



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: _____



1082262

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	Pittenger 3
Doc ID	1082262

Tops

Name	Top	Datum
Anhydrtie	1496	781
Heebner	3798	-1521
Lansing	3844	-1567
Base Kansas City	4171	-1894
Pawnee	4294	-2017
Ft. Scott	4324	-2047
Cherokee	4341	-2064
Mississippian	4410	-2133
TD	4422	-2145

Geological Report

American Warrior, Inc.

Pittenger #3

2310' FNL & 530' FEL

Sec. 34 T19s R21w

Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Pittenger #3
2310' FNL & 530' FEL
Sec. 34 T19s R21w
Ness County, Kansas
API # 15-135-25347-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason Alm

Spud Date: March 6, 2012

Completion Date: March 14, 2012

Elevation: 2271' Ground Level
2277' Kelly Bushing

Directions: Bazine KS, East on Hwy 96 to HH road, South on
HH road 6.5 mi. West into location.

Casing: 223' 8 5/8" surface casing
4421' 5 1/2" production casing

Samples: 10' wet and dry, 3700' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Jason McLemore"

Problems: None

Remarks: Six stands of drill collars were run on DST #1 vs.
two which are usually run. The extra collars lead
the fluid recovery to be misleading, if the normal
two stands of collars were run the recovery would
have been dramatically less.

Formation Tops

	American Warrior, Inc. Pittenger #3 Sec. 34 T19s R21w 2310' FNL & 530' FEL
Formation	
Anhydrite	1496', +781
Base	1527', +750
Heebner	3798', -1521
Lansing	3844', -1567
BKc	4171', -1894
Pawnee	4294', -2017
Fort Scott	4324', -2047
Cherokee	4341', -2064
Mississippian	4410', -2133
RTD	4422', -2145

Sample Zone Descriptions

Mississippian Osage (4410', -2133): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with fair vuggy porosity, heavy triptolic chert, weathered with good vuggy porosity, light to good oil stain and saturation in porosity, good show of free oil, good odor, fair to bright yellow fluorescents, 26 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Jason McLemore"

DST #1

Mississippian Osage

Interval (4411' – 4420') Anchor Length 9'

IHP	– 2245 #	
IFP	– 45" – B.O.B. 40 min.	16-93 #
ISI	– 45" – Built to ½ in.	1340 #
FFP	– 45" – Built to 8 in.	101-151 #
FSI	– 45" – Built to ½ in.	1322 #
FHP	– 2099 #	
BHT	– 117°F	

Recovery: 320' GCO
 70' HMWCO 60% Oil, 10% Water

Structural Comparison

	American Warrior, Inc. Pittenger #3 Sec. 34 T19s R21w 2310' FNL & 530' FEL	American Warrior, Inc. Pittenger #2 Sec. 34 T19s R21w 2030' FNL & 330' FEL		American Warrior, Inc. Pittenger-Moore #1 Sec. 34 T19s R21w 2470' FNL & 880' FEL	
Formation					
Anhydrite	1496', +781	1496', +784	(-3)	1488', +783	FL
Base	1527', +750	NA	NA	1518', +753	(-3)
Heebner	3798', -1521	3800', -1520	(-1)	3788', -1517	(-4)
Lansing	3844', -1567	3846', -1566	(-1)	3832', -1561	(-6)
BKc	4171', -1894	NA	NA	4161', -1890	(-4)
Pawnee	4294', -2017	NA	NA	4284', -2013	(-4)
Fort Scott	4324', -2047	4330', -2050	(+3)	4318', -2047	FL
Cherokee	4341', -2064	4349', -2069	(+5)	4334', -2063	(-1)
Mississippian	4410', -2133	4420', -2140	(+7)	4422', -2151	(+18)

Summary

The location for the Pittenger #3 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted 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 ½ inch production casing to further evaluate the Pittenger #3 well.

Recommended Perforations

Mississippian Osage	(4410' – 4420')	DST #1
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Respectfully Submitted,

Jason T. Alm
Hard Rock Consulting, Inc.



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Pittenger #3

34-19s-21w Ness,KS

Start Date: 2012.03.13 @ 09:24:23

End Date: 2012.03.13 @ 17:59:38

Job Ticket #: 46448 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.14 @ 16:11:37



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

34-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Pittenger #3

Job Ticket: 46448

DST#: 1

ATTN: Jason Alm

Test Start: 2012.03.13 @ 09:24:23

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 12:22:23

Time Test Ended: 17:59:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 4411.00 ft (KB) To 4420.00 ft (KB) (TVD)

Reference Elevations: 2277.00 ft (KB)

Total Depth: 4420.00 ft (KB) (TVD)

2271.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 151.61 psig @ 4416.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.13

End Date:

2012.03.13

Last Calib.:

2012.03.13

Start Time: 09:24:25

End Time:

17:59:38

Time On Btm:

2012.03.13 @ 12:22:08

Time Off Btm:

2012.03.13 @ 15:24:23

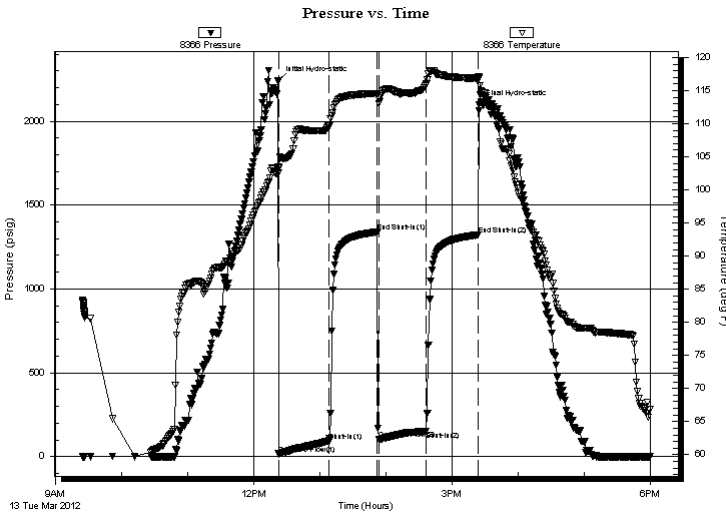
TEST COMMENT: IFP-Good Blow , BOB in 40 Min.

ISI-Blow back Built to 1/2"

FFP-Good Blow , Built to 8"

FFP-Blow back Built to 1/2"

PRESSURE SUMMARY



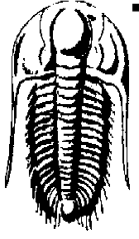
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.19	103.53	Initial Hydro-static
1	16.17	102.63	Open To Flow (1)
47	93.59	109.74	Shut-In(1)
90	1340.18	114.60	End Shut-In(1)
92	101.29	113.06	Open To Flow (2)
135	151.61	116.00	Shut-In(2)
182	1322.82	116.87	End Shut-In(2)
183	2099.40	117.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	HOCWM-60%O-10%W-30%M	0.34
320.00	Free Oil	1.82

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

34-19s-21w Ness, KS
Pittenger #3
Job Ticket: 46448 **DST#: 1**
Test Start: 2012.03.13 @ 09:24:23

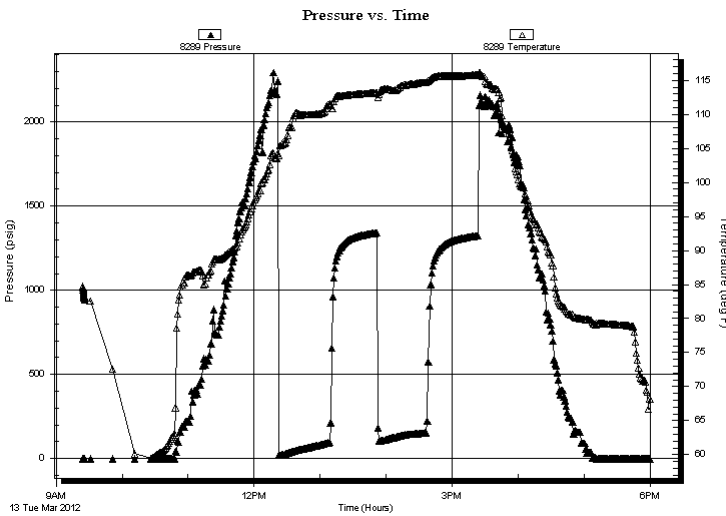
GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:22:23 Tester: Jason McLemore
 Time Test Ended: 17:59:38 Unit No: 54
 Interval: **4411.00 ft (KB) To 4420.00 ft (KB) (TVD)** Reference Elevations: 2277.00 ft (KB)
 Total Depth: 4420.00 ft (KB) (TVD) 2271.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 8289 Outside
 Press @ Run Depth: psig @ 4416.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.03.13 End Date: 2012.03.13 Last Calib.: 2012.03.13
 Start Time: 09:24:10 End Time: 17:59:38 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Good Blow , BOB in 40 Min.
 ISI-Blow back Built to 1/2"
 FFP-Good Blow , Built to 8"
 FFP-Blow back Built to 1/2"

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	HOCWM-60%O-10%W-30%M	0.34
320.00	Free Oil	1.82

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

34-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Pittenger #3

Job Ticket: 46448

DST#: 1

ATTN: Jason Alm

Test Start: 2012.03.13 @ 09:24:23

Tool Information

Drill Pipe:	Length: 4046.00 ft	Diameter: 3.80 inches	Volume: 56.75 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 363.00 ft	Diameter: 2.25 inches	Volume: 1.79 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4411.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4384.00	
Shut In Tool	5.00			4389.00	
Hydraulic tool	5.00			4394.00	
Jars	5.00			4399.00	
Safety Joint	2.00			4401.00	
Packer	5.00			4406.00	28.00 Bottom Of Top Packer
Packer	5.00			4411.00	
Stubb	1.00			4412.00	
Perforations	4.00			4416.00	
Recorder	0.00	8366	Inside	4416.00	
Recorder	0.00	8289	Outside	4416.00	
Perforations	1.00			4417.00	
Bullnose	3.00			4420.00	9.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

34-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Pittenger #3

Job Ticket: 46448

DST#: 1

ATTN: Jason Alm

Test Start: 2012.03.13 @ 09:24:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	HOCWM-60%O-10%W-30%M	0.344
320.00	Free Oil	1.820

Total Length: 390.00 ft

Total Volume: 2.164 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8366

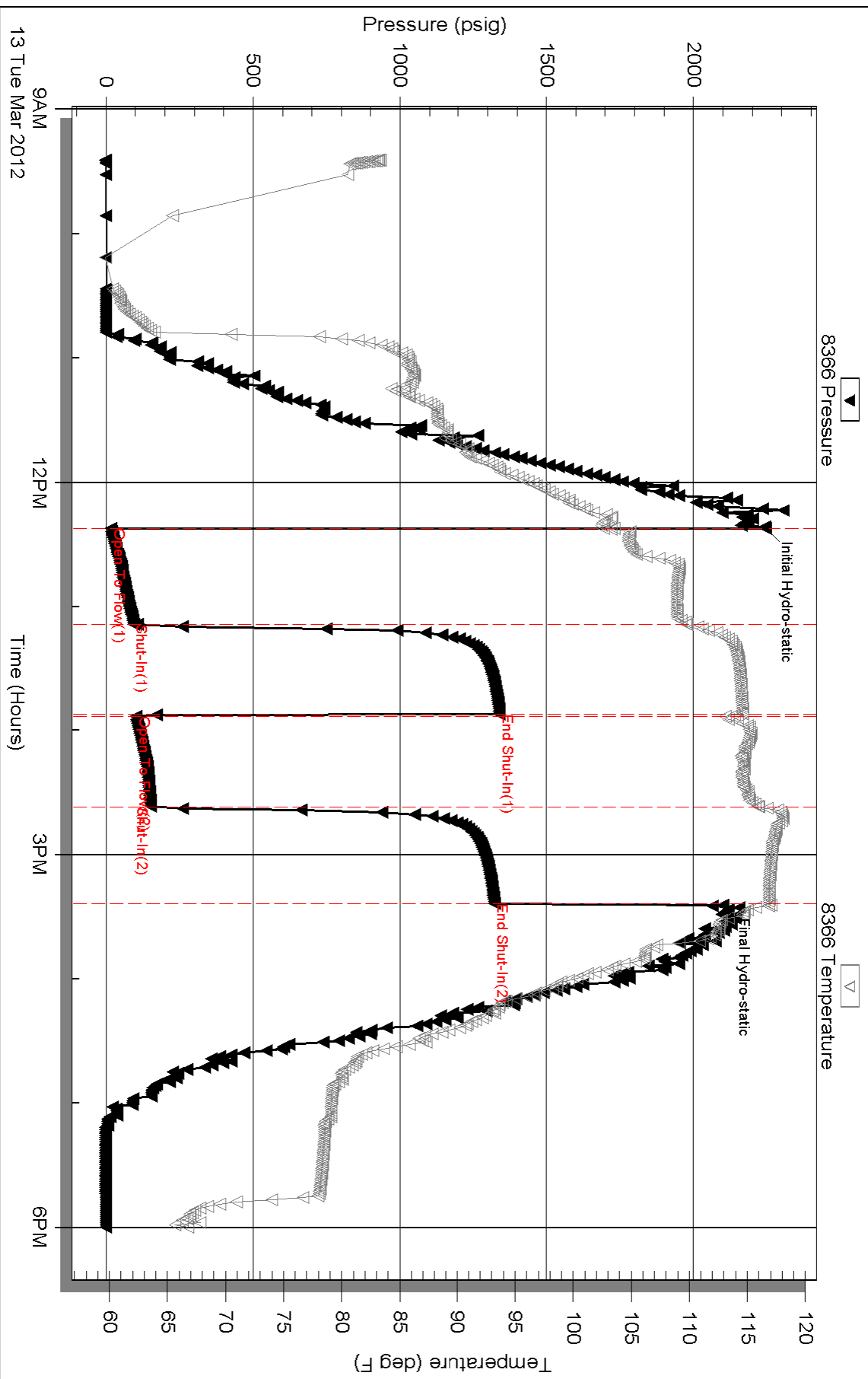
Inside

American Warrior, Inc.

Pittenger #3

DST Test Number: 1

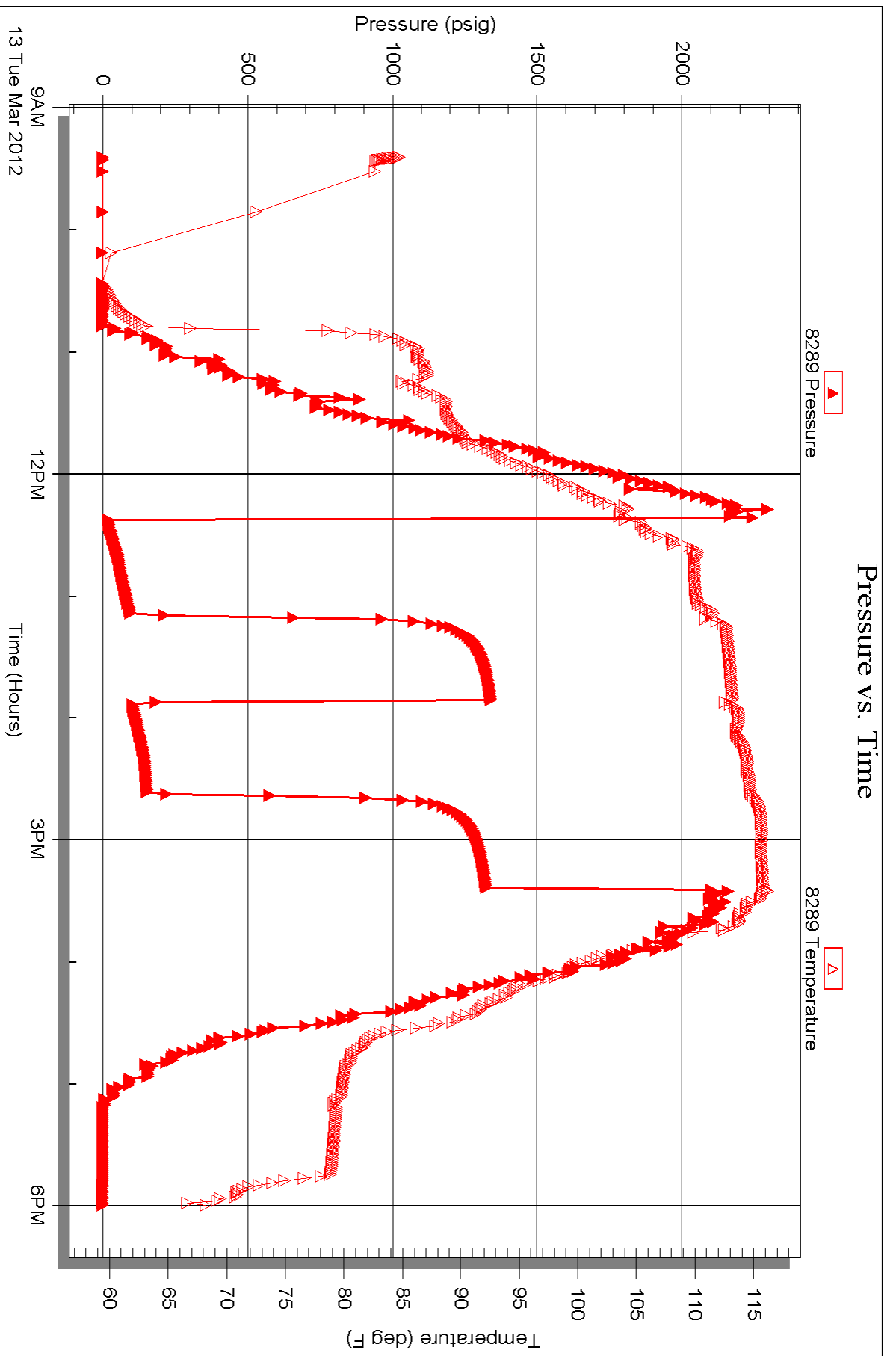
Pressure vs. Time

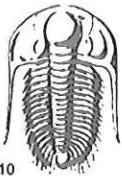


Triobite Testing, Inc

Ref. No: 46448

Printed: 2012.03.14 @ 16:11:39





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAR 14 2012

Test Ticket

NO. 46448

Well Name & No. Pittenger #3 BY: _____ Test No. 1 Date 3-13-12
 Company American Warrior, Inc. Elevation 2277 KB 2271 GL _____
 Address PO Box 399, Garden City, KS, 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 34 Twp. 19s Rge. 21w Co. Ness State KS

Interval Tested 4411-4420 Zone Tested Mississippi
 Anchor Length 9' Drill Pipe Run 4046 Mud Wt. 9.3
 Top Packer Depth 4406 Drill Collars Run 363 Vis 65
 Bottom Packer Depth 4411 Wt. Pipe Run 0 WL 7.6
 Total Depth 4420 Chlorides 5500 ppm System LCM 0
 Blow Description IFP- Good Blow, BOB in 40 min.
ISI- Blowback Built to 1/2"
FFP- Good Blow, Built to 8"
FSI- Blowback Built to 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>320</u>	<u>Free Oil</u>				
<u>70</u>	<u>HOCWM</u>		<u>60</u>	<u>10</u>	<u>30</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 390 BHT _____ Gravity 41 API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2245</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>9:05</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>9:22</u>
(C) First Final Flow <u>94</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:21</u>
(D) Initial Shut-In <u>1340</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>15:21</u>
(E) Second Initial Flow <u>101</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:58</u>
(F) Second Final Flow <u>152</u>	<input checked="" type="checkbox"/> Mileage <u>110 mt 134</u>	Comments _____
(G) Final Shut-In <u>1323</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2099</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>45</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>1704</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1704</u>	

Approved By _____ Our Representative Jason McLawrence *Thank you*

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.

ALLIED CEMENTING CO., LLC. 042445

Federal Reg. No. 20-5975804

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

SERVICE POINT:
Granite Point, KS

DATE <u>3-7-12</u>	SEC <u>34</u>	TWP. <u>19S</u>	RANGE <u>21W</u>	NEED OUT	ON LOCATION	JOB START <u>5:30 pm</u>	JOB FINISH <u>6:20 pm</u>
LEASE <u>PRT Energy</u>	WELL # <u>3</u>	LOCATION <u>Highway 26 & H.H. Rd 72224</u>		COUNTY <u>Ness</u>	STATE <u>Kansas</u>		
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Potomac Drilling OWNER American Warrior

TYPE OF JOB Surface CEMENT

HOLE SIZE 12 1/4 T.D. 223 AMOUNT ORDERED 150 sks class A 31cc

CASING SIZE 6 3/8 DEPTH 21' gel

TUBING SIZE 4 1/2 DEPTH

DRILL PIPE 4 1/2 DEPTH

PIPE MAX. MINIMUM COMMON

POZMIX

GEL

CHLORIDE

ASC

CEMENT LEFT IN CSG. 15 ft

PERFS

DISPLACEMENT 13 1/4

EQUIPMENT

PUMP TRUCK CEMENTER Russell

224 HELPER Tom P

BULK TRUCK

442-199 DRIVER Jimmy H / Kevin E

BULK TRUCK

DRIVER

HANDLING MILEAGE

TOTAL

REMARKS:

Pipe on Potomac break circulate with Rig mud

Mix 150 sks class A 31cc 21' gel

Displace with 13 1/4 bbls freshwater

Shot in

run 22' circulate

plug down - 6:20

Rig down

CHARGE TO: American Warrior

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME Dennis Morrison

SIGNATURE Dennis Morrison

Thank You!

Date 3-7-12 District Grant (No. 1) KS Ticket No. 424415
 Company American Wellco Rig Perimeter 01
 Lease Pittenger Well No. A 3
 County Ness State Kansas
 Location Hwy 96 & Hill Rd 732676 Field _____
West side

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 4 5/8 Type New Weight 23.2 Collar cord

Casing Depths: Top KB Bottom 223

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

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. 1458 Lin. ft./Bbl. 6.85
 Drill Pipe: Bbls/Lin. ft. 1042 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. 5735 Lin. ft./Bbl. 13.60

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

CEMENT DATA:

Spacer Type: Freshwater
 Amt. 56619 Skys Yield _____ ft³/sk Density 6.34 PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____

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

TAIL: Pump Time Thickening time hrs. Type Class A 34-cc
21-gal Excess _____

Amt. 150 Skys Yield 11.94 ft³/sk Density 15.2 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used 224 - Jim P

Bulk Equip. 482-168 - Jimmy H / Kevin E.

Float Equip: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Freshwater Amt. _____ Bbls. Weight 6.34 PPG

Mud Type NET-18 Weight 7.1 PPG

COMPANY REPRESENTATIVE _____

CEMENTER Russell Co

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						ON location - Rig up Had safety meeting
						Run 4 5/8 casing
						Circulate casing with Rig mud Hook up cement pump
						Run 56619 freshwater ahead Mud 150 SKS Class A 34-cc 21-gal Displace 13 1/4 bbls freshwater that is
						Cement did circulate
						Plug Run - 6:00pm
						Rig Down -

Dave Meyer



Services, Inc.

CHANGE TO: AMERICAN JARRIDE
ADDRESS
CITY, STATE, ZIP CODE

TICKET NO 22071

PAGE 1 OF 2

1. SERVICE LOCATIONS NESS CITY, KS.	WELL/PROJECT NO.	LEASE	COUNTY/LEASE	STATE	CITY	DATE	OWNER
2.		PTENBER #3	NESS	KS	BAZINE, KS	1/1/MAR/12	
3.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED	DELIVERED TO	ORDER NO.	
4. REFERRAL LOCATION	WELL TYPE	DIL	DEVELOPMENT	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
					S 1/2 LONGSTRING		4/E 6035 WJLSTG
INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE \$110	25	MI			6.00	1500.00
578					FUMP CHARGE	1.00		4421	FT.	1500.00	1500.00
402					NEUTRALIZERS	5	EA			70.00	350.00
403					CEMENT BASKETS	2	EA			250.00	500.00
404					PORT VALVE	1	EA	1418	FT	2400.00	2400.00
406					LATCH DOWN PLUG & BARGE	1	EA			250.00	250.00
407					INSERT FLOAT SWT & AUTO FILL	1	EA			350.00	350.00
281					MUD FLUSH	500	BA			1.25	625.00
221					FLOWD KCL	2	BA			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

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

DATE SIGNED	TIME SIGNED	AM	P.M.
14 MAR 12	0830	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

TOTAL: 10375.00
TAX: 115.41
TOTAL: 10916.50

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4/MAR/21 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE PITTEMBER #3 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 22071

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							ON LOCATION
	0410							START PIPE 5 1/2 - 15.5" RTD @ 4422 SET @ 4421 SHOE JT. 4224 CENTRALIZERS 1, 2, 3, 4, 70 BASKETS 5, 71 PORT COLLAR TOP OF JT # 11 @ 1488
	0635							DROP BALL CIRCULATE.
	0706	6	12				300	Pump 500gal MUD FLUSH
		6	20				300	Pump 20 BBL K/L FLUSH
	0711		7					PLUG RH (30sx)
	0714	4	35					MIX 145sx EA2
	0727							WASH OUT PUMPING LINES.
	0729	6						START DISPLACEMENT
	0747		104 1/2				1500	PLUG DOWN PSI UP LATCH PLUG IN
	0749							RELEASE PSI - DRY
	0751							WASH TRUCK
	0820							JOB COMPLETE.
								THANKS #110
								JASON, JEFF ISAAC JS



Services, Inc.

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

TICKET No. **22133**

PAGE 1 OF

1. SERVICE LOCATION <u>Ness City, KS</u>	WELL/PROJECT NO.	LEASE <u>PITENGER #3</u>	COUNTY <u>NESS</u>	STATE <u>KS</u>	CITY <u>BAZINE KS.</u>	DATE <u>28 MAR 12</u>	OWNER <u>4E625 W ESTO.</u>
2. TICKET TYPE <input type="checkbox"/> SERVICE <input checked="" type="checkbox"/> SALES	CONTRACTOR <u>HD OIL FIELD SERV.</u>	RIG NAME/NO.	WELL CATEGORY <u>DEVELOPMENT</u>	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3. WELL TYPE <u>DIE</u>	WELL INSTRUCTIONS <u>INVOICE INSTRUCTIONS</u>	JOB PURPOSE <u>GENERAL PORT HOLE</u>	WELL PERMIT NO.				
4. REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	UM		
<u>575</u>					<u>MILEAGE #110</u>	<u>25</u>	<u>MIL</u>		<u>6.00</u>	<u>150.00</u>
<u>\$76D</u>					<u>RAMP CHARGE</u>	<u>1</u>	<u>TR</u>		<u>125.00</u>	<u>125.00</u>
<u>276</u>					<u>FIDDLE</u>	<u>30</u>	<u>LBS</u>		<u>2.00</u>	<u>60.00</u>
<u>290</u>					<u>D-AIR</u>	<u>1</u>	<u>PA</u>		<u>35.00</u>	<u>35.00</u>
<u>105</u>					<u>PORT HOLE OPENING TR</u>	<u>1</u>	<u>TR</u>		<u>350.00</u>	<u>350.00</u>
<u>331</u>					<u>SWIFT MULTI DENSITY</u>	<u>115</u>	<u>SX</u>		<u>16.50</u>	<u>1897.50</u>
<u>581</u>					<u>SERVICE CHARGE GEMENT</u>	<u>175</u>	<u>SX</u>		<u>2.00</u>	<u>350.00</u>
<u>582</u>					<u>MINIMUM DRAVAGE</u>	<u>17384</u>	<u>LBS</u>	<u>217.3</u>	<u>TM</u>	<u>250.00</u>

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 28 MAR 12 TIME SIGNED 1545 AM P.M.

X Scott

SWIFT OPERATOR [Signature] APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

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

UN-DECIDED DIS-AGREE

PAGE TOTAL 4342 TOTAL 4490.08

TAX 16.3% 147.58

Thank You!

