.
Jean #1-2
NE-SW-SE-SW (338' FSL & 1765' FWL)
Section 2-18s-8w
Rice County, Kansas

Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Co. (rig #8)
Commenced: August 22, 2014
Completed: August 29, 2014
Elevation: 1784' K.B., 1782' D.F., 1776' G.L.
Casing program: Surface; 8 5/8" @ 413'
Production, 5 1/2" @ 3365'
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity, Micro and Sonic.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	385	+1399
Heebner	2695	-911
Toronto	2718	-934
Douglas	2733	-949
Brown Lime	2821	-1037
Lansing	2848	-1064
Base Kansas City	3166	-1382
Conglomerate Sand	3221	-1437
Simpson Sand	3260	-1476
Arbuckle	3287	-1503
Rotary Total Depth	3365	-1581
Log Total Depth	3366	-1582

(All tops and zones corrected to Electric Log Measurement)

JAMES C. MURDOVE
 Petroleum Geologist, L.L.C.
 212 Main Street
 P.O. Box 212
 Coffeyville, KS 67325

Real Office (620) 887-3444

Office (620) 888-4550

American Well Inc.
 Lease #1-2
 NE-SW-SE-SW (328 FSL & 1788 FWT)
 Section 3-18-8W
 Rice County, Kansas

Page 1

5 1/2" Production Casing Log

Contractor: Duke Drilling Co. (fig #8)
Comment: August 29, 2014
Completed: August 29, 2014
Elevation: 1784' K.B., 1782' D.F., 1779' G.L.
Casing Program: Production 5 1/2" @ 3265',
 Surface 8 5/8" @ 413'
Samples: Samples saved and examined 2800' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2800 ft. to the Rotary Total
 Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests run by Tillotite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity,
 Micro and Sonic.

<u>Sub-Sea Datum</u>	<u>Log Depth</u>	<u>Formation</u>
+1389	385	Anhydrite
-911	2095	Hebner
-934	2718	Toronto
-949	2733	Douglas
-1027	2821	Brown Lime
-1054	2848	Lansing
-1382	3166	Base Kansas City
-1427	3221	Compensated Sand
-1450	3200	Gimerson Sand
-1503	3287	Arbuckle
-1581	3365	Rotary Total Depth
-1582	3366	Log Total Depth

(All tops and zones corrected to Electric Log Measurement)

American Warrior Inc.
Jean #1-2
NE-SW-SE-SW (338' FSL & 1765' FWL)
Section 2-18s-8w
Rice County, Kansas

Page 2

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2600-2695' No shows of oil and/or gas was noted in the drilling of the Topeka Section.

TORONTO SECTION

2718-2730' Limestone, cream, tan, finely crystalline, slightly cherty, dense.

LANSING SECTION

2854-2860' Limestone, cream, finely crystalline, few fossiliferous, poor scattered porosity, no shows.

2870-2879' Limestone, tan, finely crystalline, slightly chalky, scattered porosity, good vuggy type porosity, brown spotty stain, show of free oil and questionable odor in fresh samples.

Drill Stem Test #1 2833-2872

--Misrun—Slid tool
30' to bottom (plugged tool and anchor)

Drill Stem Test #2 2833-2872

Times: 30-30-45-45

Blow: Strong

Recovery: 80' mud

**Pressures: ISIP 210 psi
FSIP 318 psi
IFP 135-68* psi
FFP 94-149* psi
HSH 1381-1332 psi**

(*plugging on both flow periods)

2898-2910' Limestone gray, cream, tan, finely crystalline, few fossiliferous, poorly developed porosity; no shows.

2918-2926' Limestone, gray cream, finely crystalline, oolitic, poor porosity, no shows.

SAMPLE ANALYSIS SHOWS OF OIL TESTING DATA ETC.

TORONTO SECTION

2800-2880
 No shows of oil and/or gas was noted in the drilling of the Toroka Section.

TORONTO SECTION

2718-2780
 Limestone, cream, tan, finely crystalline, slightly cherty, dense.

LANSING SECTION

2884-2880
 Limestone, cream, finely crystalline, few fossiliferous, poor scattered porosity, no shows.

2870-2878
 Limestone, tan, finely crystalline, slightly chalky, scattered porosity, good vuggy type porosity, brown spotty stain, show of free oil and questionable odor in fresh samples.

Drill Stem Test #1 2883-2875

--Main-- 2 1/2" tool
 30' to bottom (plugged tool and anchor)

Drill Stem Test #2 2883-2875

Pressure:	1819	210	psi
Flow:	Strong		
Recovery:	80' mud		
Time:	30-30-48-48		
Pressure:	1819	318	psi
Flow:	100-88		psi
Recovery:	84-100		psi
Time:	1081-1335		psi

(*plugging on both flow periods)

2888-2910
 Limestone gray, cream, tan, finely crystalline, few fossiliferous, poorly developed porosity, no shows.

2918-2888
 Limestone, gray, cream, finely crystalline, oil rich, poor porosity, no shows.

- 2932-2940' Limestone, cream, white, chalky, few fossiliferous, scattered porosity, brown stain and black stain, show of free oil and no odor in fresh samples.
- 2950-2974' Limestone, tan, finely crystalline, oomoldic, good oomoldic and vuggy type porosity, no shows. Plus white/gray opaque chert.
- 3010-3020' Limestone, tan, finely crystalline, few oomoldic, trace spotty stain, no free oil and no odor in fresh samples.
- 3026-3032' Limestone, tan, finely crystalline, dense, few cherty.
- 3026-3032' Limestone, tan, finely crystalline, few oomoldic, trace spotty stain, no free oil and no odor in fresh samples.
- 3036-3050' Limestone, cream, white, fine and medium crystalline, few fossiliferous, chalky, poor visible porosity, no shows.
- 3050-3062' Limestone, as above.
- 3077-3090' Limestone, gray, white, fossiliferous, sub-oomoldic, chalky, scattered porosity, brown stain, trace of free oil and no odor in fresh samples.
- 3118-3140' Limestone, gray, white, cherty dense, plus white/gray chert.
- 3147-3152' Limestone, gray, cream, sub-oomoldic; chalky poor stain, trace of free oil and no odor.

CONGLOMERATE SECTION

- 3208-3216' Sand, white, red, green very fine grained, calcareous, few shaley, friable, no shows.
- 3224-3238' Sand, clean, white, fine and medium grained sub-oomoldic, friable, fair inter-granular porosity, trace of brown stain, weak show of free oil and no odor in fresh samples. Plus abundant loose unconsolidated quartz grains.

3025-3040	Limestone, cream, white, chalky, few fossiliferous, scattered porosity, brown stain and black stain, show of free oil and no odor in fresh samples.
3050-3074	Limestone, tan, finely crystalline, conchoidal, good conchoidal and vuggy type porosity, no show. Plus whitish gray cherty chert.
3010-3020	Limestone, tan, finely crystalline, few conchoidal, trace spotty stain, no free oil and no odor in fresh samples.
3028-3032	Limestone, tan, finely crystalline, dense, few cherty.
3028-3032	Limestone, tan, finely crystalline, few conchoidal, trace spotty stain, no free oil and no odor in fresh samples.
3038-3050	Limestone, cream, white, fine and medium crystalline, few fossiliferous, chalky, poor visible porosity, no show.
3020-3022	Limestone, as above.
3077-3090	Limestone, gray, white, fossiliferous, sub-conchoidal, chalky, scattered porosity, brown stain, trace of free oil and no odor in fresh samples.
3118-3140	Limestone, gray, white, cherty dense, plus whitish gray chert.
3147-3152	Limestone, gray, cream, sub-conchoidal; chalky poor stain, trace of free oil and no odor.

CONGLOMERATE SECTION

3208-3218	Sand, white, red, green very fine grained, calcareous, few shaly, friable, no show.
3224-3238	Sand, clean, white, fine and medium grained sub-conchoidal, friable, fair inter-granular porosity, trace of brown stain, weak show of free oil and no odor in fresh samples. Plus abundant loose unconsolidated quartz grains.

American Warrior Inc.
Jean #1-2
NE-SW-SE-SW (338' FSL & 1765' FWL)
Section 2-18s-8w
Rice County, Kansas

Page 4

Drill Stem Test #3 **3151-3245**

Times: 30-20-45-60

**Blow: No blow; flushed tool
Final blow, strong blow**

**Recovery: 300' oil and gas cut mud
(5% gas; 10% oil; 85% mud)
240' oil and gas cut watery mud
(15% gas; 15% oil; 20% water; 50% mud)
120' very slightly oil cut muddy water
(5% oil; 85% water; 10% mud)**

**Pressures: ISIP invalid plugged psi
FSIP 530 psi
IFP invalid (plugged) psi
FFP 207-300 psi
HSH 1551-1470 psi**

Remarks: Slid tool 42' to bottom, ISIP & IFP-plugged, all pressures invalid

3244-3250' Sand as above.

SIMPSON SECTION

3260-3268' Sand, white, clean, rounded, friable, fair inter-granular porosity, brown stain, show of free oil and faint odor in fresh samples.

ARBUCKLE SECTION

3286-3295' Dolomite, gray, medium crystalline, fair inter-crystalline porosity, light brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #3 **3287-3295**

Times: 15-20-20-60

Blow: Strong

**Recovery: 60' very slightly oil cut muddy water
(1% oil; 5% mud; 94% water)
2280' muddy water**

**Pressures: ISIP 1136 psi
FSIP 1113 psi
IFP 362-841 psi
FFP 884-1113 psi
HSH 1638-1549 psi**

Drill Stem Test #3 3151-3248

Time: 30-20-45-60

Blow: Final blow, strong blow
 No blow; flushed tool

Recovery: 120' very slightly oil cut muddy water (8% oil; 88% water; 10% mud)
 130' very slightly oil cut muddy water (12% gas; 48% oil; 20% water; 50% mud)
 240' oil and gas cut watery mud (5% gas; 10% oil; 85% mud)
 300' oil and gas cut mud

Pressure: HSH 1551-1470 psi
 FFP 207-200 psi
 IFP invalid (plugged) psi
 FSIP 530 psi
 ISIP invalid plugged psi

Remarks: 210' to bottom, ISIP & IFP-plugged, all pressures invalid

Sand as above. 3244-3250'

SIMPSON SECTION

3260-3268' Sand, white, clean, rounded, friable, fair inter-granular porosity, brown stain, show of free oil and faint odor in fresh samples.

ARBuckle SECTION

3268-3269' Dolomite, gray, medium crystalline, fair inter-crystalline porosity, light brown stain, show of free oil and faint odor in fresh samples.

Drill Stem Test #3 3287-3298

Time: 15-30-30-60

Blow: Strong

Recovery: 2380' muddy water (1% oil; 5% mud; 94% water)
 60' very slightly oil cut muddy water

Pressure: HSH 1038-1549 psi
 FFP 884-1113 psi
 IFP 362-841 psi
 FSIP 1113 psi
 ISIP 1136 psi

American Warrior Inc.
Jean #1-2
NE-SW-SE-SW (338' FSL & 1765' FWL)
Section 2-18s-8w
Rice County, Kansas

Page 5

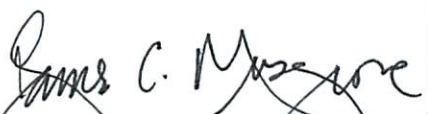
- 3300-3312' Dolomite, gray, tan, finely crystalline, few medium crystalline, fair inter-crystalline and vuggy porosity, poor stain, no free oil and faint to fair odor in fresh samples.
- 3312-3330' Dolomite, white, gray, tan, finely crystalline, fair inter-crystalline porosity, few with scattered vuggy porosity, trace poor stain, weak show of free oil and faint to fair odor in fresh samples.
- 3330-3340' Dolomite as above, plus white chert.
- 3340-3365' Dolomite, white, tan, pink, fine and medium crystalline, fair to good inter-crystalline porosity, trace stain, trace of free oil and faint to fair.

Rotary Total Depth: 3365
Log Total Depth: 3366

Recommendations:

5 ½ production casing was set and cemented on the American Warrior Inc., Jean #1-2.

Respectfully Submitted,


James C. Musgrove
Petroleum Geologist



3340-3365	Dolomite, white, tan, pink, fine and medium crystalline, fair to good inter-crystalline porosity, trace stain, trace of free oil and faint to fair.
3330-3340	Dolomite as above, plus white chert.
3312-3330	Dolomite, white, gray, tan, finely crystalline, fair inter-crystalline porosity, few with scattered vuggy porosity, trace poor stain, weak show of free oil and faint to fair odor in fresh samples.
3300-3312	Dolomite, gray, tan, finely crystalline, few medium crystalline, fair inter-crystalline and vuggy porosity, poor stain, no free oil and faint to fair odor in fresh samples.

Log Total Depth: 2365
Rotary Total Depth: 3365

Recommendations:
A production casing was set and cemented on the American Warrior Inc. Leas #1-S.

Respectfully Submitted,

James C. Musgrove
Petroleum Geologist