

Kansas Corporation Commission Oil & Gas Conservation Division

1048275

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 # | API No. 15 |
|--|--|
| Name: | Spot Description: |
| Address 1: | SecTwpS. R |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from _ East / _ West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | □NE □NW □SE □SW |
| CONTRACTOR: License # | County: |
| Name: | Lease Name: Well #: |
| Wellsite Geologist: | Field Name: |
| Purchaser: | Producing Formation: |
| Designate Type of Completion: | Elevation: Ground: Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: Plug Back Total Depth: |
| Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | 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: sx cmt |
| Operator: | |
| Well Name: | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR | Chloride content: ppm Fluid volume: bbls Dewatering method used: |
| Plug Back: Plug Back Total Depth | Location of fluid disposal if hauled offsite: |
| Commingled Permit #: | Operator Name: |
| Dual Completion Permit #: | Lease Name: License #: |
| SWD Permit #: | QuarterSec TwpS. R East West |
| ENHR Permit #: | County: Permit #: |
| GSW Permit #: | |
| Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date | |

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

Side Two



| Operator Name: | | | Lease Name | e: | | | _ Well #: | |
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| Sec Twp | S. R | East West | County: | | | | | |
| time tool open and clos | sed, flowing and shut s if gas to surface tes | I base of formations per in pressures, whether s it, along with final chart well site report. | shut-in pressure | reached s | static level, | hydrostatic press | sures, bottom h | ole temperature, fl |
| Orill Stem Tests Taken (Attach Additional S | | Yes No | | Log | Formatio | n (Top), Depth an | d Datum | Sample |
| Samples Sent to Geolo | | ☐ Yes ☐ No | N | lame | | | Тор | Datum |
| Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy) | I Electronically | Yes No Yes No Yes No | | | | | | |
| List All E. Logs Run: | | | RECORD [| | Used | | | |
| | Size Hole | Report all strings set- Size Casing | -conductor, surface Weight | | ate, producti Setting | on, etc. Type of | # Sacks | Type and Percen |
| Purpose of String | Drilled | Set (In O.D.) | Lbs. / Ft. | | Depth | Cement | Used | Additives |
| | | ADDITIONA | L OFMENTING (| 00115575 | DECORD | | | |
| | | ADDITIONA | L CEMENTING / : | SQUEEZE | RECORD | | | |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone | Depth Top Bottom | Type of Cement | # Sacks Used | d | | Type and F | Percent Additives | |
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| Shots Per Foot | | ON RECORD - Bridge Plu ootage of Each Interval Pe | | | | cture, Shot, Cement mount and Kind of Ma | • | d Depth |
| | | | | | | | | |
| TUBING RECORD: | Size: | Set At: | Packer At: | Line | r Run: | Yes No | | |
| Date of First, Resumed I | Production, SWD or ENI | HR. Producing Me | thod: | Gas Li | ift C | Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil E | Bbls. Gas | Mcf | Water | В | bls. (| Gas-Oil Ratio | Gravity |
| DISPOSITIO | Used on Lease | Open Hole | METHOD OF COM | MPLETION: ually Comp omit ACO-5) | . Cor | nmingled mit ACO-4) | PRODUCTIO | ON INTERVAL: |
| (If vented, Sub | mit ACO-18.) | Other (Specify) _ | | | | | | |

| Form | ACO1 - Well Completion |
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| Operator | American Warrior, Inc. |
| Well Name | Larry Stieben 1-21 |
| Doc ID | 1048275 |

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| Lansing | 3736 | -1502 |
| ВКС | 4052 | -1818 |
| Pawnee | 4130 | -1896 |
| Ft. Scott | 4214 | -1980 |
| Cherokee | 4236 | -2002 |
| Mississippian | 4304 | -2070 |
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OUR SERVICE WAS

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P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

AND SERVICES The customer hereby

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Thank You!

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SWIFT OPERATOR

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Thank You!

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P.O. BOX 466

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ARE YOU SATISFIED WITH OUR SERVICE?

CUSTOMER DID NOT WISH TO RESPOND

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Thank You!

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknow

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

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Geological Report

American Warrior, Inc.

Larry Stieben #1-21
1030' FNL & 1660' FEL
Sec. 21 T18s R22w
Ness County, Kansas



American Warrior, Inc.

General Data

Larry Stieben #1-21 1030' FNL & 1660' FEL Sec. 21 T18s R22w Ness County, Kansas API # 15-135-25016-0000

Drilling Contractor: Petromark Drilling, LLc Rig # 1

Geologist: Jason Alm

Spud Date: April 23, 2010

Completion Date: May 1, 2010

Elevation: 2228' Ground Level

2234' Kelly Bushing

Directions: Bazine KS, 3 mi. West on Hwy 96 to AA rd. North

3 mi. West into location.

Casing: 224' 8 5/8" surface casing

4332' 5 1/2" production casing

Samples: 10' wet and dry, 3600' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Jerod Long"

CNL/CNL, DIL

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

Problems: None

Remarks: DST #1 slid 3 ft to bottom, did not effect test

results.

Formation Tops

| | American Warrior, Inc. |
|---------------|------------------------|
| | Larry Stieben #1-21 |
| | Sec. 21 T18s R22w |
| Formation | 1030' FNL & 1660' FEL |
| Anhydrite | 1525', +709 |
| Base | 1558', +676 |
| Heebner | 3690', -1456 |
| Lansing | 3736', -1502 |
| BKc | 4052', -1818 |
| Pawnee | 4130', -1896 |
| Fort Scott | 4214', -1980 |
| Cherokee | 4236', -2002 |
| Mississippian | 4305', -2071 |
| Osage | 4313', -2079 |
| LTD | 4333', -2099 |
| RTD | 4335', -2101 |

Sample Zone Descriptions

Fort Scott (4214', -1980): Covered in DST #1

Ls – Fine to medium crystalline with poor to fair inter-crystalline porosity, light to fair oil stain and saturation in porosity, show of free oil, light odor, bright yellow fluorescents, slightly fossiliferous, 103 units hotwire.

Mississippian Osage (4213', -2079): Covered in DST #2

Dolo – Δ – Fine to medium sucrosic crystalline with fair to good inter-crystalline and vuggy porosity, heavy chert, slightly triptolitic, weathered with fair vuggy porosity, good oil stain and saturation, show of free oil, good odor, yellow cut fluorescents, 18-145 units hotwire.

Drill Stem Tests

Trilobite Testing, Inc. "Jason McLemore"

DST #1 Fort Scott

Interval (4192' – 4240') Anchor Length 48'

IHP - 2089 #

IFP - 30" - Dead 45-65 #
ISI - 30" - Dead 457 #
FFP - 30" - Dead 68-75 #

FHP - 2062# BHT - 112°F

Recovery: 90' Mud w/ oil spots in test tool

DST #2 <u>Mississippian Osage</u>

Interval (4263' – 4330') Anchor Length 67'

IHP − 2133 #

IFP - 45" - Built to 5 in. 34-66 #
ISI - 45" - Dead 1279 #
FFP - 45" - Built to 5 ¾ in. 69-84 #
FSI - 45" - Dead 1262 #

FHP - 2064 # BHT - 116°F

Recovery: 50' Clean Oil

90' HOCM 25% Oil

Structural Comparison

| | American Warrior, Inc. | DaMar Resources, Inc. | | Pickrell Drilling Co. | |
|---------------|------------------------|-----------------------|-------|-----------------------|--------------|
| | Larry Stieben #1-21 | Stieben #1 | | Wegele A #1 | |
| | Sec. 21 T18s R22w | Sec. 21 T18s R22w | | Sec. 21 T18s R22w | |
| Formation | 1030' FNL & 1660' FEL | 1980' FNL & 330' FEL | | C NW SW | |
| Anhydrite | 1525', +709 | NA | NA | 1456', +717 | (-8) |
| Base | 1558', +676 | NA | NA | NA | NA |
| Heebner | 3690', -1456 | 3665', -1465 | (+9) | 3625', -1452 | (-4) |
| Lansing | 3736', -1502 | 3708', -1508 | (+6) | 3666', -1493 | (-9) |
| BKc | 4052', -1818 | NA | NA | NA | NA |
| Pawnee | 4130', -1896 | NA | NA | 4068', -1895 | (-1) |
| Fort Scott | 4214', -1980 | 4197', -1997 | (+17) | 4153', -1980 | FL |
| Cherokee | 4236', -2002 | 4216', -2016 | (+14) | 4172', -1999 | (-3) |
| Mississippian | 4305', -2071 | 4300', -2100 | (+30) | NA | NA |
| Osage | 4313', -2079 | 4318', -2118 | (+39) | 4247', -2074 | (-5) |

Summary

The location for the Larry Stieben #1-21 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted one of which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had examined the decision was made to run 5 1/2 inch production casing to further evaluate the Larry Stieben #1-21 well.

Recommended Perforations

Mississippian Osage: (4313' – 4330') **DST #2**

Fort Scott: (4220' – 4225') DST #1

Respectfully Submitted,

Jason Alm Hard Rock Consulting, Inc.

Potroloum Geologi

APT # 15 135 750 6 001

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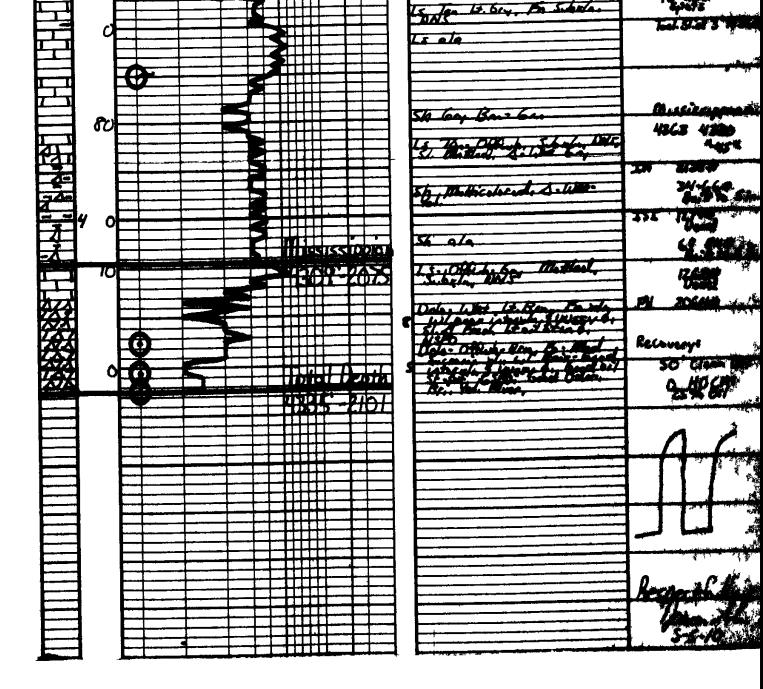
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DRILL STEM TEST REPORT

American Warrior,Inc

Larry Stieben #1-21

PO Box 399

21-18s-22w-Ness Job Ticket: 37143

DST#: 1

ATTN: Jason Alm

Garden City, KS. 67846

Test Start: 2010.04.28 @ 19:26:09

GENERAL INFORMATION:

Formation: Ft. Scott

Deviated: Test Type: Conventional Bottom Hole No Whipstock: ft (KB)

Time Tool Opened: 21:44:39 Time Test Ended: 01:06:09

Unit No: 32

Tester:

Jason McLemore

4192.00 ft (KB) To 4240.00 ft (KB) (TVD) Interval:

Reference Elevations:

2234.00 ft (KB)

Total Depth: 4240.00 ft (KB) (TVD)

2228.00 ft (CF)

Hole Diameter:

7.80 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 6755 Press@RunDepth: Inside

64.77 psig @

4227.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2010.04.28 19:26:11

End Date: End Time: 2010.04.29 01:06:09

Time On Btm:

2010.04.28 2010.04.28 @ 21:43:39

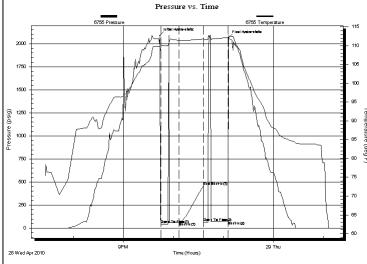
Time Off Btm:

2010.04.28 @ 23:06:09

TEST COMMENT: IFP-6' fill,Tool Slid 3' on open,Dead, Flush Tool,Still Dead.

ISI-Dead

FFP-Dead, Flush Tool Twice, Still Dead, Pull Tool



| | PRESSURE SUMMARY | | | | | | | | | |
|------------------|------------------|----------|---------|----------------------|--|--|--|--|--|--|
| Ī | Time | Pressure | Temp | Annotation | | | | | | |
| | (Min.) | (psig) | (deg F) | | | | | | | |
| | 0 | 2089.14 | 109.81 | Initial Hydro-static | | | | | | |
| | 1 | 44.56 | 109.93 | Open To Flow (1) | | | | | | |
| | 23 | 64.77 | 111.46 | Shut-In(1) | | | | | | |
| Ţ | 52 | 457.64 | 111.81 | End Shut-In(1) | | | | | | |
| Temperature (deg | 53 | 67.79 | 111.52 | Open To Flow (2) | | | | | | |
| rature | 82 | 74.60 | 112.17 | Shut-In(2) | | | | | | |
| (deg | 83 | 2062.21 | 112.61 | Final Hydro-static | | | | | | |
| Ð | | | | | | | | | | |
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------------|--------------|
| 90.00 | Drilling Mud W/spot of Oil In Tool | 0.44 |
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| Gas Rates | | | | | | |
|----------------|-----------------|------------------|--|--|--|--|
| Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) | | | | |

Trilobite Testing, Inc. Ref. No: 37143 Printed: 2010.04.29 @ 07:56:13 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

ppm

DST#: 1

American Warrior,Inc Larry Stieben #1-21

PO Box 399

21-18s-22w-Ness

Serial #:

Garden City, KS. 67846 Job Ticket: 37143

Test Start: 2010.04.28 @ 19:26:09 ATTN: Jason Alm

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: deg API Water Salinity:

Mud Weight: Cushion Length: 9.00 lb/gal ft bbl

Viscosity: 48.00 sec/qt Cushion Volume: Water Loss: $7.20 in^3$ Gas Cushion Type:

Resistivity: Gas Cushion Pressure: ohm.m psig

Salinity: 4700.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl | |
|--------------|------------------------------------|---------------|--|
| 90.00 | Drilling Mud W/spot of Oil In Tool | 0.443 | |

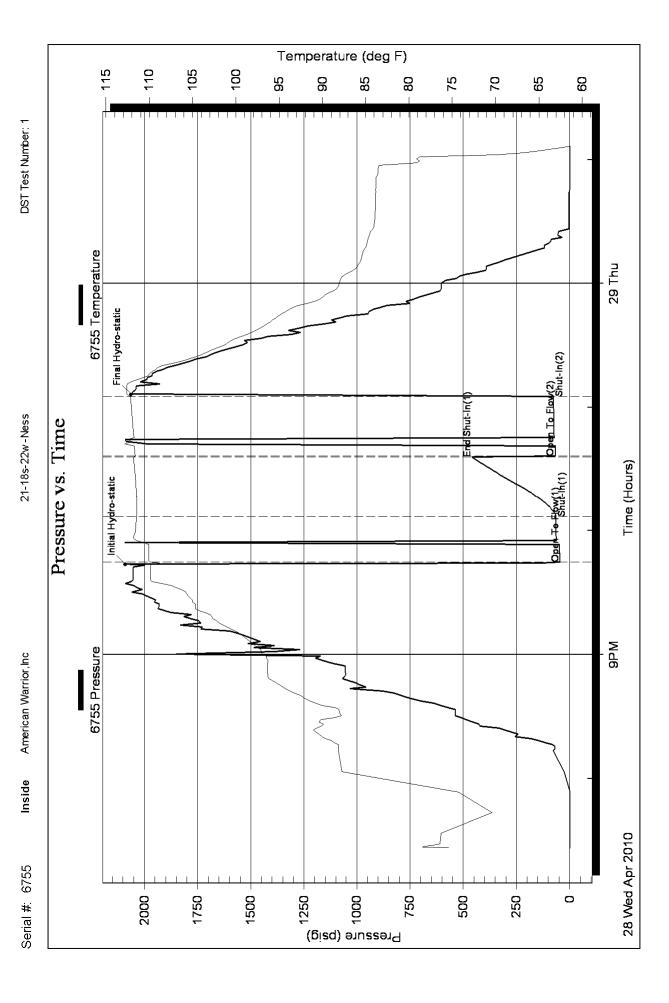
Total Volume: 0.443 bbl Total Length: 90.00 ft

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 37143 Printed: 2010.04.29 @ 07:56:13 Page 2



Page 3 Printed: 2010.04.29 @ 07:56:14 37143 Ref. No:

Trilobite Testing, Inc



DRILL STEM TEST REPORT

American Warrior,Inc

Larry Stieben #1-21

PO Box 399

21-18s-22w-NessJob Ticket: 37144

Tester:

Unit No:

DST#: 2

2228.00 ft (CF)

Garden City, KS. 67846

ATTN: Jason Alm

Test Start: 2010.04.29 @ 16:34:11

32

Jason McLemore

GENERAL INFORMATION:

Formation: Mississippi

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole

Time Tool Opened: 18:21:41 Time Test Ended: 23:53:41

Interval:

4263.00 ft (KB) To 4330.00 ft (KB) (TVD) Reference Elevations: 2234.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good KB to GR/CF: 6.00 ft

Serial #: 6755 Inside

Press@RunDepth: 84.37 psig @ 4298.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2010.04.29
 End Date:
 2010.04.29
 Last Calib.:
 2010.04.29

 Start Time:
 16:34:13
 End Time:
 23:53:41
 Time On Btm:
 2010.04.29 @ 18:21:11

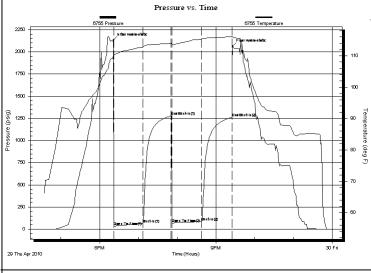
 Time Off Btm:
 2010.04.29 @ 21:25:41

TEST COMMENT: IFP-Fair Blow, Built to 5"

ISI-Dead

FFP-FairBlow .Built to 5-3/4"

FSI-Dead



PRESSURE SUMMARY

| - | | _ | | |
|---|--------|----------|---------|----------------------|
| | Time | Pressure | Temp | Annotation |
| | (Min.) | (psig) | (deg F) | |
| | 0 | 2133.20 | 110.36 | Initial Hydro-static |
| | 1 | 34.06 | 110.09 | Open To Flow (1) |
| | 46 | 65.87 | 112.87 | Shut-In(1) |
| , | 90 | 1279.04 | 113.99 | End Shut-In(1) |
| | 91 | 69.07 | 113.55 | Open To Flow (2) |
| ١ | 137 | 84.37 | 115.32 | Shut-In(2) |
| | 184 | 1262.46 | 116.08 | End Shut-In(2) |
| | 185 | 2064.82 | 115.99 | Final Hydro-static |
| | | | | |
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 50.00 | Clean Oil | 0.25 |
| 90.00 | HOCM-25%O-75%M | 0.62 |
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Gas Rates

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

Trilobite Testing, Inc Ref. No: 37144 Printed: 2010.04.30 @ 08:48:55 Page 1



DRILL STEM TEST REPORT

FLUID SUMMARY

ppm

Water Salinity:

American Warrior,Inc Larry Stieben #1-21

PO Box 399 **21-18s-22w-Ness**

Garden City,KS. 67846 Job Ticket: 37144 **DST#:2**

ATTN: Jason Alm Test Start: 2010.04.29 @ 16:34:11

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 44 deg API

Mud Weight: 9.00 lb/gal Cushion Length: ft

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 8.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 5900.00 ppm
Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 50.00 | Clean Oil | 0.246 |
| 90.00 | HOCM-25%O-75%M | 0.616 |

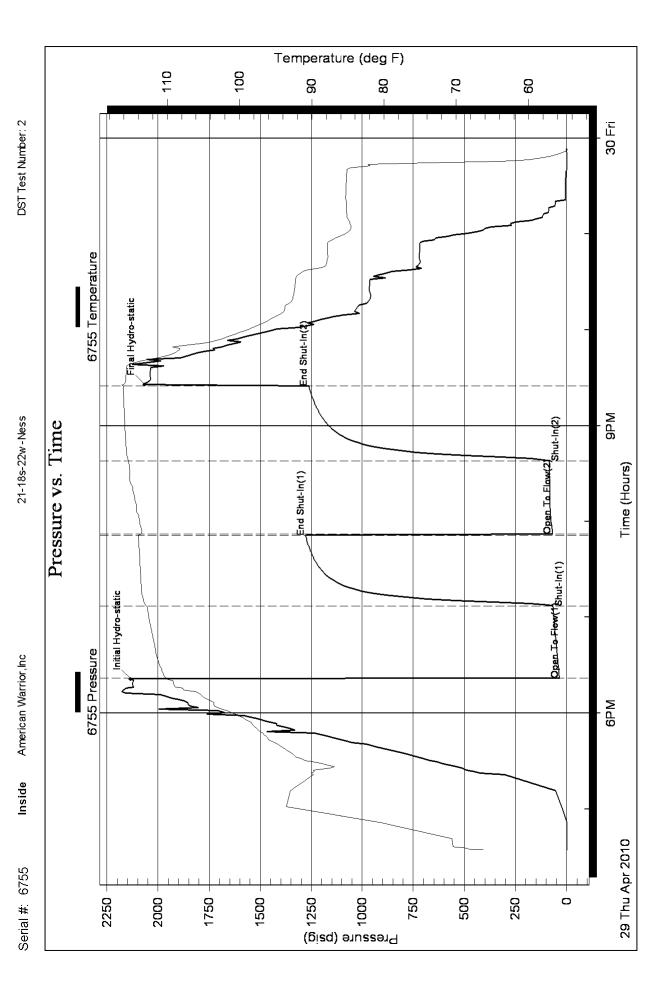
Total Length: 140.00 ft Total Volume: 0.862 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 37144 Printed: 2010.04.30 @ 08:48:56 Page 2



Page 3 Printed: 2010.04.30 @ 08:48:57 37144 Ref. No:

Trilobite Testing, Inc