



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1212179
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: _____

1212179

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	BCB Unit 1
Doc ID	1212179

Tops

Name	Top	Datum
Anhydrite	1529	704
Heebner	3688	-1455
Lansing	3732	-1499
Base Kansas City	4005	-1772
Pawnee	4108	-1875
Ft. Scott	4191	-1958
Cherokee	4206	-1973
Mississippian	4293	-2060
TD	4320	-2087



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67646

ATTN: Jason Alm

BCB Unit #1

20-17s-21w Ness,KS

Start Date: 2014.05.11 @ 22:43:48

End Date: 2014.05.12 @ 06:34:48

Job Ticket #: 58933 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.14 @ 17:19:23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City, KS 67646
ATTN: Jason Alm

20-17s-21w Ness,KS

BCB Unit #1

Job Ticket: 58933

DST#: 1

Test Start: 2014.05.11 @ 22:43:48

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:13:08
 Time Test Ended: 06:34:48
 Interval: **4303.00 ft (KB) To 4310.00 ft (KB) (TVD)**
 Total Depth: 4310.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Tate Lang
 Unit No: 49
 Reference Elevations: 2233.00 ft (KB)
 2227.00 ft (CF)
 KB to GR/CF: 6.00 ft

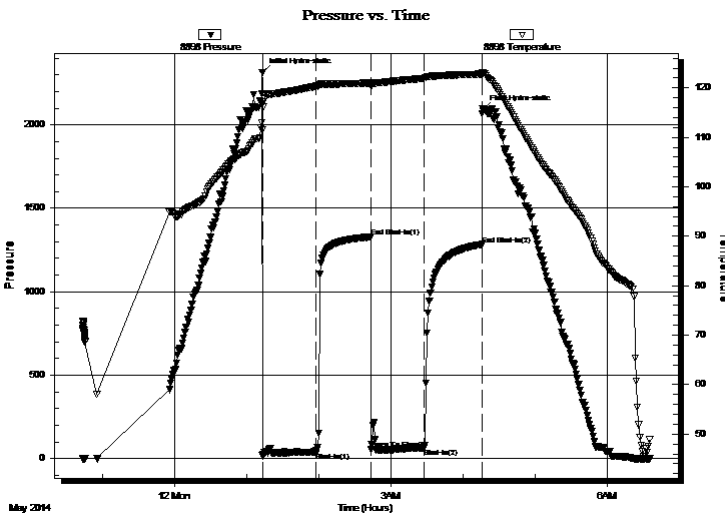
Serial #: 8898

Outside

Press@RunDepth: 62.70 psig @ 4307.00 ft (KB)
 Start Date: 2014.05.11 End Date: 2014.05.12
 Start Time: 22:43:49 End Time: 06:34:48
 Capacity: 8000.00 psig
 Last Calib.: 2014.05.12
 Time On Btm: 2014.05.12 @ 01:12:58
 Time Off Btm: 2014.05.12 @ 04:16:08

TEST COMMENT: Weak surface blow built to 2 1/2 in
 Dead no blow back
 Fair blow built to 4 1/4 in
 Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.64	113.08	Initial Hydro-static
1	17.28	111.50	Open To Flow (1)
45	40.24	120.32	Shut-In(1)
91	1328.01	121.03	End Shut-In(1)
91	55.61	120.40	Open To Flow (2)
135	62.70	121.97	Shut-In(2)
183	1283.75	122.81	End Shut-In(2)
184	2093.95	122.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WMO 80%O 10%W 10%M	0.59
10.00	WCMO 45%O 10%W 45%M	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

20-17s-21w Ness, KS

PO Box 399
Garden City, KS 67646

BCB Unit #1

Job Ticket: 58933

DST#: 1

ATTN: Jason Alm

Test Start: 2014.05.11 @ 22:43:48

Tool Information

Drill Pipe:	Length: 4161.00 ft	Diameter: 3.80 inches	Volume: 58.37 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 58.96 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4303.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4281.00	
Hydraulic tool	5.00			4286.00	
Jars	5.00			4291.00	
Safety Joint	2.00			4293.00	
Packer	5.00			4298.00	27.00 Bottom Of Top Packer
Packer	5.00			4303.00	
Stubb	1.00			4304.00	
Perforations	3.00			4307.00	
Recorder	0.00	8897	Inside	4307.00	
Recorder	0.00	8898	Outside	4307.00	
Bullnose	3.00			4310.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

20-17s-21w Ness, KS

PO Box 399
Garden City, KS 67646

BCB Unit #1

Job Ticket: 58933

DST#: 1

ATTN: Jason Alm

Test Start: 2014.05.11 @ 22:43:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.97 in³

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 bbf
120.00	WMCO 80%O 10%W 10%M	0.590
10.00	WCMO 45%O 10%W 45%M	0.140

Total Length: 130.00 ft Total Volume: 0.730 bbf

Num Fluid Samples: 0

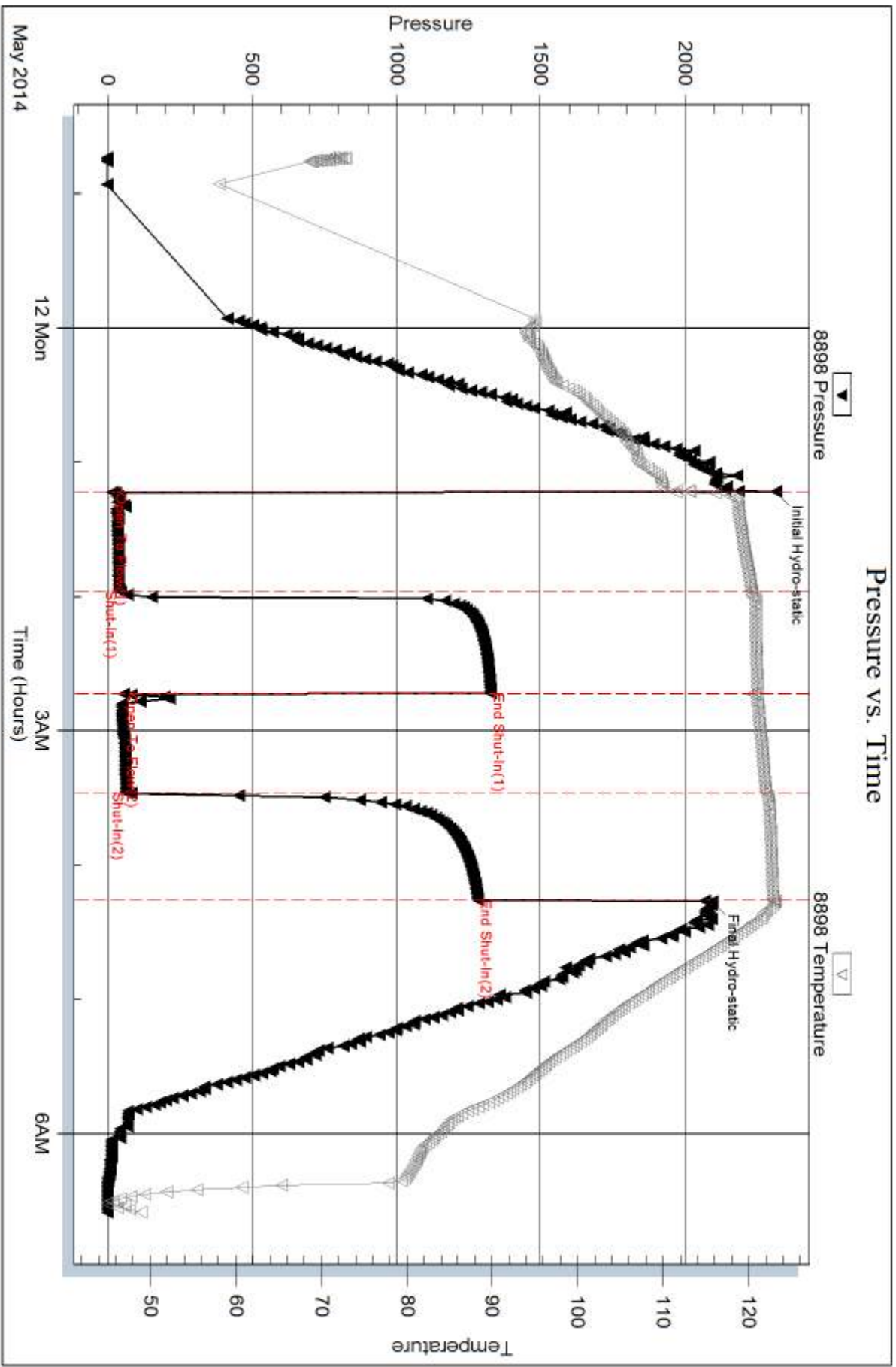
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



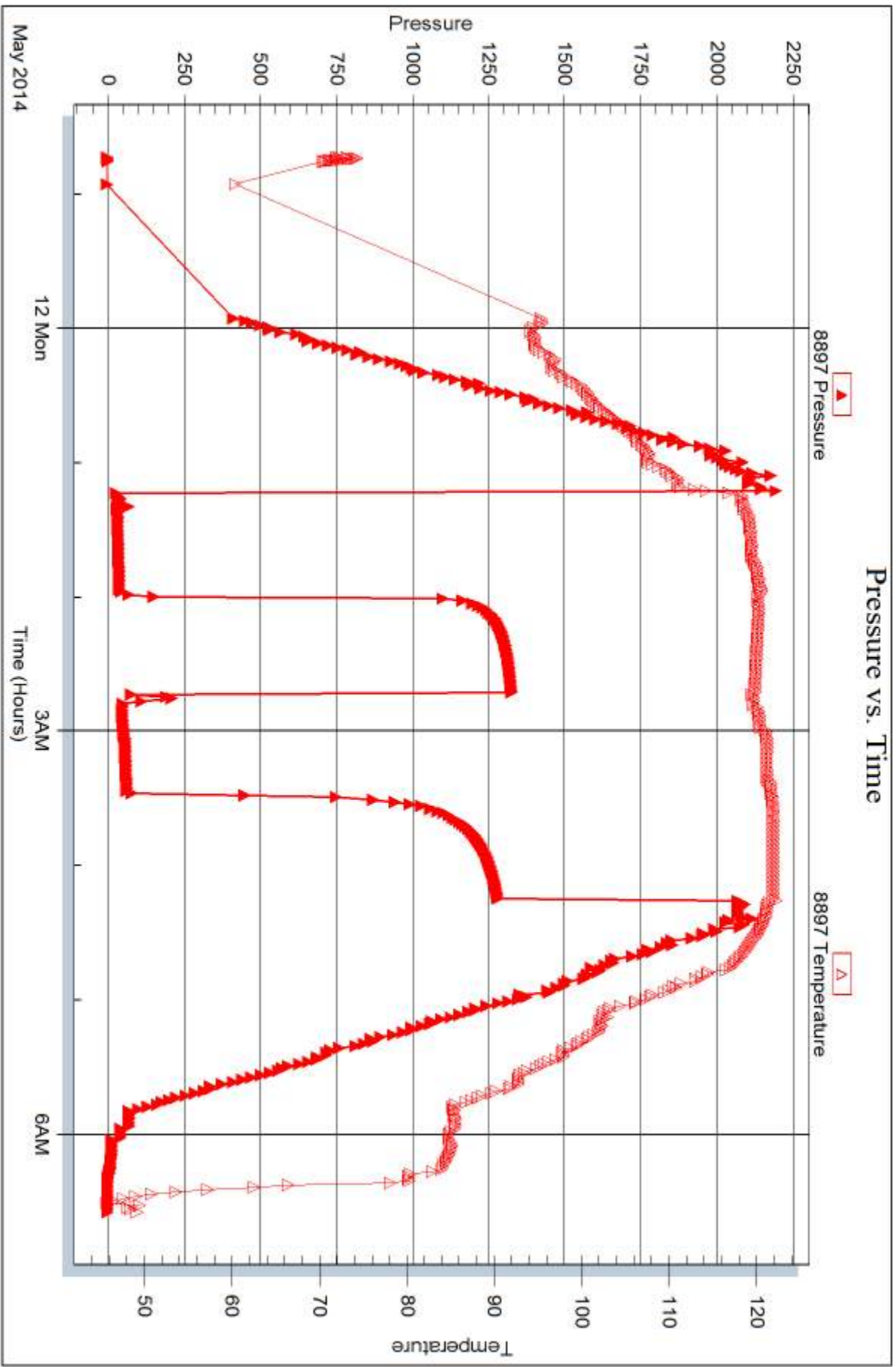
Serial #: 8897

Inside

American Warrior Inc.

BCB Unit #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 58933

Printed: 2014.05.14 @ 17:19:24



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67646

ATTN: Jason Alm

BCB Unit #1

20-17s-21w Ness,KS

Start Date: 2014.05.12 @ 13:06:49

End Date: 2014.05.12 @ 20:24:28

Job Ticket #: 58934 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.05.14 @ 17:18:47



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City, KS 67646
ATTN: Jason Alm

20-17s-21w Ness,KS

BCB Unit #1

Job Ticket: 58934

DST#: 2

Test Start: 2014.05.12 @ 13:06:49

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:25:59
 Time Test Ended: 20:24:28
 Interval: **4310.00 ft (KB) To 4320.00 ft (KB) (TVD)**
 Total Depth: 4320.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 49
 Reference Elevations: 2233.00 ft (KB)
 2227.00 ft (CF)
 KB to GR/CF: 6.00 ft

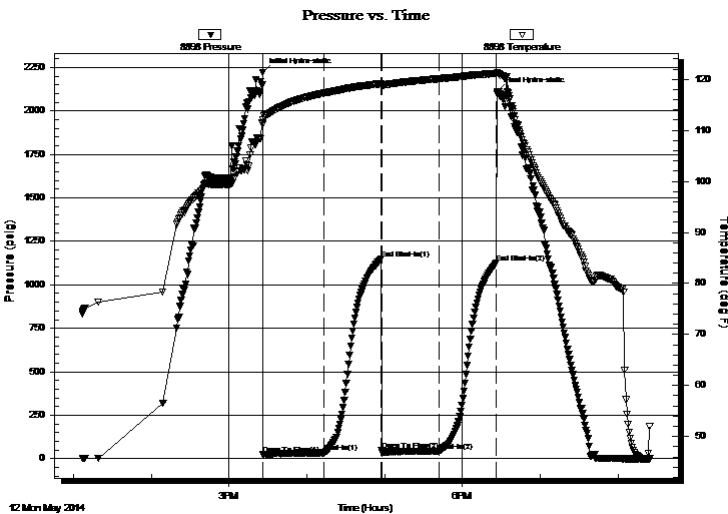
Serial #: 8898

Outside

Press@RunDepth: 43.69 psig @ 4317.00 ft (KB)
 Start Date: 2014.05.12 End Date: 2014.05.12
 Start Time: 13:06:50 End Time: 20:24:29
 Capacity: 8000.00 psig
 Last Calib.: 2014.05.12
 Time On Btm: 2014.05.12 @ 15:25:49
 Time Off Btm: 2014.05.12 @ 18:26:49

TEST COMMENT: Weak surface blow built to 2 1/2 in
 Dead no blow back
 Weak surface blow built to 2 3/4 in
 Dead no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2221.79	112.09	Initial Hydro-static
1	24.13	111.21	Open To Flow (1)
48	34.46	117.27	Shut-In(1)
92	1148.17	119.13	End Shut-In(1)
92	45.94	118.71	Open To Flow (2)
136	43.69	120.10	Shut-In(2)
181	1125.09	121.13	End Shut-In(2)
181	2111.46	121.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%Oil	0.07
45.00	OCM 20%O 80%M	0.22

* Recovery from multiple tests

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 67646
ATTN: Jason Alm

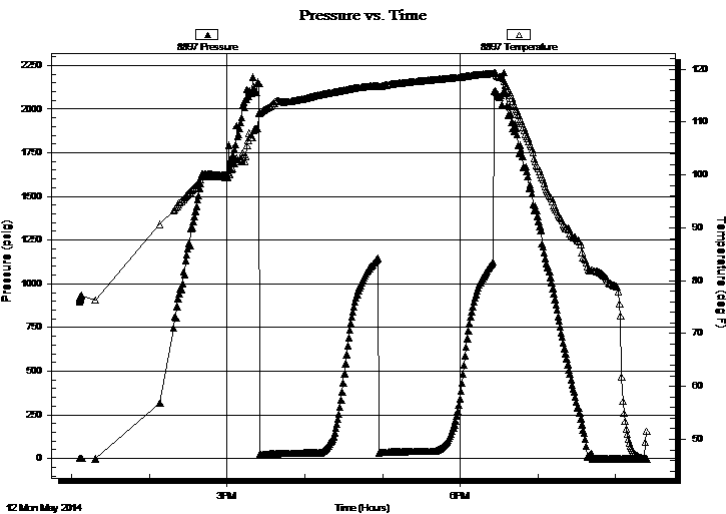
20-17s-21w Ness, KS
BCB Unit #1
Job Ticket: 58934 **DST#: 2**
Test Start: 2014.05.12 @ 13:06:49

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 15:25:59 Tester: Tate Lang
Time Test Ended: 20:24:28 Unit No: 49
Interval: 4310.00 ft (KB) To 4320.00 ft (KB) (TVD) Reference Elevations: 2233.00 ft (KB)
Total Depth: 4320.00 ft (KB) (TVD) 2227.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8897 Inside
Press@RunDepth: psig @ 4317.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.05.12 End Date: 2014.05.12 Last Calib.: 2014.05.12
Start Time: 13:06:10 End Time: 20:23:49 Time On Btm:
Time Off Btm:

TEST COMMENT: Weak surface blow built to 2 1/2 in
Dead no blow back
Weak surface blow built to 2 3/4 in
Dead no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%Oil	0.07
45.00	OCM 20%O 80%M	0.22

* 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.

20-17s-21w Ness, KS

PO Box 399
Garden City, KS 67646

BCB Unit #1

Job Ticket: 58934

DST#: 2

ATTN: Jason Alm

Test Start: 2014.05.12 @ 13:06:49

Tool Information

Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 59.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4310.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4288.00	
Hydraulic tool	5.00			4293.00	
Jars	5.00			4298.00	
Safety Joint	2.00			4300.00	
Packer	5.00			4305.00	27.00 Bottom Of Top Packer
Packer	5.00			4310.00	
Stubb	1.00			4311.00	
Perforations	6.00			4317.00	
Recorder	0.00	8897	Inside	4317.00	
Recorder	0.00	8898	Outside	4317.00	
Bullnose	3.00			4320.00	10.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

20-17s-21w Ness,KS

PO Box 399
Garden City, KS 67646

BCB Unit #1

Job Ticket: 58934

DST#: 2

ATTN: Jason Alm

Test Start: 2014.05.12 @ 13:06:49

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: sec/qt

Cushion Volume: bbl

Water Loss: 8.78 in³

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
15.00	100%Oil	0.074
45.00	OCM 20%O 80%M	0.221

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

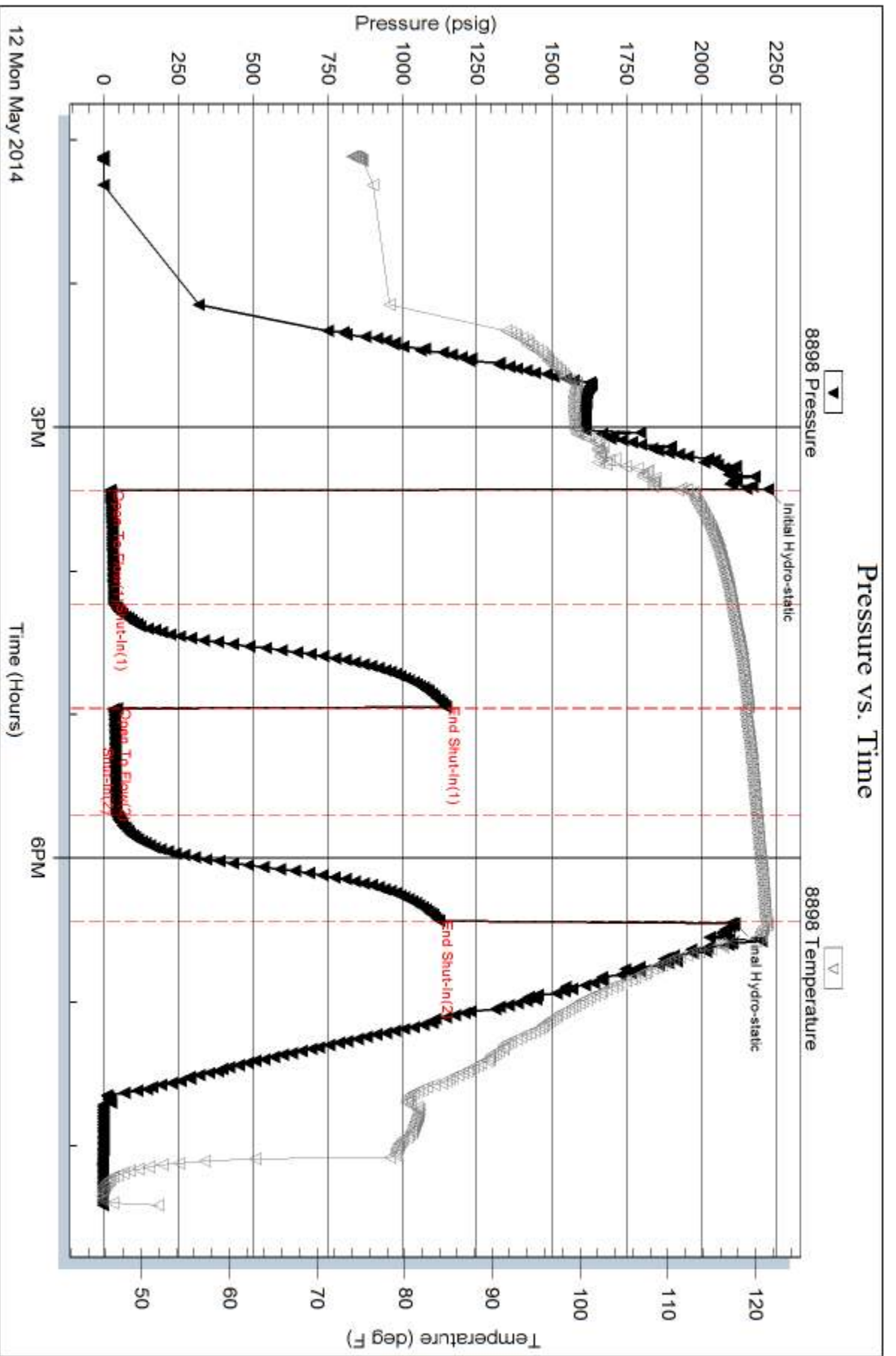
Recovery Comments:

Serial #: 8898

Outside American Warrior Inc.

BCB Unit #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 58934

Printed: 2014.05.14 @ 17:18:48

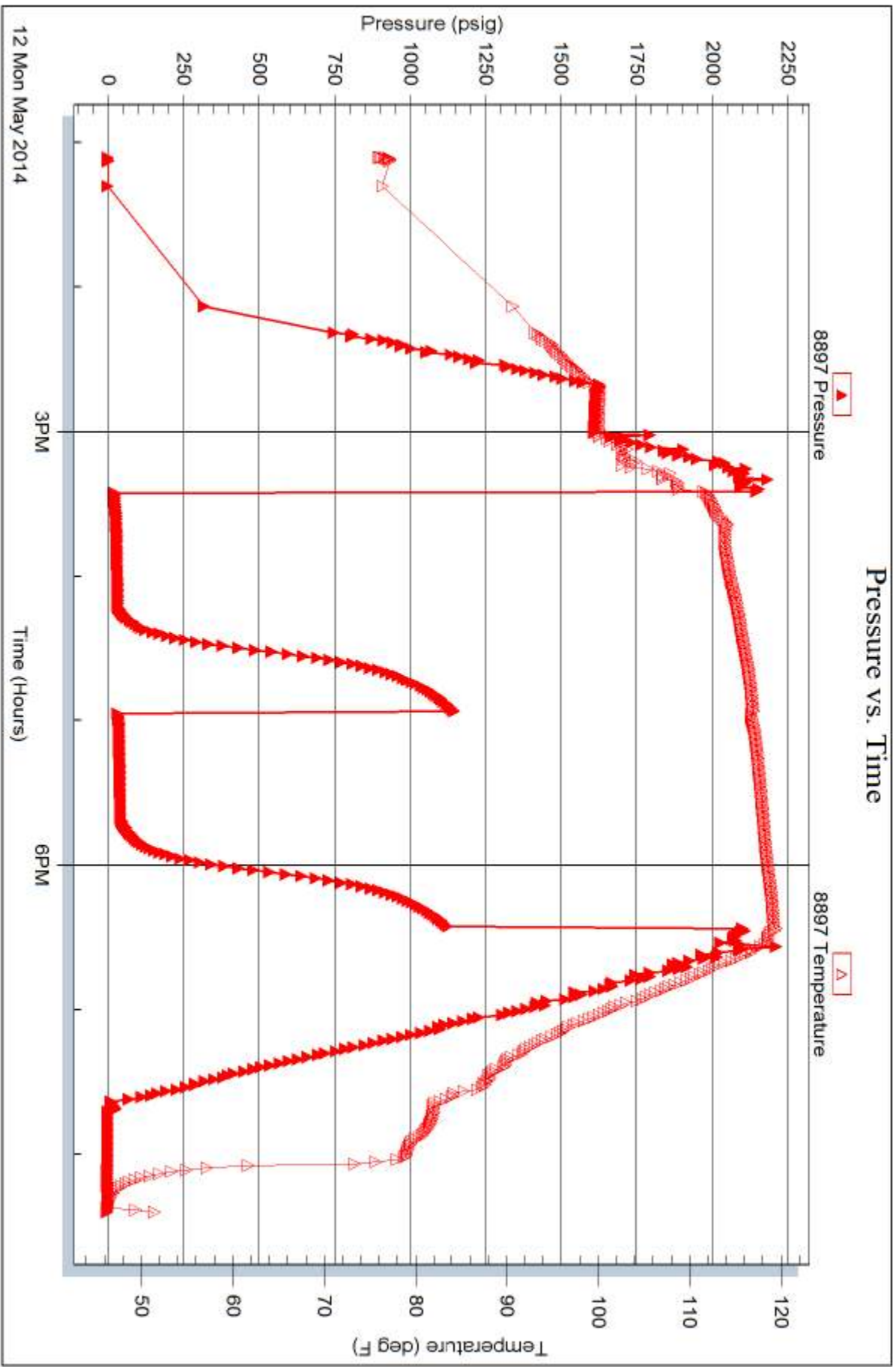
Serial #: 8897

Inside

American Warrior Inc.

BCB Unit #1

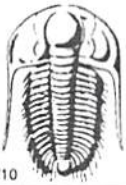
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 58934

Printed: 2014.05.14 @ 17:18:48



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58933

4/10

Well Name & No. BCB Unit #1 Test No. 1 Date 5-11-14
 Company American Warrior Inc Elevation 2233 KB 2227 GL
 Address 3118 Cummings Rd PO Box 399 Garden City MS 39746
 Co. Rep / Geo. Susan Alm Rig Petromark Rig #1
 Location: Sec. 20 Twp. 17S Rge. 21W Co. Ness State MS

Interval Tested 4303 4310 Zone Tested Miss
 Anchor Length 7' Drill Pipe Run 4161 Mud Wt. 9.5
 Top Packer Depth 4298 Drill Collars Run 120 Vis 54
 Bottom Packer Depth 4303 Wt. Pipe Run 0 WL 8.0
 Total Depth 4310 Chlorides 3000 ppm System LCM TR

Blow Description Wealth surface blow built to 2 1/2 in
Dead no blow back
Fair blow built to 4 1/4 in
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>120</u>	Feet of <u>Wmco</u>	%gas	<u>80</u> %oil	<u>10</u> %water	<u>10</u> %mud
Rec <u>10</u>	Feet of <u>Wcmo</u>	%gas	<u>45</u> %oil	<u>10</u> %water	<u>45</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 130 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2315 Test 1250 T-On Location 22:00
 (B) First Initial Flow 17 Jars 250 T-Started 22:43
 (C) First Final Flow 40 Safety Joint 75 T-Open 01:12
 (D) Initial Shut-In 1328 Circ Sub _____ T-Pulled 04:12
 (E) Second Initial Flow 56 Hourly Standby _____ T-Out 06:43
 (F) Second Final Flow 63 Mileage 99 R/H 153.45 Comments _____
 (G) Final Shut-In 1284 Sampler _____
 (H) Final Hydrostatic 2094 Straddle _____
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1728.45

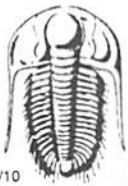
Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 48

Sub Total 0
 Total 1728.45
 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. 58934

Well Name & No. BCB Unit #1 Test No. 2 Date 5-12-14
 Company American Warrior Inc Elevation 2233 KB 2227 GL
 Address _____
 Co. Rep / Geo. Sason Alm Rig Petromark #1
 Location: Sec. 20 Twp. 17S Rge. 21W Co. Ness State KS

Interval Tested 4310 4320 Zone Tested Miss.
 Anchor Length _____ Drill Pipe Run 4191 Mud Wt. 9.4
 Top Packer Depth _____ Drill Collars Run 120 Vis 60+
 Bottom Packer Depth _____ Wt. Pipe Run 0 WL 8.8
 Total Depth 4320 Chlorides 3000 ppm System LCM TR

Blow Description Weak surface blow built to 2 1/2 in
Dead no blow back
Weak surface blow built to 2 3/4 in
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>15</u>	Feet of <u>Oil</u>	%gas	<u>100%</u> oil	%water	%mud
Rec <u>45</u>	Feet of <u>OCM</u>	%gas	<u>20%</u> oil	%water	<u>80</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 60 BHT 121 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2222 Test 1250 T-On Location 12:00
 (B) First Initial Flow 24 Jars 250 T-Started 13:06
 (C) First Final Flow 34 Safety Joint 75 T-Open 15:26
 (D) Initial Shut-In 1148 Circ Sub _____ T-Pulled 18:26
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 20:24
 (F) Second Final Flow 44 Mileage 153.45 Comments _____
 (G) Final Shut-In 1125 Sampler _____
 (H) Final Hydrostatic 2111 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1728.45
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1728.45

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.

Geological Report

American Warrior, Inc.
BCB Unit #1
1150' FSL & 220' FWL
Sec. 20 T17s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
BCB Unit #1
1150' FSL & 220' FWL
Sec. 20 T17s R21w
Ness County, Kansas
API # 15-135-25761-0000

Drilling Contractor: Petromark Drilling, LLC. Rig #1

Geologist: Jason T Alm

Spud Date: May 4, 2014

Completion Date: May 12, 2014

Elevation: 2227' Ground Level
2233' Kelly Bushing

Directions: Bazine KS, East ½ mi. to EE Rd. North 7 mi. East
into location.

Casing: 221' 8 5/8" surface casing
4317' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Pioneer Energy Services "Daylan Kerr"
CNL/CDL, DIL

Drillstem Tests: Trilobite Testing, Inc. "Tate Lang"

Problems: Lost Circulation around 4285'.

Remarks: None

Formation Tops

Formation	American Warrior, Inc.
	BCB Unit #1
	Sec. 20 T17s R21w
	1150' FSL & 220' FWL
Anhydrite	1529', +704
Base	1564', +669
Heebner	3688', -1455
Lansing	3732', -1499
BKc	4005', -1772
Pawnee	4108', -1875
Fort Scott	4191', -1958
Cherokee	4206', -1973
Mississippian	4293', -2060
LTD	4318', -2085
RTD	4320', -2087

Sample Zone Descriptions

Mississippian Osage (4300', -2067): **Covered in DST #1 & 2**

Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, very heavy slightly triptolic chert, mostly angular with fair to good vuggy porosity, light to fair oil stain with scattered light saturation, show of free oil, good odor, fair yellow fluorescents, 25 units hotwire.

Drill Stem Tests

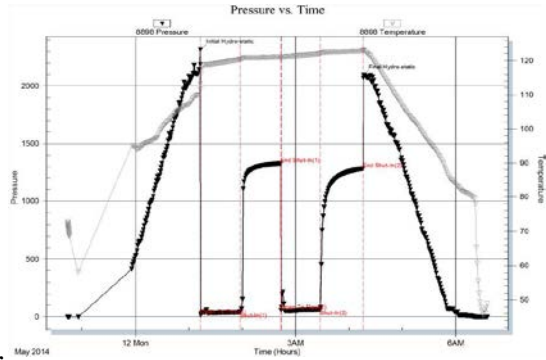
Trilobite Testing, Inc.
"Tate Lang"

DST #1 Mississippian Osage

Interval (4303' – 4310') Anchor Length 7'

IHP	- 2315 #	
IFP	- 45" – Built to 2 ½ in.	17-40 #
ISI	- 45" – Dead	1328 #
FFP	- 45" – Built to 4 ½ in.	55-63 #
FSI	- 45" – Dead	1284 #
FHP	- 2094 #	
BHT	- 123°F	

Recovery: 10' WCMO 45% Oil, 10% Water
 120' WMCO 80% Oil, 10% Water

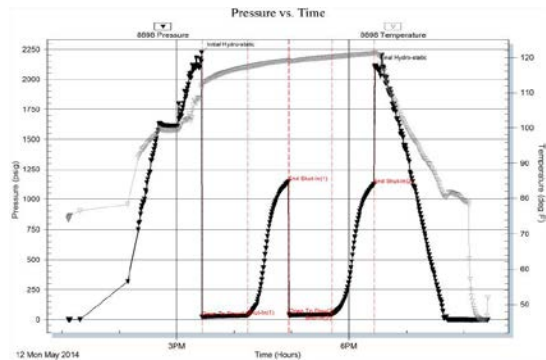


DST #2 Mississippian Osage

Interval (4310' – 4320') Anchor Length 10'

IHP	- 2222 #	
IFP	- 45" – Built to 2 ½ in.	17-40 #
ISI	- 45" – Dead	1148 #
FFP	- 45" – Built to 2 ¾ in.	45-44 #
FSI	- 45" – Dead	1125 #
FHP	- 2111 #	
BHT	- 121°F	

Recovery: 15' Clean Oil
 45' OCM 20% Oil



Structural Comparison

	American Warrior, Inc. BCB Unit #1 Sec. 20 T17s R21w 1150' FSL & 220' FWL	William N Bucklin Brenner #3 Sec. 20 T17s R21w 660' FSL & 4950' FEL		ARES Energy Brenner #20-12 Sec. 20 T17s R21w 1555' FSL & 1139' FWL	
Formation					
Anhydrite	1529', +704	NA	NA	NA	NA
Base	1564', +669	NA	NA	NA	NA
Heebner	3688', -1455	3683', -1460	(+5)	3706', -1466	(+11)
Lansing	3732', -1499	3730', -1507	(+8)	3750', -1510	(+11)
BKc	4005', -1772	4002', -1779	(+7)	NA	NA
Pawnee	4108', -1875	4104', -1881	(+6)	4123', -1883	(+8)
Fort Scott	4191', -1958	4192', -1969	(+11)	NA	NA
Cherokee	4206', -1973	4204', -1981	(+8)	NA	NA
Mississippian	4293', -2060	4293', -2070	(+10)	4292', -2052	(-8)

Summary

The location for the BCB Unit #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two Drill Stem Tests were conducted both of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the BCB Unit #1 well.

Recommended Perforations

Mississippian Osage

4300' – 4310'

DST #1,2

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.

ALLIED OIL & GAS SERVICES, LLC 062922

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Great Bend, KS

DATE <u>5-14</u>	SEC. <u>20</u>	TWP. <u>17S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>4:30pm</u>	JOB START <u>9:30pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>BCB</u> WELL # <u>1</u>			LOCATION <u>Amzine EERD 7.3W</u>		COUNTY <u>NESS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			E INTO				

CONTRACTOR Parramark #1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D.
 CASING SIZE 6 5/8 DEPTH 221.36
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15 ft
 PERFS.
 DISPLACEMENT 13.14 bbls Freshwater

EQUIPMENT
 PUMP TRUCK CEMENTER Dustin Chambers
 # 366 HELPER Josh Ellis
 BULK TRUCK
 # 871-112 DRIVER Kevin Weighes
 BULK TRUCK
 # DRIVER

REMARKS:

Breaker circulating with Rig mud pump 5 bbls Freshwater Ahead mix 150 lbs cement Displace 13.14 bbls H2O & shut in Cement did circulate plug down 9:30 pm Rig Down

CHARGE TO: American Warrior
 STREET
 CITY STATE ZIP

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 x Adrian Lemcz
 SIGNATURE x Adrian Lemcz
Thank You!!

OWNER
 CEMENT
 AMOUNT ORDERED 150 SKS Class A
34 cc 24 gel
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
 HANDLING @
 MILEAGE
 TOTAL

SERVICE
 DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD @
 TOTAL

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 @
 TOTAL

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

Date 5-5-14 District 20 Ticket No. 62922
 Company American Well Rig permark
 Lease BEB unit Well No. 1
 County Wes State KS
 Location Bazire EERC 5N Field _____
FLINT

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 7/8 Type NEW Weight 24# Collar 50#

Casing Depths: Top 153 Bottom 221.36

Drill Pipe: Size 4 1/2 Weight 16.6 Collars X-45E
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 26.77 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. 101.12 Lin. ft./Bbl. 72.72
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh water
 Amt. 56615 Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Pump Time _____ hrs. Type CLASS A
3:16 2:19 Excess _____
 Amt. 150 Sks Yield 1.74 ft³/sk Density 15.2 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 366-505E
 Bulk Equip. 871-112-Kevin W

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh water Amt. _____ Bbls. Weight 5.34 PPG
 Mud Type NATIVE Weight 4.2 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Dustin C

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
6:20 PM						DIV Location - Rig up Had 95 story mooring
5:20 PM						Run 566 casing Breakdown circulation with pig mud hook up cement pump
9:00 PM					56615	pump 56615 Freshwater Ahead
9:05 PM				40.71	35.71	Mix 150 Sks cement
9:20 PM				53.93	13.14	Displace 13.14 bbls Freshwater + 540 in
						Cement did circulate
9:30 PM						plug down 9:30 PM Rig Down



Services, Inc.

CHARGE TO: American War of
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 26211

PAGE 1 OF 2

1. SERVICE LOCATION: Wald, KS WELL/PROJECT NO: 41 LEASE: 823 unit COUNTY/PARISH: Neosho STATE: KC CITY: Bazine DATE: 13 May 14 OWNER:
 2. TICKET TYPE: SERVICE CONTRACTOR: PERFORMANCE RIG NAME NO: 1 SHIPPED: WET DELIVERED TO: location ORDER NO.
 3. WELL TYPE: oil WELL CATEGORY: Development JOB PURPOSE: Development WELL PERMIT NO. WELL LOCATION: 20-17-21
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	25	mi			6.00	1500.00
578		1			Pump Charge	1	ea			1500.00	1500.00
402		1			Centralizer	5	in	5	ea	90.00	350.00
403		1			Concrt Basket	5	in	2	ea	300.00	600.00
404		1			Root collar	5	in	1	ea	2900.00	2900.00
406		1			Latch down plug & handle	5	in	1	ea	275.00	275.00
407		1			Inset Flat shoe/AUTO FILL	5	in	1	ea	375.00	375.00
					Rotary head	5	in	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

DATE SIGNED: _____ TIME SIGNED: _____ A.M. P.M.

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

SURVEY: 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?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 6150.00
 TAX: 5543.00
 TOTAL: 11693.00

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: Bill APPROVAL

SWIFT OPERATOR

Thank You!

JOB LOG

SWIFT Services, Inc.

13 MAY 19

DATE 26211 PAGE NO.

CUSTOMER American Well Co WELL NO. #1 LEASE BCB UNIT JOB TYPE cement lay string TICKET NO. 26211

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk EA-2 cement w/ 1/4" floccula TD 4320' 15.3" x 5.5" casing - 4823' Shoe pt 47.56' Casing loss 1, 2, 3, 4, 66-105, 15- Basket '5, 67 Port collar #67 1526'
	0800							on loc TRK 114
	0915							start 5.5" x 15.5" casing in well
	1107							Drop ball - circulate - ROTATE
	1149	3	12			200		Pump 500 gal mud flush
		3	20			200		Pump 20 bbl KCL flush
			7					Plug RH - 30 sk
	1200	3 1/2	35			200		Mix EA-2 cement 145 sk @ 15.3 ppm
								Drop latch drum plug
								Wash out Pump & lines
	1220	6				200		Displace plug
		6	95			550		
	1245	6	102			1500		Hand plug
								Release pressure to truck - chisel up
	1250							wash truck
								Pack up
								job complete
								Thank Blair, Flatting



CHARGE TO: American Martine
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET 26326

PAGE 1 OF 1

SERVICE LOCATIONS: Amity KS WEL/PROJECT NO: 21 LEASE: BED unit COUNTY/PARISH: NEVO STATE: KS CITY: Bazine DATE: 30 MAY 14 OWNER: _____
 TICKET TYPE: SERVICE SALES CONTRACTOR: _____ RIG NAME/NO.: _____ SHIPPED VIA: BT DELIVERED TO: location ORDER NO.: _____
 WELL TYPE: oil WELL CATEGORY: HD JOB PURPOSE: Development cement port case WELL PERMIT NO.: _____ WELL LOCATION: _____
 REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	20	mi			6.00	120.00
576D					Pump Charge	1	ea			1500.00	1500.00
330					SMB cement	125	ea			12.50	1562.50
276					Flare	2	ea			42.00	84.00
290					D-xie	1	ea			225.00	225.00
123					TSU reduce charge	1	ea			350.00	350.00
124					TSU Reduce P-t	1	ea			200.00	200.00
582					Dragee (win)	1	ea			2.00	2.00
581					Service charge	175	ea			2.00	350.00

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: Scott TIME SIGNED: 1:00
 P.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 5516 50
 TAX: 7.655% 190 43
 TOTAL: 5506 93

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: OK APPROVAL: _____
 SWIFT OPERATOR: _____
 Thank You!

