



KANSAS CORPORATION COMMISSION 1081964
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: _____



1081964

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	Marshall 2-27
Doc ID	1081964

Tops

Name	Top	Datum
Anhydrite	1378	783
Chase	2248	-87
Heebner	3611	-1450
Lansing	3656	-1495
Base Kansas City	3977	-1816
Pawnee	4056	-1895
Ft. Scott	4128	-1967
Cherokee	4143	-1982
Mississippian	4221	-2060
TD	4230	-2069



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67646

ATTN: Jason Alm

Marshall #2-27

27-18s-21w Ness,KS

Start Date: 2012.01.19 @ 04:49:06

End Date: 2012.01.19 @ 11:52:36

Job Ticket #: 46410 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.20 @ 11:59:29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

27-18s-21w Ness, KS

Marshall #2-27

Job Ticket: 46410

DST#: 1

Test Start: 2012.01.19 @ 04:49:06

GENERAL INFORMATION:

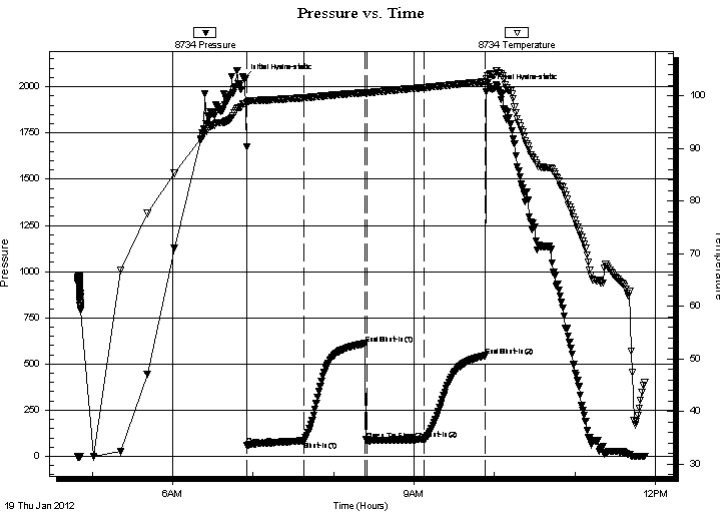
Formation: **Cherokee Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:55:36
 Time Test Ended: 11:52:36
 Interval: **4142.00 ft (KB) To 4205.00 ft (KB) (TVD)**
 Total Depth: 4205.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2161.00 ft (KB)
 2155.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8734

Outside

Press @ Run Depth: 91.05 psig @ 4145.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.19 End Date: 2012.01.19 Last Calib.: 2012.01.19
 Start Time: 04:49:07 End Time: 11:52:36 Time On Btm: 2012.01.19 @ 06:53:06
 Time Off Btm: 2012.01.19 @ 09:57:06

TEST COMMENT: IFP - weak blow throughout sur 3"
 ISI - no blow back 10 min - weak sur blow back - died 15 min
 FFP - weak to fair blow sur - 4"
 FSI - no blow back



PRESSURE SUMMARY

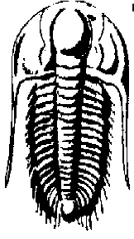
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.11	98.55	Initial Hydro-static
3	60.51	98.69	Open To Flow (1)
45	84.07	99.62	Shut-In(1)
91	610.24	100.62	End Shut-In(1)
92	85.35	100.51	Open To Flow (2)
135	91.05	101.57	Shut-In(2)
180	545.56	102.67	End Shut-In(2)
184	1989.60	104.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	HOCM 30%O, 70%M	0.74

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

27-18s-21w Ness, KS
Marshall #2-27
Job Ticket: 46410
Test Start: 2012.01.19 @ 04:49:06

DST#: 1

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:55:36
Time Test Ended: 11:52:36
Test Type: Conventional Bottom Hole (Initial)
Tester: Brian Fairbank
Unit No: 41
Interval: **4142.00 ft (KB) To 4205.00 ft (KB) (TVD)**
Reference Elevations: 2161.00 ft (KB)
Total Depth: 4205.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches
Hole Condition: Good
KB to GR/CF: 6.00 ft

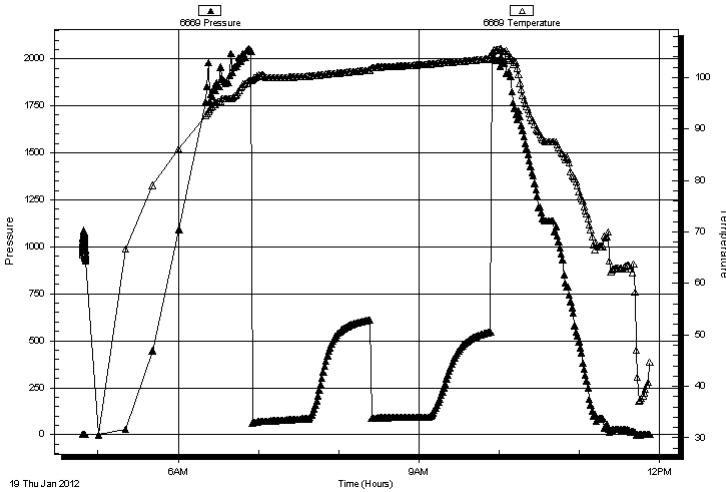
Serial #: 6669

Inside

Press@RunDepth: psig @ 4145.00 ft (KB)
Capacity: 8000.00 psig
Start Date: 2012.01.19
End Date: 2012.01.19
Last Calib.: 2012.01.19
Start Time: 04:48:37
End Time: 11:53:06
Time On Btm:
Time Off Btm:

TEST COMMENT: IFP - weak blow throughout sur 3"
ISI - no blow back 10 min - weak sur blow back - died 15 min
FFP - weak to fair blow sur - 4"
FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
130.00	HOCM 30%O, 70%M	0.74

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

27-18s-21w Ness, KS

PO Box 399
Garden City, KS 67646

Marshall #2-27

Job Ticket: 46410

DST#: 1

ATTN: Jason Alm

Test Start: 2012.01.19 @ 04:49:06

Tool Information

Drill Pipe:	Length: 4009.00 ft	Diameter: 3.80 inches	Volume: 56.24 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 56.83 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4142.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4120.00	
Hydraulic tool	5.00			4125.00	
Jars	5.00			4130.00	
Safety Joint	2.00			4132.00	
Packer	5.00			4137.00	27.00 Bottom Of Top Packer
Packer	5.00			4142.00	
Stubb	1.00			4143.00	
Perforations	1.00			4144.00	
Change Over Sub	1.00			4145.00	
Recorder	0.00	6669	Inside	4145.00	
Recorder	0.00	8734	Outside	4145.00	
Blank Spacing	31.00			4176.00	
Change Over Sub	1.00			4177.00	
Perforations	25.00			4202.00	
Bullnose	3.00			4205.00	63.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

27-18s-21w Ness, KS

PO Box 399
Garden City, KS 67646

Marshall #2-27

Job Ticket: 46410

DST#: 1

ATTN: Jason Alm

Test Start: 2012.01.19 @ 04:49:06

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: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	HOCM 30%O, 70%M	0.740

Total Length: 130.00 ft Total Volume: 0.740 bbl

Num Fluid Samples: 0

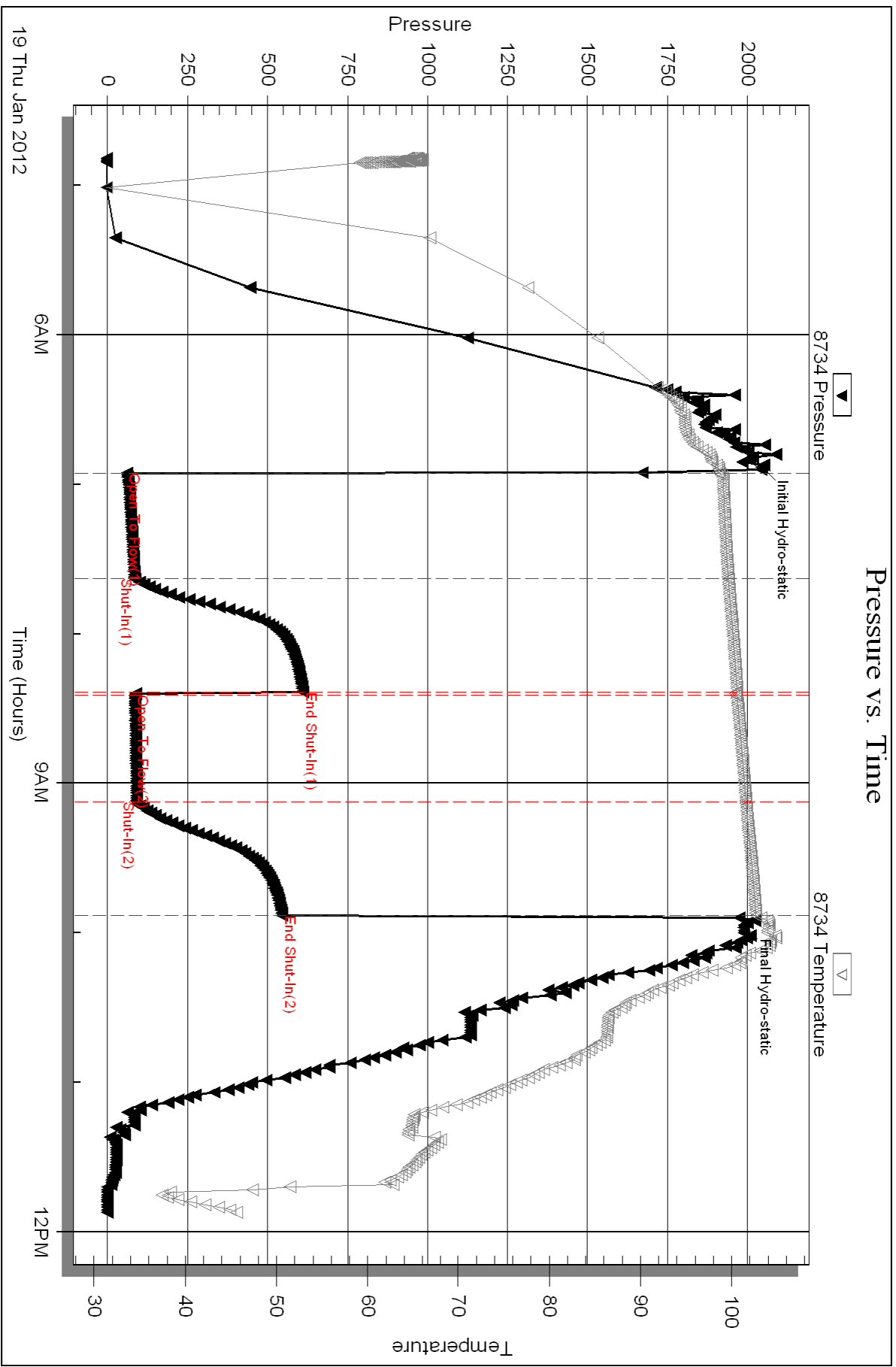
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



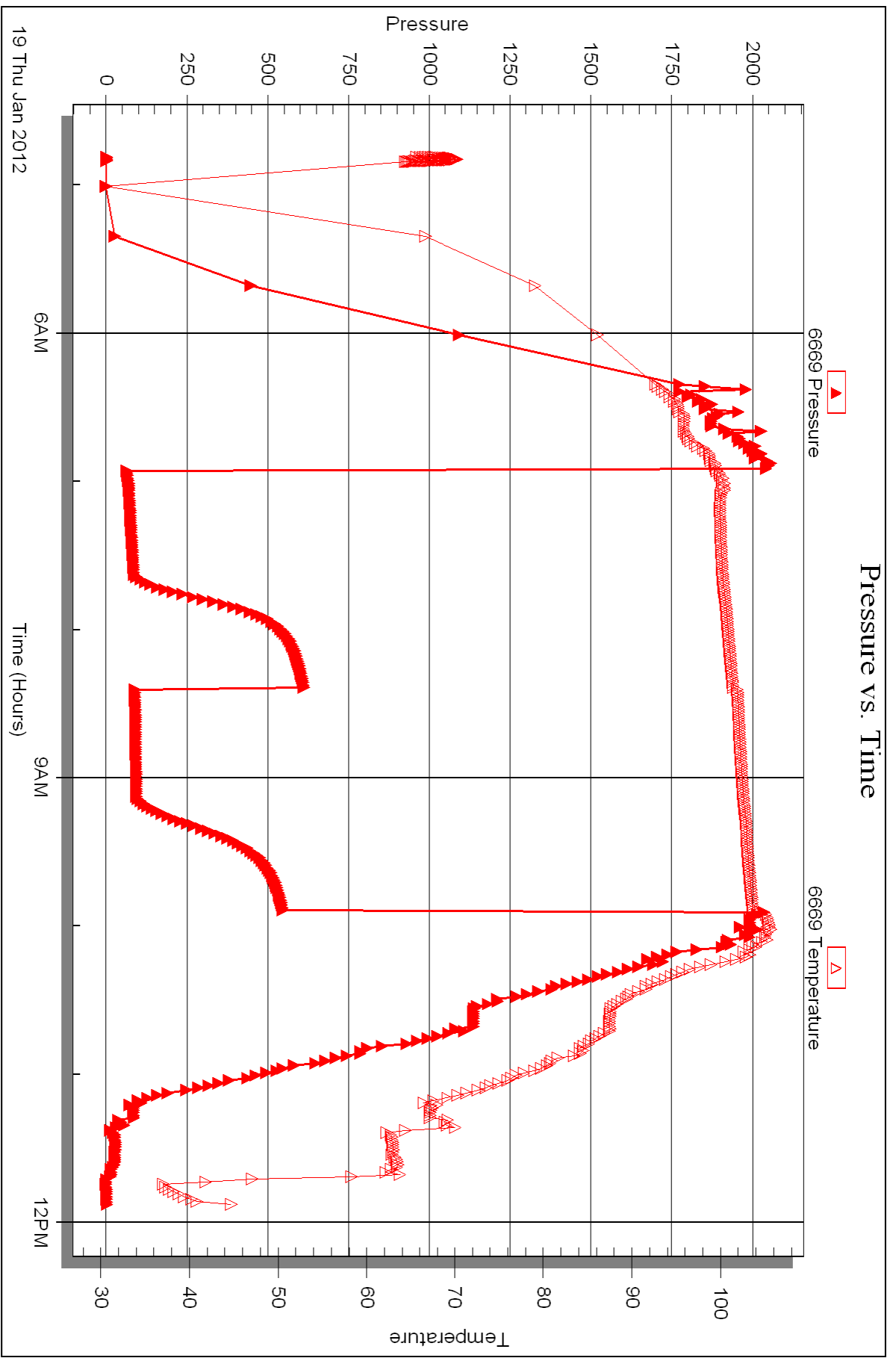
Serial #: 6669

Inside

American Warrior Inc.

Marshall #2-27

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67646

ATTN: Jason Alm

Marshall #2-27

27-18s-21w Ness,KS

Start Date: 2012.01.19 @ 21:14:01

End Date: 2012.01.20 @ 04:25:01

Job Ticket #: 46411 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.01.20 @ 11:58:29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

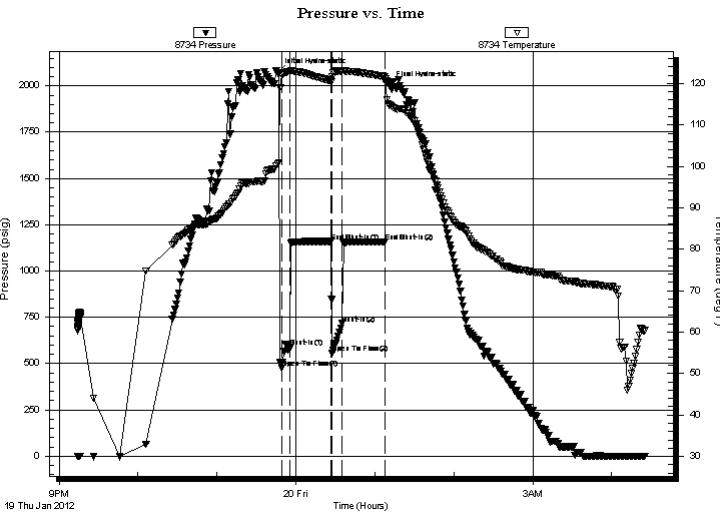
27-18s-21w Ness, KS
Marshall #2-27
Job Ticket: 46411 **DST#: 2**
Test Start: 2012.01.19 @ 21:14:01

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:49:01
Time Test Ended: 04:25:01
Interval: **4223.00 ft (KB) To 4229.00 ft (KB) (TVD)**
Total Depth: 4229.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2161.00 ft (KB)
2155.00 ft (CF)
KB to GR/CF: 6.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Brian Fairbank
Unit No: 41

Serial #: 8734 Outside
Press @ Run Depth: 715.83 psig @ 4224.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.19 End Date: 2012.01.20 Last Calib.: 2012.01.20
Start Time: 21:14:04 End Time: 04:25:03 Time On Btm: 2012.01.19 @ 23:46:03
Time Off Btm: 2012.01.20 @ 01:10:33

TEST COMMENT: IFP - BOB 1 min
ISI - 1/4" blow back
FFP - BOB 40 sec
FSI - 1/4" blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.95	100.69	Initial Hydro-static
3	473.74	122.16	Open To Flow (1)
10	589.97	122.95	Shut-In(1)
41	1159.96	120.63	End Shut-In(1)
42	555.59	121.70	Open To Flow (2)
49	715.83	122.95	Shut-In(2)
82	1159.05	121.72	End Shut-In(2)
85	2004.40	114.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MW 95%W, 5%M	7.61
310.00	SO & MCW 5%O, 90%W, 5%M	4.35
340.00	SGO & MCW 10%G, 5%O, 80%W, 5%M	4.77
95.00	HOCM 40%O, 60%M	1.33

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

27-18s-21w Ness, KS

Marshall #2-27

Job Ticket: 46411

DST#: 2

Test Start: 2012.01.19 @ 21:14:01

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:49:01

Time Test Ended: 04:25:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: 4223.00 ft (KB) To 4229.00 ft (KB) (TVD)

Reference Elevations: 2161.00 ft (KB)

Total Depth: 4229.00 ft (KB) (TVD)

2155.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 6669 Inside

Press @ Run Depth: psig @ 4224.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.19 End Date: 2012.01.20

Last Calib.: 2012.01.20

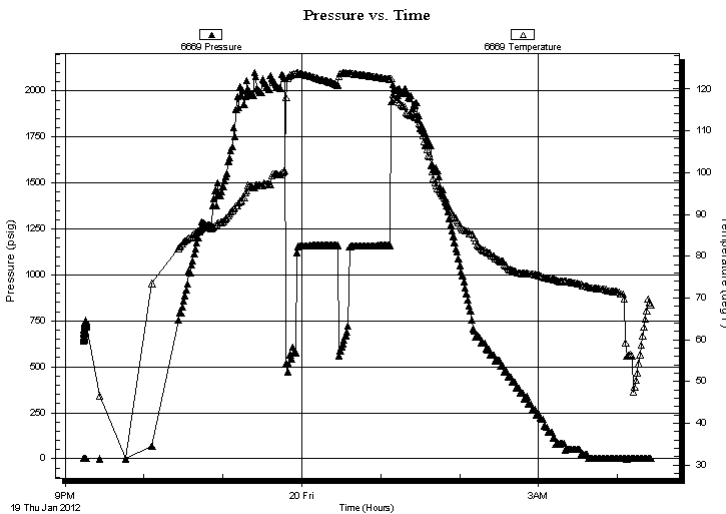
Start Time: 21:14:06 End Time: 04:25:05

Time On Btm:

Time Off Btm:

TEST COMMENT: IFP - BOB 1 min
ISI - 1/4" blow back
FFP - BOB 40 sec
FSI - 1/4" blow back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MW 95%W, 5%M	7.61
310.00	SO & MCW 5%O, 90%W, 5%M	4.35
340.00	SGO & MCW 10%G, 5%O, 80%W, 5%M	4.77
95.00	HOCM 40%O, 60%M	1.33

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

27-18s-21w Ness, KS

PO Box 399
Garden City, KS 67646

Marshall #2-27

Job Ticket: 46411

DST#: 2

ATTN: Jason Alm

Test Start: 2012.01.19 @ 21:14:01

Tool Information

Drill Pipe:	Length: 4101.00 ft	Diameter: 3.80 inches	Volume: 57.53 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: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4223.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4201.00	
Hydraulic tool	5.00			4206.00	
Jars	5.00			4211.00	
Safety Joint	2.00			4213.00	
Packer	5.00			4218.00	27.00 Bottom Of Top Packer
Packer	5.00			4223.00	
Stubb	1.00			4224.00	
Recorder	0.00	6669	Inside	4224.00	
Recorder	0.00	8734	Outside	4224.00	
Perforations	2.00			4226.00	
Bullnose	3.00			4229.00	6.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

27-18s-21w Ness, KS

PO Box 399
Garden City, KS 67646

Marshall #2-27

Job Ticket: 46411

DST#: 2

ATTN: Jason Alm

Test Start: 2012.01.19 @ 21:14:01

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:

40000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
620.00	MW 95%W, 5%M	7.613
310.00	SO & MCW 5%O, 90%W, 5%M	4.348
340.00	SGO & MCW 10%G, 5%O, 80%W, 5%M	4.769
95.00	HOCM 40%O, 60%M	1.333

Total Length: 1365.00 ft

Total Volume: 18.063 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

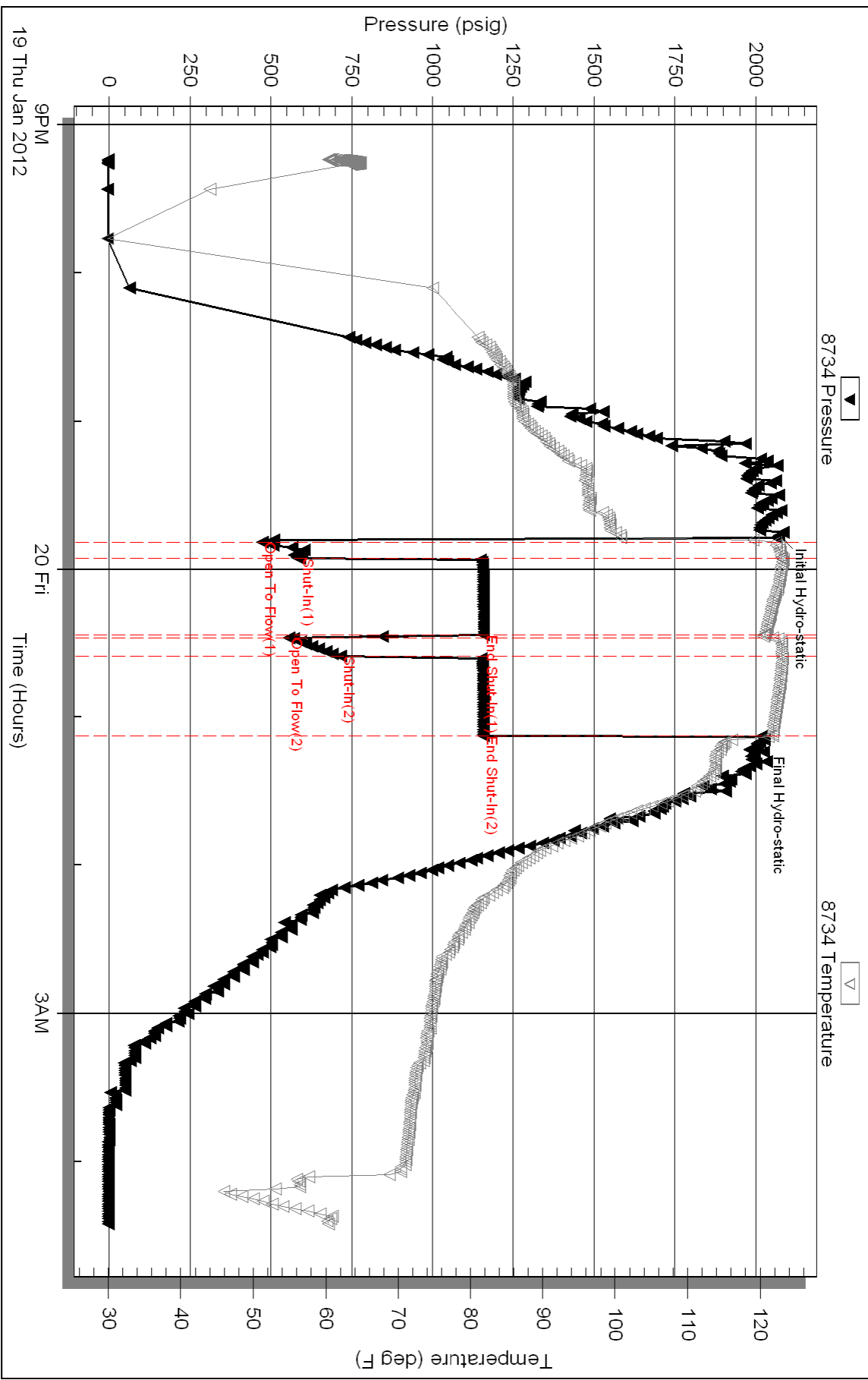
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



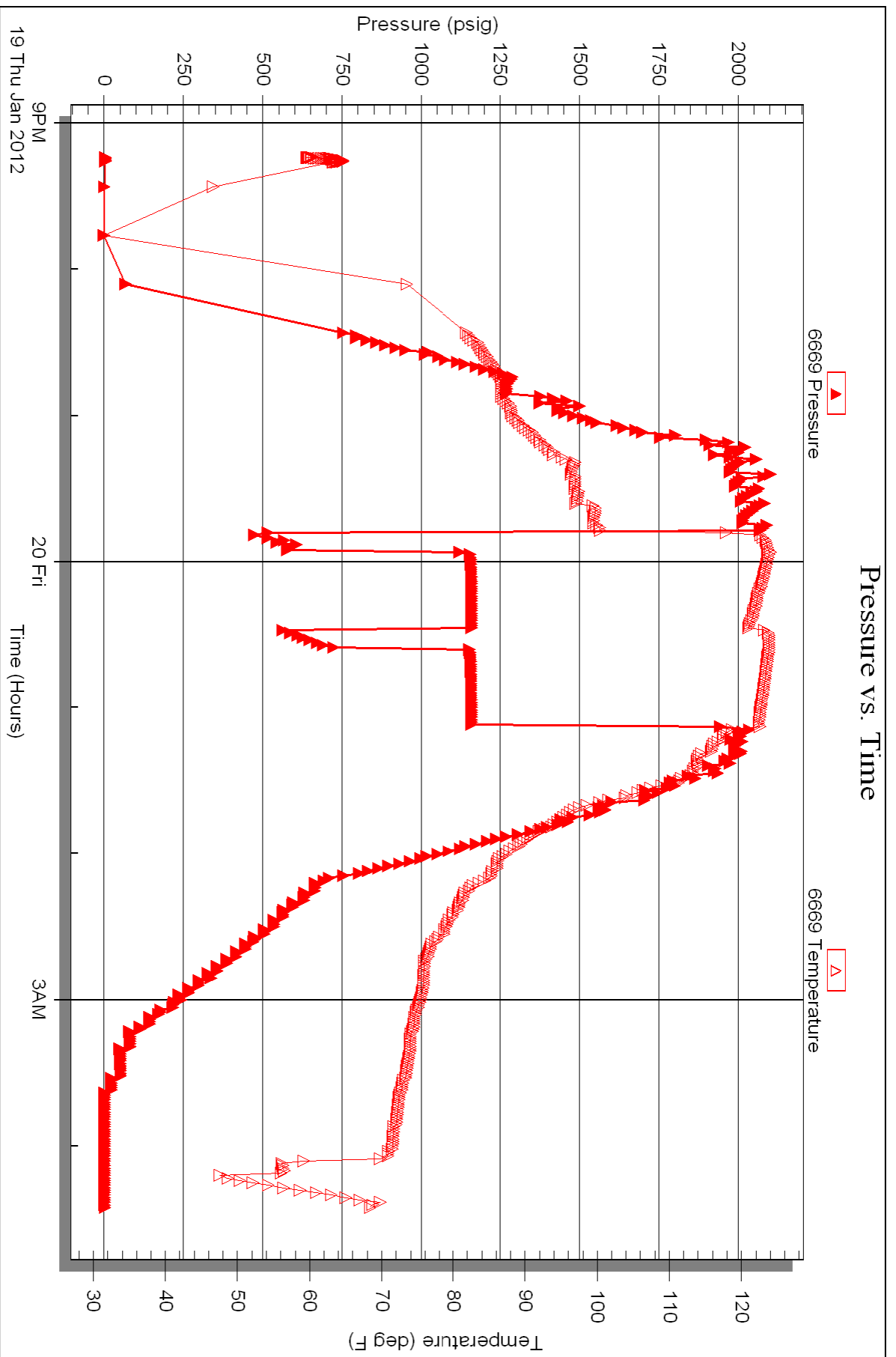
Serial #: 6669

Inside

American Warrior Inc.

Marshall #2-27

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVE Test Ticket

JAN 20 2012

NO. 46410

BY: _____

Well Name & No. Marshall # 2-27 Test No. 1 Date 1-19-12
 Company Am Wensor Elevation 2161 KB 2155 GL
 Address 3118 Cummings Rd PO Box 399 Garden City, Ks 67646
 Co. Rep / Geo. Jasen Alon Rig Petromark 1
 Location: Sec. 27 Twp. 18 Rge. 21 Co. Ness State Ks

Interval Tested 4142-4205 Zone Tested Charcoal sand
 Anchor Length 63 Drill Pipe Run 4009 Mud Wt. 9.3
 Top Packer Depth 4137 Drill Collars Run 119 Vis 65
 Bottom Packer Depth 4142 Wt. Pipe Run — WL 9.6
 Total Depth 4205 Chlorides 8000 ppm System LCM
 Blow Description IFP-weak blow throughout sur-3"
ISI- no blow back 10 min - weak sur blow back - died 15 min
FFP- weak to fair blow sur-4"
FSI- no blow back

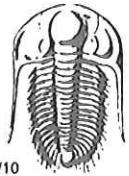
Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>HOCM</u>	<u>30</u>		<u>70</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 130 BHT 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2045</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>0122</u>
(B) First Initial Flow <u>61</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>0449</u>
(C) First Final Flow <u>84</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>0654</u>
(D) Initial Shut-In <u>610</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0954</u>
(E) Second Initial Flow <u>85</u>	<input type="checkbox"/> Hourly Standby <u>1/2hr 50'</u>	T-Out <u>1153</u>
(F) Second Final Flow <u>91</u>	<input checked="" type="checkbox"/> Mileage <u>99 RT 138.60</u>	Comments <u>10' Fill + tool</u>
(G) Final Shut-In <u>546</u>	<input type="checkbox"/> Sampler	<u>slid 5' to bottom</u>
(H) Final Hydrostatic <u>1990</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Accessibility	Total <u>1738.60</u>
Final Shut-In <u>45</u>	Sub Total <u>1738.60</u>	MP/DST Disc't

Approved By _____ Our Representative Brian Fairbank

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

RECEIVED
JAN 20 2012

Test Ticket

NO. 46411

BY: _____

Well Name & No. Marshall 2-27 Test No. 2 Date 1-19-12
 Company Am Worrier Elevation 2161 KB 2155 GL
 Address _____
 Co. Rep / Geo. Jesse Alm Rig Petromark 1
 Location: Sec. 27 Twp. 18 Rge. 21 Co. Neos State 10

Interval Tested 4223-4229 Zone Tested Miss
 Anchor Length 6 Drill Pipe Run 4101 Mud Wt. 9.3
 Top Packer Depth 4218 Drill Collars Run 119 Vis 65
 Bottom Packer Depth 4223 Wt. Pipe Run _____ WL 9.6
 Total Depth 4229 Chlorides 8000 ppm System LCM _____

Blow Description DFP- BOB 1 min
ISI- 1/4" blow back
FFP- BOB 40 sec
FST- 1/4" blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>95</u>	<u>HOCM</u>		<u>40</u>	<u>60</u>	
<u>340</u>	<u>SGO+MCW</u>	<u>10</u>	<u>5</u>	<u>80</u>	<u>5</u>
<u>310</u>	<u>SO+MCW</u>		<u>5</u>	<u>90</u>	<u>5</u>
<u>620</u>	<u>MW</u>			<u>95</u>	<u>5</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 1365 BHT 122 Gravity _____ API RW 271 @ 50 ° F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>2072</u>	<input type="checkbox"/> Test <u>1225'</u>	T-On Location <u>2010</u>
(B) First Initial Flow <u>474</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>2114</u>
(C) First Final Flow <u>590</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>2347</u>
(D) Initial Shut-In <u>1160</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0107</u>
(E) Second Initial Flow <u>746 556</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0425</u>
(F) Second Final Flow <u>716</u>	<input checked="" type="checkbox"/> Mileage <u>99RT 138.60</u>	Comments _____
(G) Final Shut-In <u>1159</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2004</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1688.60</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1688.60</u>	

Approved By _____ Our Representative Brian Farbank

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Geological Report

American Warrior, Inc.

Marshall #2-27

335' FSL & 900' FWL

Sec. 27 T18s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Marshall #2-27
335' FSL & 900' FWL
Sec. 27 T18s R21w
Ness County, Kansas
API # 15-135-25323-0000

Drilling Contractor: Petromark Drilling, LLc. Rig #1

Geologist: Jason Alm

Spud Date: January 12, 2012

Completion Date: January 20, 2012

Elevation: 2155' Ground Level
2161' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 3 mi. to GG rd. South
on GG rd. 1/8th mi. East into Location.

Casing: 227' 8 5/8" surface casing
4228' 5 1/2" production casing

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

Drilling Time: 3500' to RTD

Electric Logs: Log-Tech, Inc. "Brett Becker"
CNL/CDL, DIL

Drillstem Tests: Two, Trilobite Testing, Inc. "Brian Fairbanks"

Problems: Test tool slid 10 ft. to bottom on DST #1

Remarks: Gas Detector was carrying nearly 80 units of
background gas after DST #1. Therefore the
Mississippian did not show a gas kick through the
background.

Formation Tops

Formation	American Warrior, Inc. Marshall #2-27 Sec. 27 T18s R21w 330' FSL & 900' FWL
Anhydrite	1378', +783
Base	1410', +751
Chase	2248', -87
Heebner	3611', -1450
Lansing	3656', -1495
BKc	3977', -1816
Pawnee	4056', -1895
Fort Scott	4128', -1967
Cherokee	4143', -1982
Mississippian	4221', -2060
RTD	4229', -2068
LTD	4229', -2068

Sample Zone Descriptions

- Cherokee "A" Sand (4126', -1965):** **Covered in DST #1**
 Ss – Quartz, fine to very fine grained, sub-rounded, well cemented, fairly sorted with poor to very poor inter-granular porosity, light scattered tarry oil stain in cluster, no show of free oil, 10 units hotwire.
- Cherokee "C" Sand (4183', -2022):** **Covered in DST #1**
 Ss – Quartz, fine to medium grained, sub-rounded, fairly sorted, poor to fair cementation, with poor to fair inter-granular porosity, light oil stain in cluster, good show of free oil when broken, fair to good yellow fluorescents, no odor, 12 units hotwire.
- Mississippian Osage (4221', -2060):** **Covered in DST #2**
 Dolo – Δ – Fine sucrosic crystalline with poor to fair vuggy porosity, heavy tripolitic chert, fairly weathered with scattered good vuggy porosity, light to good oil stain in porosity, good spotted yellow fluorescents.

Drill Stem Tests
 Trilobite Testing, Inc.
 “Brian Fairbanks”

DST #1

Cherokee Sand

Interval (4142' – 4205') Anchor Length 63'

IHP	– 2045 #	
IFP	– 45” – Built to 3 in.	60-84 #
ISI	– 45” – W.S.B.	610 #
FFP	– 45” – Built to 4 in.	85-91 #
FSI	– 45” – Dead	545 #
FHP	– 1989 #	
BHT	– 104°F	

Recovery: 130' HOCCM 30% Oil

DST #2

Mississippian Osage

Interval (4223' – 4229') Anchor Length 6'

IHP	– 2071 #	
IFP	– 10” – B.O.B. 1 min.	473-589 #
ISI	– 30” – Built to ¼ in.	1160 #
FFP	– 10” – B.O.B. 40 sec.	555-715 #
FSI	– 30” – Built to ¼ in.	1159 #
FHP	– 2004 #	
BHT	– 122°F	

Recovery: 95' HOCCM 40% Oil
 340' SGO&MCW 5% Oil, 80% Water
 310' SO& MCW 5% Oil, 90% Water
 620' MCW

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	Marshall #2-27	Marshall #1		Marshall #1-27	
	Sec. 27 T18s R21w	Sec. 27 T18s R21w		Sec. 27 T18s R21w	
Formation	330' FSL & 900' FWL	330' FSL & 1300' FWL		1300' FSL & 2070' FWL	
Anhydrite	1378', +783	NA	NA	1328', +784	(-1)
Base	1410', +751	NA	NA	1360', +752	(-1)
Chase	2248', -87	2224', -85	(-2)	2192', -80	(-7)
Heebner	3611', -1450	3592', -1453	(+3)	3562', -1450	FL
Lansing	3656', -1495	3636', -1497	(+2)	3606', -1494	(-1)
BKc	3977', -1816	3954', -1815	(-1)	3924', -1812	(-4)
Pawnee	4056', -1895	4034', -1895	FL	4006', -1894	(-1)
Fort Scott	4128', -1967	4106', -1967	FL	4076', -1964	(-3)
Cherokee	4143', -1982	4122', -1983	(+1)	4091', -1979	(-3)
Mississippian	4221', -2060	4196', -2057	(-3)	4183', -2071	(+11)

Summary

The location for the Marshall #2-27 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 Cherokee Sand. After all gathered data had been examined the decision was made to run 5½ inch production casing to further evaluate the Marshall #2-27 well.

Recommended Perforations

Primary:

Cherokee "C" Sand	(4183' – 4190')	DST #1
Cherokee "A" Sand	(4146' – 4151')	DST #1

Before Abandonment:

Mississippian Osage	(4221' – 4224')	DST #2
----------------------------	------------------------	---------------

Respectfully Submitted,

Jason T. Alm
Hard Rock Consulting, Inc.



CEMENTING LOG

STAGE NO. _____

Date 1-13-12 District Coca + Banks Ticket No. 47361
 Company American Warrior Zone Rig Petromark Sig 1
 Lease Marshall Well No. 2-27
 County Ness State KS

CEMENT DATA:
 Spacer Type: Freshwater
 Amt. 5661 Skys Yield - ft³/sk Density 8.34 PPG

Location Barine KS East to G 1161 Field _____
200 ft south east side

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 5/8 Type 110 Weight 73 lb Collar Standard

TAIL: Pump Time 11.4 min hrs. Type Ness 11.2% cc
2% gel Excess 100% 90

Casing Depths: Top X 3 Bottom 223

Amt. 150 Skys Yield 1.34 ft³/sk Density 15.2 PPG
 WATER: Lead _____ gals/sk Tail 651 gals/sk Total 23.25 Bbls.

Pump Trucks Used 366 Austin
 Bulk Equip. 341 Tustin W Vance P

Drill Pipe: Size 4 1/2 Weight _____ Collars slide
 Open Hole: Size 17 1/4 T.D. 227 ft. P.B. to _____ ft.

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.60

Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type Freshwater Amt. 13.25 Bbls. Weight 8.34 PPG
 Mud Type Native Weight 9.1 PPG

COMPANY REPRESENTATIVE _____ CEMENTER Bob R.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						On location - Rig up
						Safety meeting
						Run casing - break circulation
						Rig up cement pump
						Start freshwater
				5.00	5.00 bbl	Freshwater in - start cement
				28.25	23.25 bbl	Cement in - stop pumps
						Start displacement
				41.50	13.25 bbl	Cement and circulate
						Displacement in - plug loss - stop pumps

ALLIED CEMENTING CO., LLC. 042361

PHONE 816-223-5975

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

SERVICE POINT:

Coca Bend #25
1-14-12

DATE <i>1-13-12</i>	SEC. <i>27</i>	TWP. <i>18 S</i>	RANGE <i>21 W</i>	CALLED OUT	ON LOCATION	JOB START <i>12:00 am</i>	JOB FINISH <i>12:30 am</i>	
LEASE <i>Marshall</i>	WELL # <i>2-27</i>	LOCATION <i>Bazine #25 East to GG Rd</i>			COUNTY <i>Ness</i>	STATE <i>KS</i>		
OLD OR NEW (Circle one)		<i>200 ft South E. into</i>						

CONTRACTOR *Retromark Rq #1*
 TYPE OF JOB *Surface*
 HOLE SIZE *12 1/4* T.D. *227*
 CASING SIZE *8 3/8 - 23 #* DEPTH *223*
 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 *Freshwater*

OWNER *American Warrior Inc*
 CEMENT
 AMOUNT ORDERED *150 sac Cem 3 Place 29 gal*
 COMMON *150* @
 POZMIX @
 GEL *3* @
 CHLORIDE *5* @
 ASC @
 HANDLING @
 MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER *Bob G.*
 # *306* HELPER *Dustin C.*
 BULK TRUCK
 # *341* DRIVER *Vince P. Kavinich*
 BULK TRUCK
 # DRIVER

REMARKS:

*Open on bottom to create circulation with rig mud.
 Run 150 sac Cem 3 Place 29 gal
 Displace with 13.25 bbl Fresh water and shut
 in.
 Cement did circulate*

SERVICE

DEPTH OF JOB *223*
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE @
 MANIFOLD @
 TOTAL

CHARGE TO *American Warrior Inc*
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., 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 *Johan Smith*
 SIGNATURE *[Signature]*

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

Thank you!



Services, Inc.

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

TICKET NO. 21549

PAGE 1 OF 2

SEWELL LOCATIONS
 1. Ness City, KS
 2.
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. MARSHAL 2-27
 LEASE
 COUNTY/PANISH NESS
 STATE KS
 CITY BRAINE, KS
 DATE 20JAN12
 OWNER

TICKET TYPE CONTRACTOR
 SERVICE
 SALES
 PETRO MARK DRILLING
 RIG NAME NO.
 SHIPPED VIA
 DELIVERED TO
 ORDER NO.

WELL TYPE OIL
 WELL CATEGORY DEVELOPMENT
 JOB PURPOSE S¹ LONGSTRING
 WELL PERMIT NO.
 WELL LOCATION 3E 1/4 S E/4 N1/2

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
575					MILEAGE # 110	25	MIL		6.00	150.00
578					PUMP CHARGE	1	HR	4128 FT	1500.00	1500.00
402					CENTRALIZERS	5	EA		70.00	350.00
403					CEMENT BASKETS	2	EA		250.00	500.00
404					PORT COLLAR	1	EA	1354 FT.	241.00	241.00
406					LATCH DOWN PLUG & BARGE	1	EA		250.00	250.00
407					USERS FLOAT SHOE W/AUTO FILL	1	EA		350.00	350.00
281					FLUID FLUSH	5	000		1.25	6.25
221					LIQUID KCL	2	BAK		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

DATE SIGNED 20JAN12 TIME SIGNED 2:50 P.M.
 A.M.
 P.M.

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

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECIDED DIS-AGREE
 PAGE TOTAL 6375.00
 TAX 4541.50
 TOTAL 10916.50

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



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

TICKET CONTINUATION

TICKET No. 21549

CUSTOMER AMERICAN WARRIOR
WELL MARSHAL 9-27
DATE 20 JAN 12
PAGE 2 OF 2

276	FLUCELE	41 1/8	2	88
283	SALT	980/lbs	2	180
284	CALSEAL	815x	35	280
292	ALAKAD 322	124/lbs	7	961
29D	D-AIR	2 1/2	35	170
325	STANDARD CEMENT	1755x	13	2302
381	SERVICE CHARGE	1755x	2	350
582	TOTAL WEIGHT	LOADED MILES	TON MILES	
	78518	25	228.97	250
				4541

JOB LOG

SWIFT Services, Inc.

DATE 20 JAN 12 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE MARSHAL 2-27 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 21549

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							ON LOCATION
	1455							START PIPE 5 1/2 - 15.5# RTD @ 4229 LTD @ 4229 SHOE JT. 412.11 SET @ 4228 CENTRALIZERS 1,2,3,4 L68 BASKETS # 5, L69 PORT COLLAR TOP OF # L69 @ 1354
	1911							DROP BALL CIRCULATE.
	1937	6	12		✓		300	Pump 500 gal MUD FLUSH
	1939	6	20		✓		300	Pump 20 BHP KCL FLUSH
	1942		7					PLUG RH (30s)
	1944	4	35		✓			MIX 145 s x EA2
	1957							WASH OUT PUMPING LINES
	1959	6			✓			RELEASE PLUG START DISPLACEMENT
	2016		100		✓		1500	PLUG DOWN PSI UP LATCH PLUG IN
								RELEASE PSI - DRY
	2018							
	2020							WASH TRUCK
	2050							JOB COMPLETE
								THANKS #110
								JASON JEFF DOUG



Services, Inc.

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

TICKET No 21537

PAGE 1 OF 1

SERVICE LOCATIONS: *Hardy KS*

WELL/PROJECT NO: *2-27*

LEASE: *Marshall*

COUNTY/PARISH: *Nevo*

STATE: *KS*

CITY: *Bazine*

DATE: *26 Jan 12*

OWNER:

TICKET TYPE: SERVICE SALES

CONTRACTOR:

RIG NAME/NO:

ORDER NO.:

WELL TYPE: *0.1*

WELL CATEGORY: *Development*

JOB PURPOSE: *Cement port collar*

WELL PERMIT NO.:

WELL LOCATION: *27-14-2141*

INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	TRK	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF									
575													
576D					Pump Charge		25	mi				6.00	150.00
330					SMID cement		1	04				1250.00	1250.00
276					Flacker		120	sk				16.50	1980.00
290					D-AIR		50	lb				2.00	100.00
104					PET COLLAR OPENING TRX Rental		2	gal				35.00	70.00
581					Service charge		1	ea				250.00	250.00
582					Drayage (min)		173	sk				2.00	350.00
							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: A.M. P.M.

REMIT PAYMENT TO:

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: *4400.00*

TAX: *7.55*

TOTAL: *4551.20*

SWIFT OPERATOR: *Rebill*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: *Rebill*

APPROVAL:

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 26 Jan 12 PAGE NO.

CUSTOMER American Warrior WELL NO. 2-27 LEASE Marshall JOB TYPE Cement port collar TICKET NO. 21557

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sks SMD w/ 3/4" Floccer 2 3/8" 5 1/2" Port Collar 135'
	1200							m loc TRK 114
	1215					1000	1000	test to 1000psi - held open port collar
	1216	3	300				300	inj rate
	1220	3					300	Mix SMD cement w/ 3/4" floccer @ 11.2 ppg
	1245	3	65				450	Cement to surface 120 sks mixed 20 top +
			4 1/2					Displaces w/ H2O
	1250					1000	1000	test to 1000psi - held
								Run 4 joints
	1305							Reverse hole clean - 2 cement plugs -
	1320							Wash truck
								Rack up
	1345							job complete
								Thanks Blaine Doug & Dave