



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
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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

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: _____



1124296

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Vokland 2-32
Doc ID	1124296

All Electric Logs Run

Dual Ind.
Micro
Compensated Nuutron
Sonic

JAMES C. MUSGROVE

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

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.
Volkland #2-32
1050' FSL & 2292' FWL
Section 32-18s-9w
Rice County, Kansas
Page 1

5 1/2" Production Casing

Contractor: Duke Drilling Co. (Rig #8)
Commenced: December 18, 2012
Completed: December 30, 2012
Elevation: 1720' K.B; 1718' D.F; 1712' G.L.
Casing program: Surface; 8 5/8" @ 335'
Production; 5 1/2" @ 3339 '
Sample: Samples saved and examined 2600' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2600 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Formation Tests: There was one (1) Drill Stem Test ran by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity Log, Microresistivity Log and Borehole Compensated Sonic Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	379	+1341
Base Anhydrite	387	+1333
Heebner	2739	-1019
Toronto	2761	-1041
Douglas	2771	-1051
Douglas Sand	2777	-1057
Brown Lime	2866	-1146
Lansing	2893	-1173
Base Kansas City	3162	-1442
Conglomerate	3182	-1462
Arbuckle	3236	-1516
Rotary Total Depth	3340	-1620
Log Total Depth	3338	-1618

(All tops and zones corrected to Electric Log measurements).

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

TOPEKA/TORONTO/DOUGLAS SECTION

2600-2892' No shows of oil and/or gas were noted in the Topeka, Toronto and Douglas Sand.

LANSING SECTION

- 2893-2902' Limestone; white, cream, slightly oolitic, poor visible porosity, slightly chalky, no shows.
- 2911-2922' Limestone; white, cream, finely crystalline, oolitic, poor porosity, chalky, no shows.
- 2933-2945' Limestone; light gray, tan, finely crystalline, oolitic, poorly developed intercrystalline porosity, chalky, no shows.
- 2947-2953' Limestone; cream, tan, finely crystalline, oolitic, poor visible porosity, no shows.
- 2967-2974' Limestone; light gray, tan, finely crystalline, oolitic, oomoldic, scattered oomoldic porosity, chalky (barren).
- 2980-2996' Limestone; cream, tan, finely crystalline, oolitic/fossiliferous, oomoldic porosity, trace brown stain, no show of free oil and no odor.
- 3027-3034' Limestone; tan, cream, fine and medium crystalline, oolitic, poorly developed porosity, few fine vuggy porosity, trace poor stain, no show of free oil and faint odor in fresh samples.
- 3039-3047' Limestone; cream, white, tan, oolitic/fossiliferous, poor scattered porosity, slightly chalky, no shows.
- 3053-3067' Limestone; light gray, cream, finely oolitic, fossiliferous, poor visible porosity, no shows.
- 3073-3080' Limestone; cream, white, tan, oolitic, fine and medium crystalline, poorly developed porosity, no shows.
- 3105-3125' Limestone; buff, gray, finely crystalline, oolitic, poor pinpoint and intercrystalline porosity, trace stain, no show of free oil and faint odor in fresh samples.
- 3134-3146' Limestone; white/cream, oolitic, poorly developed porosity, no shows.

ARBUCKLE SECTION

- 3236-3242' Dolomite; cream, tan, finely crystalline, poor to fair intercrystalline porosity, spotty light brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #1 3173-3240'

Times: 30-45-45-45

Blow: Strong

Recovery: 235' gas in pipe
372' gassy oil
372' gassy muddy oil
(20% gas, 40% mud, 40% oil)
186' oil cut mud
(15% oil, 85% mud)

Pressures: ISIP 1001 psi
FSIP 984 psi
IFP 47-223 psi
FFP 230-400 psi
HSH 15871548 psi

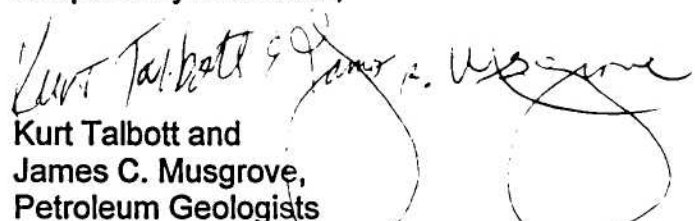
- 3242-3257' Dolomite; tan, gray, few yellow tinted, finely crystalline, slightly cherty, poor visible porosity, questionable stain, no show of free oil and faint odor in fresh samples.
- 3257-3270' Dolomite; tan, finely crystalline, oomoldic, scattered oomoldic porosity (barren).
- 3270-3285' Dolomite; as above, plus trace dolomite, gray, medium crystalline, chalky luster, no shows.
- 3285-3305' Dolomite; gray and tan, finely crystalline, few medium crystalline, slightly cherty, plus gray and white chert.
- 3305-3340' Dolomite; as above, abundant white boney chert, no shows.

Rotary Total Depth 3340
Log Total Depth 3338

Recommendations:

5 1/2" production casing was set and cemented in the Volkland #2-32.

Respectfully submitted;


Kurt Talbott and
James C. Musgrove,
Petroleum Geologists



CHARGE TO: *America Warrior Inc.*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 23029

PAGE 1 OF 2

SERVICE LOCATIONS
 1. *Hays Ks.* WELL/PROJECT NO. *# 2-32* LEASE *Volkland* COUNTY/PARISH *Rice* STATE *Ks* CITY DATE *12-30-12* OWNER *same*
 2. *Ness City, Ks* TICKET TYPE SERVICE CONTRACTOR *Duke # 8* RIG NAME/NO. SHIPPED VIA *CT* DELIVERED TO *Location* ORDER NO.
 3. WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *Longstring* WELL PERMIT NO. WELL LOCATION
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	70	mi			6 ⁰⁰	420 ⁰⁰
578		1			Pump Charge (Longstring)	1	ea	3340	'	1500 ⁰⁰	1500 ⁰⁰
221		1			KCL	2	gal			25 ⁰⁰	50 ⁰⁰
281		1			Mudflush	500	gal			1 ²⁵	625 ⁰⁰
290		1			D-Air	2	gal			35 ⁰⁰	70 ⁰⁰
402		1			Centralizers	6	ea	5 1/2	"	70 ⁰⁰	420 ⁰⁰
403		1			Basket	1	ea			250 ⁰⁰	250 ⁰⁰
406		1			LD Plug & Baffle	1	ea			250 ⁰⁰	250 ⁰⁰
407		1			Insert Float Shoe w/ fill	1	ea			350 ⁰⁰	350 ⁰⁰
419		1			*						

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 *12-30-12* TIME SIGNED *0640* 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
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
WE UNDERSTOOD AND MET YOUR NEEDS?		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
ARE YOU SATISFIED WITH OUR SERVICE?		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		

PAGE TOTAL	3935 ⁰⁰
page 2	4882 ²⁵
subtotal	8817 ²⁵
Rice TAX 7.3%	431 ¹⁶
TOTAL	9248 ⁹¹

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR *Mark Horne* APPROVAL *David Stegman*
 Thank You!



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

TICKET CONTINUATION

TICKET No. 23029

CUSTOMER American Warrior Inc. WELL #2-32 Volkland DATE 12-30-12 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		2				Standard Cement	175	sk			13.50	2362.50
276		2				Flocele	50	#	1/4	#/sh	2.00	100.00
283		2				Salt	900	#	10	%	2.00	1800.00
284		2				Calsegl	85	ks	5	%	35.00	2800.00
292		2				Halad-322	125	#	3/4	%	7.75	968.75
581		2				SERVICE CHARGE	175	sk			2.00	350.00
583		2				MILEAGE CHARGE	TOTAL WEIGHT		LOADED MILES	TON MILES		
							18325	70		641.5	1.00	641.50

CONTINUATION TOTAL 4882.75

JOB LOG

SWIFT Services, Inc.

DATE 12-30-12 PAGE NO.

CUSTOMER Americas Warrior Inc WELL NO. # 2-32 LEASE Volkland JOB TYPE Longstring TICKET NO. 23029

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0240							on loc w/ FE
								RTD 3340'
								5 1/2 x 14" x 3339' x 21'
								Cent. 2, 5, 7, 9, 11, 13
								Back. 4
	0300							Start FE
	0430							Break Circulation
	0545	2.5	7/4					Plug RH+MH 30/15 sks EA-2
	0555	5	0			200		Start 500gal Mudflush
	0604	5	12/0			200		Start 20 bbl KCL flush
	0605	5	20/0			200		Start 130sks EA-2 Cement
	0608		32					End Cement
								Wash PTL
								Drop L.D. Plug
	0614	6	0			200		Start Displacement
	0624	5				250		Catch Cement
	0628		81			650/1400		Land Plug
								Release Pressure
								Float Held

Thank you

Nick, David E. & Isaac



DRILL STEM TEST REPORT

Prepared For: **American Warrior**
PO Box 399
Garden City, KS 67846

ATTN: Kurt Talbott / Jim M

Vokland #2-32

32-18s-9w Rice,KS

Start Date: 2012.12.28 @ 21:39:15

End Date: 2012.12.29 @ 05:56:30

Job Ticket #: 49646 DST #: 1

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

Printed: 2012.12.31 @ 09:37:08

American Warrior
32-18s-9w Rice,KS
Vokland #2-32
DST # 1
Conglomerate Sand/Ar
2012.12.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior

32-18s-9w Rice, KS

PO Box 399
Garden City, KS 67846

Vokland #2-32

Job Ticket: 49646

DST#: 1

ATTN: Kurt Talbott / Jim M

Test Start: 2012.12.28 @ 21:39:15

GENERAL INFORMATION:

Formation: **Conglomerate Sand/Ar**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:15

Time Test Ended: 05:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 3173.00 ft (KB) To 3240.00 ft (KB) (TVD)

Reference Elevations: 1720.00 ft (KB)

Total Depth: 3240.00 ft (KB) (TVD)

1712.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 400.86 psig @ 3174.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.12.28

End Date:

2012.12.29

Last Calib.:

2012.12.29

Start Time: 21:39:16

End Time:

05:56:30

Time On Btm:

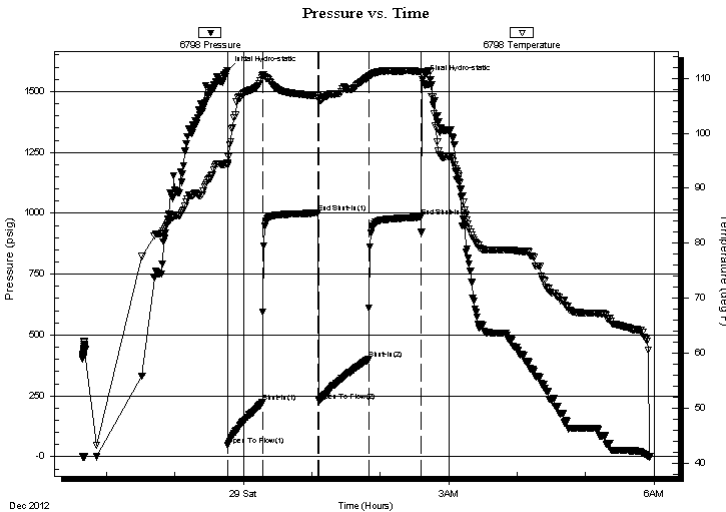
2012.12.28 @ 23:46:00

Time Off Btm:

2012.12.29 @ 02:37:00

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes
IS: No Blow Back
FF: Strong Blow , BOB in 6 minutes
FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.86	94.55	Initial Hydro-static
1	47.10	94.15	Open To Flow (1)
31	222.82	110.37	Shut-In(1)
80	1001.08	106.73	End Shut-In(1)
81	230.09	106.27	Open To Flow (2)
124	400.86	110.22	Shut-In(2)
170	984.49	111.21	End Shut-In(2)
171	1547.91	111.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	235 GIP	0.00
186.00	OCM 15%O 85%M	2.61
372.00	GMCO 20%G 40%M 40%O	5.22
372.00	Gassy Oil 10%G 90%O	5.22

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior
 PO Box 399
 Garden City, KS 67846
 ATTN: Kurt Talbott / Jim M

32-18s-9w Rice, KS
Vokland #2-32
 Job Ticket: 49646 **DST#: 1**
 Test Start: 2012.12.28 @ 21:39:15

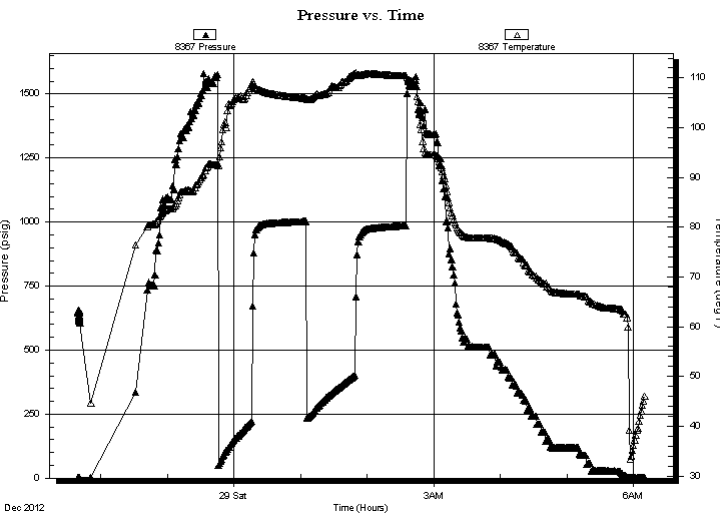
GENERAL INFORMATION:

Formation: **Conglomerate Sand/Ar**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:46:15
 Time Test Ended: 05:56:30
Interval: 3173.00 ft (KB) To 3240.00 ft (KB) (TVD)
 Total Depth: 3240.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1720.00 ft (KB)
 1712.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8367 Outside

Press @ Run Depth: psig @ 3174.00 ft (KB)
 Start Date: 2012.12.28 End Date: 2012.12.29
 Start Time: 21:39:16 End Time: 06:10:15
 Capacity: 8000.00 psig
 Last Calib.: 2012.12.29
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB in 6 minutes
 FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	235 GIP	0.00
186.00	OCM 15%O 85%M	2.61
372.00	GMCO 20%G 40%M 40%O	5.22
372.00	Gassy Oil 10%G 90%O	5.22

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior

32-18s-9w Rice,KS

PO Box 399
Garden City, KS 67846

Vokland #2-32

Job Ticket: 49646

DST#: 1

ATTN: Kurt Talbott / Jim M

Test Start: 2012.12.28 @ 21:39:15

Tool Information

Drill Pipe:	Length: 3180.00 ft	Diameter: 3.80 inches	Volume: 44.61 bbl	Tool Weight: 2100.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 44.61 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3173.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	87.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Shut In Tool	5.00			3158.00	
Hydraulic tool	5.00			3163.00	
Packer - Shale	5.00			3168.00	
Packer	5.00			3173.00	20.00 Bottom Of Top Packer
Stubb	1.00			3174.00	
Recorder	0.00	6798	Inside	3174.00	
Recorder	0.00	8367	Outside	3174.00	
Perforations	4.00			3178.00	
Change Over Sub	1.00			3179.00	
Drill Pipe	32.00			3211.00	
Change Over Sub	1.00			3212.00	
Perforations	25.00			3237.00	
Bullnose	3.00			3240.00	67.00 Anchor Tool

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior

32-18s-9w Rice,KS

PO Box 399
Garden City, KS 67846

Vokland #2-32

Job Ticket: 49646

DST#: 1

ATTN: Kurt Talbott / Jim M

Test Start: 2012.12.28 @ 21:39:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	235 GIP	0.000
186.00	OCM 15%O 85%M	2.609
372.00	GMCO 20%G 40%M 40%O	5.218
372.00	Gassy Oil 10%G 90%O	5.218

Total Length: 930.00 ft Total Volume: 13.045 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

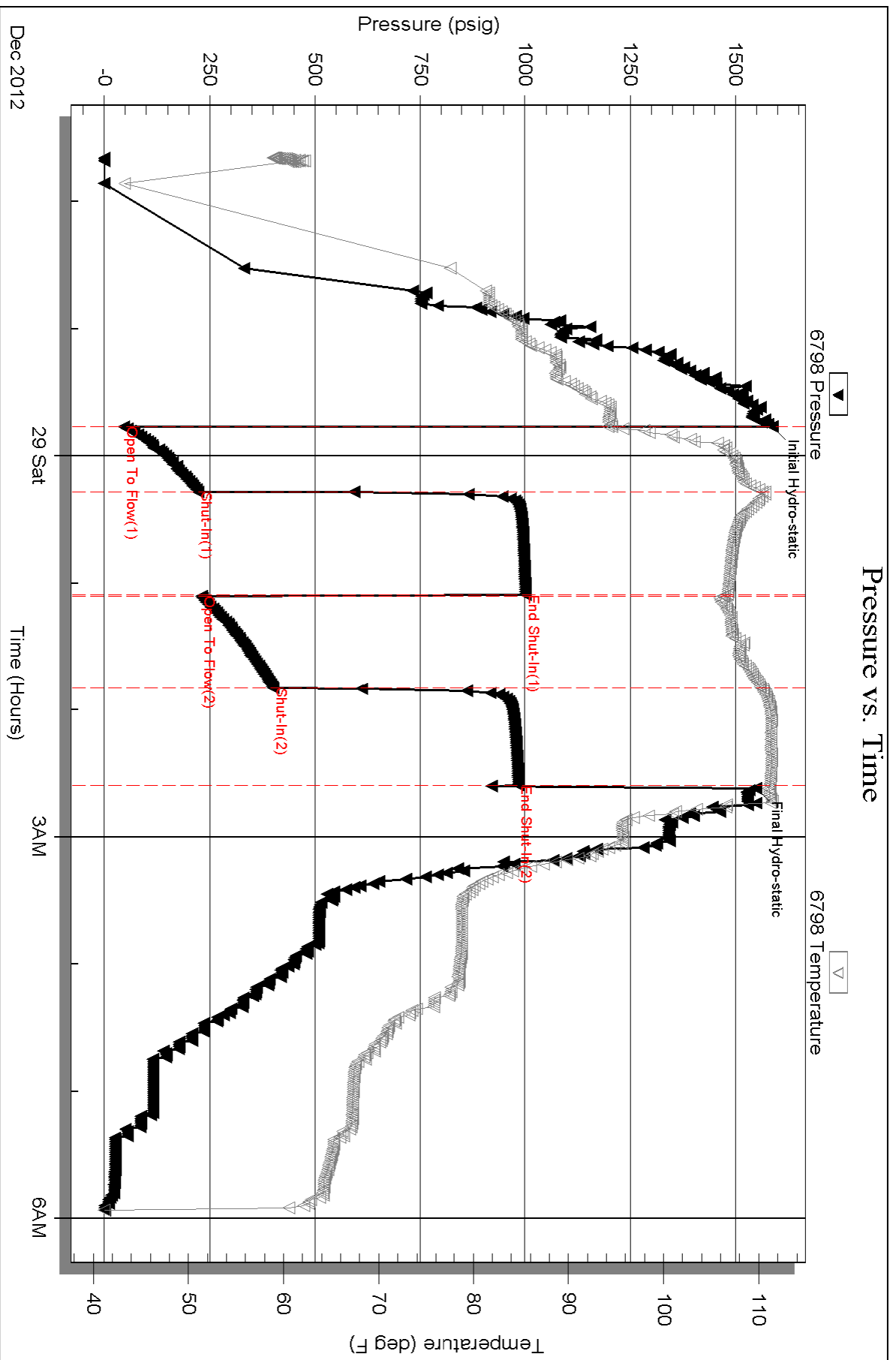
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 30 @ 22 degrees

Pressure vs. Time

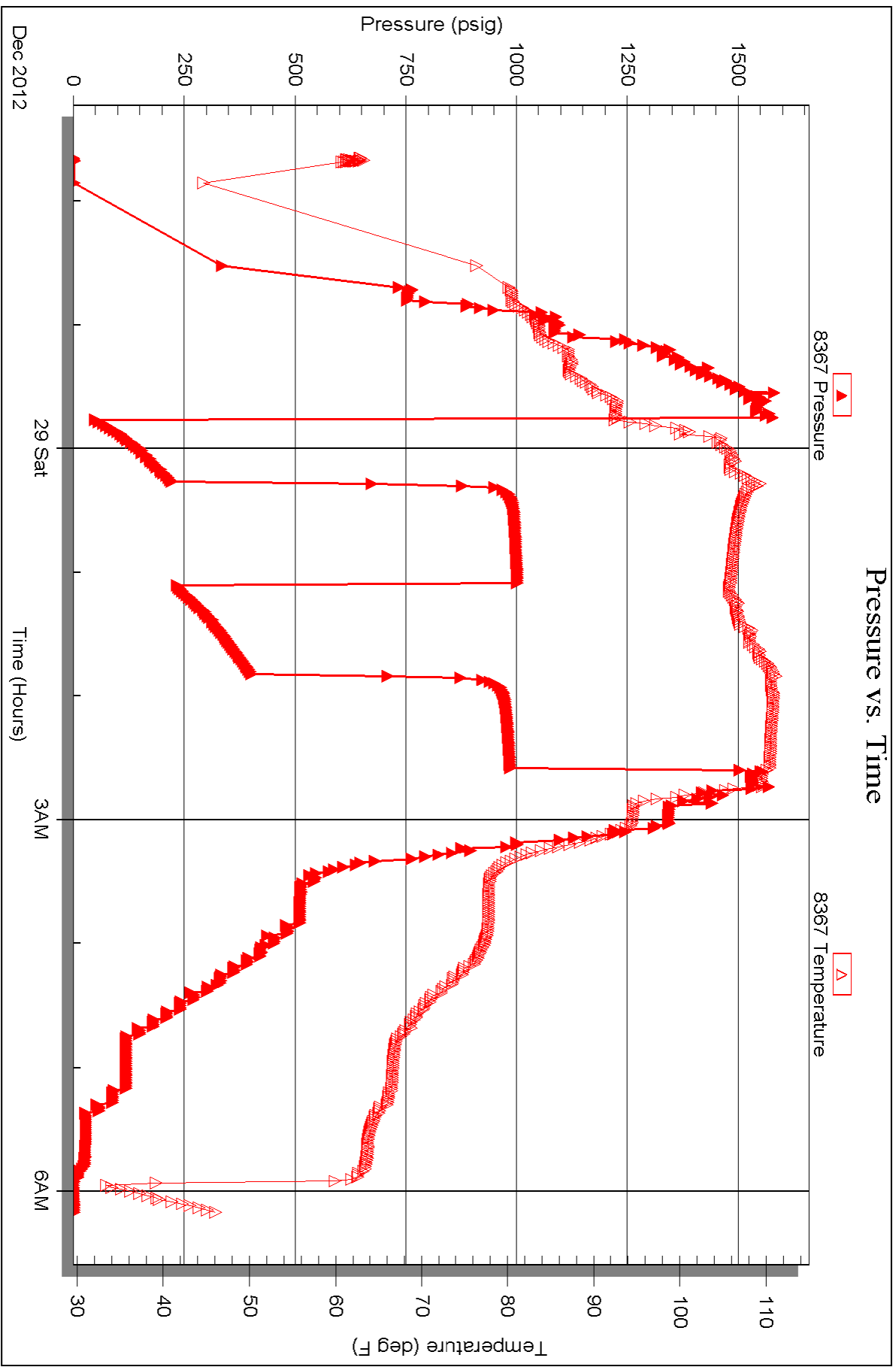


Serial #: 8367

Outside American Warrior

Vokland #2-32

DST Test Number: 1



Well Name & No. Vokland 2-32 Test No. 1 Date 12/28/12
 Company American warrior Elevation 1720 KB 1712 GL
 Address PO BOX 399 Garden City, KS 67846
 Co. Rep / Geo. Kurt Talbot / Jim Musgrove Rig Duke 8
 Location: Sec. 32 Twp. 18S Rge. 9W Co. Rice State KS

Interval Tested 3173 - 3240 Zone Tested conglomerate sand + Arbuckle
 Anchor Length 67 Drill Pipe Run 3180 Mud Wt. 9.1
 Top Packer Depth 3168 Drill Collars Run 0 Vis 43
 Bottom Packer Depth 3173 Wt. Pipe Run 0 WL 9.2
 Total Depth 3240 Chlorides 7600 ppm System LCM

Blow Description IF: Strong Blow, BOB in 5 minutes
ISI: NO Blow Back
FF: Strong Blow BOB in 6 minutes
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>235</u>	<u>GTP</u>				
<u>372</u>	<u>Gassy oil</u>	<u>10</u>	<u>90</u>		
<u>372</u>	<u>GMCO</u>	<u>20</u>	<u>40</u>		<u>40</u>
<u>186</u>	<u>OCM</u>		<u>15</u>		<u>85</u>
Rec Total	<u>930</u> BHT <u>111°</u>	Gravity <u>33.8</u>	API RW <u>N/C</u>	@ <u>N/C</u> °F	Chlorides <u>N/C</u> ppm

(A) Initial Hydrostatic 1587 Test 1150 T-On Location 21:00
 (B) First Initial Flow 47 Jars T-Started 21:39
 (C) First Final Flow 223 Safety Joint T-Open 23:46
 (D) Initial Shut-In 1601 Circ Sub T-Pulled 02:35
 (E) Second Initial Flow 230 Hourly Standby T-Out 05:56
 (F) Second Final Flow 401 Mileage (150) 232.50 Comments
 (G) Final Shut-In 984 Sampler
 (H) Final Hydrostatic 1548 Straddle
 Shale Packer 250 Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total 0
 Accessibility Total 1632.50
 Sub Total 1632.50 MP/DST Disc't

Approved By _____ Our Representative [Signature]
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