



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: _____



1070320

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Marshall 1-27
Doc ID	1070320

Tops

Name	Top	Datum
Anhydrite	1328	784
Chase	2192	-80
Heebner	3562	-1450
Lansing	3606	-1494
BKC	3924	-1812
Pawnee	4006	-1894
Ft. Scott	4076	-1964
Cherokee	4164	-2052
Mississippian	4164	-2052
LTD	4193	-2081



Services, Inc.

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

TICKET 20983

WELL PROJECT NO. 137
 LEASE MARSHALL
 COUNTY/PARISH Ness
 RIG NAME/NO. 41
 STATE KS
 CITY Bazine
 DATE 3 AUG 11
 OWNER

PAGE 1 OF 1

1. SERVICE LOCATION: *Wells KS*

2. TICKET TYPE: SERVICE SALES

3. WELL TYPE: *Oil*

4. REFERRAL LOCATION: *Development*

CONTRACTOR: *137*

WELL CATEGORY: *Development*

JOB PURPOSE: *Comm+deep surface pipe*

WELL PERMIT NO.

WELL LOCATION: *27-185-21W*

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	LOC	ACCT	DF	DESCRIPTION	QTY.		UNIT		AMOUNT
						UM	UM	PRICE	AMOUNT	
575					MILEAGE TRR 114	20	mi	6.00		120.00
576D					Pump Charge	1	ea	1250.00		1250.00
330					SMD cement	425	sk	16.50		7012.50
276					Floacle	100	lb	2.00		200.00
409					Portatizer Turbolizer	88	in	4.00		400.00
290					D-AIR	4	gal	37.00		148.00
410					TOP PUG	85	in	1.00		100.00
412					Biggie Pote	8	in	1.00		110.00
581					Service Charge	425	sk	2.00		850.00
583					Drillage	422.98	lb	1.00		422.98

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: *11/11/11* TIME SIGNED: *11:00 AM*

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: *10605.42*

TAX

TOTAL

SWIFT OPERATOR: *AKH* APPROVAL: *AKH*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3 AUG 11 PAGE NO.

CUSTOMER American Warrior WELL NO. # 1 LEASE MARSHALL JOB TYPE Cement deep surface p. p. TICKET NO.

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								425 sks SMD cement w/ 1/4" floccula 32 joints 8 7/8" 23" casing Calculator 1, 4, 12, 27 shoe pt. 14.48' pipe set @ 1344
	0930							on loc TRK 114
	0625							start 8 7/8" 23" casing in well
	0835							circulate well
	0905	4 3/4	12				200	Pump 500 gal mud flush
		4 3/4	20				200	Pump 20 bbl KCL flush
	0912	6 1/2	47				200	mix 100 sks SMD @ 11.8 ppg
		6 1/2	53				200	mix 150 sks SMD @ 12.9 ppg
		6 1/2	31				200	mix 100 sks SMD @ 13.5 ppg
		5	22				250	mix 75 sks SMD @ 14.5 ppg
			153 bbl total					425 sk total
	0940	6 3/4	49				200	Release plug Displace plug Cement to surface
	1000	6 3/4	84				350	Stop displacement Shot in casing
								wash truck
								Rack up
	1040							job complete + hats Dave Rig: Dhine

425 sk mixed
40 to pit
sk



Services, Inc.

CHARGE TO: AMERICAN WARRIOR

TICKET No 22183

ADDRESS

CITY, STATE, ZIP CODE

PAGE 1 OF 2

SERVICE LOCATIONS 1. NESS City, KS	WELL/PROJECT NO. MARSHALL 1-37	LEASE	COUNTRY/STATE NESS	STATE KS	CITY BAZINE, KS.	DATE 9 AUG 11	OWNER
2.	TICKET TYPE SALES	CONTRACTOR PETROMARK DRILLING	RIG NAME/NO.	SHIPPED WA	DELIVERED TO ADDITION	ORDER NO.	
3.	WELL TYPE OIL/GAS DEVELOPMENT	WELL CATEGORY S&L OIL/GAS	JOB PURPOSE S&L OIL/GAS	WELL PERMIT NO.	WELL LOCATION 3&E, S/W INTO		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
575					MILEAGE # 110	20	mi		6.00	120.00
578					RAMP CHARGE	1	JOB	2470	1500.00	1500.00
402					NEUTRALIZERS	7	EA		70.00	490.00
403					CEMENT BASKETS	2	EA		250.00	500.00
405					FORMATION PACKER SHOE	1	EA		1400.00	1400.00
406					LARCH DOWD PULVER Baffle	1	EA		250.00	250.00
281					MUD FLUSH	500	gal		1.25	625.00
281					LIQUID KCL	2	gal		25.00	50.00

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: 10 Aug 11
TIME SIGNED: 3:00 PM

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	4935.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				TAX	484.00
WE UNDERSTOOD AND MET YOUR NEEDS?				TOTAL	9779.00
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					

SWIFT OPERATOR: [Signature]
CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]
APPROVAL: [Signature]
Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 9 Aug 11 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE MARSHALL 1-27 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 20183

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							DN LOCATION
	2300							START PIPE 5 1/2" 14# LTD @ 4193 SET @ 2470' SHOE JOINT 42.40' CENTRALIZERS 1, 2, 3, 4, 5, 6, 7. CEMENT BASKETS 1, 8
	0015				✓		1100	SET PACKER SHOE - CIRCULATE
	0041	6	12		✓		200	Pump 500 gal MUD FLUSH
	0043	6	20		✓		200	Pump 20 BBL KCL FLUSH
	0050		7					PLUG RH (30sx)
	0053	4	39		✓		100	MIX 70sx SMD @ 11.2 ppG.
		4	20		✓			MIX 75sx SMD @ 14.5 ppG.
	0111							WASH OUT PUMPING LINES.
	0111							
	0114	6			✓			RELEASE PLUG START DISPLACEMENT
	0124	8	59		✓		1100	PLUG DOWN PRESSURE UP LATCH PLUG IN
	0126				✓			RELEASE PRESSURE - DRY
	0130							WASH TRUCK
	0200							JOB COMPLETE
								THANKS # 110
								JASON JEFF JOE.



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

TICKET CONTINUATION

TICKET No. 22183

CUSTOMER AMERICAN AIRRIDER WELL MARSHALL 1-27 DATE 9 AUG 11 PAGE 2 OF 2

276	1	PARCEL	50 lbs	2	100
290	1	D-AIR	1 3/4 GAL	35	52
287	1	GAS STOP	150 lbs	8	1200
330	1	SWIFT MULTI DENSITY	175 5x	10	2887
581	1	REFERENCE CHARGE	175 5x	2	357
582	1	TOTAL WEIGHT	175 40	257	250
		LOADED MILES	20		
		TON MILES	175 40		
					4840



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Jason Alm

Marshall 1-27
27-18s-21w Ness KS
Job Ticket: 042725 **DST#: 1**
Test Start: 2011.08.08 @ 13:27:59

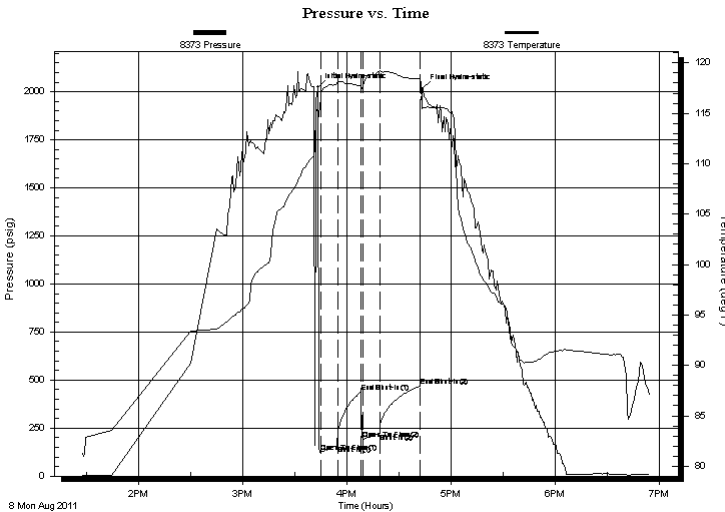
GENERAL INFORMATION:

Formation: **Cher A Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:44:54
Time Test Ended: 18:54:23
Interval: **4092.00 ft (KB) To 4122.00 ft (KB) (TVD)**
Total Depth: 4122.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 2112.00 ft (KB)
2110.00 ft (CF)
KB to GR/CF: 2.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 223.67 psig @ 4093.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.08 End Date: 2011.08.08 Last Calib.: 2011.08.08
Start Time: 13:27:59 End Time: 18:54:23 Time On Btm: 2011.08.08 @ 15:43:39
Time Off Btm: 2011.08.08 @ 16:43:39

TEST COMMENT: IF: 1 blow BOB in 3 min.
IS: Surface blow died in 8 min.
FF: 1/4 blow BOB in 7 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2023.50	115.52	Initial Hydro-static
2	123.93	116.35	Open To Flow (1)
11	162.04	118.02	Shut-In(1)
25	439.22	117.64	End Shut-In(1)
26	192.10	117.71	Open To Flow (2)
36	223.67	119.21	Shut-In(2)
59	468.67	118.41	End Shut-In(2)
60	2015.42	115.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
155.00	mcw 90%w 10%m	1.08
185.00	mcw 85%w 15%m	2.60
102.00	w cm 20%w 80%m	1.43

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Jason Alm

Marshall 1-27
27-18s-21w Ness KS
Job Ticket: 042725 **DST#: 1**
Test Start: 2011.08.08 @ 13:27:59

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: 27000 ppm
Viscosity: 41.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.98 in ³	Gas Cushion Type:	
Resistivity: 6200.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 0.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	mcw 90%w 10%m	1.081
185.00	mcw 85%w 15%m	2.595
102.00	w cm 20%w 80%m	1.431

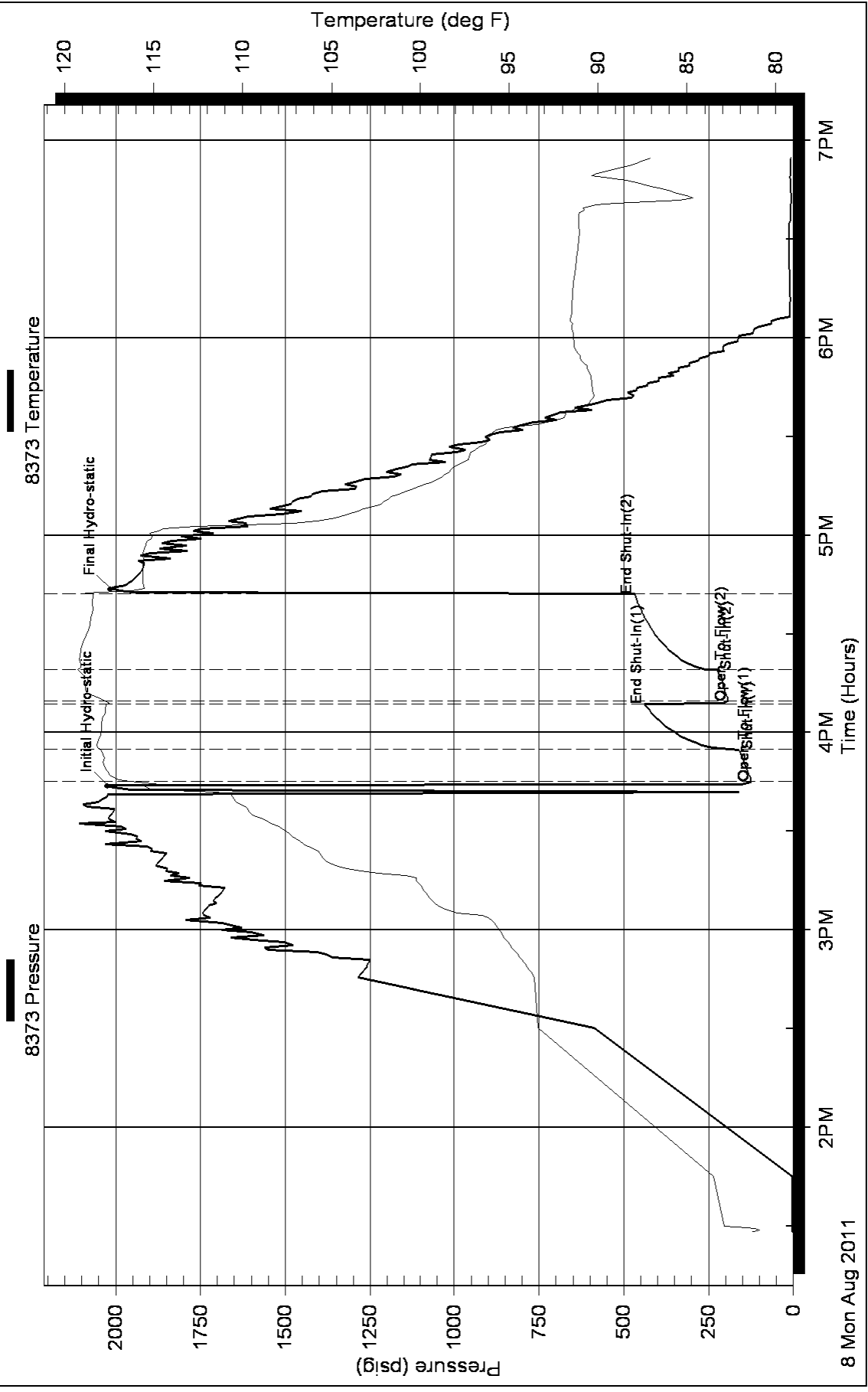
Total Length: 442.00 ft Total Volume: 5.107 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: .17@105=27000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Jason Alm

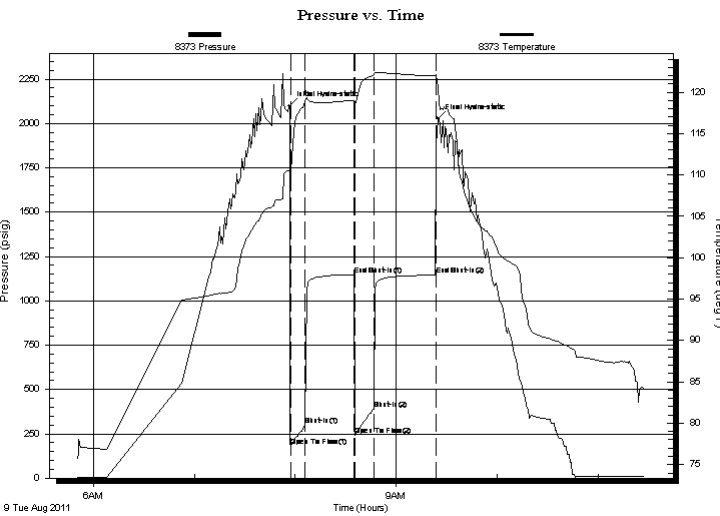
Marshall 1-27
27-18s-21w Ness KS
Job Ticket: 43676 **DST#: 2**
Test Start: 2011.08.09 @ 05:50:38

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:57:18
Time Test Ended: 11:27:32
Interval: **4187.00 ft (KB) To 4194.00 ft (KB) (TVD)**
Total Depth: 4194.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 2112.00 ft (KB)
2110.00 ft (CF)
KB to GR/CF: 2.00 ft

Serial #: 8373 Inside
Press @ Run Depth: 391.35 psig @ 4188.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.08.09 End Date: 2011.08.09 Last Calib.: 2011.08.09
Start Time: 05:50:38 End Time: 11:27:32 Time On Btm: 2011.08.09 @ 07:56:33
Time Off Btm: 2011.08.09 @ 09:24:33

TEST COMMENT: IF: BOB in 3 min.
IS: Surface blow died in 15 min.
FF: BOB in 3 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.09	110.60	Initial Hydro-static
1	181.86	110.38	Open To Flow (1)
10	296.22	118.92	Shut-In(1)
39	1148.56	119.04	End Shut-In(1)
39	244.34	118.71	Open To Flow (2)
50	391.35	122.03	Shut-In(2)
87	1145.30	121.95	End Shut-In(2)
88	2028.14	120.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	mcw 95%w 5%m	5.86
186.00	mcw 70%w 30%m	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
P.O. Box 399
Garden City, KS 67846
ATTN: Jason Alm

Marshall 1-27
27-18s-21w Ness KS
Job Ticket: 43676 **DST#: 2**
Test Start: 2011.08.09 @ 05:50:38

Mud and Cushion Information

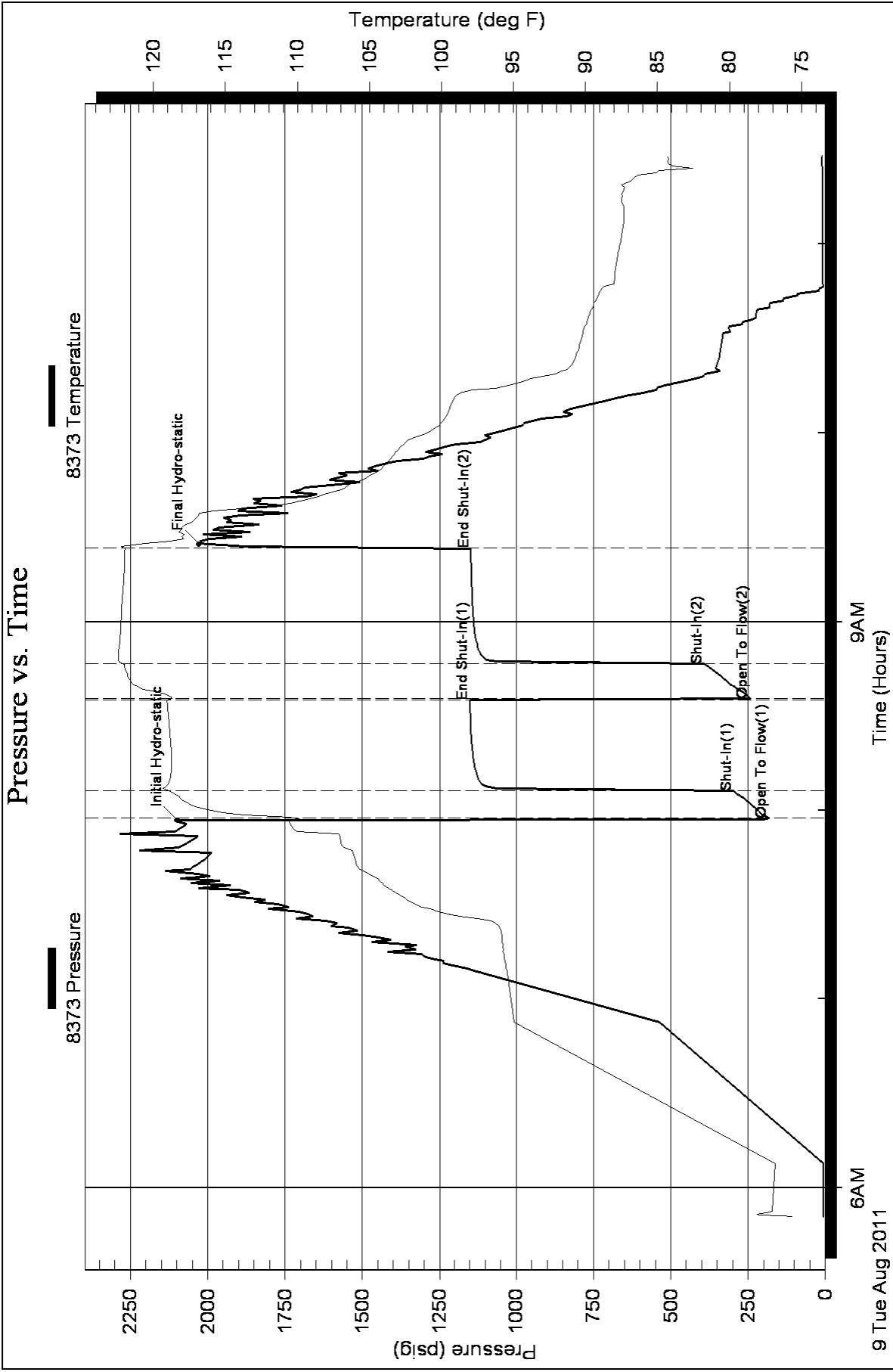
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 27000 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.80 in ³	Gas Cushion Type:	
Resistivity: 5800.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 0.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	mcw 95%w 5%m	5.864
186.00	mcw 70%w 30%m	2.609

Total Length: 682.00 ft Total Volume: 8.473 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .20@88=27000



Geological Report

American Warrior, Inc.

Marshall #1-27

1300' FSL & 2070' FWL

Sec. 27 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Marshall #1-27
1300' FSL & 2070' FWL
Sec. 27 T18s R21w
Ness County, Kansas
API # 15-135-25137-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: August 1, 2011

Completion Date: August 9, 2011

Elevation: 2106' Ground Level
2112' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 3 ½ mi. South into
location off highway.

Casing: 1342' 8 5/8" surface casing
2470' 5 1/2" production casing

Samples: 10' wet and dry, 3500' to RTD

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Robert Barnhart"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Brandon Turley"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Marshall #1-27 Sec. 27 T18s R21w 1300' FSL & 2070' FWL
Anhydrite	1328', +784
Base	1360', +752
Chase	2192', -80
Heebner	3562', -1450
Lansing	3606', -1494
BKc	3924', -1812
Pawnee	4006', -1894
Fort Scott	4076', -1964
Cherokee	4091', -1979
Cher. Sand	4164', -2052
Mississippian	4183', -2071
RTD	4194', -2082
LTD	4193', -2081

Sample Zone Descriptions

- Cherokee Sand (4103', -1991):** **Covered in DST #1**
 Ss – Quartz, Clear to slightly frosted, fine to medium grained, sub-angular, fair cementation, fairly sorted, with poor to fair inter-granular porosity, light to fair oil stain in cluster, slight show of free oil when broken, very light odor, dull yellow fluorescents, 16 units hotwire.
- Mississippian Osage (4183', -2071):** **Covered in DST #2**
 Dolo – Δ – Fine sucrosic crystalline with poor vuggy porosity, very heavy triptolitic chert, fairly weathered with fair vuggy porosity, light scattered oil stain in porosity, no show of free oil, light odor, very dull yellow fluorescents, 12 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Brandon Turley"

DST #1

Cherokee "A" Sand

Interval (4092' – 4122') Anchor Length 30'

IHP	– 2023 #	
IFP	– 10" – B.O.B. 3 min.	123-162 #
ISI	– 15" – W.S.B.	439 #
FFP	– 10" – B.O.B. 7 min.	192-224 #
FSI	– 15" – Dead	468 #
FHP	– 2015 #	
BHT	– 118°F	

Recovery: 442' Gassy Muddy Water

DST #2

Mississippian Osage

Interval (4187' – 4194') Anchor Length 7'

IHP	– 2098 #	
IFP	– 10" – B.O.B. 3 min.	181-296 #
ISI	– 30" – W.S.B.	1148 #
FFP	– 10" – B.O.B. 3 min.	244-391 #
FSI	– 30" – Dead	1145 #
FHP	– 2028 #	
BHT	– 122°F	

Recovery: 682' Gassy Muddy Water

Structural Comparison

	American Warrior, Inc. Marshall #1-27 Sec. 27 T18s R21w 1300' FSL & 2070' FWL	American Warrior, Inc. Jensen #2 Sec. 27 T18s R21w 1350' FSL & 1530' FEL		American Warrior, Inc. Jensen #3 Sec. 27 T18s R21w 1250' FSL & 680' FEL	
Formation					
Anhydrite	1328', +784	1322', +789	(-5)	1314', +798	(-14)
Base	1360', +752	NA	NA	1349', +763	(-11)
Chase	2192', -80	NA	NA	NA	NA
Heebner	3562', -1450	3560', -1449	(-1)	3564', -1452	(+2)
Lansing	3606', -1494	3606', -1495	(+1)	3608', -1496	(+2)
BKc	3924', -1812	3918', -1807	(-5)	3926', -1812	FL
Pawnee	4006', -1894	3998', -1887	(-7)	4008', -1894	FL
Fort Scott	4076', -1964	4068', -1957	(-7)	4079', -1965	(+1)
Cherokee	4091', -1979	4085', -1974	(-5)	4094', -1982	(+3)
Mississippian	4164', -2052	NA	NA	NA	NA
Osage	4183', -2071	4164', -2053	(-18)	4194', -2080	(+9)

Summary

The location for the Marshall #1-27 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 were negative. After all gathered data had been examined the decision was made to run 5½ inch production casing to further evaluate the shallow gas zones in the Marshall #1-27 well.

Recommended Perforations

Primary:

Krider Upper	(2202' – 2208')	Not Tested
Krider Lower	(2218' – 2228')	Not Tested

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.

