



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1153197
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: _____



1153197

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: <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> <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	Goodman 4-34
Doc ID	1153197

All Electric Logs Run

Induction
porosity
Micro
Sonic

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Goodman 4-34
Doc ID	1153197

Tops

Name	Top	Datum
Anhy	1717'	+757
B/Anhy	1730'	+744
Heebner	3780'	-1306
Lansing	3822'	-1348
Stark	4102'	-1738
B/KC	4212'	-1738
Marmaton	4239'	-1765
Pawnee	4328'	-1854
Mississippian	4456'	-1982

Geological Report

American Warrior, Inc.

Goodman #4-34

2250' FNL & 335' FWL

Sec. 34, T20s, R26w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Goodman #4-34
2250' FNL & 335' FWL
Sec. 34, T20s, R26w
Ness County, Kansas
API # 15-135-25596-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: May 28, 2013

Completion Date: June 6, 2013

Elevation 2463' G.L.
2474' K.B.

Directions: From Beeler, KS. Go East on Hwy 96 1 mile to C Rd. Go South 10 miles to 20 Rd. Continue South on C Rd ½ mile. East into location.

Casing: #24 8 5/8" surface casing @ 218 with 150 sacks Class A, 3% c.c, 2% gel. # 15.5 5 ½" production casing @ 4544' with 125 sacks EA-2. Port Collar @ 1697'.

Samples: 3700' to RTD 10' Wet & Dry

Drilling Time: 3700' to RTD

Electric Logs: Pioneer-Stacked-Micro "J. Henrickson"

Drillstem Tests: One, Trilobite Testing, Inc. "Bradley Walter"

Problems: None

Formation Tops

	American Warrior, Inc. Goodman #4-34 Sec. 34, T20s, R26w 2250' FNL & 335' FWL 1717' +757 1730' +744 3780' -1306 3822' -1348 4102' -1628 4212' -1738 4239' -1765 4328' -1854 4363' -1889 4388' -1914 4456' -1982 4550' -2076 4550' -2076
Formation	
Anhydrite	
Base	
Heebner	
Lansing	
Stark	
BKC	
Marmaton	
Pawnee	
Fort Scott	
Cherokee	
Mississippian	
RTD	
LTD	

Sample Zone Descriptions

Mississippian Warsaw (4456' -1982) Covered in DST #1

Dolomite tan/grey. Sub crystalline. Good vuggy porosity and fair intercrystalline porosity. Slightly sucrosic. Fair stain. Poor saturation. Show of free oil when broken. Fair odor.

Drill Stem Tests
 Trilobite Testing Inc.
 "Bradley Walter"

DST #1

Mississippian Warsaw

Interval (4407' – 4473') Anchor Length 66'

IHP	- 2184 #	
IFP	- 45" – BOB in 30 min	35-163 #
ISI	- 45" – No Return	954 #
FFP	- 45" – BOB in 44 min	167-199 #
FSIP	- 45" – Surface return	849 #
FHP	- 2128 #	
BHT	- 126	

Recovery: 280' GOCM (30% Oil)
 120' OWCM (10% Oil)

Structural Comparison

Formation	American Warrior, Inc. Goodman #4-34 Sec. 34, T20s, R26w 2250' FNL & 335' FWL	American Warrior, Inc. Goodman #2-34 Sec. 34, T20s, R26w 2453' FSL & 1065' FWL	American Warrior, Inc. Goodman #3-34 Sec 34, T20s, R26w 2129' FNL & 1700' FWL
Heebner	3780' -1306	FL 3764' -1306	+3 3750' -1309
Lansing	3822' -1348	FL 3806' -1348	+2 3791' -1350
Stark	4102' -1628	+6 4092' -1634	NA 4092' -1651
BKC	4212' -1738	-1 4195' -1737	+6 4185' -1744
Marmaton	4239' -1765	-1 4224' -1766	+7 4213' -1772
Pawnee	4328' -1854	-6 4306' -1848	+2 4297' -1856
Fort Scott	4363' -1889	-5 4342' -1884	+5 4335' -1894
Cherokee	4388' -1914	-6 4366' -1908	+5 4360' -1919
Miss.	4456' -1982	-3 4437' -1979	+13 4436' -1995

Summary

The location for the Goodman #4-34 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted which did recover commercial quantities of oil from the Mississippian Warsaw formation. After all the gathered data had been examined the decision was made to run 5 ½" production casing to further evaluate the Goodman #4-34 well.

Perforations

Primary:	Warsaw	4456' – 4462'
Perf & Squeeze:	Warsaw	4470' – 4472'

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

ALLIED OIL & GAS SERVICES, LLC 060504

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Georgetown KS

DATE <u>5-28-13</u>	SEC. <u>34</u>	TWP. <u>20</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30</u>	JOB FINISH <u>6:30</u>
LEASE <u>Goodman</u>	WELL # <u>4-341</u>		LOCATION <u>Beeler 12 1/2 S Finco</u>	COUNTY <u>Wes</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Dick Drilling #5
 TYPE OF JOB Surface
 HOLE SIZE 17 1/2 I.D.
 CASING SIZE 4 1/2 DEPTH 219
 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 12.93 bbls Freshwater

OWNER
 CEMENT AMOUNT ORDERED 150 cks Class A 3% IC
2 1/2 gal

EQUIPMENT
 PUMP TRUCK CEMENTER Jack Isaac
 # 366 HELPER Mike Sathorn
 BULK TRUCK
 # 341 DRIVER Don Casper
 BULK TRUCK
 # DRIVER Dustin Chabert

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		
HANDLING	<u>1162.09</u>	@	<u>2.48</u>	<u>401.98</u>
MILEAGE	<u>7.4 x 28</u>	@	<u>2.60</u>	<u>538.72</u>
				TOTAL <u>4016.90</u>

REMARKS:
Break circulation with rig mud
Pump 5 Freshwater
mix 150 class A 3% 2%
Displ. 12.93 Freshwater
start in
Cement did Circulate
plug down 4pm
plug down 8:30pm

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

SERVICE

DEPTH OF JOB	<u>218</u>			
PUMP TRUCK CHARGE				<u>1512.25</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>HVM 28</u>	@	<u>7.70</u>	<u>215.60</u>
MANIFOLD		@		
	<u>LVM 28</u>	@	<u>4.40</u>	<u>123.20</u>
				TOTAL <u>1851.05</u>

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.

PLUG & FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
TOTAL _____			

PRINTED NAME KENNETH M'GUIRE
 SIGNATURE Kenneth McGuire
Thank you !!

SALES TAX (If Any) _____
 TOTAL CHARGES 5866.95
 DISCOUNT -1466.74 IF PAID IN 30 DAYS
\$ 4,400.21



CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 25002

PAGE 1 OF 2

SERVICE LOCATIONS: 1. **NESS CITY, KS.**
 WELL/PROJECT NO.: **GOODMAN 4-34** LEASE: **NESS** COUNTY/PARISH: **NESS** STATE: **KS.** CITY: **BEELER, KS.** DATE: **5 JUN 13** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **DURE DRILLING RIG #5** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **52 LONGSTRING** WELL PERMIT NO.: WELL LOCATION: **125, E IUTO**
 4. 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					MILEAGE #115	30	MIL	6.00		180.00
578					PUMP CHARGE	1	HR	1500.00		1500.00
402					CENTRALIZERS	9	EA	70.00		630.00
403					CEMENT BASKETS	2	EA	285.00		570.00
404					PORT COLLAR	1	EA	1697	PT.	2650.00
406					LATCH DOWN PLUG & Baffle	1	EA	275.00		275.00
407					INSERT FLOAT SHADE W/AUTO FILL	1	EA	375.00		375.00
281					MUD FLUSH	500	92	1.25		625.00
221					LIQUID KCL	2	92	25.00		50.00
419					ROTATING HEAD RENTAL	1	HR	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
 DATE SIGNED: **5 JUN 13** TIME SIGNED: **0900** 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	1	7055.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				2	4666.00	
WE UNDERSTOOD AND MET YOUR NEEDS?				sub total	11721.00	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				ness TAX	593.26	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				6.3%		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	12,314.88	
<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: *[Signature]* Thank You!



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

TICKET CONTINUATION

TICKET No. 25002

CUSTOMER AMERICAN WARRIOR WELL GOODMAN 4-34 DATE 5 JUN 13 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DP								
276						FLOCELE	50	lbs			2 ⁰⁰	100 ⁰⁰
283						SALT	900	lbs			2 ⁰⁰	180 ⁰⁰
284						CAUSEAL	8	sk			35 ⁰⁰	280 ⁰⁰
292						HALAD 322	125	lbs			7 ²⁵	908 ⁷⁵
290						D-AIR	1 1/2	sqz			42	63 ⁰⁰
325						STANDARD CEMENT EA2	175	sk			14 ⁰⁰	2450 ⁰⁰
581						SERVICE CHARGE					2 ⁰⁰	350 ⁰⁰
583						MILEAGE CHARGE	18325	TOTAL WEIGHT	LOADED MILES 30	CUBIC FEET	1 ⁰⁰	274 ⁸⁷
											274.87	

CONTINUATION TOTAL 4666.62

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI) TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
				T	C			
0730								ON LOCATION
0750								START PIPE - 5' x 15.5" RTD @ 4550 SET @ 4500 SHAFT 21.12' CENTRALIZERS 1, 2, 3, 4, 5, 6, 7, 8, 67 BASKETS 2, 6, 8 PORT VALVE # 6, 8 @ 11, 697
								DROP BALL - CIRCULATE
0730	4	12		✓			300	Pump 500 gal mud FLUSH
	4	20		✓			300	Pump 200 gal KEL FLUSH
0736			7.5					PLUG RH (30sx) - MH (20sx)
0739	4			✓				MIX 125sx EA-2
0751								WASH OUT Pump & LINES
0754	6			✓				START DISPLACING PLUG
0812			108				1500	PLUG DOWN - LATCH PLUG IN
0814								RELEASE RI-DEY
0816								WASH TRUCK
0900								JOB COMPLETE
								THANKS #115
								THANKS SEFF 53002

CUSTOMER: American Water | WELL NO.: | LEASE: Goodman 434 | JOB TYPE: SLOWSTRING | TICKET NO.: 25002



CHARGE TO: **AMERICAN WARRIOR**
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 25013

PAGE 1 OF 1

SERVICE LOCATIONS: 1. **NESS CITY, KS**
 WELL/PROJECT NO.:
 LEASE: **GOODMAN 4-34** COUNTY/PARISH: **NESS** STATE: **KS.** CITY: **BEELER, KS.** DATE: **24 JUN 13** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **HD OILFIELD SERU.** RIG NAME/NO.: SHIPPED VIA: DELIVERED TO: ORDER NO.:
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **APLUDIZE/SQUEEZE/PARTICULAR** WELL PERMIT NO.: WELL LOCATION: **125 E INTO**
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE #11.5	35	MIL			60.00	2100.00
576D					Pump CHARGE		KOB			1500.00	1500.00
300					REGULAR ACID	250	gal	15%		11.75	4.3750
235					LUNIB-1	1	gal			40.00	40.00
105					PORT COLLAR OPENING TOOL	1	ft			350.00	350.00
276					FLOCELE	33	lbs			2.00	66.00
290					D-AIR	2	gal			42.00	84.00
286					HALAD-1	20	lbs			8.00	160.00
325					STANDARD CEMENT	50	bx			14.00	700.00
330					SMD CEMENT	125	bx			17.00	2125.00
581					CEMENT SERVICE CHARGE	250	bx			2.00	500.00
583					DRAYAGE	24440	lbs	427.7	TM	1.00	427.70

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 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 X
 DATE SIGNED: **21 JUN 13** TIME SIGNED: **1530** 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?				6600.00
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
				TOTAL

NESS TAX 6.3% 219.56
 TOTAL 6819.76

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!



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Goodman #4-34

34-20s-26w Ness,KS

Start Date: 2013.06.03 @ 20:57:00

End Date: 2013.06.04 @ 05:09:45

Job Ticket #: 53242 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.07 @ 08:16:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

34-20s-26w Ness, KS

Goodman #4-34

Job Ticket: 53242

DST#: 1

Test Start: 2013.06.03 @ 20:57:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:26:45
 Time Test Ended: 05:09:45
 Interval: **4407.00 ft (KB) To 4473.00 ft (KB) (TVD)**
 Total Depth: 4473.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2474.00 ft (KB)
 2463.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8522

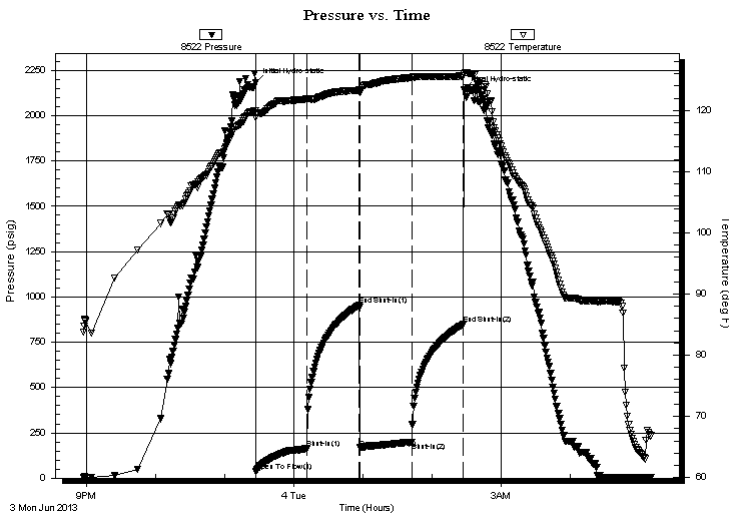
Outside

Press @ Run Depth: 199.28 psig @ 4408.00 ft (KB)
 Start Date: 2013.06.03 End Date: 2013.06.04
 Start Time: 20:57:05 End Time: 05:09:44

Capacity: 8000.00 psig
 Last Calib.: 2013.06.04
 Time On Btm: 2013.06.03 @ 23:26:30
 Time Off Btm: 2013.06.04 @ 02:27:45

TEST COMMENT: IF: BOB @ 30 min.
 IS: No return.
 FF: BOB @ 44 min.
 FS: No return.

PRESSURE SUMMARY



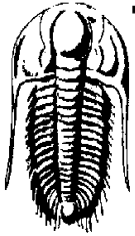
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.93	120.00	Initial Hydro-static
1	35.07	118.85	Open To Flow (1)
45	162.54	121.83	Shut-In(1)
90	954.18	123.29	End Shut-In(1)
91	166.73	122.96	Open To Flow (2)
136	199.28	125.34	Shut-In(2)
181	848.93	125.58	End Shut-In(2)
182	2141.25	126.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ow cm 10o 30w 60m	0.59
280.00	gocm 30g 30o 60m	1.98

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: Kevin Timson

34-20s-26w Ness, KS

Goodman #4-34

Job Ticket: 53242 **DST#: 1**

Test Start: 2013.06.03 @ 20:57:00

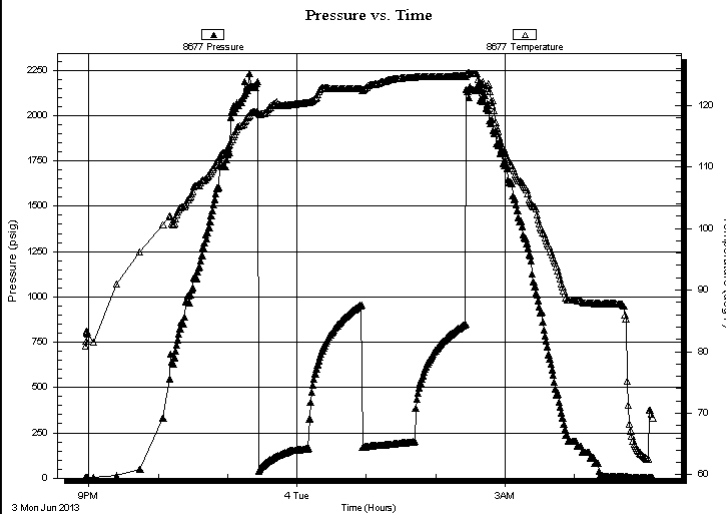
GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 23:26:45 Tester: Bradley Walter
Time Test Ended: 05:09:45 Unit No: 53
Interval: 4407.00 ft (KB) To 4473.00 ft (KB) (TVD) Reference Elevations: 2474.00 ft (KB)
Total Depth: 4473.00 ft (KB) (TVD) 2463.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 11.00 ft

Serial #: 8677 Inside

Press @ Run Depth: psig @ 4408.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.06.03 End Date: 2013.06.04 Last Calib.: 2013.06.04
Start Time: 20:57:05 End Time: 05:08:29 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB @ 30 min.
IS: No return.
FF: BOB @ 44 min.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ow cm 10o 30w 60m	0.59
280.00	gocm 30g 30o 60m	1.98

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: Kevin Timson

34-20s-26w Ness, KS
Goodman #4-34
 Job Ticket: 53242 **DST#: 1**
 Test Start: 2013.06.03 @ 20:57:00

Tool Information

Drill Pipe:	Length: 4115.00 ft	Diameter: 3.20 inches	Volume: 40.93 bbl	Tool Weight: 2500.00 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: 280.00 ft	Diameter: 2.25 inches	Volume: 1.38 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 42.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 71000.00 lb
Depth to Top Packer:	4407.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.00 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			4381.00	
Shut In Tool	5.00			4386.00	
Hydraulic tool	5.00			4391.00	
Jars	5.00			4396.00	
Safety Joint	2.00			4398.00	
Packer	5.00			4403.00	27.00 Bottom Of Top Packer
Packer	4.00			4407.00	
Stubb	1.00			4408.00	
Recorder	0.00	8677	Inside	4408.00	
Recorder	0.00	8522	Outside	4408.00	
Perforations	29.00			4437.00	
Change Over Sub	1.00			4438.00	
Drill Pipe	31.00			4469.00	
Change Over Sub	1.00			4470.00	
Bullnose	3.00			4473.00	66.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc

34-20s-26w Ness, KS

PO Box 399
Garden City, KS 67846

Goodman #4-34

Job Ticket: 53242

DST#: 1

ATTN: Kevin Timson

Test Start: 2013.06.03 @ 20:57:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	ow cm 10o 30w 60m	0.590
280.00	gocm 30g 30o 60m	1.981

Total Length: 400.00 ft Total Volume: 2.571 bbl

Num Fluid Samples: 0

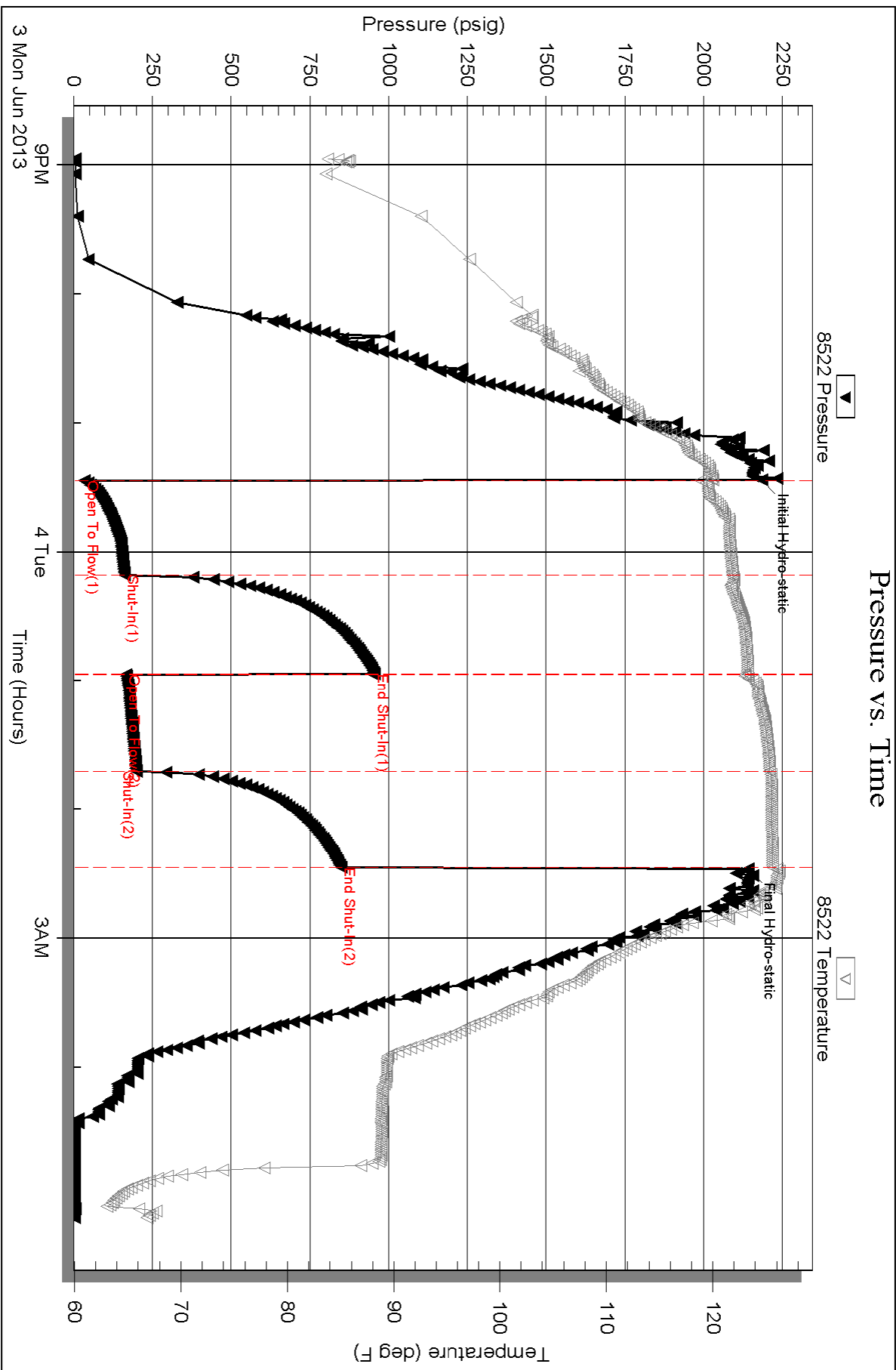
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw is .420 @ 62F = 19000ppm



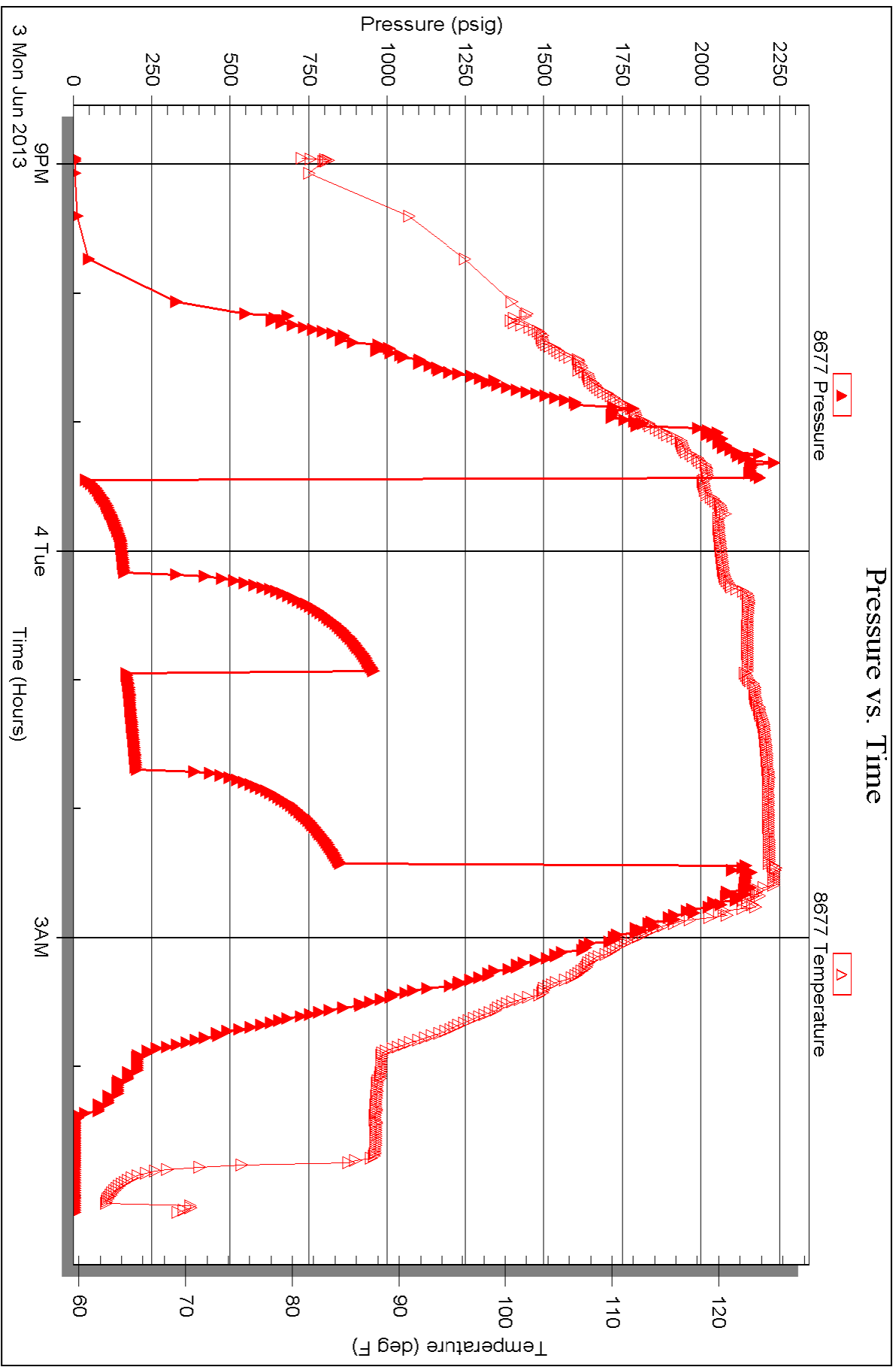
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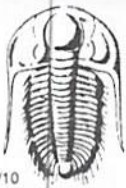
Inside

American Warrior, Inc

Goodman #4-34

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53242

4/10

Well Name & No. Goodman #4-34 Test No. 1 Date 6/04/13
 Company American Warrior, Inc Elevation 2474 KB 2463 GL
 Address PO Box 399 Garden City, Ks 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 34 Twp. 20S Rge. 26W Co. Ness State Ks

Interval Tested 4407 - 4473 Zone Tested Mississippian
 Anchor Length 66' Drill Pipe Run 4115 Mud Wt. 9.3
 Top Packer Depth 4402 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 4407 Wt. Pipe Run 280 WL 8.8
 Total Depth 4473 Chlorides 5200 ppm System LCM Tr

Blow Description IF: BOB @ 30 min.
ISI: No return.
FF: BOB @ 44 min
FSI: Surface return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>280</u>	<u>60cm</u>	<u>30</u>	<u>30</u>	<u>60</u>	
<u>120</u>	<u>0wcm</u>		<u>10</u>	<u>30</u>	<u>60</u>

Rec Total 400 BHT 126 Gravity — API RW 420 @ 62 °F Chlorides 19,000 ppm

(A) Initial Hydrostatic 2184 Test 1250 T-On Location 1845
 (B) First Initial Flow 35 Jars 250 T-Started 2056
 (C) First Final Flow 163 Safety Joint 75 T-Open 2325
 (D) Initial Shut-In 954 Circ Sub N/C T-Pulled 0225
 (E) Second Initial Flow 167 Hourly Standby _____ T-Out 0510
 (F) Second Final Flow 199 Mileage 99 ft 153.45 Comments _____
 (G) Final Shut-In 849 Sampler _____
 (H) Final Hydrostatic 2141 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 45 Extra Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Recorder _____ Sub Total 0
 Final Flow 45 Day Standby _____ Total 1728.45
 Final Shut-In 45 Accessibility _____ MP/DST Disc't _____
 Sub Total 1728.45

Approved By _____ Our Representative [Signature] #53

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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

July 26, 2013

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

Re: ACO1
API 15-135-25596-00-00
Goodman 4-34
NW/4 Sec.34-20S-26W
Ness 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