



KANSAS CORPORATION COMMISSION 1095410
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1095410

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

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

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Wittman 11
Doc ID	1095410

Tops

Name	Top	Datum
Anhydrite	1482	791
Chase	2368	-95
Heebner	3730	-1457
Lansing	3776	-1503
Base Kansas City	4117	-1844
Pawnee	4193	-1920
Ft. Scott	4272	-1999
Cherokee	4290	-2017
Mississippian	4364	-2091
TD	4391	-2118

ALLIED OIL & GAS SERVICES, LLC 053758

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Overland Park

DATE <i>7-27-12</i>	SEC. <i>20</i>	TWP. <i>19s</i>	RANGE <i>21w</i>	CALLED OUT	ON LOCATION	JOB START <i>11:00</i>	JOB FINISH <i>11:30</i>
LEASE <i>Rein</i>	WELL # <i>520</i>	LOCATION <i>Prime 65 1/2 E N10</i>			COUNTY <i>Ness</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR *Petromark Rig #1*

TYPE OF JOB *94/100*

HOLE SIZE *12 1/4* T.D.

CASING SIZE *8 7/8* DEPTH *226.14*

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 *13.44*

OWNER

CEMENT

AMOUNT ORDERED *150 SKS Class A 3 1/2 cc 2 type 1*

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER *Dustin C*

394 HELPER *KiKo*

BULK TRUCK

344-182 DRIVER *Bill*

BULK TRUCK

DRIVER

REMARKS:

*Break circulation with Big mud
pump 5 bbls fresh water ahead
mix 150 SKS class A 3 1/2 cc 2 type 1
dig 13.44 bbls fresh water
at station
cement did circulation
plug down 11:15*

CHARGE TO: *American Well, Inc*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

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.

PRINTED NAME *Darlene Amerine* DISCOUNT IF PAID IN 30 DAYS

SIGNATURE *Darlene Amerine*

Thank you!

SALES TAX (If Any)

TOTAL CHARGES

Date 7-24-12 District Great Plains Ticket No. 53758
 Company American Lessor Inc Rig 201200001
 Lease Rein Well No. 5-20
 County Ark State KS
 Location Bozelle, KS 65126 Field N. into

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 6 5/8 Type New Weight 24# Collar S&L

Casing Depths: Top KB Bottom 226.14

Drill Pipe: Size 4 1/2 Weight 16.6 Collars x 4.10
 Open Hole: Size 12 1/4 T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 1.0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbbs/Lin. ft. 1.1458 Lin. ft./Bbl. 6.05
 Drill Pipe: Bbbs/Lin. ft. 0.142 Lin. ft./Bbl. 72.32
 Annulus: Bbbs/Lin. ft. 1.0735 Lin. ft./Bbl. 15.6

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: Fresh water
 Amt. 5 bbls Sks Yield _____ ft³/sk Density 6.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time 7 1/2 hrs Type Class A 34-10
2 1/2 gal Excess _____

Amt. 150 Sks Yield 1.34 ft³/sk Density 15.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used 395- Kiko
 Bulk Equip. 344-192-1311

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Fresh water Amt. _____ Bbbs. Weight 8.34 PPG
 Mud Type None Weight 9.1 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Duggin

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
						On location - Rig up had safety meeting
				5 bbls		Ran 6 5/8 casing hook up cement pump pump 5 bbls fresh water ahead
			29.75	23.25		Mix 152 sks class A 34-10 2 1/2 gal
			41.69	13.14		12 1/2 13.14 bbls fresh water & shut in
						Cement did circulate
						Plug Down
						Rig Down



Services, Inc.

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

TICKET
N^o 22791

PAGE 1 OF 2

1. SERVICE LOCATION: 7000 6th St KS
WELL/PROJECT NO: H11 LEASE: WITH Man COUNTY/PARISH: Leesoo STATE: KS CITY: Bazine DATE: 3/19/12 OWNER:
2. TICKET TYPE: SERVICE CONTRACTOR: PETRO MARK RIG NAME/NO: 1 SHIPPED: WET DELIVERED TO: location ORDER NO:
3. WELL TYPE: OIL WELL CATEGORY: Development JOB PURPOSE: cement log string WELL PERMIT NO.:
4. REFERRAL LOCATION: INVOICE INSTRUCTIONS: 19-9-21 WELL LOCATION:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					TRK 114	20 mi					6.00	120.00
578					Pump Change	1 ea					1500.00	1500.00
402					Centralizer	5 ea					30.00	150.00
403					Cement Basket	5 ea					250.00	1250.00
404					Beet Collet	5 ea					400.00	2000.00
406					Latch dump plug & holder	5 ea					50.00	250.00
407					Insert flaps sleeve/air fill	5 ea					70.00	350.00
409					Rotating head tested	5 ea					40.00	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: DAY: MONTH: YEAR:

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? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL TAX

CUSTOMER APPROVAL: OPERATOR: APPROVAL: Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 31 Jul 12 PAGE 6

CUSTOMER American Warrior

WELL NO. 11

LEASE W. Hman #

JOB TYPE Comment long string

TICKET NO. 22791

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SA-2 w/ 1/4" flocculant 106 joints LTD 4389' RTD 4391' 15.5# 5 1/2" casing shoot 37.04' PORT COLLAR - #72 1452' Cont 1, 2, 3, 4, 71 Basket 5, 72 jts out 106, 107, 105, 109
	1715							on loc TRK 114
	1735							start 5 1/2" 15.5# casing in well
	1935							Drop ball - circulate - ROTATE
	2005	4 3/4	12				200	Pump 500gal mud flush
		4 3/4	20				200	Pump 20 bbl Kch flush
	2010		7					Plug RH - 145 sk 305 sk
	2015	4 3/4	35				200	mix SA-2 cement 145 sk @ 15.3 ppg
								Drop latch down plug
								wash out pump & line
	2025	6 3/4					300	Displace plug
		6 3/4	98				850	
	2045	6 3/4	105				1600	Land plug
								Release pressure to truck - dried up
	2055							wash truck
								Rock up
	2130							job complete Thanks Jeremy Dunc = Blair



Services, Inc.

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

TICKET No **23201**

PAGE 1 OF 1

SERVICE LOCATIONS: Neacility KS WELL/PROJECT NO. 11 LEASE W. Yuman COUNTY/PARISH Neoo STATE KS CITY Bazina DATE 7 AUG 12 OWNER _____

TICKET TYPE SERVICE SALES CONTRACTOR _____ RIG NAME/NO. _____ ORDER NO. _____

WELL TYPE _____ WELL CATEGORY Development JOB PURPOSE cement put roller SHIPPED DELIVERED TO Neacility WELL PERMIT NO. _____

4. REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____ WELL LOCATION 19-19-21

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	10	mi			6.00	60.00
576D		1			Pump Charge	1	job			1250.00	1250.00
330		1			5MD cement	110	bd			16.50	1815.00
276		1			flocles	25	lb			2.00	50.00
290		1			D-air	1	gal			35.00	35.00
581		1			Service charges	175	dk			2.00	350.00
582		1			Drayage (Gains)	1	ea			250.00	250.00

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 Scott TIME SIGNED 1:50 A.M. P.M.

SWIFT OPERATOR Abayobi APPROVAL _____

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 3810.00
 TAX 119.70
 TOTAL 3929.70

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE AUG 12 PAGE NO.

CUSTOMER American Corridor WELL NO. 11 LEASE W. Ham JOB TYPE Cement port collar TICKET NO. 23201

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks SMD w/ 7# floccle 2 3/4" port collar 1452'
	1330							on loc TRK 114
	1430					1000	1000	test to 1000 psi - held open port collar
	1440	3	2			350		inj rate 3bpm @ 350psi
	1445	4				400		mix SMD cement @ 11.2 ppg fluid to surface
		4	3 1/2			400		
	1500	4	57			450		- cement to surface -
								5 bbl flush H ₂ O close port collar
	1502	4	5			450		
								test to 1000psi - held run 4 joints
	1507					1000	1000	
			20					reverse hole clean
	1530							wash truck Back up
	1550							job complete Thanks T J. Davis Blake

{ 110 sks mixed
15 to pit }

Geological Report

American Warrior, Inc.

Wittman #11

850' FSL & 1380' FWL

Sec. 19 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Wittman #11
850' FSL & 1380' FWL
Sec. 19 T19s R21w
Ness County, Kansas
API # 15-135-25402-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason T Alm

Spud Date: July 23, 2012

Completion Date: July 31, 2012

Elevation: 2267' Ground Level
2273' Kelly Bushing

Directions: Bazine KS, from West side of town at the intersection of Hwy 96 and Austin St. South 5 mi. to 80 Rd. East 1/4 mi. North into location.

Casing: 223' 8 5/8" surface casing
4388' 5 1/2" production casing

Samples: 10' wet and dry, 4000' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Pioneer Energy Services "Dan Schmidt"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Sam Esparza"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Wittman #11 Sec. 19 T19s R21w 850' FSL & 1380' FWL
Anhydrite	1482', +791
Base	1515', +758
Chase	2368', -95
Heebner	3730', -1457
Lansing	3776', -1503
BKc	4117', -1844
Pawnee	4193', -1920
Fort Scott	4272', -1999
Cherokee	4290', -2017
Mississippian	4364', -2091
Osage	4376', -2103
RTD	4391', -2118
LTD	4389', -2116

Sample Zone Descriptions

Mississippian Osage (4376', -2103): Covered in DST #1,2

Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, triptolitic chert, fairly weathered with fair vuggy porosity, light to good oil stain in porosity, fair show of free oil, good odor, bright yellow fluorescents, 30 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Sam Esparza"

DST #1

Mississippian Osage

Interval (4376' – 4386') Anchor Length 10'

IHP	– 2183 #	
IFP	– 30" – Built to 1/4 in.	15-36 #
ISI	– 30" – Dead	1161 #
FFP	– 15" – Built to 1/4 in.	39-48 #
FHP	– 2145 #	
BHT	– 117°F	

Recovery: 15' GCO
55' OCM 5% Oil

DST #2

Mississippian Osage

Interval (4381' – 4391') Anchor Length 10'

IHP	– 2219 #	
IFP	– 45" – Built to 6 in.	19-80 #
ISI	– 45" – W.S.B.	1205 #
FFP	– 45" – Built to 8 in.	83-111 #
FSI	– 45" – W.S.B.	1204 #
FHP	– 2203 #	
BHT	– 124°F	

Recovery: 40' GCO
50' OCM 5% Oil
120' OCMW 5% Oil, 85% Water

Structural Comparison

	American Warrior, Inc. Wittman #11 Sec. 19 T19s R21w 850' FSL & 1380' FWL	American Warrior, Inc. Wittman #4 Sec. 19 T19s R21w 425' FSL & 1270' FWL	FL	Champlin Petroleum Wittman #2 Sec. 19 T19s R21w 115' E/C SW SW	NA
Formation					
Anhydrite	1482', +791	1482', +791	NA	NA	NA
Base	1515', +758	NA	NA	NA	NA
Chase	2368', -95	NA	NA	NA	NA
Heebner	3730', -1457	3732', -1459	(+2)	3728', -1470	(+13)
Lansing	3776', -1503	3779', -1506	(+3)	3777', -1519	(+16)
BKc	4117', -1844	NA	NA	NA	NA
Pawnee	4193', -1920	4199', -1926	(+6)	4192', -1934	(+14)
Fort Scott	4272', -1999	4278', -2005	(+6)	NA	NA
Cherokee	4290', -2017	4294', -2021	(+4)	NA	NA
Mississippian	4364', -2091	4361', -2088	(-3)	4368', -2110	(+19)
Osage	4376', -2103	NA	NA	4374', -2116	(+13)

Summary

The location for the Wittman #11 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one 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 1/2 inch production casing to further evaluate the Wittman #11 well.

Recommended Perforations

Mississippian Osage: (4376' – 4382') DST #1,2

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



Geologic Report

Drilling Time and Sample Log

Operator American Warrior, Inc.		Elevation KB 2273' DF GL 2267'
Lease Wittman No. 11		Casing Record Surface 8 5/8" @ 223' Production 5 1/2" @ 4388'
API # 15-135-25402-0000		Electrical Surveys CNL/CDL, DIL
Field Schaben		
Location 850' FSL & 1380' FWL		
Sec. 19	Twp. 19s	Rge. 21w
County Ness		State Kansas

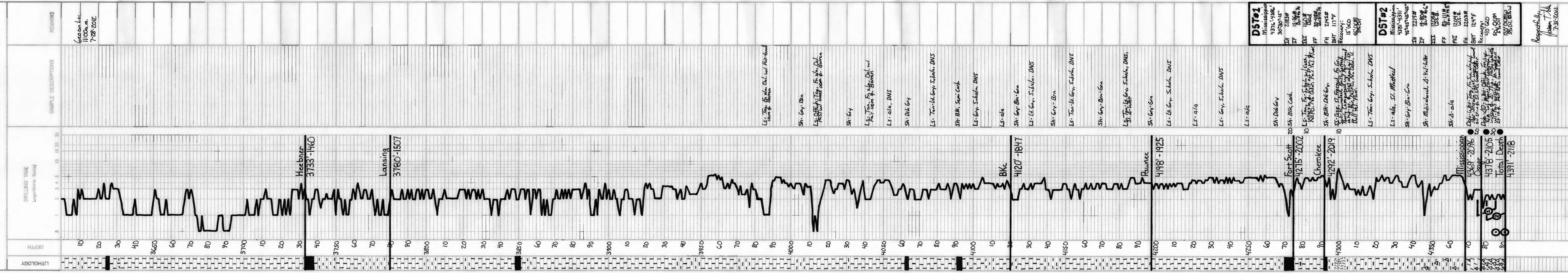
Drilling Contractor Petromark Drilling, L.L.C. Rig #1		Complete 7-31-2012	RTD 4391'	LTD 4389'
Samples Saved From	4000'	To	RTD	
Drilling Time Kept From	3600'	To	RTD	
Samples Examined From	4000'	To	RTD	
Geological Supervision From	4000'	To	RTD	
Mud Up	3500'	Type	Chemical	

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1482' +791		FL
Base	1515' +758		
Chase	2368' -95		
Heebner	3730' -1457	3733' -1460	+2
Lansing	3776' -1503	3780' -1507	+3
BKc	4117' -1844	4120' -1847	NA
Pawnee	4193' -1920	4198' -1925	+6
Fort Scott	4272' -1999	4275' -2002	+4
Cherokee	4290' -2017	4292' -2019	+4
Mississippian	4364' -2091	4369' -2096	-3
Osage	4376' -2103	4378' -2105	NA

Total Depth	4389' -2116	4391' -2118
Reference Well For Structural Comparison American Warrior, Inc. Wittman #4		

LEGEND

- Dolomite
- Chert
- Oolite/Urnie
- Limestone
- Carb. sh.
- Shale
- Sandstone
- Salt
- Anhydrite



DST#1	Mississippian 4376'-4386' 30'30"-15"	2183# IF 15'30" #4 BHT 117' F	2145# FF 2145# Recovery: 15'60" 55% OIL
DST#2	Mississippian 4381'-4391' 45'45"-45'45"	2183# IF 15'30" #4 BHT 117' F	2145# FF 2145# Recovery: 15'60" 55% OIL

Respectfully,
John T. Ak
7-31-2012



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason T Alm

Wittman #11

19-19s-21w Ness,KS

Start Date: 2012.07.30 @ 09:58:05

End Date: 2012.07.30 @ 16:05:14

Job Ticket #: 47070 DST #: 1

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

Printed: 2012.07.31 @ 14:27:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Jason T Alm

19-19s-21w Ness, KS
Wittman #11
 Job Ticket: 47070 **DST#: 1**
 Test Start: 2012.07.30 @ 09:58:05

GENERAL INFORMATION:

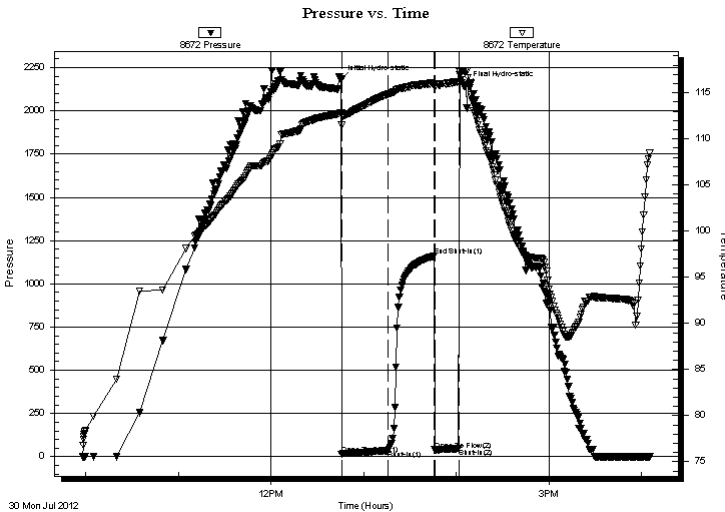
Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:45:45
 Time Test Ended: 16:05:14
 Interval: **4376.00 ft (KB) To 4386.00 ft (KB) (TVD)**
 Total Depth: 4386.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Sam Esparza
 Unit No: 58
 Reference Elevations: 2273.00 ft (KB)
 2267.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8672 Outside

Press @ Run Depth: 36.18 psig @ 4377.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.30 End Date: 2012.07.30 Last Calib.: 2012.07.30
 Start Time: 09:58:05 End Time: 16:05:14 Time On Btm: 2012.07.30 @ 12:45:30
 Time Off Btm: 2012.07.30 @ 14:06:30

TEST COMMENT: IF: 1/4" Blow.
 IS: No Return.
 FF: 1/4" Blow.
 FS: Pull out.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.39	112.86	Initial Hydro-static
1	15.83	111.51	Open To Flow (1)
31	36.18	114.87	Shut-In(1)
61	1160.56	116.02	End Shut-In(1)
61	39.41	115.62	Open To Flow (2)
77	47.86	116.21	Shut-In(2)
81	2145.85	117.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil 100o	0.07
55.00	OCM 5o 95m	0.27

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

19-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Wittman #11

Job Ticket: 47070

DST#: 1

ATTN: Jason T Alm

Test Start: 2012.07.30 @ 09:58:05

Tool Information

Drill Pipe:	Length: 4258.00 ft	Diameter: 3.80 inches	Volume: 59.73 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4376.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			4349.00	
Shut In Tool	5.00			4354.00	
Hydraulic tool	5.00			4359.00	
Jars	5.00			4364.00	
Safety Joint	3.00		Fluid	4367.00	
Packer	5.00			4372.00	28.00 Bottom Of Top Packer
Packer	4.00			4376.00	
Stubb	1.00			4377.00	
Recorder	0.00	8355	Inside	4377.00	
Recorder	0.00	8672	Outside	4377.00	
Perforations	6.00			4383.00	
Bullnose	3.00			4386.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

19-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Wittman #11

Job Ticket: 47070

DST#: 1

ATTN: Jason T Alm

Test Start: 2012.07.30 @ 09:58:05

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Oil 100o	0.074
55.00	OCM 5o 95m	0.270

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

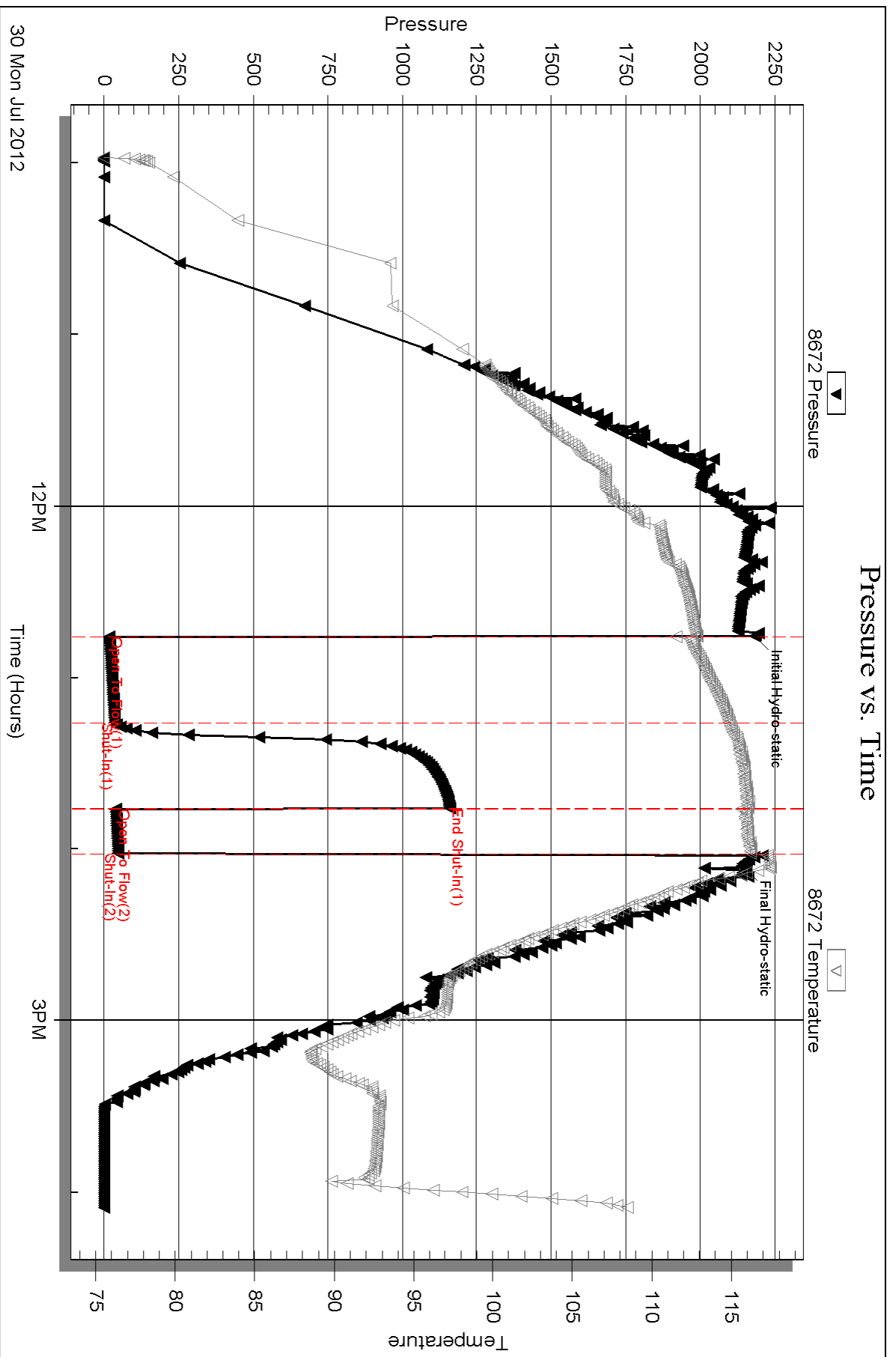
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API 41 @ 100 Degrees= 37 API



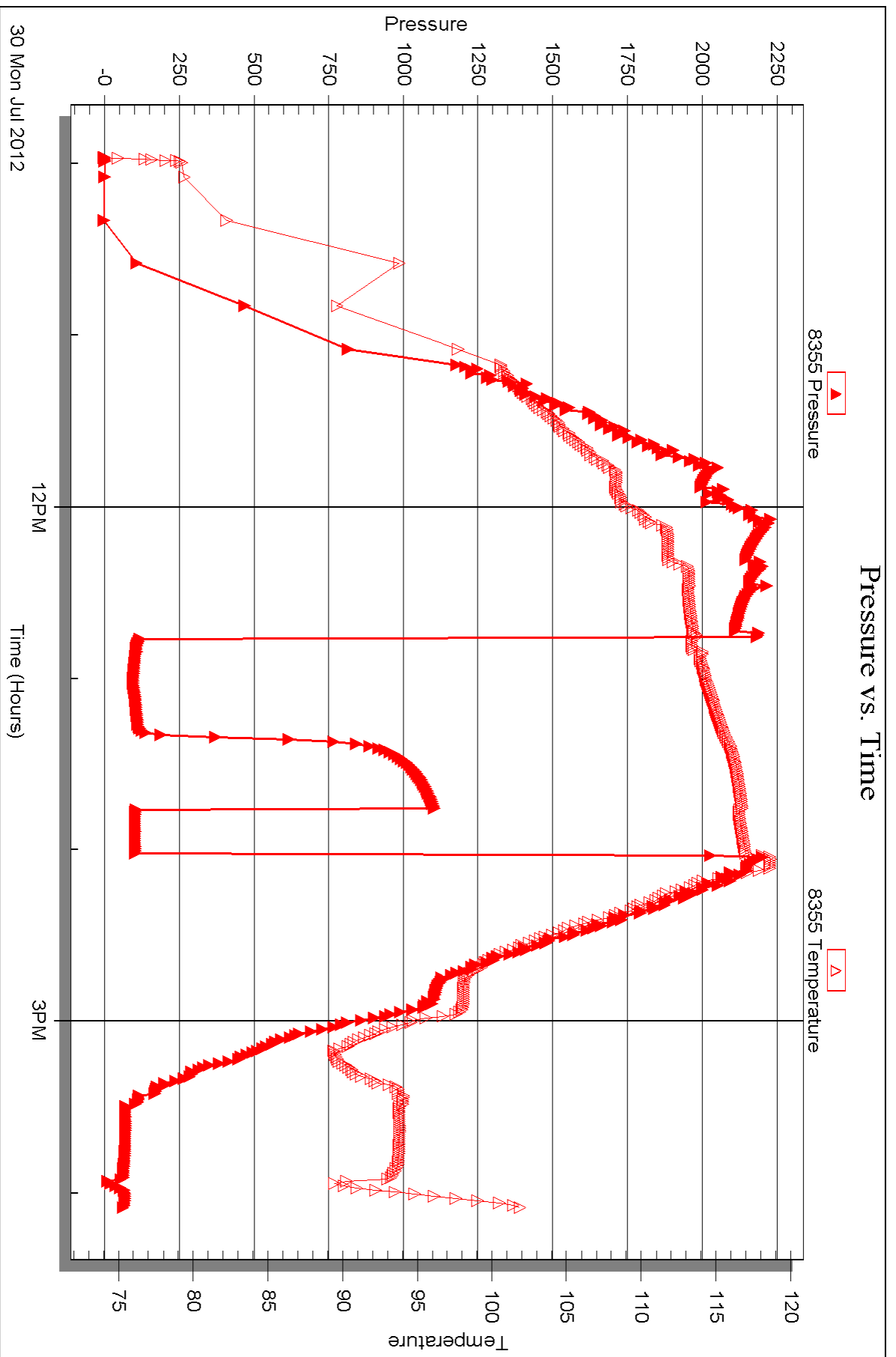
Serial #: 8355

Inside

American Warrior Inc.

Withman #11

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47070

Printed: 2012.07.31 @ 14:28:01



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason T Alm

Wittman #11

19-19s-21w Ness,KS

Start Date: 2012.07.30 @ 22:25:00

End Date: 2012.07.31 @ 06:14:00

Job Ticket #: 47071 DST #: 2

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

Printed: 2012.07.31 @ 14:27:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Jason T Alm

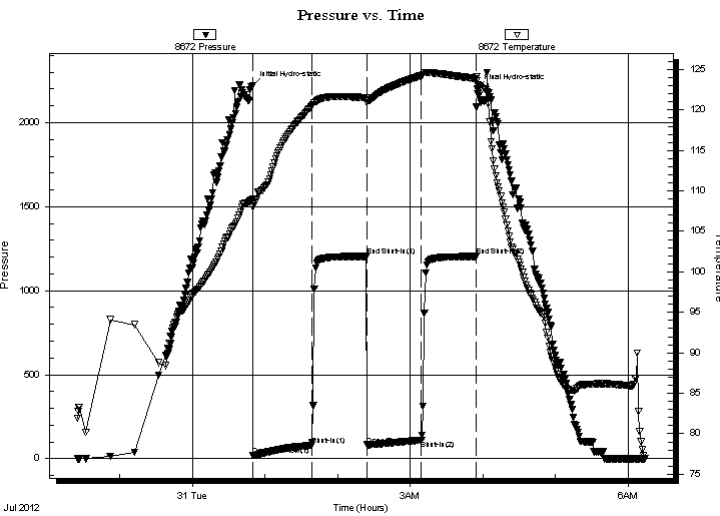
19-19s-21w Ness, KS
Wittman #11
 Job Ticket: 47071 **DST#: 2**
 Test Start: 2012.07.30 @ 22:25:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:50:00
 Time Test Ended: 06:14:00
 Interval: **4381.00 ft (KB) To 4391.00 ft (KB) (TVD)**
 Total Depth: 4391.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 58
 Reference Elevations: 2273.00 ft (KB)
 2267.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8672 Outside
 Press @ RunDepth: 111.20 psig @ 4382.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.07.30 End Date: 2012.07.31 Last Calib.: 2012.07.31
 Start Time: 22:25:05 End Time: 06:13:59 Time On Btm: 2012.07.31 @ 00:49:45
 Time Off Btm: 2012.07.31 @ 03:55:15

TEST COMMENT: IF: 6" Blow.
 IS: Weak surface return.
 FF: 8" Blow.
 FS: Weak surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2219.16	108.95	Initial Hydro-static
1	19.07	107.96	Open To Flow (1)
49	79.51	120.39	Shut-In(1)
95	1204.80	121.48	End Shut-In(1)
95	82.56	120.92	Open To Flow (2)
140	111.20	124.25	Shut-In(2)
185	1204.23	123.87	End Shut-In(2)
186	2203.47	123.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OMCW 5o 10m 85w	0.59
50.00	OCM 5o 95m	0.70
40.00	GO 5g 95o	0.56

* 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.

19-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Wittman #11

Job Ticket: 47071

DST#: 2

ATTN: Jason T Alm

Test Start: 2012.07.30 @ 22:25:00

Tool Information

Drill Pipe:	Length: 4258.00 ft	Diameter: 3.80 inches	Volume: 59.73 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4381.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			4354.00	
Shut In Tool	5.00			4359.00	
Hydraulic tool	5.00			4364.00	
Jars	5.00			4369.00	
Safety Joint	3.00		Fluid	4372.00	
Packer	5.00			4377.00	28.00 Bottom Of Top Packer
Packer	4.00			4381.00	
Stubb	1.00			4382.00	
Recorder	0.00	8355	Inside	4382.00	
Recorder	0.00	8672	Outside	4382.00	
Perforations	6.00			4388.00	
Bullnose	3.00			4391.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

19-19s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Wittman #11

Job Ticket: 47071

DST#: 2

ATTN: Jason T Alm

Test Start: 2012.07.30 @ 22:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	OMCW 5o 10m 85w	0.590
50.00	OCM 5o 95m	0.701
40.00	GO 5g 95o	0.561

Total Length: 210.00 ft Total Volume: 1.852 bbl

Num Fluid Samples: 0

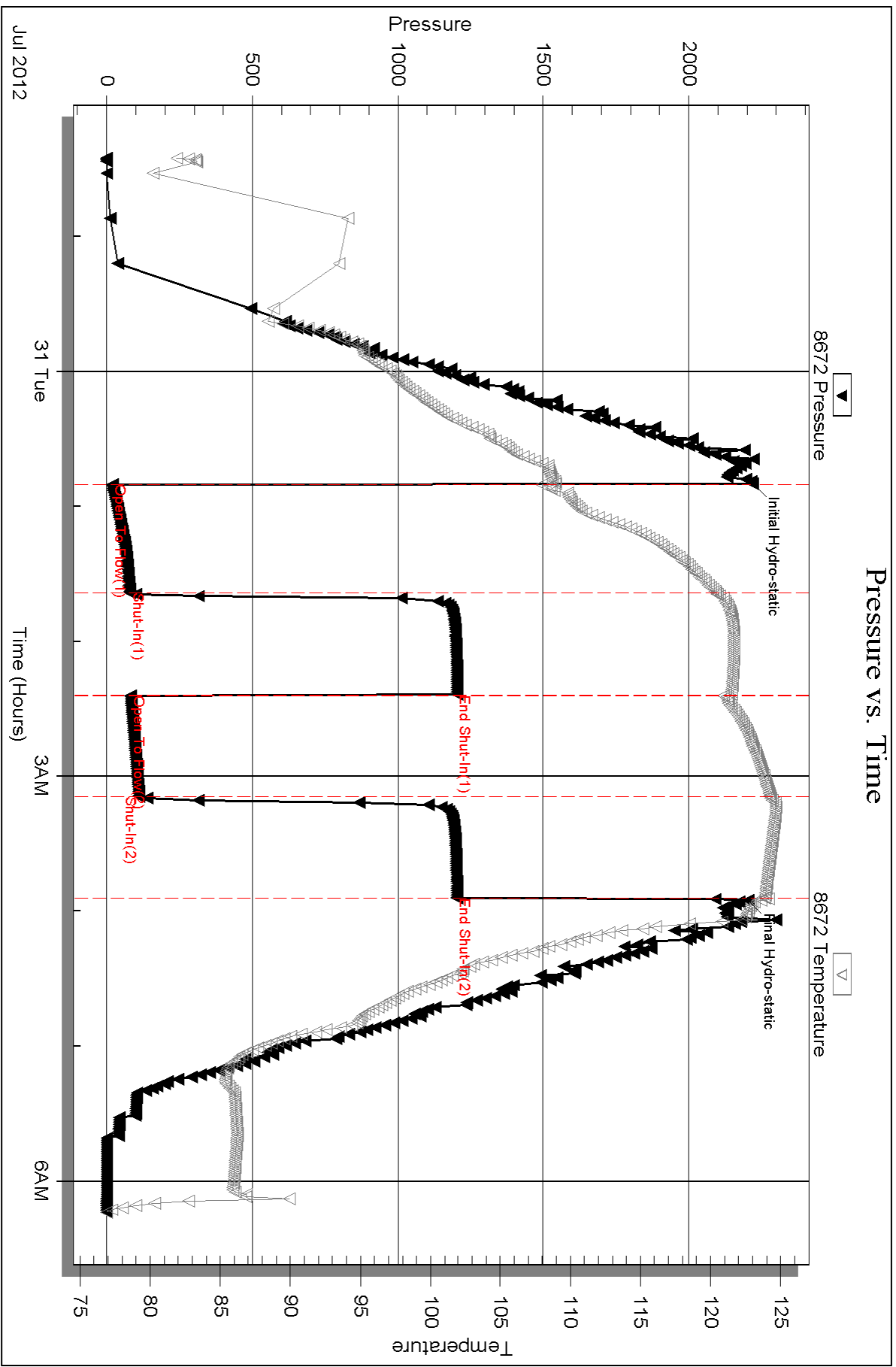
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 39 @ 70 degrees= 38



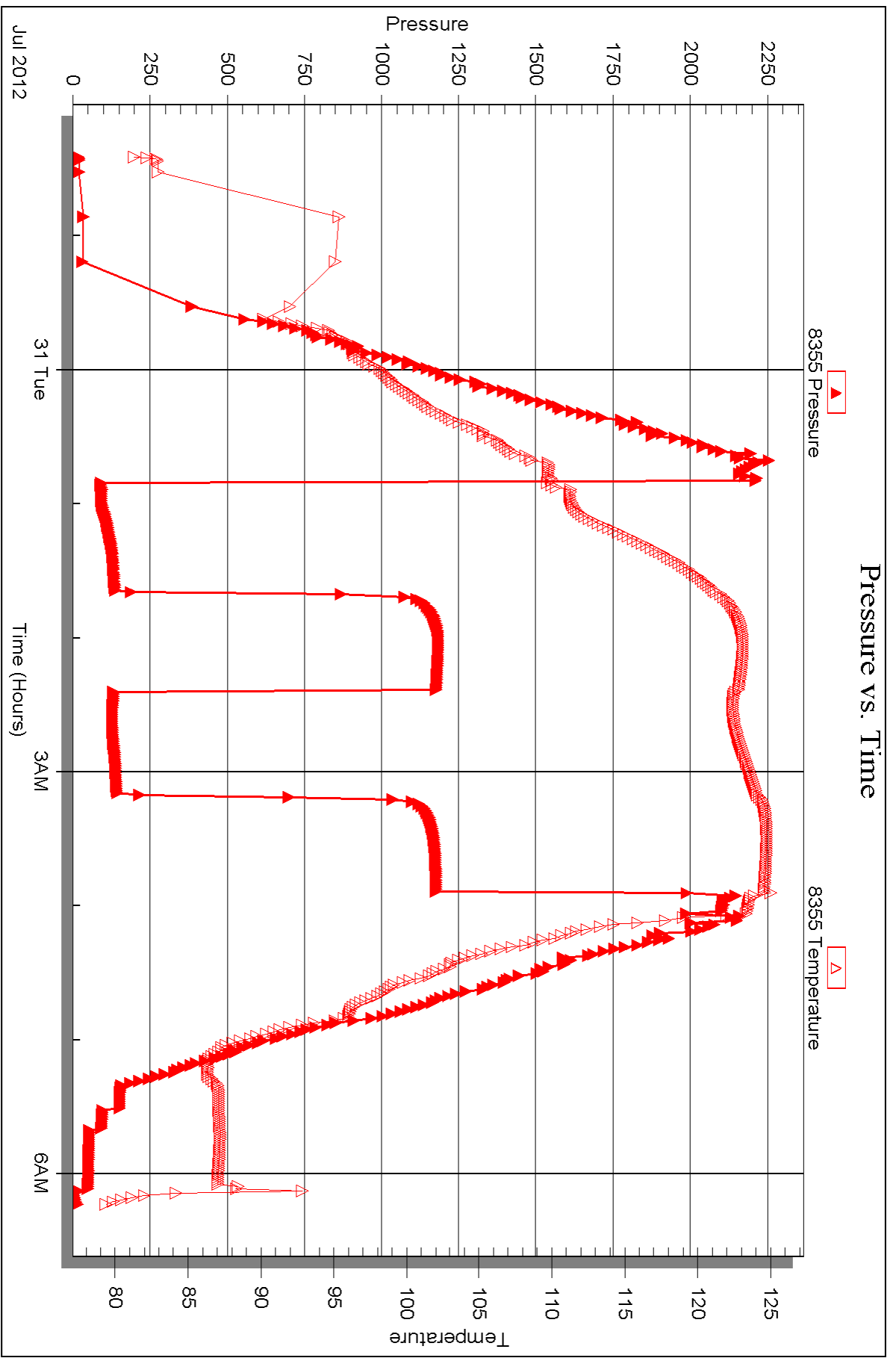
Serial #: 8355

Inside

American Warrior Inc.

Wellman #11

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47070

4/10

Well Name & No. Wittman #11 Test No. 1 Date 7/30/12
 Company American Warrior, Inc. Elevation 2273 KB 2267 GL
 Address 3118 Cummings Rd P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason T Alm Rig Petrobank #1
 Location: Sec. 19 Twp. 19S Rge. 21W Co. Ness State KS

Interval Tested 4376-4386 Zone Tested M. ss
 Anchor Length 10' Drill Pipe Run 4258 Mud Wt. 9.4
 Top Packer Depth 4372 Drill Collars Run 120 Vis 59
 Bottom Packer Depth 4376 Wt. Pipe Run 0 WL 8.8
 Total Depth 4386 Chlorides 5700 ppm System LCM 0
 Blow Description 4" Blow
No Return.
4" Blow.
Pull

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Oil</u>	<u>100</u>			
<u>55</u>	<u>OCM</u>	<u>5</u>			<u>95</u>

Rec Total 70 BHT 116 Gravity 37 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2183</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>9:10</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>9:58</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:46</u>
(D) Initial Shut-In <u>1161</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>14:01</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:05</u>
(F) Second Final Flow <u>48</u>	<input checked="" type="checkbox"/> Mileage 1142 <u>1304</u> <u>176.70</u>	Comments
(G) Final Shut-In <u>Pull</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2146</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby	Total <u>1751.70</u>
Final Shut-In <u>Pull</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1751.70</u>	

Approved By [Signature] 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47071

4/10

Well Name & No. Wittman #11 Test No. 2 Date 7/30/12
 Company American Warrior Inc Elevation 2273 KB 2217 GL
 Address 3116 Cummings Rd P.O. Box 399 Garden city, KS 67846
 Co. Rep / Geo. Jason T. Alm Rig Petro mark #1
 Location: Sec. A Twp. 19S Rge. 21W Co. Ness State Ks

Interval Tested 4381 - 4391 Zone Tested Miss
 Anchor Length 10' Drill Pipe Run 4258' Mud Wt. 9.4
 Top Packer Depth 4377 Drill Collars Run 120 Vis 59
 Bottom Packer Depth 4381 Wt. Pipe Run 0 WL 8.8
 Total Depth 4391 Chlorides 5700 ppm System LCM 0
 Blow Description 6" Blow.
weak surface returns.
8" Blow.
weak surface returns.

Rec	Feet of	%gas	%oil	%water	%mud
40	60	5	95		
50	OCM		5		95
120	OMCW		5	85	10

Rec Total 210 BHT 124 Gravity 38 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2219</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>22:20</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>22:25</u>
(C) First Final Flow <u>80</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:50</u>
(D) Initial Shut-In <u>1205</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>3:55</u>
(E) Second Initial Flow <u>83</u>	<input type="checkbox"/> Hourly Standby <u>—</u>	T-Out <u>6:14</u>
(F) Second Final Flow <u>111</u>	<input checked="" type="checkbox"/> Mileage <u>130 R/T</u> 176.70	Comments <u>picked up tools</u>
(G) Final Shut-In <u>1204</u>	<input type="checkbox"/> Sampler <u>—</u>	
(H) Final Hydrostatic <u>2203</u>	<input type="checkbox"/> Straddle <u>—</u>	<input type="checkbox"/> Ruined Shale Packer <u>—</u>
	<input type="checkbox"/> Shale Packer <u>—</u>	<input type="checkbox"/> Ruined Packer <u>—</u>
Initial Open <u>45</u>	<input type="checkbox"/> Extra Packer <u>—</u>	<input type="checkbox"/> Extra Copies <u>—</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder <u>—</u>	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby <u>—</u>	Total <u>1751.70</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Accessibility <u>—</u>	MP/DST Disc't <u>—</u>
	Sub Total <u>1751.70</u>	

Approved By Jason T. Alm

Our Representative [Signature]

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