

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1099085
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: _____

1099085

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	Henman 1-21
Doc ID	1099085

All Electric Logs Run

Dual Compensated Porosity
Micro
Dual Induction
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Henman 1-21
Doc ID	1099085

Tops

Name	Top	Datum
Anhy	1581'	+640
B/Anhy	1628'	+593
Topeka	3253'	-1032
Heebner	3483'	-1262
Toronto	3502'	-1281
Lansing	3520'	-1299
B/KC	3756'	-1535
Marmaton	3808'	-1587
Arbuckle	3903'	-1682



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O Brate

Henman #1-2

21-12s-20w Ellis,KS

Start Date: 2012.09.26 @ 04:31:52

End Date: 2012.09.26 @ 13:07:09

Job Ticket #: 48548 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.02 @ 08:22:58



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Cecil O Brate

21-12s-20w Ellis,KS
Henman #1-2
 Job Ticket: 48548 **DST#: 1**
 Test Start: 2012.09.26 @ 04:31:52

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:33:09
 Time Test Ended: 13:07:09
 Interval: **3790.00 ft (KB) To 3848.00 ft (KB) (TVD)**
 Total Depth: 3848.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Unit No: 44
 Reference Elevations: 2221.00 ft (KB)
 2213.00 ft (CF)
 KB to GR/CF: 8.00 ft

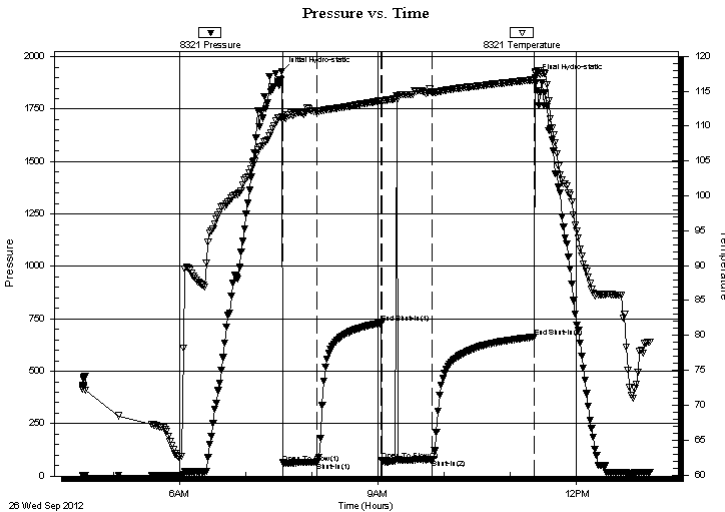
Serial #: 8321

Inside

Press @ Run Depth: 78.75 psig @ 3826.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.26 End Date: 2012.09.26 Last Calib.: 2012.09.26
 Start Time: 04:31:53 End Time: 13:06:09 Time On Btm: 2012.09.26 @ 07:32:39
 Time Off Btm: 2012.09.26 @ 11:22:09

TEST COMMENT: IFP=Weak blow built to 1 1/4"
 ISI=Dead no blow back
 FFP=Surged then died- flushed tool w eak blow built to 1"
 FSI=Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.34	111.32	Initial Hydro-static
1	63.06	110.88	Open To Flow (1)
32	68.01	112.15	Shut-In(1)
90	728.84	113.63	End Shut-In(1)
91	76.60	113.44	Open To Flow (2)
137	78.75	114.78	Shut-In(2)
229	663.35	116.62	End Shut-In(2)
230	1897.65	117.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud w ith a scum of oil	0.58
3.00	SOCWM 5%W 5%O 95%M	0.04

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: Cecil O Brate

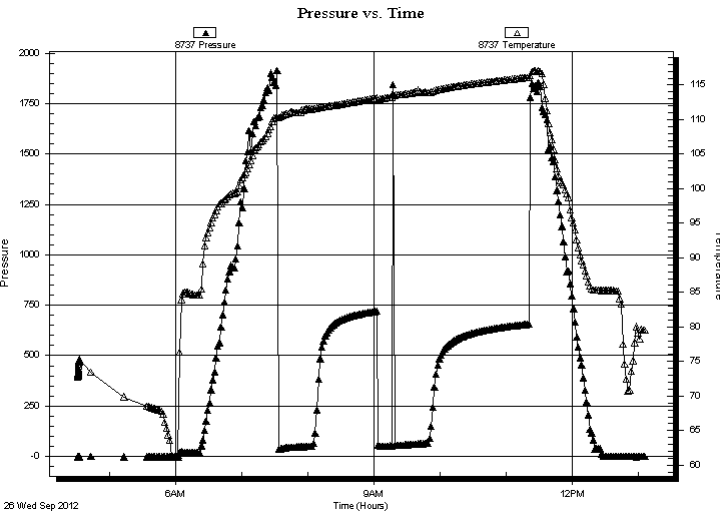
21-12s-20w Ellis, KS
Henman #1-2
 Job Ticket: 48548 **DST#: 1**
 Test Start: 2012.09.26 @ 04:31:52

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:33:09 Tester: Jeff Brown
 Time Test Ended: 13:07:09 Unit No: 44
 Interval: **3790.00 ft (KB) To 3848.00 ft (KB) (TVD)** Reference Elevations: 2221.00 ft (KB)
 Total Depth: 3848.00 ft (KB) (TVD) 2213.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8737 Outside
 Press @ Run Depth: psig @ 3826.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.26 End Date: 2012.09.26 Last Calib.: 2012.09.26
 Start Time: 04:31:21 End Time: 13:06:20 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP=Weak blow built to 1 1/4"
 ISI=Dead no blow back
 FFP=Surged then died- flushed tool w eak blow built to 1"
 FSI=Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud w ith a scum of oil	0.58
3.00	SOCWM 5%W 5%O 95%M	0.04

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: Cecil O Brate

21-12s-20w Ellis,KS
Henman #1-2
 Job Ticket: 48548 **DST#: 1**
 Test Start: 2012.09.26 @ 04:31:52

Tool Information

Drill Pipe:	Length: 3761.00 ft	Diameter: 3.80 inches	Volume: 52.76 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose:	58000.00 lb
			<u>Total Volume: 52.90 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3790.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	58.00 ft				
Tool Length:	78.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3771.00	
Shut In Tool	5.00			3776.00	
Hydraulic tool	5.00			3781.00	
Packer	4.00			3785.00	20.00 Bottom Of Top Packer
Packer	5.00			3790.00	
Stubb	1.00			3791.00	
Perforations	2.00			3793.00	
Change Over Sub	1.00			3794.00	
Drill Pipe	31.00			3825.00	
Change Over Sub	1.00			3826.00	
Recorder	0.00	8321	Inside	3826.00	
Recorder	0.00	8737	Outside	3826.00	
Perforations	19.00			3845.00	
Bullnose	3.00			3848.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O Brate

21-12s-20w Ellis,KS
Henman #1-2
Job Ticket: 48548 **DST#: 1**
Test Start: 2012.09.26 @ 04:31:52

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud w ith a scum of oil	0.577
3.00	SOCWM 5%W 5%O 95%M	0.042

Total Length: 63.00 ft Total Volume: 0.619 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

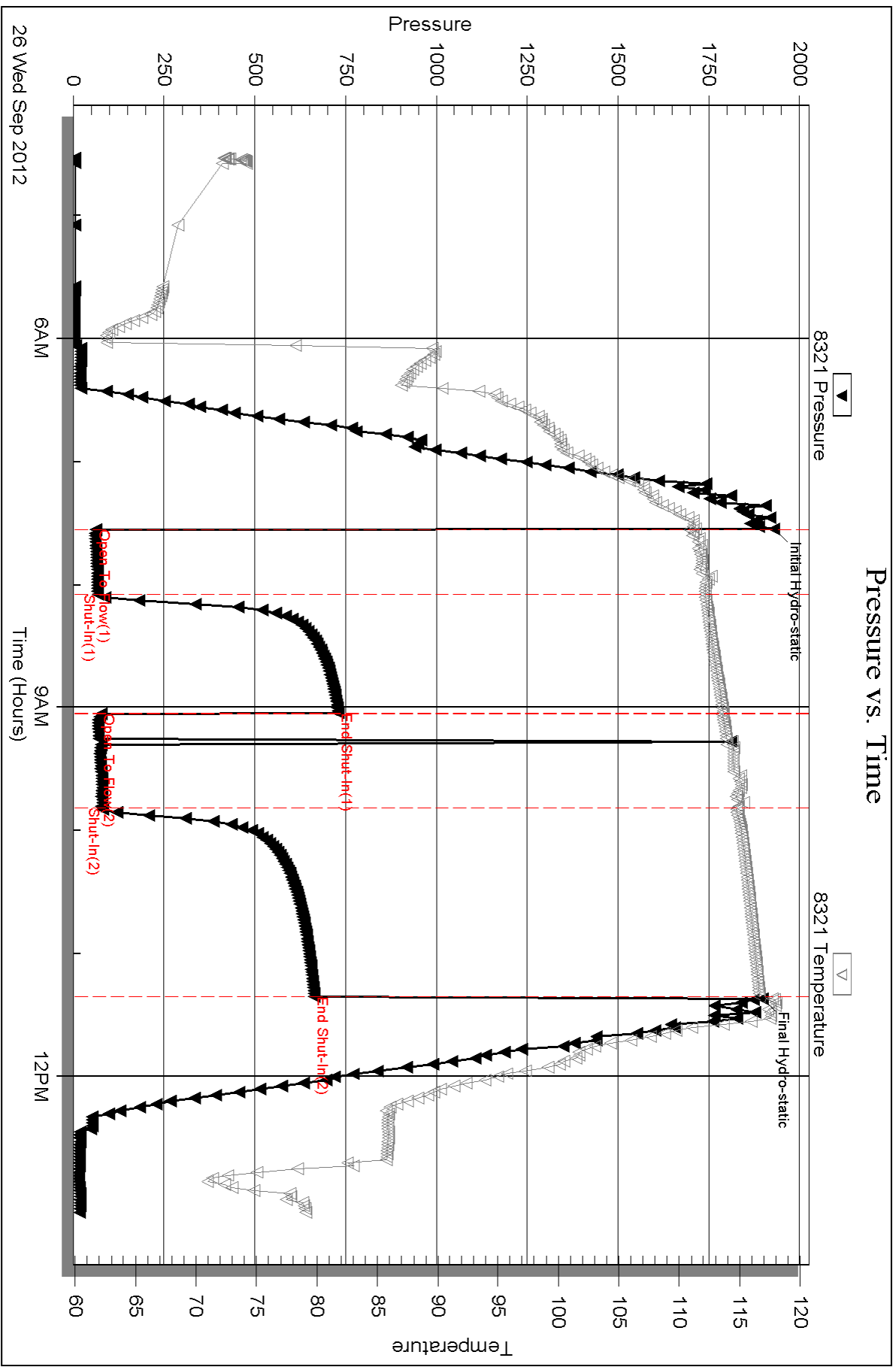
Serial #: 8321

Inside

American Warrior Inc

Herman #1-2

DST Test Number: 1

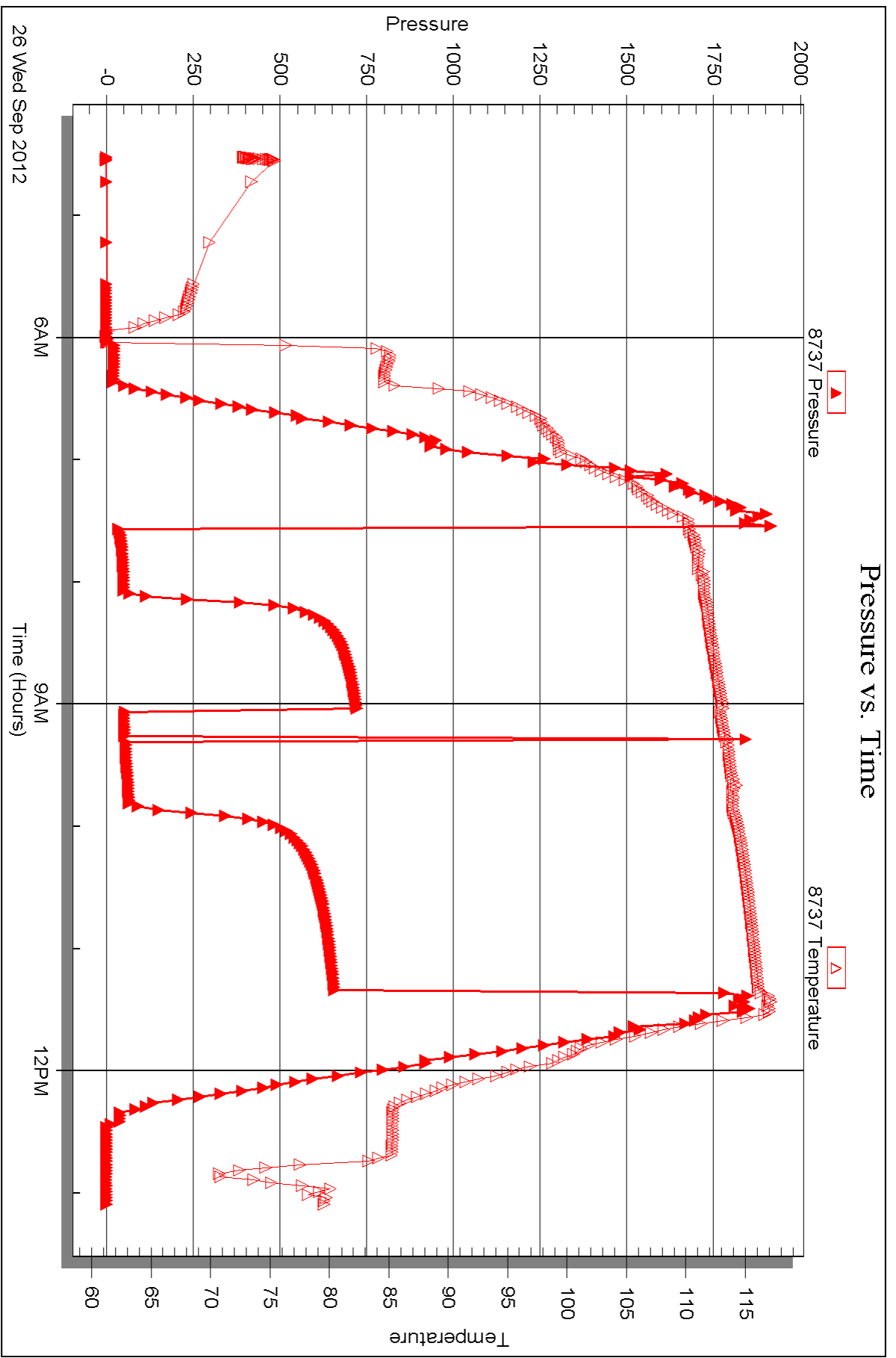


Serial #: 8737

Outside American Warrior Inc

Herman #1-2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48548

Printed: 2012.10.02 @ 08:23:03



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O Brate

Henman #1-2

21-12s-20w Ellis,KS

Start Date: 2012.09.26 @ 21:20:25

End Date: 2012.09.27 @ 03:29:25

Job Ticket #: 48549 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.02 @ 08:22:17



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Cecil O Brate

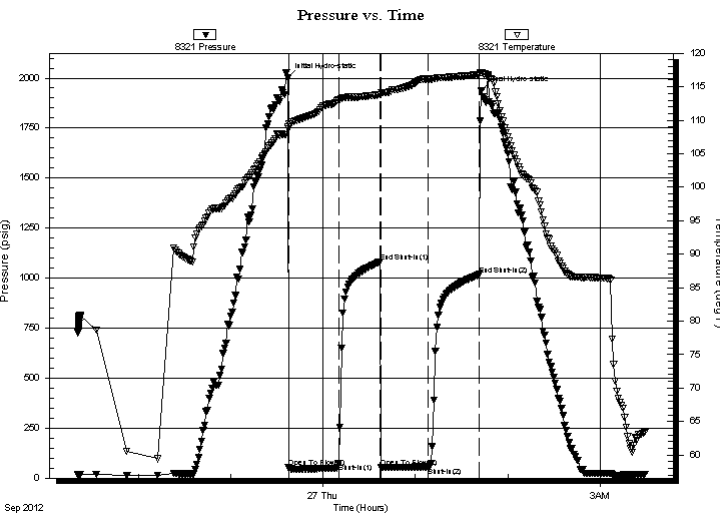
21-12s-20w Ellis,KS
Henman #1-2
 Job Ticket: 48549 **DST#: 2**
 Test Start: 2012.09.26 @ 21:20:25

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 23:37:25 Tester: Jeff Brown
 Time Test Ended: 03:29:25 Unit No: 44
 Interval: **3897.00 ft (KB) To 3910.00 ft (KB) (TVD)** Reference Elevations: 2221.00 ft (KB)
 Total Depth: 3910.00 ft (KB) (TVD) 2213.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8321 Inside
 Press @ Run Depth: 56.29 psig @ 3898.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.26 End Date: 2012.09.27 Last Calib.: 2012.09.27
 Start Time: 21:20:26 End Time: 03:29:25 Time On Btm: 2012.09.26 @ 23:36:55
 Time Off Btm: 2012.09.27 @ 01:42:55

TEST COMMENT: IFP=Weak blow built to 3"
 ISI=Dead no blow back
 FFP=Weak blow built to 2 1/4"
 FSI=Dead no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.92	108.94	Initial Hydro-static
1	51.70	108.79	Open To Flow (1)
33	74.19	113.00	Shut-In(1)
60	1081.39	113.82	End Shut-In(1)
61	55.19	113.85	Open To Flow (2)
92	56.29	116.12	Shut-In(2)
125	1017.91	116.81	End Shut-In(2)
126	1937.73	117.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	HOCM 40%O 60%M	0.10
30.00	Free Oil	0.34

* 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: Cecil O Brate

21-12s-20w Ellis,KS
Henman #1-2
 Job Ticket: 48549 **DST#: 2**
 Test Start: 2012.09.26 @ 21:20:25

Tool Information

Drill Pipe:	Length: 3857.00 ft	Diameter: 3.80 inches	Volume: 54.10 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 29.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: 54.24 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3897.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	33.00 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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Change Over Sub	1.00			3878.00	
Shut In Tool	5.00			3883.00	
Hydraulic tool	5.00			3888.00	
Packer	4.00			3892.00	20.00 Bottom Of Top Packer
Packer	5.00			3897.00	
Stubb	1.00			3898.00	
Recorder	0.00	8321	Inside	3898.00	
Recorder	0.00	8737	Outside	3898.00	
Perforations	9.00			3907.00	
Bullnose	3.00			3910.00	13.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O Brate

21-12s-20w Ellis,KS
Henman #1-2
Job Ticket: 48549 **DST#: 2**
Test Start: 2012.09.26 @ 21:20:25

Mud and Cushion Information

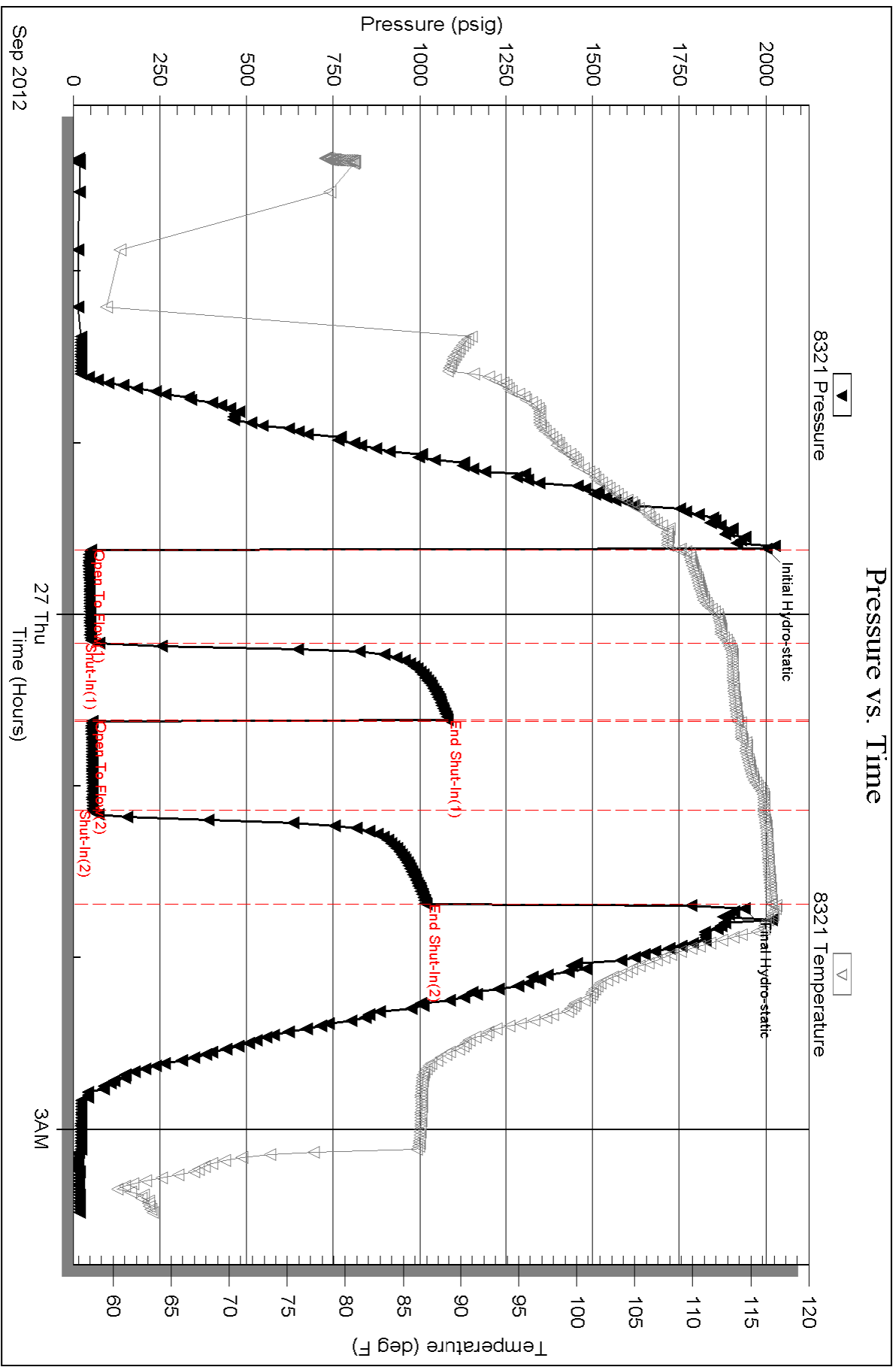
Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	HOCM 40%O 60%M	0.098
30.00	Free Oil	0.339

Total Length: 50.00 ft Total Volume: 0.437 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

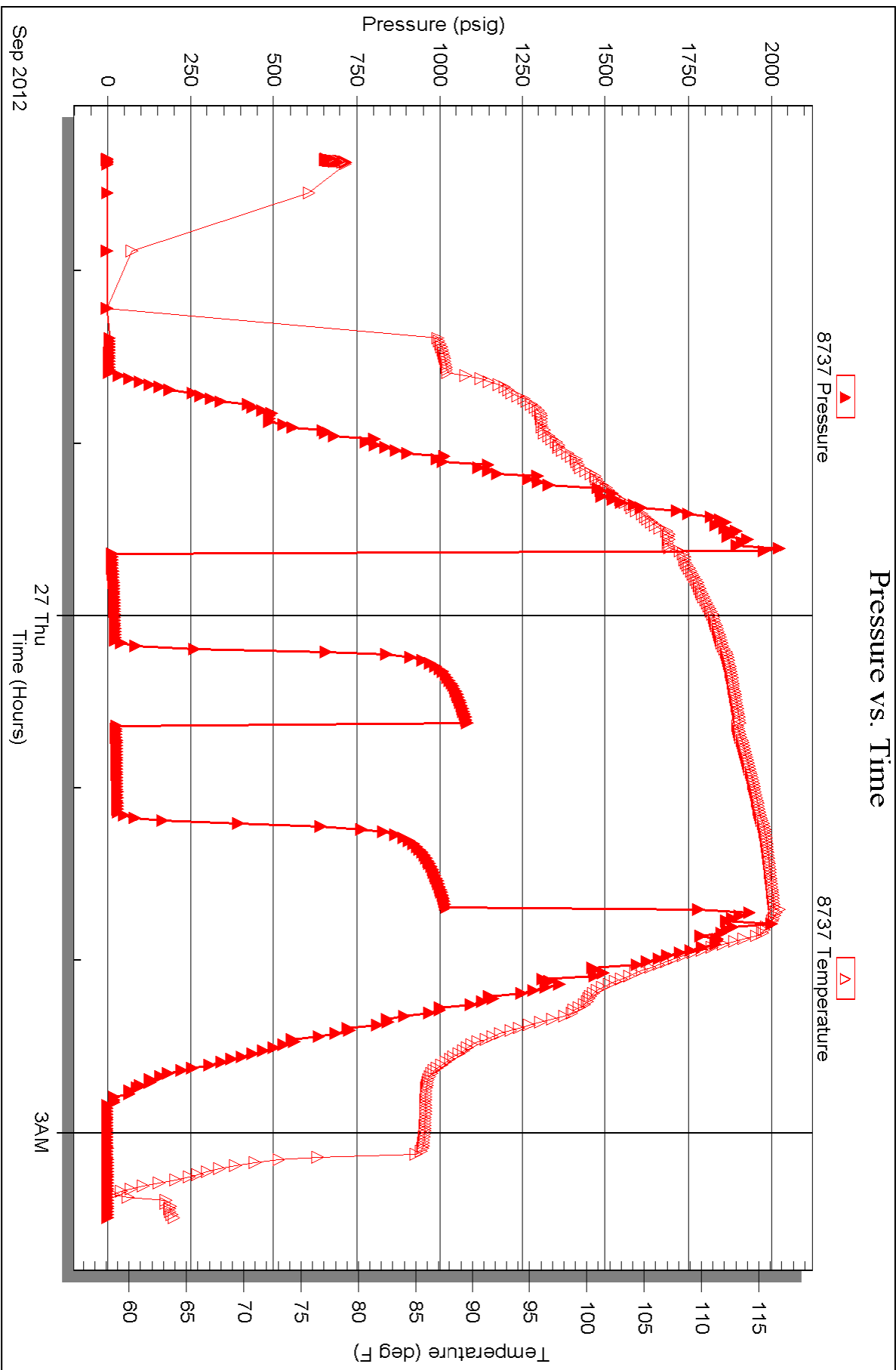


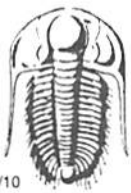
Serial #: 8737

Outside American Warrior Inc

Hennan #1-2

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48548

Well Name & No. Henman #1-2 Test No. 1 Date 9-26-12
 Company American Warrior INC Elevation 2221 KB 2213 2213 GL
 Address PO Box 399 Garden City KS 67844
 Co. Rep / Geo. Jeff Lawler Rig Discovery #1
 Location: Sec. 21 Twp. 12 S Rge. 20 W Co. ELLIS State KS

Interval Tested 3790-3848 Zone Tested Marmaton
 Anchor Length 58 Drill Pipe Run 3761 Mud Wt. 8.8
 Top Packer Depth 3785 Drill Collars Run 29 Vis 55
 Bottom Packer Depth 3790 Wt. Pipe Run 0 WL 7.6
 Total Depth 3848 Chlorides 4000 ppm System LCM 2

Blow Description IF-Weak Blow Built to 1 1/4 IN
ISI-Dead No Blow Back
IFP-Surged then Died - Flushed Tool weak Blow Built to 1 IN
ISI-Dead No Blow Back

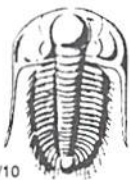
Rec	Feet of	%gas	%oil	%water	%mud
<u>600</u>	<u>MUD with A Scum of oil</u>				<u>100</u>
<u>3</u>	<u>SOCUM</u>		<u>5</u>	<u>5</u>	<u>95</u>

Rec Total 603 BHT 117 Gravity _____ API RW 304 @ 84.8 °F Chlorides 18,500 ppm
 (A) Initial Hydrostatic 1930 Test 1150 T-On Location 3:35
 (B) First Initial Flow 63 Jars _____ T-Started 4:31
 (C) First Final Flow 68 Safety Joint _____ T-Open 7:34
 (D) Initial Shut-In 729 Circ Sub _____ T-Pulled 11:19
 (E) Second Initial Flow 77 Hourly Standby .5hrs 50 T-Out 13:07
 (F) Second Final Flow 79 Mileage 42 65.10 RT Comments _____
 (G) Final Shut-In 663 Sampler _____
 (H) Final Hydrostatic 1898 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 600
 Final Flow 45
 Final Shut-In 90
 Sub Total 1265.10
 Total 1265.10
 MP/DST Disc't _____

Approved By _____ Our Representative Jeff Brown

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48549

Well Name & No. Henman # 1-2 Test No. 2 Date 9-26-12
 Company American Warrior INC Elevation 2221 KB 2213 GL
 Address Po Box 399 Garden City KS 67846
 Co. Rep / Geo. Jeff Lawler Rig Discovery #1
 Location: Sec. 21 Twp. 12S Rge. 20W Co. ELLIS State KS

Interval Tested 3897-3910 Zone Tested AR Buckle
 Anchor Length 13 Drill Pipe Run 3857 Mud Wt. 9.1
 Top Packer Depth 3892 Drill Collars Run 29 Vis 55
 Bottom Packer Depth 3897 Wt. Pipe Run 0 WL 8.8
 Total Depth 3910 Chlorides 4000 ppm System LCM 2

Blow Description FP-Weak Blow Built To 3 IN
ESE-Dead No Blow Back
FP-Weak Blow Built To 2 1/4 IN
FST-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Hoc m</u>		<u>40</u>		<u>60</u>
<u>30</u>	<u>Free oil</u>		<u>100</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT 117 Gravity 27 API RW @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2001 Test 1150 T-On Location 21:02
 (B) First Initial Flow 52 Jars _____ T-Started 21:20
 (C) First Final Flow 74 Safety Joint _____ T-Open 23:38
 (D) Initial Shut-In 1081 Circ Sub _____ T-Pulled 1:38
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 3:29
 (F) Second Final Flow 50 Mileage 65.10 Comments _____
 (G) Final Shut-In 1018 Sampler _____
 (H) Final Hydrostatic 1938 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer 320
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total _____
 Day Standby _____ Total 1535.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1215.10

Approved By _____ Our Representative Jeff Brown

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 056536

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE <u>9-21-12</u>	SEC. <u>21</u>	TWP. <u>12</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00pm</u>	JOB FINISH <u>3:30pm</u>
LEASE <u>Hennigan</u>	WELL# <u>1-21</u>	LOCATION <u>Ellis N 2 1/2 Winto</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Discovery #1
 TYPE OF JOB surface
 HOLE SIZE 12 1/4 T.D. 222
 CASING SIZE 8 5/8 23 1/2 DEPTH 220.96
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 15'
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT 13 bbl

OWNER
 CEMENT
 AMOUNT ORDERED 150ccm 3%cc 2%gel

EQUIPMENT
 PUMP TRUCK CEMENTER Robert V Bob S
 # 417 HELPER Woody O
 BULK TRUCK
 # 481 DRIVER Walter K
 BULK TRUCK
 # DRIVER

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2,685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.45</u>	<u>70.35</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		
HANDLING	<u>162.09 5/3</u>	@	<u>2.48</u>	<u>401.99</u>
MILEAGE	<u>148.00 +/M</u>		<u>2.60</u>	<u>384.80</u>
				TOTAL <u>3862.14</u>

REMARKS:
ran 5jts of 8 5/8 23 1/2 csg. received circulation mixed 150ccm 3%cc 2% gel displaced 13 bbl of water shut in
Cement did circulate to surface
 Thank you!!

SERVICE

DEPTH OF JOB	<u>222</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>20 HVMI</u>	@ <u>7.70</u> <u>154.00</u>
MANIFOLD	@
<u>20 LVMI</u>	@ <u>4.40</u> <u>88.00</u>
TOTAL <u>1754.25</u>	

CHARGE TO: AMERICA WARRIOR
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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.

SALES TAX (If Any) 193.74
 TOTAL CHARGES 5616.39
 DISCOUNT 1561.36 IF PAID IN 30 DAYS

PRINTED NAME _____
 SIGNATURE Coffeyfield

net 4055.54 BS 9-23
before tax



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

TICKET No 22853

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, Ks.
 2. Ness City, Ks.
 3.
 4.

WELL/PROJECT NO. # 1-21 LEASE Herman COUNTY/PARISH Ellis STATE Ks CITY DATE 9-27-12 OWNER same

TICKET TYPE SERVICE SALES CONTRACTOR Discovery Drilling #1 RIG NAME/NO. SHIPPED VIA CT DELIVERED TO Location ORDER NO.

WELL TYPE oil WELL CATEGORY development JOB PURPOSE Longstring WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE #111	50	mi	6	00	300 00
578		1			Pump Charge (Longstring)	1	ea	3975	00	1500 00
221		1			KCL	2	gal	25	00	50 00
281		1			Mud Flush	500	gal	1	25	625 00
402		1			Centralizers	8	ea	5 1/2	00	560 00
403		1			Baskets	2	ea	250	00	500 00
404		1			Port Collar	1	ea	2400	00	2400 00
406		1			L.D. Plug & Baffle	1	ea	250	00	250 00
407		1			Insert Float Shoe w/fill	1	ea	350	00	350 00
419		1			Rotating Head	1	ea	200	00	200 00

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

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

x [Signature]
 DATE SIGNED 9-28-12 TIME SIGNED 0215 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?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	6735 00
page 2	4688 25
subtotal	11423 25
Ellis TAX 6.3%	555 42
TOTAL	11,978 67

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

SWIFT OPERATOR [Signature] APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 22853

CUSTOMER: American Carrier Inc
WELL: #1-21 Henman
DATE: 9-27-12
PAGE: 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
325		2				Standard Cement	175	sk			13.50	2362	50
276		2				Floccle	50	#	1/4	#/sk	2.00	100	00
283		2				salt	850	#	10	%	20	170	00
284		2				Calseal	8	sk	5	%	35.00	280	00
292		2				Haled-322	125	#	3/4	%	7.75	968	75
581		2				SERVICE CHARGE					2.00	350	00
583		2				MILEAGE CHARGE					1.00	457	00
						TOTAL WEIGHT	18275						
						LOADED MILES	50						
						CUBIC FEET							
						TON MILES			457				
CONTINUATION TOTAL											4688	25	

JOB LOG

SWIFT Services, Inc.

DATE 9-27-12 PAGE NO. 1

CUSTOMER American Warrior Inc WELL NO. #1-21 LEASE Itenman JOB TYPE Longstring TICKET NO. 22852

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2230							on loc w/ FE
								RTD 3975'
								5 1/2" x 14# x 3974' x 19'
								Cent 1, 3, 5, 8, 10, 12, 14, 58
								Back 2, 59
								P.C. 5-9 @ 1582'
	2315							Start FE
	0045							Break Circ.
	0110	2.5	7/5					Plug RH/MA 30/15 sks EA-2
	0120	5	0			250		Start Mudflash 50 gal
		5	12/0			250		Start KCL flash 20 bbl
		5	20/0			250		Start 130 sks EA-2
	0135		32					End Cement
								Wash P/L
								Drop L.D. Plug
	0140		0			200		Start Displacement
	0150					250		Catch Cement
	0200		96.5			700/300		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, David E. & Jeremy



CHARGE TO: **AWI**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 22880

PAGE 1 OF

SERVICE LOCATIONS
 1. **Hays Ks** WELL/PROJECT NO. **1-21** LEASE **Henman** COUNTY/PARISH **Ellis** STATE **Ks** CITY **Ellis** DATE **10-9-12** OWNER
 2. **Ness City Ks** TICKET TYPE SERVICE SALES CONTRACTOR **Express well** RIG NAME/NO. SHIPPED VIA CT DELIVERED TO **Location** ORDER NO.
 3. WELL TYPE **Oil** WELL CATEGORY **Develop** JOB PURPOSE **Squeeze / Port Collar** WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #112	20	mi			6.00	120.00
578		1			Pump Service	1	ecu			1500.00	1500.00
300		1			Reg. Acid	250	gal	15%		1.75	437.50
235		1			Inhib -1	1/2	gal			35.00	17.50
325		2			Standard Cement	75	skt			13.50	1012.50
330		2			Swift Multi Density	125	skt			16.50	2062.50
276		2			Flotele	50	lbs			2.00	100.00
581		2			Service Charge Cement	250	skt			2.00	500.00
583		2			Drayage	483.13	tm			1.00	483.30
290		1			D-Air	2	gal			35.00	70.00

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

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

X
 DATE SIGNED **10-9-12** TIME SIGNED **0830** 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	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6303.30
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Ellis TAX 6.3% 204.44
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL 6507.74
<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 **[Signature]** APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 10-9-12 PAGE NO.

CUSTOMER American Warrior WELL NO. 1-21 LEASE Hennigan JOB TYPE Squeeze / Port Collar TICKET NO. 22880

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							On location Set up
	0845							Spot 250 gal 15% Acid @ 3930'
								Pull tubing set Packer @ 3796'
	0910						500	Pressure Backside
	0915					1500		Breakdown Perfs
		2		✓		1100		Injection Rate
	0930							Start Cmt 75 sks Standard
		1.75	6	✓		200		Caught Pressure
	0945	2				1700		Start Displacement
			16			1700		Packer Clear
								Stage Squeeze
	1000							Shut in wash up truck
	1020					1200		Pressure up Hold
	1025							Release back Dry
	1030							Reverse Out
	1100							Pull Tool Packer
								Run Port Collar open tool
	1300						1000	Pressure Test
	1310	3					200	Open Port Collar injection Rate
	1315							Start Cement
			55					Cement Circulate increase 14 th /gal
			62					Start Displacement
			5					Close Port Collar
	1335						1000	Pressure Test
								Run 5 joints
	1350							Reverse out
								circulate 25 sks to pit
	1400							wash up truck
								Rack up
	1430							Job complete
								Thank You
								Josh, Roger, John, Rob.

OPERATOR

Company: AMERICAN WARRIOR, INC.
 Address: 3118 CUMMINGS ROAD
 P.O. BOX 399
 GARDEN CITY, KS 67846

Contact Geologist: CECIL O'BRATE
 Contact Phone Nbr: (620) 275-2963
 Well Name: HENMAN #1-2
 Location: NW SW NE SW 21-12S-20W
 Pool:
 State: KANSAS

API: 15-051-26392-0000
 Field: DISTRICT 57 NORTH
 Country: USA

Scale 1:240 Imperial

Well Name: HENMAN #1-2
 Surface Location: NW SW NE SW 21-12S-20W
 Bottom Location:
 API: 15-051-26392-0000
 License Number: 4058
 Spud Date: 9/22/2012
 Region: ELLIS
 Drilling Completed: 9/12/2012
 Surface Coordinates: 1726' FSL & 1502' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 2213.00ft
 K.B. Elevation: 2221.00ft
 Logged Interval: 0.00ft
 Total Depth: 0.00ft
 Formation: MARMATON
 Drilling Fluid Type: CHEMICAL/FRESH WATER

Time: 11:00 PM
 Time: 5:50 PM
 To: 0.00ft

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -99.5521746
 N/S Co-ord: 1726' FSL
 E/W Co-ord: 1502' FWL

Latitude: 38.9912216

LOGGED BY



Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601

Phone Nbr: (785)259-3737
 Logged By: Geologist
 Name: JEFF LAWLER

CONTRACTOR

Contractor: DISCOVERY DRILLING
 Rig #: 1
 Rig Type: MUD ROTARY
 Spud Date: 9/22/2012
 TD Date: 9/12/2012
 Rig Release:

Time: 11:00 PM
 Time: 5:50 PM
 Time:

ELEVATIONS

K.B. Elevation: 2221.00ft
 K.B. to Ground: 8.00ft


Ground Elevation: 2213.00ft

NOTES

WELL COMPARISON SHEET

	HENMAN #1-2				P&A 6-61				P&A 9-91				P&A 9-91			
	LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		COMP. CARD		LOG		SMPL.	
	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	CORR.	CORR.
FORMATION	1581	640	1574	640	1573	636			1587	642			1579	640		
ANHYDRITE TOP																
BASE	1628	593			1612	597			1642	587			1625	594		
TARKIO					3062	-848										
HOWARD					3223											
TOPEKA	3253	-1032	3245	-1031					3263	-1034			3249	-1030		
HEEBNER SHALE	3483	-1262	3475	-1261					3492	-1263			3479	-1260		
TORONTO	3502	-1281			3493	-1284			3514	-1285			3501	-1282		
LKC	3520	-1299	3513	-1299					3532	-1303			3518	-1299		
BKC	3756	-1535	3759	-1545					3776	-1547			3761	-1542		
MARMATON	3808	-1587	3813	-1599					3824	-1595			3810	-1591		
CONGLOMERATE			3850	-1636					3876	-1647			3864	-1645		
ARBUCKLE	3903	-1682	3894	-1680					3920	-1691			3904	-1685		
RTD			3917	-1703												
LTD					3930	-1721			3950	-1721			3930	-1711		

DST #1 MARMATON 3748' - 3848'



DRILL STEM TEST REPORT

American Warrior Inc
 Po Box 399
 Garden City Ks 67846
 ATTN: ci

21-12s-20w
Henman #1-2
 Job Ticket: 48548
 Test Start: 2012.09.26 @ 04:31:52

GENERAL INFORMATION:

Formation: Marmaton
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:33:09
 Time Test Ended: 13:07:09

Interval: 3790.00 ft (KB) To 3848.00 ft (KB) (TVD)
 Total Depth: 3848.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

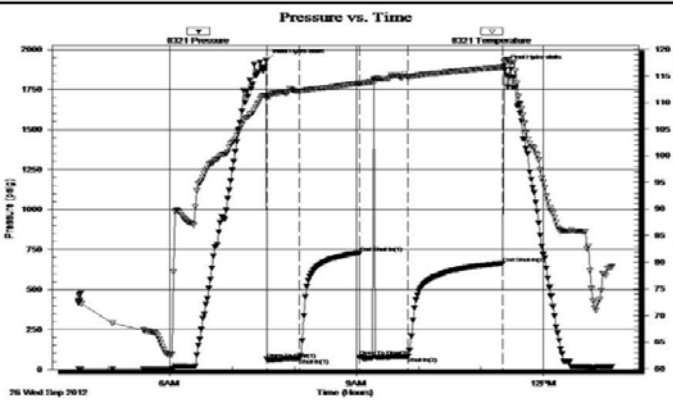
Test Type: Conventional Bottom Hole (Initial)
 Tester: Jeff Brown
 Unit No: 44

Reference Elevations: 2221.00 ft (KB)
 2213.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8321 Inside
 Capacity: 8000.00 gal

Press@RunDepth: 70.75 psig @ 3820.00 ft (KB) 2012.09.26 Capacity: 8000.00 psig
 Start Date: 2012.09.26 End Date: 13:06:09 Last Calib.: 2012.09.26
 Start Time: 04:31:53 End Time: 13:06:09 Time On Btm: 2012.09.26 @ 07:32:39
 Time Off Btm: 2012.09.26 @ 11:22:09

TEST COMMENT: IFP=Weak blow built to 1 1/4 in
 ISI=Dead no blow back
 FFP=Surged then died- flushed tool weak blow built to 1 in
 FSI=Dead no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.34	111.32	Initial Hydro-static
1	63.06	110.88	Open To Flow(1)
32	68.01	112.15	Shut-In(1)
90	728.84	113.63	End Shut-In(1)
91	76.60	113.44	Open To Flow(2)
137	78.75	114.78	Shut-In(2)
229	663.35	116.62	End Shut-In(2)
230	1897.65	117.68	Final Hydro-static

Recovery		
Length(ft)	Description	Volume(bbl)
60.00	Mud with a scum of oil	0.58
3.00	SOCWM 5%W 5%O 95%M	0.04

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

Trilobite Testing, Inc Ref. No: 48548 Printed: 2012.09.26 @ 15:40:51

DST #2 ARBUCKLE 3897' - 3910'

DRILL STEM TEST REPORT

American Warrior Inc **21-12s-20w**

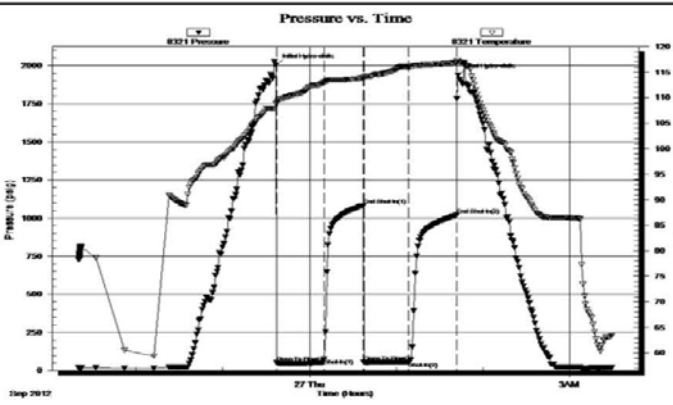
Po Box 399 **Henman #1-2**
 Garden City Ks 67846
 Job Ticket: 48549 **DST# 2**

ATTN: Cecil O Brate Test Start: 2012.09.26 @ 21:20:25

GENERAL INFORMATION:
 Formation: **Arbukle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:37:25
 Time Test Ended: 03:29:25
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jeff Brown
 Unit No: 44
 Interval: 3897.00 ft (KB) To 3910.00 ft (KB) (TVD)
 Reference Elevations: 2221.00 ft (KB)
 Total Depth: 3910.00 ft (KB) (TVD) 2213.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8321 Inside
 Press@RunDepth: 56.29 psig @ 3898.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.26 End Date: 2012.09.27 Last Calib.: 2012.09.27
 Start Time: 21:20:26 End Time: 03:29:25 Time On Btm: 2012.09.26 @ 23:36:55
 Time Off Btm: 2012.09.27 @ 01:42:55

TEST COMMENT: IFP=Weak blow built to 3 in
 ISI=Dead no blow back
 FFP=Weak blow built to 2 1/4 in
 FSI=Dead no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.92	108.94	Initial Hydro-static
1	51.70	108.79	Open To Flow(1)
33	74.19	113.00	Shut-In(1)
60	1081.39	113.82	End Shut-In(1)
61	55.19	113.85	Open To Flow(2)
92	56.29	116.12	Shut-In(2)
125	1017.91	116.81	End Shut-In(2)
126	1937.73	117.12	Final Hydro-static

Recovery		
Length(ft)	Description	Volume(bbl)
20.00	HOCM 40%O 60%M	0.10
30.00	Free Oil	0.34

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

Trilobite Testing, Inc Ref. No: 48549 Printed: 2012.09.27 @ 06:52:27

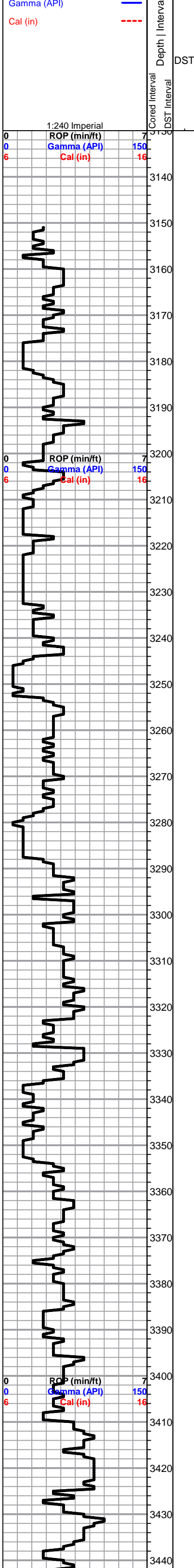
ROCK TYPES

Lmst fw7>
 shale, gry
 Carbon Sh
 Shcol

OTHER SYMBOLS

DST
■ DST Int
■ DST alt

Curve Track #1	Curve Track #3
ROP (min/ft)	ROP (min/ft)



Depth Interval	DST	Lithology	Oil Show
3130 - 3140			
3140 - 3150			
3150 - 3160			
3160 - 3170			
3170 - 3180			
3180 - 3190			
3190 - 3200			
3200 - 3210			
3210 - 3220			
3220 - 3230			
3230 - 3240			
3240 - 3250			
3250 - 3260			
3260 - 3270			
3270 - 3280			
3280 - 3290			
3290 - 3300			
3300 - 3310			
3310 - 3320			
3320 - 3330			
3330 - 3340			
3340 - 3350			
3350 - 3360			
3360 - 3370			
3370 - 3380			
3380 - 3390			
3390 - 3400			
3400 - 3410			
3410 - 3420			
3420 - 3430			
3430 - 3440			

ANHYDRITE TOP 1581' (+640) E-LOG
BASE 1628' (+583) E-LOG

1' DRILL TIME THROUGH ANYHYDRITE 1560' - 1630'
1' DRILL TIME FROM 3150' - RTD
10' WET/DRY SAMPLES FROM 3200' - RTD
GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 3200' - RTD

Lm- Cream Gray, FXLN, dense, trashy bio-clastic, many fsl fragments, few loose fusulinids & crinoids, sctrd cementation, some muddy matrix

Sh- Gray, soft sl argillaceous clumps, white chalk, & sandy buff lime, sl fsl & unconsolidated

Lm- Cream Buff, FXLN, dense, some sl granular, fsl, poorly developed, rare fn ppt porosity

Ss/Sh- Dove Gray Lt Gray Lm Green, Fn grn, shaley, speckled w/ glauconite, dense well compacted gray shale

Sh- Drk & Lt Gray, gummy argillaceous clumps & gray wash, some dense well compacted, sl waxy

Lm- Cream Buff, FXLN & Fn grn, dense, some w/ sl chalky matrix, fsl w/ many fragments, sl trashy

Sh- Gray Lm Green, soft, semi-gummy

TOPEKA 3253' (-1032) E-LOG Lm- Cream Off White F-Med XLN, fsl w/ micro crinoids, sl oolitic, dense, sctrd fn ppt porosity, gritty, few pcs sl dolomitic, NS

Lm- Cream Tan Buff, Crypto-FXLN, fsl, few loose fusulinids, most well cemented & tight w/ minimal vis. porosity

Lm- Cream Lt Gray, VF-FXLN, dense, tight w/ minimal vis. porosity, sl fsl, few embedded crinoids, most vry well cemented, few w/o vis grains

Lm- Cream buff, F-Med XLN, dense, fsl w/ micro oolites, gritty, few chips well cemented & dolomitic, vry fn ppt porosity, poor-sctrd interoolitic connectivity, few chips w/ SCTRDR GSY STN, SL GSY SHEEN, FR SFO, FNT ODR UPON CRUSH, MOST W/ RARE WK SPOTTY STN

Sh- Black Gray, soft, carbonaceous

Lm- Gray, F-Med XLN, fsl fragments, trashy bio-clastic, high energy, sctrd mud matrix

Lm- Cream Tan, F-Med XLN, vry fsl, most well cemented, sctrd-dense XLN porosity, sctrd dense fenestral secondary porosity, NS

Lm- Cream, FXLN, fsl & oolitic, sl micro oolitic w/ poor intercastic connectivity, most well cemented, sctrd fn ppt porosity, clean & barren

Lm- Cream Buff Tan, Med XLN, gritty & granular, massive, fsl & fsl fragments, biomicrite, some w/ dense sparry cementation, sctrd ppt porosity, NS

Lm- Cream Buff, Med XLN, gritty & granular, most well cemented, dolomitic, fn ppt porosity, sl fsl, clean & barren

Sh- Black Gray Brown, fissile, carbonaceous, gritty & earthy

Lm- Cream Tan, Fn grn., gritty, well cemented, mottled, sl fsl, sctrd vry fn ppt porosity

Sh/Ss- Gray White Lm Green, soft wash shale, consolidated fn grn Ss, sl sandy lime

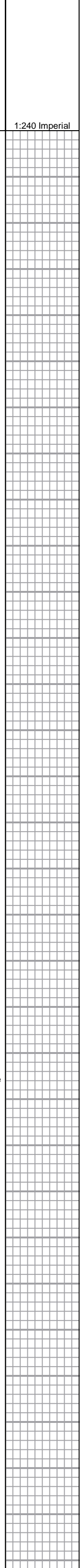
Lm- Cream, FXLN & Fn grn, mix of dense chalky algal Ls & oolitic biomicrite, sl granular, massive, ppt porosity, very clean, barren, sctrd white chalk

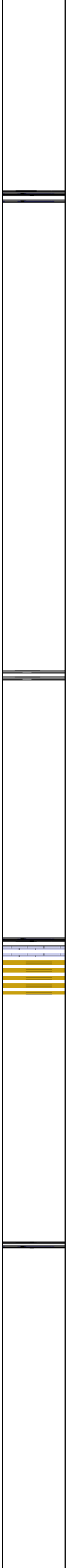
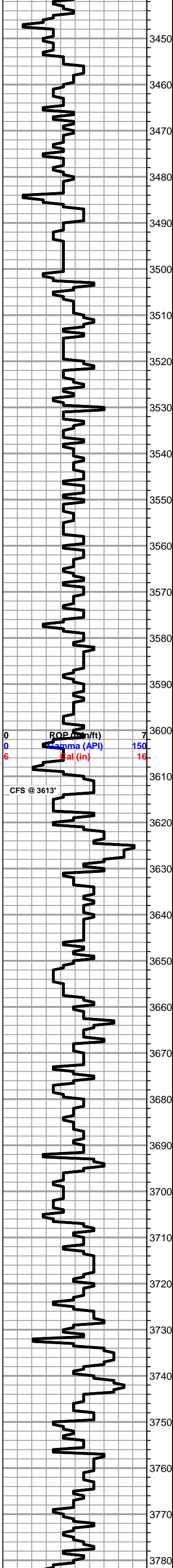
Lm/Chert- Cream Smokey Gray, F-Med XLN, oolitic, sl oolitic A/A, sctrd partial skeletal dissolution, fsl fresh chert, few chips of sl dolomitic chert

Sh- Black Lt & Drk Gray, fissile carbonaceous, thin soft slivers & smooth chips

Lm- Tan Gray Buff, FXLN, dense, well cemented, fsl fragements, trashy, sctrd xln porosity

Lm- Cream Tan Off White, VF-FXLN, mostly dense & vry well cemented, few granular fsl chips w/ sctrd ppt porosity, WK SPOTTY STN, VRY SL SFO, FNT GSY ODR UPON CRUSH, sctrd fresh bedded chert





Lm- Tan Cream, FXLN, dense, loosely cemented, sl chalky matrix, fsl, massive w/ sctrd porosity, few biomicrite chips in dense sparry cement, tight XLN porosity

Lm- Cream Off White, mix of dense FXLN, vry well cemented mud matrix, gritty w/ appearant fn ppt porosity, no effective matrix porosity, gritty fsl dolomitic chert, ganular dolomitic Ls w/ sctrd ppt porosity, 2-3 CHIPS W/ SCTRD SPOTTY STN, SL SFO, NO ODR

Lm- Cream Gray, mix of fsl FXLN, dense, heavily mottled, sl fsl heavily mottled siltstone, & fsl smokey gray bedded chert, chalky in part

HEEBNER 3483' (-1262) E-LOG Sh- Black Gray Lm Green fissile, dense, carbonaceous, blocky & slick, semi-waxy

Sh- Lm Green, soft w/ green wash

TORONTO 3502' (-1281) E-LOG Lm- Cream Off White, VF-F grn, dense, sl chalky matrix, sctrd vry fn ppt porosity, SCTRD FLAKEY WK DRK STN, NSFO, VRY FNT ODR, much barren porosity, few chips w/ lithofied lime mud matrix, dense & well cemented w/ few sctrd clear crystal inclusions

Sh- Brown Maroon, gritty & earthy

LKC 3520' (-1299) E-LOG Lm- Cream Off White, FXLN, dense, well cemented, sctrd fn xl porosity, tight

Lm- Cream Tan, F-Med XLN, most dense & well cemented, densely packed oolitic biomicrite w/ sctrd inter fsl ppt porosity w/ recrystallization w/in, SCTRD FLAKEY STN, VR SL SFO, SL GSY SHEEN, NO ODR

Sh- Lm Green Gray, gritty, calcareous, slick blocky gray chips

Sh- Brown Maroon, gritty & earthy, brown wash

Lm- Tan Cream, F-Med XLN, massive, gritty & sl dolomitic, well cemented & tight w/ minimal to sctrd vry fn ppt porosity, few chips w/ SCTRD LT GSY STN, FLAKEY, SL GSY SHEEN, FNT ODR UPON CRUSH, few chips of oolitic fresh bedded chert

Lm- Cream Tan, Fn grn & Med XLN, dense, some moderately developed w/ consistant fn interoolitic ppt porosity, SPOTTY LT GSY STN, SL SFO, SL SHEEN, FR ODR, fsl med XLN, loosely cemented, sctrd ppt porosity, STN A/A

Sh- Gray, thin slick slivers

Lm- Cream Off White, Med XLN, oolitic, loosely cemented, sctrd interoolitic porosity, sctrd micro pyrite inclusions, SCTRD LT GSY STN, GSY SHEEN, NSFO, FR ODR

Lm- Cream Off White, F-Med XLN, dense, granular, massive, most poorly developed, sl fsl, most w/ sctrd XLN porosity, few w/ sctrd sparry cement & few small clear crystal inclusions w/ minimal effective porosity, clean & barren

Lm- Cream Off White, Med XLN, massive, granular, fsl & sl oolitic, dense & well cemented, dolomitic, fn ppt porosity, few chips w/ SCTRD FLAKEY DO STN, NO ODR

Lm- Cream VF-FXLN, dense, mix of semi-brittle sub crypto XLN & dense well cemented w/ sctrd micro XLN porosity, very clean

Lm- Tan Buff, FXLN, dense, well cemented, tight w/ minimal vis. porosity, chips of sharp angular bedded chert

Sh- Black Gray Lm Green, fissile, well compacted, thin gray slivers

Sh- Brown White, gritty & earthy, sctrd soft white chalk

Lm- Cream Tan, F-Crs XLN, mostly dense & well cemented w/ minimal vis. porosity, few chips of dense algal Ls, & few chips fsl & oolitic w/ vuggy interoolite porosity w/ recrystallization w/in, LT SCTRD RESIDUAL STN, NSFO, VRY FNT ODR

Sh- Gray Lm Green, dense, calcareous

Lm- Cream, FXLN, dense, vry well cemented, sl cherty, sctrd to consistant vry fn ppt porosity, DRK STN, NSFO, FR ODR

Sh- Gray Lm Green Maroon, dense & blocky, well compacted, some maroon wash

Lm- Cream Tan, FXLN, dense, vry well cemented, moderately well developed w/ sctrd vuggy porosity, MOSTLY SAT DRK STN, NSFO, FR ODR

Sh- Black Brown Lm Green, dense & slick, well compacted, sl waxy, gritty & earthy

Lm- Cream Off White, FXLN, oolitic & sl oolitic, sctrd partial skeletal dissolution, poorly connected, ppt to sctrd vuggy porosity, SCTRD BLACK BAKED RESIDUAL STN, NSFO, FNT PUNGENT ODR

Lm- Tan Brown Cream, Fn grn & FXLN, sl trashy, dense, well cemented, mostly tight w/ vry fn ppt & sctrd XLN porosity, 1 CHIP W/ SAT STN, NSFO, NO ODR,

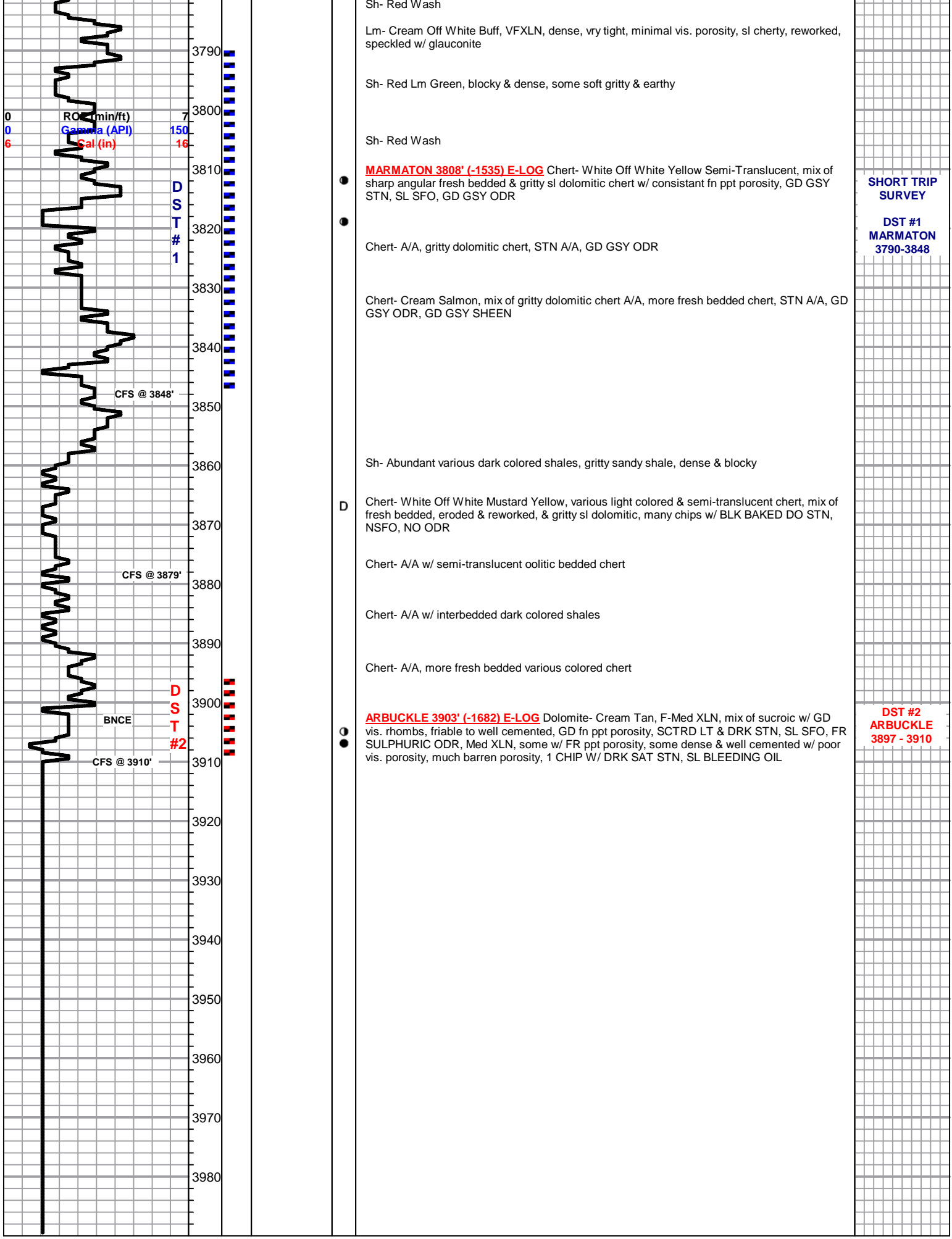
Sh- Gray Brown, thin gray slivers & brown gummy argillaceous clumps

Lm- Cream Tan Buff, F-Med XLN, sl fsl, mix of loosely cemented & crumbley, tight FXLN, & dense algal Ls

BKC 3756' (-1535) E-LOG Sh- Gray Maroon Lm Green, thin slivers, maroon wash & massive & dense chips

Sh- A/A w/ red & purple sandy lime & shaley Ss

Lm- Cream Semi-Translucent Tan Buff, Med XLN, high energy fsl mix, loosely cemented & crumbley, dense fenestral XLN porosity, trashy, many fsl fragements & biomicrite, Ls conglomerate w/ interbedded red shale tint



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Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 29, 2012

Joe Smith
American Warrior, Inc.
3118 Cummings Rd
PO BOX 399
GARDEN CITY, KS 67846

Re: ACO1
API 15-051-26392-00-00
Henman 1-21
SW/4 Sec.21-12S-20W
Ellis County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Joe Smith