



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1247232
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1247232

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | | | | |
|---|--|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Electric Log Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| List All E. Logs Run: | | | | |

| 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 |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| 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 |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|---|---|
| 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> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | American Warrior, Inc. |
| Well Name | Timothy 1-22 |
| Doc ID | 1247232 |

All Electric Logs Run

| |
|-----------|
| |
| Induction |
| Porosity |
| Micro |
| Sonic |

| | |
|-----------|------------------------|
| Form | ACO1 - Well Completion |
| Operator | American Warrior, Inc. |
| Well Name | Timothy 1-22 |
| Doc ID | 1247232 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Anhy | 1950 | +995 |
| B/Anhy | 2006 | +939 |
| Heebner | 3802 | -857 |
| Lansing | 3861 | -916 |
| B/KC | 4333 | -1388 |
| Marmaton | 4364 | -1419 |
| Pawnee | 4440 | -1495 |
| Ft.Scott | 4467 | -1522 |
| Cherokee | 4480 | -1535 |
| Morrow | 4700 | -1755 |
| Mississippian | 4868 | -1923 |



CEMENTING LOG

Date 3/6/2015 District Liberal # 21 Ticket No. 65432
 Company American Warrior Rig Duke # 10
 Lease TIMOTHY Well No 1-22
 County Finney State KS
 Location _____
 Field _____

Casing Depths Top _____ Bottom 1755

Drill Pipe: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Open Hole: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Casing BBLs/LIN. FT 0.0637 LIN. FT/BBL _____
 Open Holes BBLs/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLs/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLs/LIN. FT 0.0735 LIN. FT/BBL 13.6037
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 5 bbl water
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 LEAD: Time _____ hrs. Type CLASS A
65/35, 6%GEL, 3%CC,.05-FLOSEAL Excess _____
 Amt. 625 Sks Yield 2 ft³/sk Density 12.46 PPG
 TAIL: Time _____ hrs. Type CLASS A
3%cc,.025- floseal Excess _____
 Amt. 200 Sks Yield 1.2 ft³/sk Density 15.63 PPG
 WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total _____ BBLs

Pump Trucks Used: 531-541
 Bulk Equipment 993-1066
956-841

Float Equipment: Manufacturer WEATHERFORD
 Shoe: Type GUIDE SHOE Depth 1755
 Float: Type AFU Insert Valve Depth 1712
 Centralizers: Quantity 3 Plugs Top 1 Bottom _____
 Stage Collars _____
 Special Equipment Cement Basket @ 1054' ft
 Disp: Fluid Type H2O Amt 109 bbls Weight 8.34 PPG
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____ CEMENTER CESAR PAVIA

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|-------|-------------------|---------|-------------------|------------------------|---------------|---|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | PUMPED PER TIME PERIOD | RATE BBLs/MIN | |
| 300AM | | | | | | ARRIVE TO LOCATION -- RUN FLOAT EQUIPMENT |
| 330AM | | | | | | RIG UP |
| 530AM | | | | | | CASING ON BOTTOM |
| 600AM | | | | | | SAFETY MEETING |
| 615AM | 2000 | | | | | PRESSURE TEST |
| 618AM | 40 | | 5 | | 5 | 5 BBL WATER SPACER |
| 620AM | 60 | | 228 | | 6 | PUMP 223 BBL OF LEAD SLURRY CEMENT |
| 650AM | 80 | | 271 | | 6 | PUMP 43 BBL OF TAIL SLURRY CEMENT |
| 710AM | | | | | 4 | RELEASE PLUG- START DISPLACEMENT |
| 712AM | 120 | | 291 | | 5 | 20 BBL GONE |
| 716AM | 150 | | 311 | | 5 | 40 BBL GONE |
| 718AM | 420 | | 331 | | 5 | 60BBLGONE |
| 720AM | 500 | | 351 | | 5 | 80 BBL GONE |
| 724AM | 460 | | 371 | | 3 | 100 BBL GONE SLOW DOWN TO 3 BPM |
| 728AM | 500 | | 380 | | 3 | 109 BBL BUMP PLUG |
| 743AM | 1000 | | | | | RELEASE PRESSURE, CHECK FLOATS |
| 800AM | | | | | | RIG DOWN |
| 830AM | | | | | | LEAVE LOCATION |
| | | | | | | 50 BBL OF CEMENT BACK |
| | | | | | | |
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FINAL DISP. PRESS. 500 PSI BUMP PLUG TO 1000 PSI BLEEDBACK 0.5 BBLs THANK YOU

CEMENTING LOG

Date 3/14/2015 District Liberal # 21 Ticket No. 52829
 Company AMERICAN WARRIOR Rig DUKE # 5
 Lease TIMOTHY Well No 1-22
 County FINNEY State KS.
 Location _____
 Field _____

Casing Data Conductor PTA Squeeze Misc.
 Surface Intermediate Production Liner
 Size 8 5/8 Type j-55 Weight 24# Collar _____

Casing Depths Top _____ Bottom 1780 + FT.

Drill Pipe: BBLs/LIN. FT 0.01422 LIN. FT/BBL _____
 Open Hole: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Capacity Factors: BBLs/LIN. FT _____ LIN. FT/BBL _____
 Casing BBLs/LIN. FT 0.0637 LIN. FT/BBL 15.698
 Open Holes BBLs/LIN. FT _____ LIN. FT/BBL _____
 Drill Pipe BBLs/LIN. FT _____ LIN. FT/BBL _____
 Annulus BBLs/LIN. FT 0.0406 LIN. FT/BBL 24.63
 BBLs/LIN. FT 0.044 LIN. FT/BBL 22.727
 Perforations From _____ ft to _____ ft Amt _____

CEMENT DATA

Spacer Type 10 bbls h20
 Amt. _____ Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Time _____ hrs. Type 60/40/4

CLASS A Excess _____

Amt. 210 Sks Yield 1.5 ft³/sk Density 13.5 PPG

TAIL: Time _____ hrs. Type #VALUE!

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

WATER Lead 7.5 Gal/sk Tail _____ Gal/sk Total 37.5 BBLs

Pump Trucks Used: 531-541

Bulk Equipment 993-1066

Float Equipment: Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Bottom _____

Stage Collars _____

Special Equipment _____

Disp: Fluid Type H20 Amt _____ bbls Weight 8.34 PPG

Mud Type _____ Weight _____

COMPANY REPRESENTATIVE _____

CEMENTER _____

Ruben Chavez

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|----------|-------------------|---------|-------------------|------------------------|---------------|---|
| | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | PUMPED PER TIME PERIOD | RATE BBLs/MIN | |
| 5:00 pm. | | | | | | Got To Location Spot Trucks, And Rig Up. |
| 6:10 | | | | | | Have A Prejob Safety Meeting |
| 6:30 | 280 | | 2 | 2 | 2 | Pump 2 Bbls H20 To Fill Pump Lines |
| 6:32 | 1000 | | | | | PRESSURE TEST 1000 PSI pumping lines |
| 6:35 | 280 | | 10 | 8 | 5 | Start pumping 8 bbls h20 spacer |
| 6:38 | 270 | | 23.3 | 13.3 | 3 | Start mixing and pumping 50 sk at 1780 ft; 13.3 bbls slurry |
| 6:43 | | | 44.8 | 21.5 | 3 | Start pumping 2.5 b bls h20 then 19 bbls mud with rig |
| 7:20 | 250 | | 58.1 | 13.3 | 3 | Start pumping 50 sk cement at 1080 ft. 13.3 bbls slurry. |
| 7:25 | | | 70 | 11.9 | 3 | Start displAcement 11.9 bbls h20 |
| 8:00 | 200 | | 80.6 | 10.6 | 3 | Pump 40 sk at 500 ft., 10.6 bbls slurry. |
| 8:04 | | | 92.5 | 11.9 | 3 | Displac ement 11.9 bbls h20 |
| 8:48 | 50 | | | 5.3 | 3 | Pump 20 sk at 60 ft., 5.3 bbls slurry. |
| 8:55 | 50 | | | 8 | 3 | ,Mix and pump 30 sk cement for ratholee., 8 bbls slurry. |
| 9:00 | 50 | | | 5.3 | 3 | Mix and pump 20 sk cement for mouse hole 5.3 bbls slurry. |
| 9:05 | | | | | | Wash pumping lines |
| | | | | | | Rig down |
| | | | | | | Job finished |
| | | | | | | Thankyou. |
| | | | | | | |
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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

Timothy #1-22

22-22s-34w Finney,KS

Start Date: 2015.03.10 @ 16:40:33

End Date: 2015.03.10 @ 22:52:03

Job Ticket #: 61528 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.16 @ 15:09:53



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

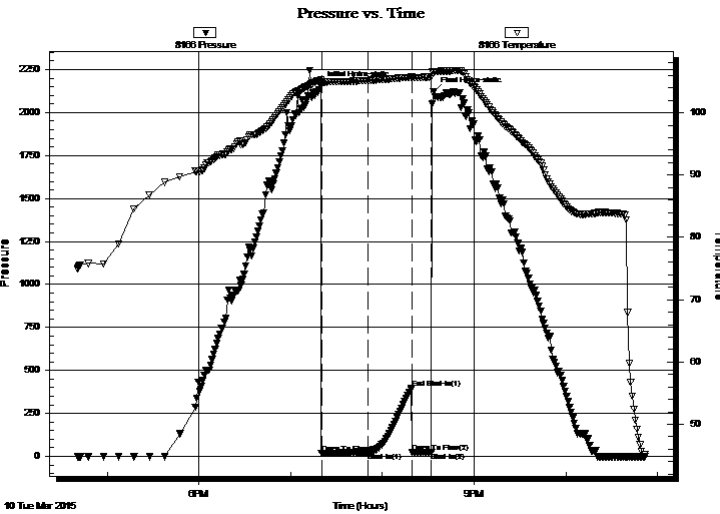
22-22s-34w Finney, KS
Timothy #1-22
 Job Ticket: 61528 **DST#: 1**
 Test Start: 2015.03.10 @ 16:40:33

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 19:20:03
 Time Test Ended: 22:52:03
 Interval: **4332.00 ft (KB) To 4403.00 ft (KB) (TVD)**
 Total Depth: 4403.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2945.00 ft (KB)
 2935.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8166 Outside
 Press@RunDepth: 21.51 psig @ 4333.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.10 End Date: 2015.03.10 Last Calib.: 2015.03.10
 Start Time: 16:40:38 End Time: 22:52:02 Time On Btm: 2015.03.10 @ 19:19:33
 Time Off Btm: 2015.03.10 @ 20:33:33

TEST COMMENT: IF: Surface blow died in 6 min.
 IS: No return.
 FF: No blow.
 FS: Pulled tool.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2153.77 | 105.27 | Initial Hydro-static |
| 1 | 17.64 | 104.56 | Open To Flow (1) |
| 31 | 21.51 | 105.18 | Shut-In(1) |
| 60 | 397.39 | 105.71 | End Shut-In(1) |
| 60 | 22.18 | 105.58 | Open To Flow (2) |
| 73 | 23.95 | 105.75 | Shut-In(2) |
| 74 | 2121.30 | 106.59 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100%m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

22-22s-34w Finney, KS
Timothy #1-22
 Job Ticket: 61528 **DST#: 1**
 Test Start: 2015.03.10 @ 16:40:33

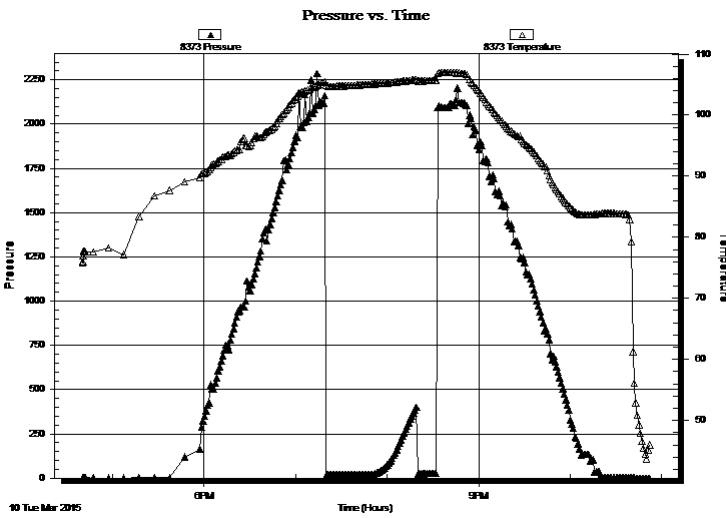
GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 19:20:03
 Time Test Ended: 22:52:03
Interval: 4332.00 ft (KB) To 4403.00 ft (KB) (TVD)
 Total Depth: 4403.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2945.00 ft (KB)
 2935.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**
 Press@RunDepth: psig @ 4333.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.10 End Date: 2015.03.10 Last Calib.: 2015.03.10
 Start Time: 16:40:15 End Time: 22:52:09 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow died in 6 min.
 IS: No return.
 FF: No blow.
 FS: Pulled tool.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
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| | | | |
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Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100%m | 0.02 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

22-22s-34w Finney, KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61528

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.03.10 @ 16:40:33

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4072.00 ft | Diameter: 3.80 inches | Volume: 57.12 bbl | Tool Weight: 2000.00 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: 246.00 ft | Diameter: 2.25 inches | Volume: 1.21 bbl | Weight to Pull Loose: 70000.00 lb |
| | | | <u>Total Volume: 58.33 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 13.00 ft | | | String Weight: Initial 68000.00 lb |
| Depth to Top Packer: | 4332.00 ft | | | Final 68000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 71.00 ft | | | |
| Tool Length: | 98.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

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

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Stubb | 1.00 | | | 4306.00 | |
| Shut In Tool | 5.00 | | | 4311.00 | |
| Hydraulic tool | 5.00 | | | 4316.00 | |
| Jars | 5.00 | | | 4321.00 | |
| Safety Joint | 2.00 | | | 4323.00 | |
| Packer | 5.00 | | | 4328.00 | 27.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4332.00 | |
| Stubb | 1.00 | | | 4333.00 | |
| Recorder | 0.00 | 8373 | Inside | 4333.00 | |
| Recorder | 0.00 | 8166 | Outside | 4333.00 | |
| Perforations | 1.00 | | | 4334.00 | |
| Change Over Sub | 1.00 | | | 4335.00 | |
| Drill Pipe | 62.00 | | | 4397.00 | |
| Change Over Sub | 1.00 | | | 4398.00 | |
| Bullnose | 5.00 | | | 4403.00 | 71.00 Bottom Packers & Anchor |

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

22-22s-34w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61528

DST#: 1

ATTN: Luke Thompson

Test Start: 2015.03.10 @ 16:40:33

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:

0 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | mud 100%m | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

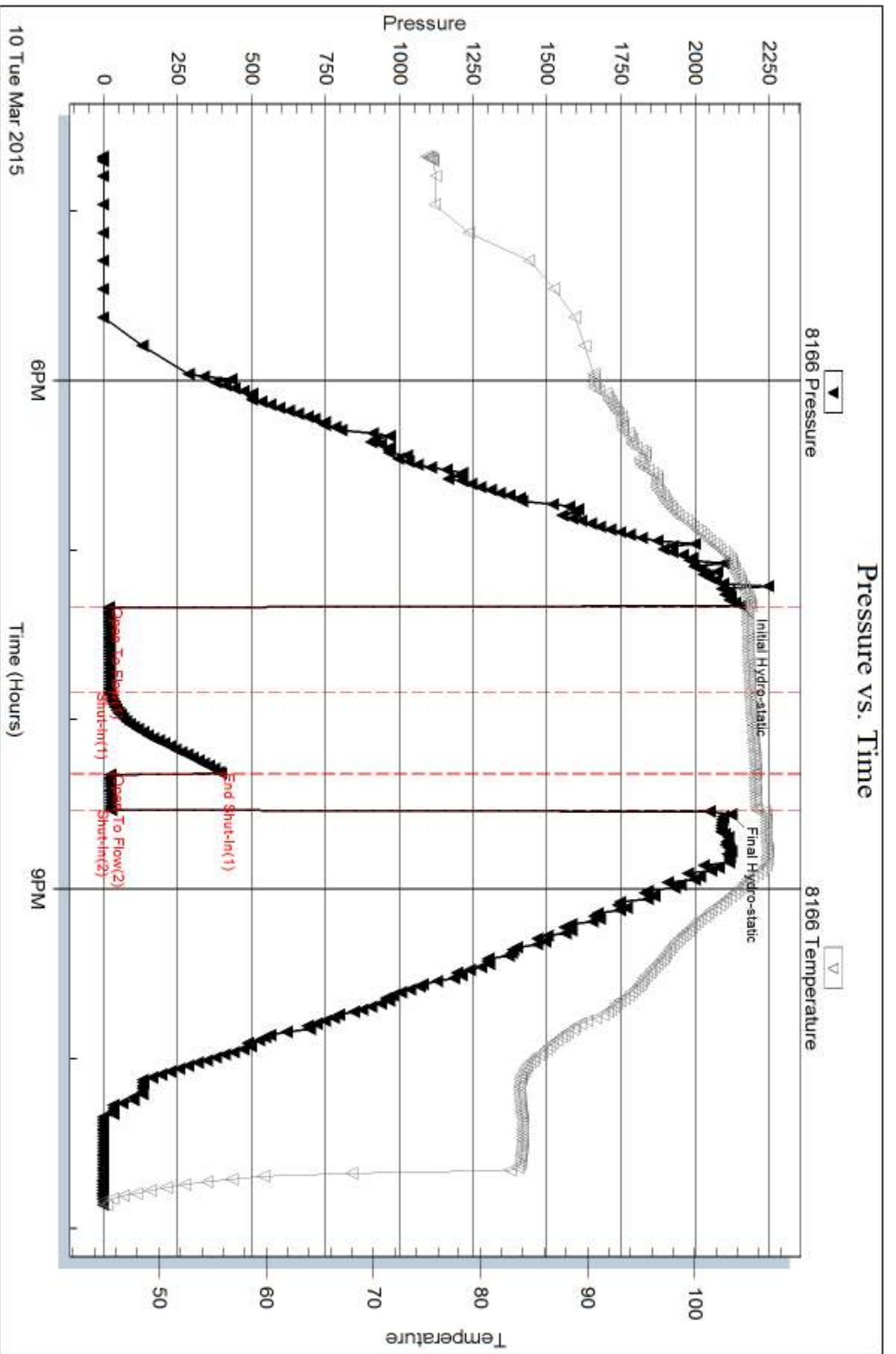
Num Gas Bombs: 0

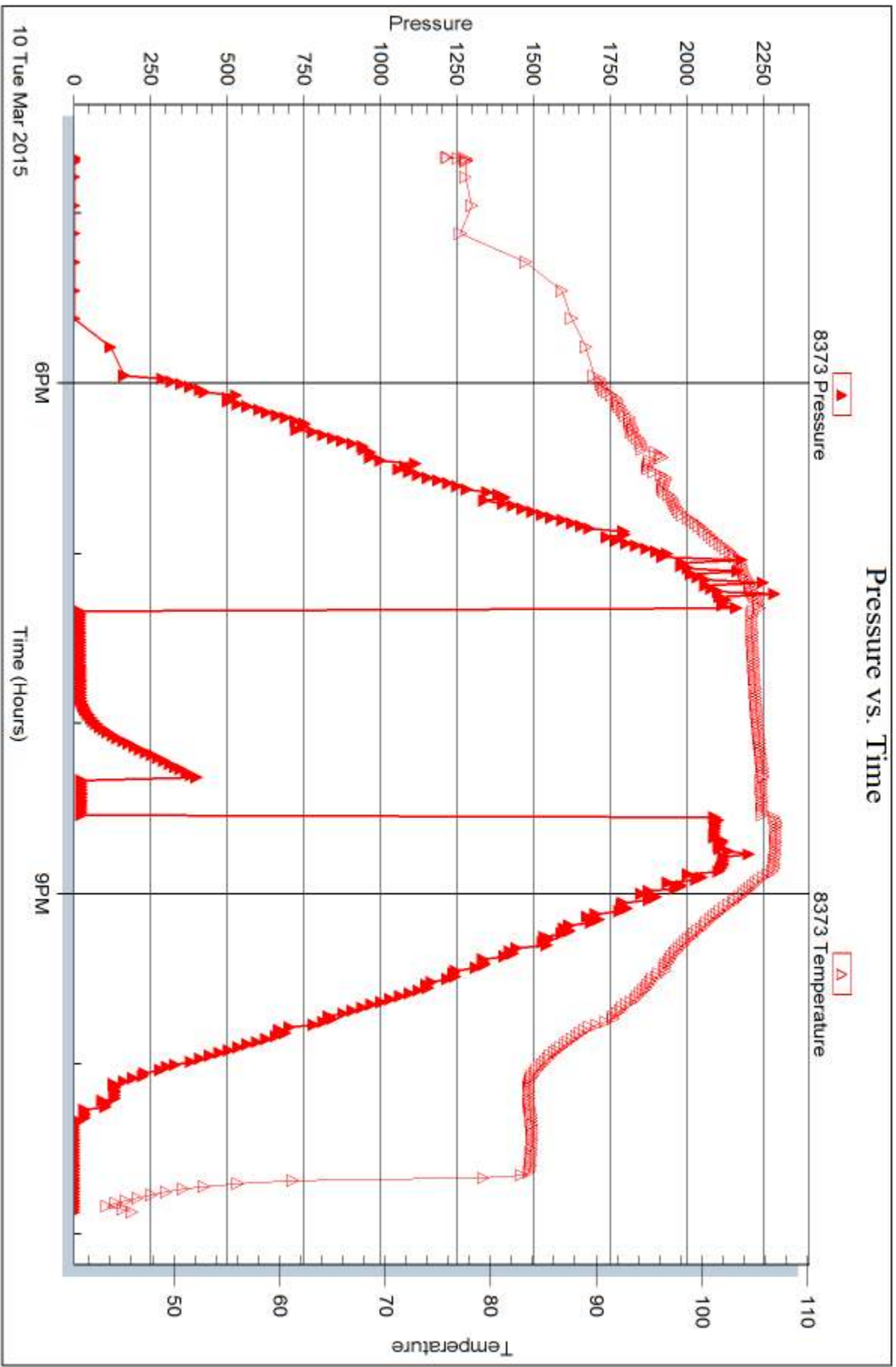
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

Timothy #1-22

22-22s-34w Finney,KS

Start Date: 2015.03.12 @ 20:00:55

End Date: 2015.03.13 @ 03:25:40

Job Ticket #: 61471 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.16 @ 15:09:29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Luke Thompson

22-22s-34w Finney, KS

Timothy #1-22

Job Ticket: 61471

DST#: 2

Test Start: 2015.03.12 @ 20:00:55

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 22:59:25

Time Test Ended: 03:25:40

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 84

Interval: 4667.00 ft (KB) To 4890.00 ft (KB) (TVD)

Reference Elevations: 2945.00 ft (KB)

Total Depth: 4890.00 ft (KB) (TVD)

2935.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771 Outside

Press@RunDepth: 1058.84 psig @ 4668.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.12

End Date:

2015.03.13

Last Calib.:

2015.03.13

Start Time: 20:00:55

End Time:

03:06:40

Time On Btm:

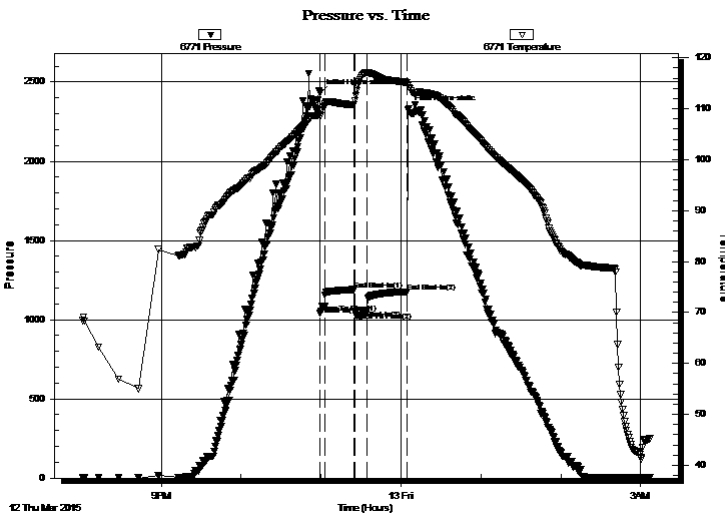
2015.03.12 @ 22:59:10

Time Off Btm:

2015.03.13 @ 00:05:10

TEST COMMENT: B.O.B. in 1 min
No return
B.O.B. in 1 1/2 min.
No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2429.33 | 108.83 | Initial Hydro-static |
| 1 | 1042.90 | 108.52 | Open To Flow (1) |
| 4 | 1083.60 | 110.53 | Shut-In(1) |
| 26 | 1189.17 | 110.77 | End Shut-In(1) |
| 27 | 1045.88 | 111.65 | Open To Flow (2) |
| 36 | 1058.84 | 117.12 | Shut-In(2) |
| 66 | 1175.89 | 115.15 | End Shut-In(2) |
| 66 | 2325.13 | 114.52 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------|--------------|
| 1240.00 | water 100%w | 15.15 |
| 496.00 | m c w 15% m 85% w | 6.96 |
| 124.00 | m c w 50% m 50% w | 1.74 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
3118 Cummings Rd
Garden City, KS 67846
ATTN: Luke Thompson

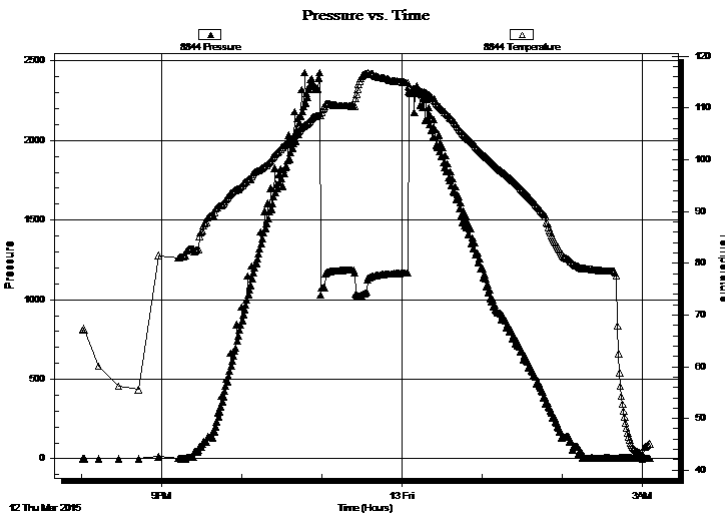
22-22s-34w Finney, KS
Timothy #1-22
Job Ticket: 61471 **DST#: 2**
Test Start: 2015.03.12 @ 20:00:55

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 22:59:25 Tester: Shane McBride
 Time Test Ended: 03:25:40 Unit No: 84
 Interval: **4667.00 ft (KB) To 4890.00 ft (KB) (TVD)** Reference Elevations: 2945.00 ft (KB)
 Total Depth: 4890.00 ft (KB) (TVD) 2935.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8844 Inside
 Press@RunDepth: psig @ 4668.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.12 End Date: 2015.03.13 Last Calib.: 2015.03.13
 Start Time: 20:00:46 End Time: 03:06:16 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. in 1 min
 No return
 B.O.B. in 1 1/2 min.
 No return



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------|--------------|
| 1240.00 | water 100%w | 15.15 |
| 496.00 | m c w 15%m 85%w | 6.96 |
| 124.00 | m c w 50%m 50%w | 1.74 |
| | | |
| | | |

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

22-22s-34w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61471

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.03.12 @ 20:00:55

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4417.00 ft | Diameter: 3.80 inches | Volume: 61.96 bbl | Tool Weight: 3500.00 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: 246.00 ft | Diameter: 2.25 inches | Volume: 1.21 bbl | Weight to Pull Loose: 95000.00 lb |
| | | | <u>Total Volume: 63.17 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 24.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Top Packer: | 4667.00 ft | | | Final 79000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 223.00 ft | | | |
| Tool Length: | 251.00 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 | | | 4640.00 | |
| Shut In Tool | 5.00 | | | 4645.00 | |
| Hydraulic tool | 5.00 | | | 4650.00 | |
| Jars | 5.00 | | | 4655.00 | |
| Safety Joint | 3.00 | | | 4658.00 | |
| Packer | 5.00 | | | 4663.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4667.00 | |
| Stubb | 1.00 | | | 4668.00 | |
| Recorder | 0.00 | 6771 | Outside | 4668.00 | |
| Recorder | 0.00 | 8844 | Inside | 4668.00 | |
| Perforations | 27.00 | | | 4695.00 | |
| Change Over Sub | 1.00 | | | 4696.00 | |
| Drill Pipe | 188.00 | | | 4884.00 | |
| Change Over Sub | 1.00 | | | 4885.00 | |
| Bullnose | 5.00 | | | 4890.00 | 223.00 Bottom Packers & Anchor |

Total Tool Length: 251.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

22-22s-34w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61471

DST#: 2

ATTN: Luke Thompson

Test Start: 2015.03.12 @ 20:00:55

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

39000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|-----------------|----------------|
| 1240.00 | water 100%w | 15.153 |
| 496.00 | m c w 15%m 85%w | 6.958 |
| 124.00 | m c w 50%m 50%w | 1.739 |

Total Length: 1860.00 ft Total Volume: 23.850 bbl

Num Fluid Samples: 0

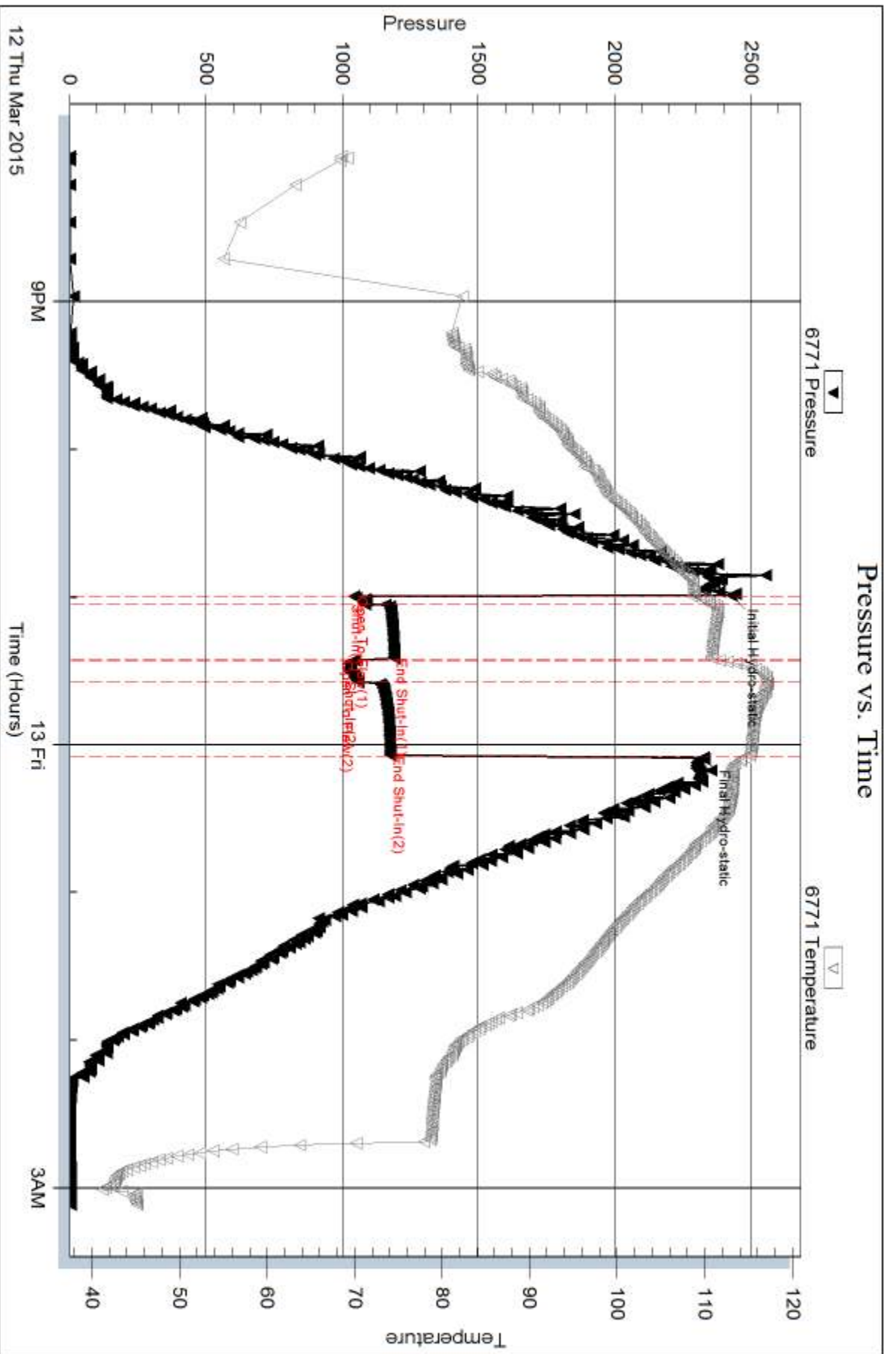
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .226 @ 56*f= 39000 chlor



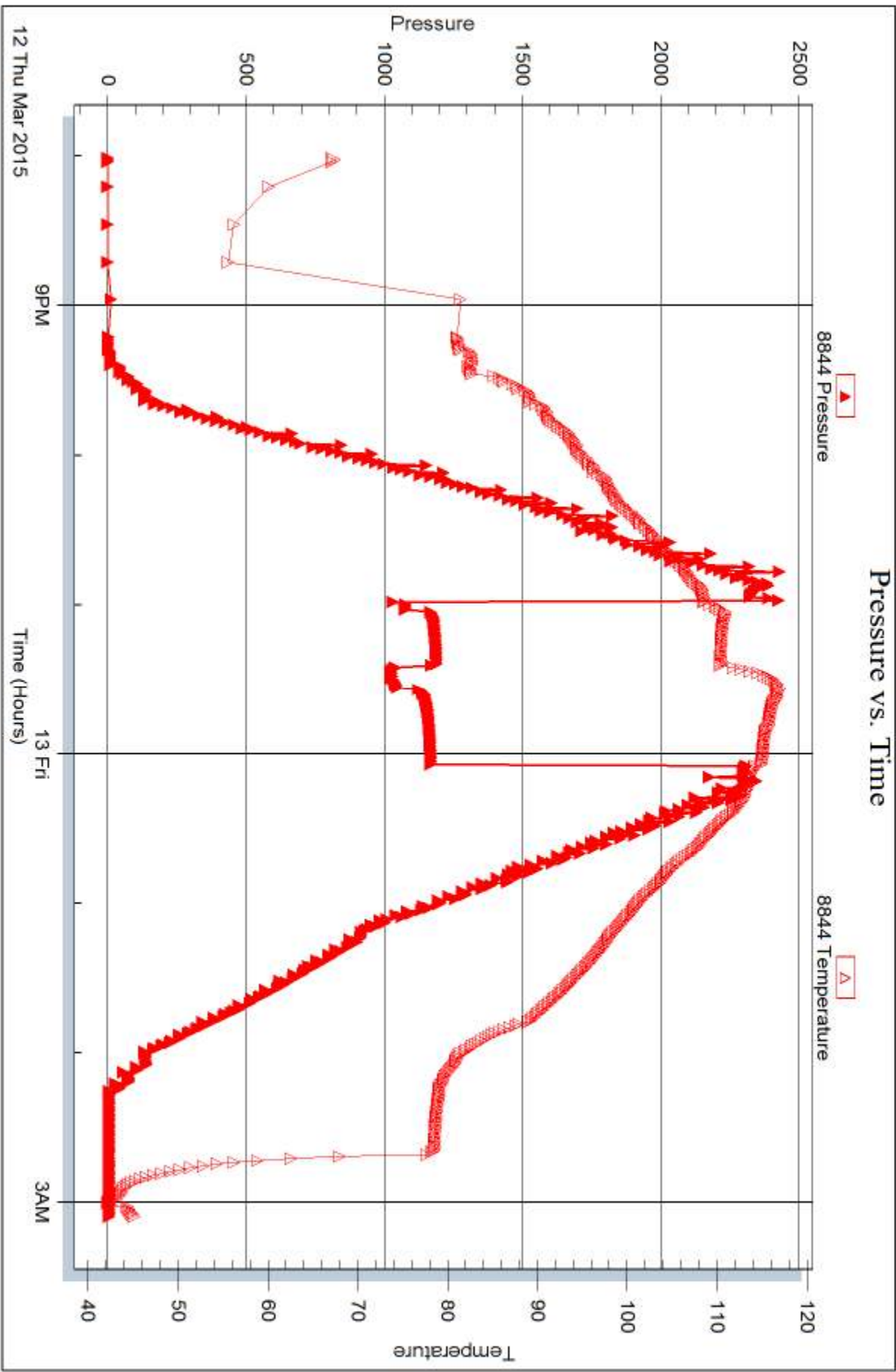
Serial #: 8844

Inside

American Warrior Inc

Timothy #1-22

DST Test Number: 2



Trickle Testing, Inc

Ref. No: 61471

Printed: 2015.03.16 @ 15:09:30



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

3118 Cummings Rd
Garden City, KS 67846

ATTN: Luke Thompson

Timothy #1-22

22-22s-34w Finney,KS

Start Date: 2015.03.14 @ 02:22:30

End Date: 2015.03.14 @ 08:45:30

Job Ticket #: 61472 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.03.16 @ 15:08:25



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

22-22s-34w Finney, KS

Timothy #1-22

Job Ticket: 61472

DST#: 3

Test Start: 2015.03.14 @ 02:22:30

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 04:28:00

Time Test Ended: 08:45:30

Test Type: Conventional Straddle (Reset)

Tester: Shane McBride

Unit No: 84

Interval: 4432.00 ft (KB) To 4455.00 ft (KB) (TVD)

Total Depth: 5000.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2945.00 ft (KB)

2935.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771 Outside

Press@RunDepth: 26.77 psig @ 4433.00 ft (KB)

Start Date: 2015.03.14

End Date:

2015.03.14

Start Time: 02:22:30

End Time:

08:29:30

Capacity: 8000.00 psig

Last Calib.: 2015.03.14

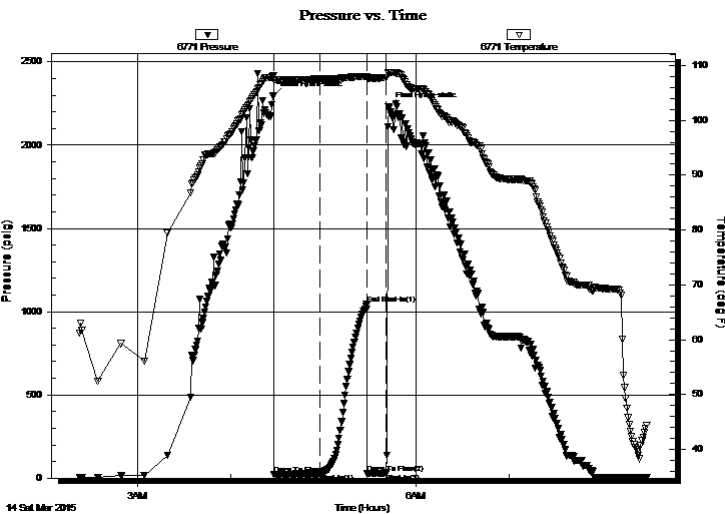
Time On Btm: 2015.03.14 @ 04:27:45

Time Off Btm: 2015.03.14 @ 05:42:15

TEST COMMENT: 1/4" blow died in 19 min.

No return

No blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2299.92 | 108.08 | Initial Hydro-static |
| 1 | 21.73 | 107.42 | Open To Flow (1) |
| 31 | 26.77 | 107.53 | Shut-In(1) |
| 61 | 1044.14 | 108.05 | End Shut-In(1) |
| 61 | 28.70 | 107.70 | Open To Flow (2) |
| 73 | 31.02 | 107.81 | Shut-In(2) |
| 75 | 2231.93 | 108.73 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100% m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

22-22s-34w Finney, KS

Timothy #1-22

Job Ticket: 61472

DST#: 3

Test Start: 2015.03.14 @ 02:22:30

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 04:28:00

Time Test Ended: 08:45:30

Test Type: Conventional Straddle (Reset)

Tester: Shane McBride

Unit No: 84

Interval: **4432.00 ft (KB) To 4455.00 ft (KB) (TVD)**

Total Depth: 5000.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2945.00 ft (KB)

2935.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8353 Below (Straddle)

Press@RunDepth: psig @ 4461.00 ft (KB)

Start Date: 2015.03.14

End Date:

2015.03.14

Start Time: 02:22:22

End Time:

08:27:52

Capacity: 8000.00 psig

Last Calib.:

2015.03.14

Time On Btm:

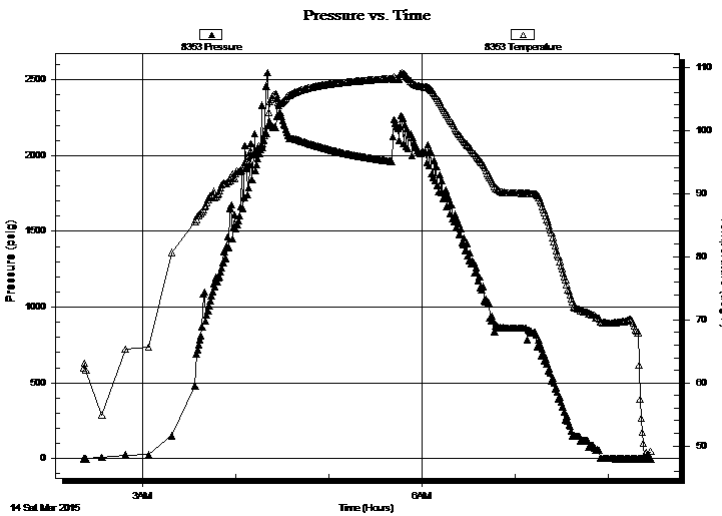
Time Off Btm:

TEST COMMENT: 1/4" blow died in 19 min.

No return

No blow

PRESSURE SUMMARY



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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100% m | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Luke Thompson

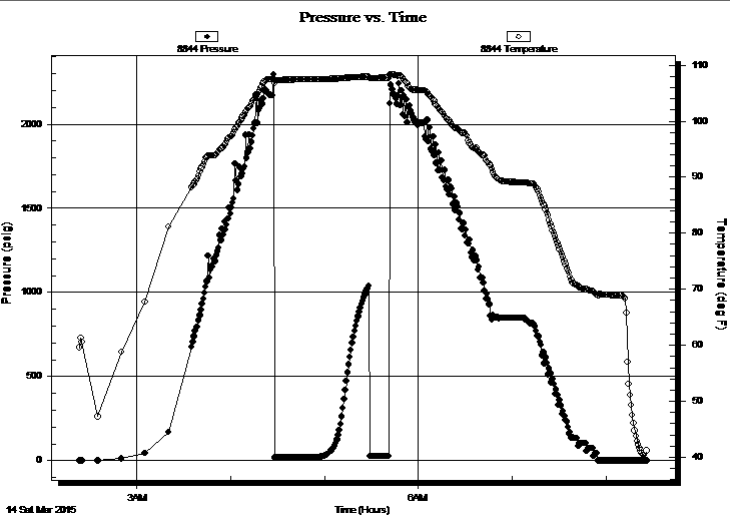
22-22s-34w Finney, KS
Timothy #1-22
 Job Ticket: 61472 **DST#: 3**
 Test Start: 2015.03.14 @ 02:22:30

GENERAL INFORMATION:

Formation: **Pawnee**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 04:28:00
 Time Test Ended: 08:45:30
Interval: 4432.00 ft (KB) To 4455.00 ft (KB) (TVD)
 Total Depth: 5000.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Shane McBride
 Unit No: 84
 Reference Elevations: 2945.00 ft (KB)
 2935.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8844 Inside
 Press@RunDepth: psig @ 4433.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.14 End Date: 2015.03.14 Last Calib.: 2015.03.14
 Start Time: 02:23:14 End Time: 08:25:59 Time On Btm:
 Time Off Btm:

TEST COMMENT: 1/4" blow died in 19 min.
 No return
 No blow



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud 100% m | 0.02 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

22-22s-34w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61472

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.03.14 @ 02:22:30

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4164.00 ft | Diameter: 3.80 inches | Volume: 58.41 bbl | Tool Weight: 6000.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 32000.00 lb |
| Drill Collar: | Length: 246.00 ft | Diameter: 2.25 inches | Volume: 1.21 bbl | Weight to Pull Loose: 85000.00 lb |
| | | | <u>Total Volume: 59.62 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 6.00 ft | | | String Weight: Initial 70000.00 lb |
| Depth to Top Packer: | 4432.00 ft | | | Final 70000.00 lb |
| Depth to Bottom Packer: | 5000.00 ft | | | |
| Interval between Packers: | 568.00 ft | | | |
| Tool Length: | 596.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

| | | | | | |
|------------------|--------|------|---------|---------|--------------------------------|
| Change Over Sub | 1.00 | | | 4405.00 | |
| Shut In Tool | 5.00 | | | 4410.00 | |
| Hydraulic tool | 5.00 | | | 4415.00 | |
| Jars | 5.00 | | | 4420.00 | |
| Safety Joint | 3.00 | | | 4423.00 | |
| Packer | 5.00 | | | 4428.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4432.00 | |
| Stubb | 1.00 | | | 4433.00 | |
| Recorder | 0.00 | 6771 | Outside | 4433.00 | |
| Recorder | 0.00 | 8844 | Inside | 4433.00 | |
| Perforations | 18.00 | | | 4451.00 | |
| Blank Off Sub | 1.00 | | | 4452.00 | |
| top of s. packer | 3.00 | | | 4455.00 | |
| straddle packer | 0.00 | | | 4455.00 | |
| Stubb | 1.00 | | | 4456.00 | |
| Anchor | 4.00 | | | 4460.00 | |
| Change Over Sub | 1.00 | | | 4461.00 | |
| Recorder | 0.00 | 8353 | Below | 4461.00 | |
| Drill Pipe | 533.00 | | | 4994.00 | |
| Change Over Sub | 1.00 | | | 4995.00 | |
| Bullnose | 5.00 | | | 5000.00 | 568.00 Bottom Packers & Anchor |

Total Tool Length: 596.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

22-22s-34w Finney,KS

3118 Cummings Rd
Garden City, KS 67846

Timothy #1-22

Job Ticket: 61472

DST#: 3

ATTN: Luke Thompson

Test Start: 2015.03.14 @ 02:22:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | mud 100%m | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

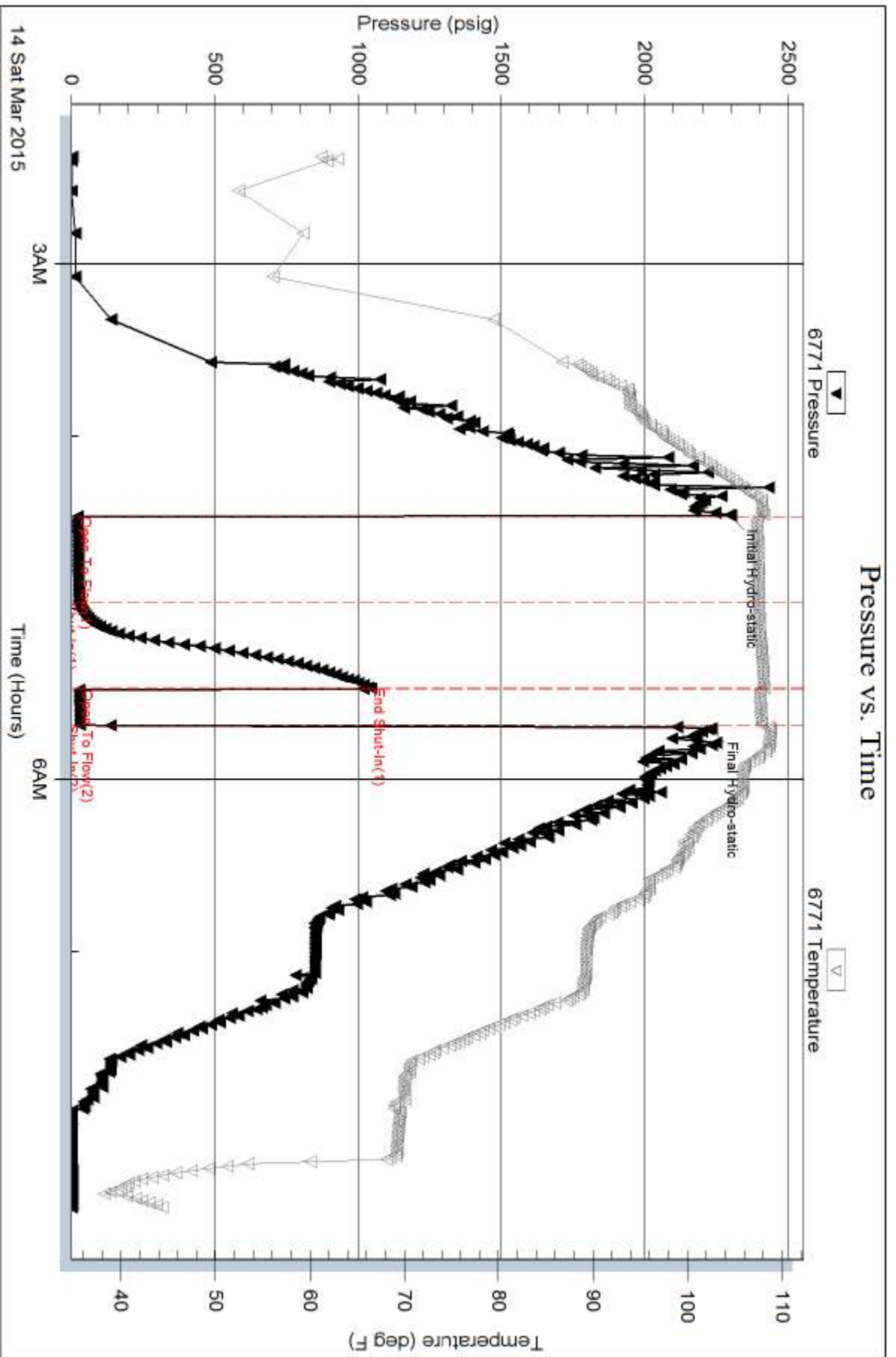
Recovery Comments:

Serial #: 6771

Outside American Warrior Inc

Timothy #1-22

DST Test Number: 3

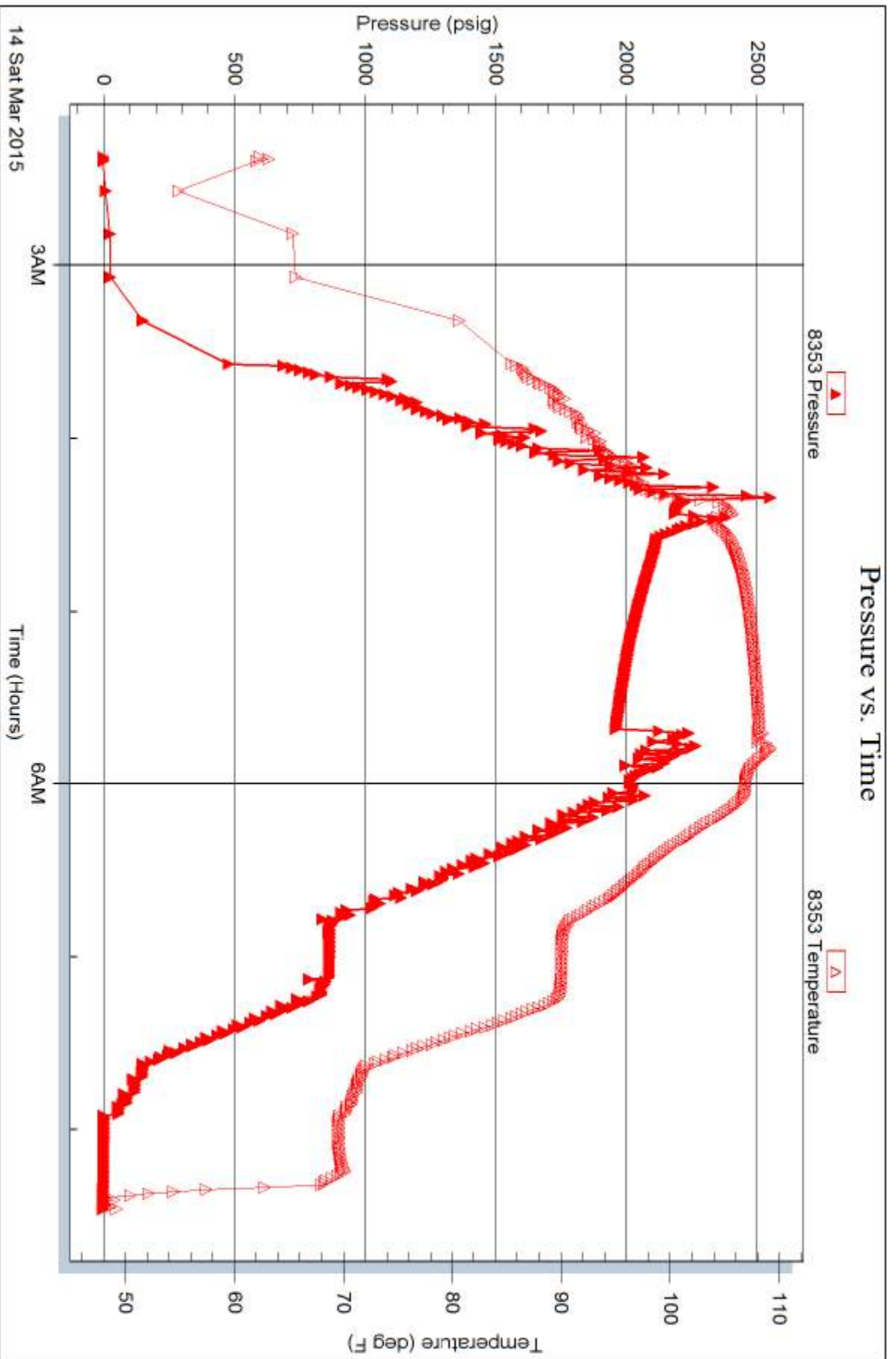


Serial #: 8353

Below (Straddle)an Warrior Inc

Timothy #1-22

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 61472

Printed: 2015.03.16 @ 15:08:26

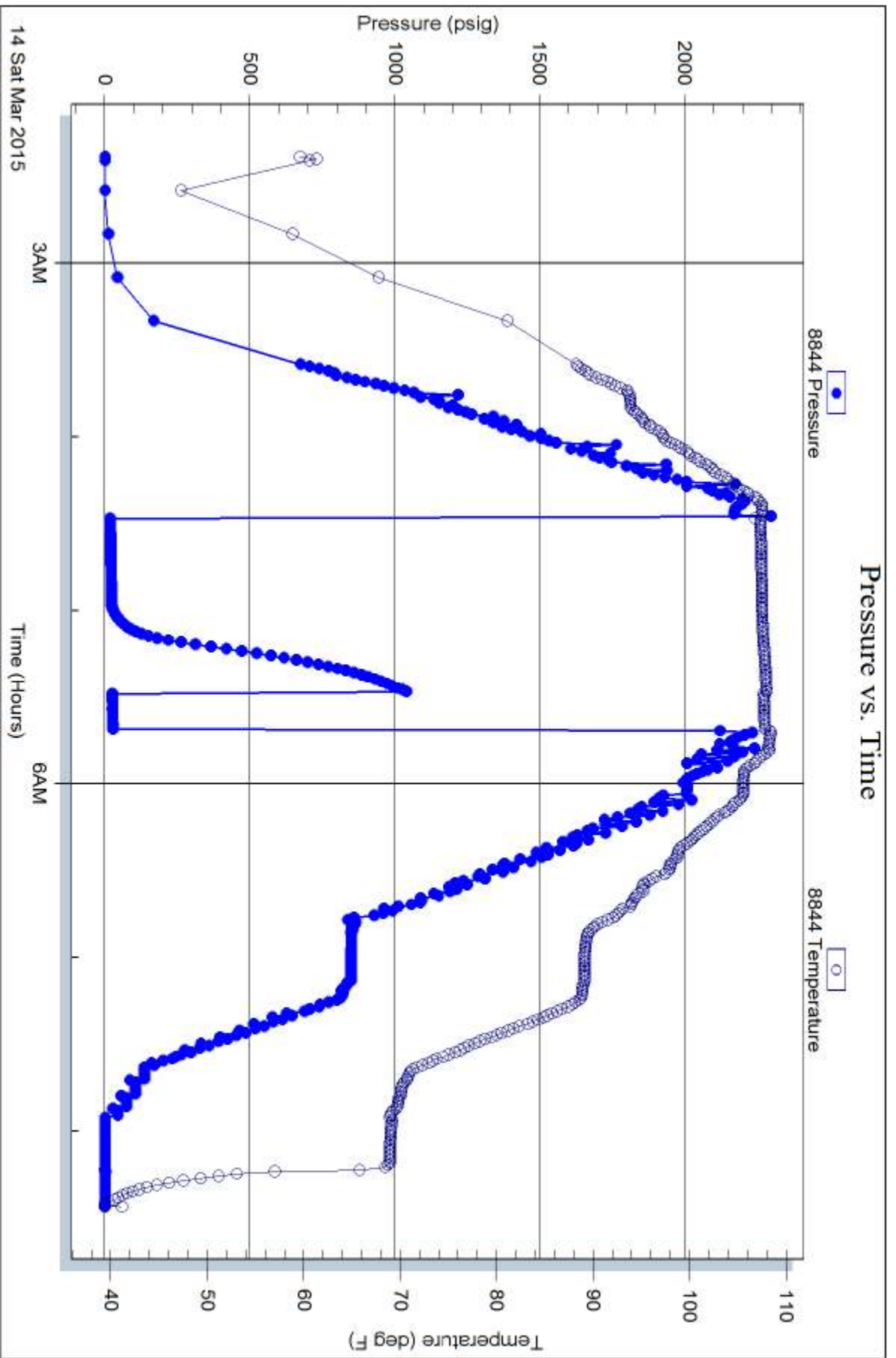
Serial #: 8844

Inside

American Warrior Inc

Timothy #1-22

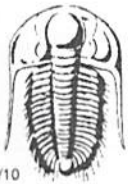
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61472

Printed: 2015.03.16 @ 15:08:27



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61528

Well Name & No. Timothy 1-22 Test No. 1 Date 3-10-15
 Company American Warrior Inc Elevation 2945 KB 2935 GL
 Address 3118 Cummings Rd Garden city, KS 67846
 Co. Rep / Geo. Luke Thompson Rig Duke 5
 Location: Sec. 22 Twp. 22S Rge. 34W Co. Finney State KS

Interval Tested 4332 4403 Zone Tested Marmaton
 Anchor Length 71 Drill Pipe Run 4092 Mud Wt. 9.3
 Top Packer Depth 4327 Drill Collars Run 246 Vis 61
 Bottom Packer Depth 4332 Wt. Pipe Run — WL 8.8
 Total Depth 4403 Chlorides 1700 ppm System LCM Z

Blow Description IF: Surface blow died in 6 min.
IS: No return.
FK: No blow.
FS: Pulled tool.

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------|------------|------|------|------------|------|
| <u>5</u> | <u>Mud</u> | | | <u>100</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 5 BHT 105 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2153 Test 1150 T-On Location 14:30
 (B) First Initial Flow 17 Jars 250 T-Started 16:40
 (C) First Final Flow 21 Safety Joint 1-100.00 75 T-Open 19:20
 (D) Initial Shut-In 397 Circ Sub N/L T-Pulled 20:30
 (E) Second Initial Flow 22 Hourly Standby — T-Out 22:50
 (F) Second Final Flow 23 Mileage 96- 96
 (G) Final Shut-In — Sampler —
 (H) Final Hydrostatic 2121 Straddle —

Shale Packer — Ruined Shale Packer —
 Extra Packer — Ruined Packer —
 Extra Recorder — Extra Copies —
 Initial Open 30 Day Standby — Sub Total 0
 Initial Shut-In 30 Accessibility — Total 1571
 Final Flow 10 Sub Total 1571 MP/DST Disc't —
 Final Shut-In pull

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **61471**

Well Name & No. Timothy #1-22 Test No. #2 Date 3/13/15
 Company American Warrior Inc. Elevation 2945 KB 2935 GL
 Address 3118 Cummings Rd, Garden City KS 67844
 Co. Rep / Geo. Luke Thompson Rig Duke #5
 Location: Sec. 22 Twp. 22S Rge. 34W Co. Finney State KS

Interval Tested 4667 4890 Zone Tested Y Morrow
 Anchor Length 223 Drill Pipe Run 4417 Mud Wt. 9.5
 Top Packer Depth 4662 Drill Collars Run 244 Vis 54
 Bottom Packer Depth 4667 Wt. Pipe Run --- WL 8.8
 Total Depth 4890 Chlorides 2100 ppm System LCM #2

Blow Description B.O.B. in 1m
No return
B.O.B. in 1 1/2 m.w.
No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-------------|----------------------|------|------|------------|-----------|
| <u>124</u> | <u>Mud Cut Water</u> | | | <u>50</u> | <u>50</u> |
| <u>494</u> | <u>M.C.W</u> | | | <u>85</u> | <u>15</u> |
| <u>1240</u> | <u>Water</u> | | | <u>100</u> | |
| | | | | | |
| | | | | | |

Rec Total 1860 BHT 115° Gravity --- API RW .226 @ 56° F Chlorides 39,000 ppm

(A) Initial Hydrostatic 2429 Test 1150 T-On Location 19:45
 (B) First Initial Flow 1042 Jars 250 T-Started 20:00
 (C) First Final Flow 1083 Safety Joint 75 T-Open 23:00
 (D) Initial Shut-In 1189 Circ Sub W/C T-Pulled 00:05
 (E) Second Initial Flow 1045 Hourly Standby T-Out 03:25
 (F) Second Final Flow 1058 Mileage 96 RT 96 Comments _____
 (G) Final Shut-In 1175 Sampler _____
 (H) Final Hydrostatic 2325 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1571
 Accessibility _____ MP/DST Disc't _____

Initial Open 10
 Initial Shut-In 15
 Final Flow 10
 Final Shut-In 30

Sub Total 1571
 Approved By _____ Our Representative

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61472

Well Name & No. Timothy # 1-22 Test No. #3 Date 3/14/15
 Company American Warrior Inc Elevation 2943 KB 2935 GL
 Address 3118 Cummings Rd. Garden City, Ks 67840
 Co. Rep / Geo. Luke Thompson Rig Duke #3
 Location: Sec. 22 Twp. 22S Rge. 37W Co. Finney State Ks

Interval Tested 4432 4435 Zone Tested Pawnee
 Anchor Length 23 Drill Pipe Run 4164 Mud Wt. 9.4
 Top Packer Depth 4427 4432 Drill Collars Run 244 Vis 04
 Bottom Packer Depth 4432 4455 Wt. Pipe Run — WL 8.8
 Total Depth 5000 Chlorides 2400 ppm System LCM #2

Blow Description 1/4" Blow dreed on 19mm.
No return
No blow

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|------|------|--------|-------------|
| <u>5'</u> | <u>Mad</u> | | | | <u>100%</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 5' BHT 108° Gravity — API RW — @ —° F Chlorides — ppm

- (A) Initial Hydrostatic 2299
- (B) First Initial Flow 21
- (C) First Final Flow 26
- (D) Initial Shut-In 1044
- (E) Second Initial Flow 28
- (F) Second Final Flow 31
- (G) Final Shut-In —
- (H) Final Hydrostatic 2231

- Test 1150
- Jars 250
- Safety Joint 75
- Circ Sub w/c
- Hourly Standby
- Mileage 96 96
- Sampler
- Straddle 600
- Shale Packer 250
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 2421

- T-On Location 01:50
- T-Started 02:22
- T-Open 04:30
- T-Pulled 05:40
- T-Out 08:45

Comments Released 5
Loaded tools @ 8:45
3/14/15

Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In —

- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 2421
- MP/DST Disc't

Approved By _____ Our Representative [Signature]

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Geological Report

American Warrior, Inc.

Timothy #1-22

676' FSL & 2283' FEL

Sec 22, T22s, R34w

Finney County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Timothy #1-22
676' FSL & 2283' FEL
Sec. 22, T22s, R34w
Finney County, Kansas
API # 15-055-22391-00-00

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Luke Thompson

Spud Date: March 4, 2015

Completion Date: March 15, 2015

Elevation 2934' G.L.
2945' K.B.

Directions: From the NW side of Holcomb, KS at the intersection of Hwy 50 and Big Lowe Rd, go north 8 miles to Miller Rd, go west 2.5 miles to lease Rd, north into.

Casing: 1755' 8 5/8" #24 Surface Casing

Samples: 3800' to RTD 10' Wet & Dry

Drilling Time: 3750' to RTD

Electric Logs: Pioneer Energy Services "D. Schmidt"
Full Sweep

Drillstem Tests: Three-Trilobite Testing "Brandon Turley"

Problems: none encountered

Formation Tops

Timothy #1-22

Sec. 22, T22s, R34w

676' FSL & 2283' FEL

| | |
|------------|-------------|
| Anhydrite | 1950' +995 |
| Base | 2006' +939 |
| Heebner | 3802' -857 |
| Lansing | 3861' -916 |
| Stark | 4201' -1256 |
| Bkc | 4333' -1388 |
| Marmaton | 4364' -1419 |
| Pawnee | 4440' -1495 |
| Fort Scott | 4467' -1522 |
| Cherokee | 4480' -1535 |
| Morrow | 4700' -1755 |
| Miss | 4868' -1923 |
| RTD | 5000' -2055 |
| LTD | 4999' -2054 |

Sample Zone Descriptions

Marmaton (4390', -1445): Covered in DST #1

Limestone, tan, chalky, oolitic packstone, poor oolitic porosity, slight odor, slight show of free oil when broke. Gas kick 120 units hotwire.

Morrow (4780', -1835): Covered in DST #2

Sandstone, grey, very fine grain, sub round, fair sorting, medium consolidation, poor inter crystalline porosity, slight odor, slight show of free oil when broke, poor saturation. Gas kick 30 units hotwire.

Pawnee (4450', -1505): Covered in DST #3

Limestone, cream, sub crystalline, chalky, mudstone, scattered pinpoint vuggy porosity, slight odor, no show of free oil. Gas kick 40 units hotwire.

Drill Stem Tests
Trilobite Testing
“Brandon Turley”

DST #1

Marmaton

Interval (4332' – 4403') Anchor Length 71'

| | | |
|------|---------------------------|---------|
| IHP | - 2154 # | |
| IFP | - 30" – WSB died in 6 min | 18-22 # |
| ISI | - 30" – No return | 397 # |
| FFP | - 10" – No blow | 22-24 # |
| FSIP | - Pulled tool | N/A |
| FHP | - 2121 # | |
| BHT | - 107° F | |

Recovery: 5' M

DST #2

Morrow

Interval (4667' - 4890') Anchor Length 223'

| | | |
|------|---------------------|-------------|
| IHP | - 2429 # | |
| IFP | - 10" – BOB 1 min | 1043-1084 # |
| ISI | - 15" – No return | 1189 # |
| FFP | - 10" – BOB 1 ½ min | 1046-1059 # |
| FSIP | - 30" – No return | 1176 # |
| FHP | - 2325# | |
| BHT | - 115° F | |

Recovery: 1240' W
620' MCW

DST #3

Pawnee

Interval (4432' – 4455') Anchor Length 23' Tail Pipe 545'

| | | |
|------|--------------------------------|---------|
| IHP | - 2300 # | |
| IFP | - 30" – ¼" blow died in 19 min | 22-27 # |
| ISI | - 30" – No return | 1044 # |
| FFP | - 10" – No blow | 29-31 # |
| FSIP | - Pulled Tool | N/A |
| FHP | - 2232 # | |
| BHT | - 109 ° F | |

Recovery: 5' M

Structural Comparison

| | American Warrior, Inc. Timothy #1-22 Sec. 22, T22s, R34w 676' FSL & 2283' FEL | | American Warrior, Inc. Six M #1-23 Sec. 23, T22s, R34w 2309' FNL & 1345' FWL | | Sonat Exploration Co. Six M Farms #1-23 Sec. 23, T22s, R34w 1650' FNL & 2000' FWL |
|-------------------|--|------------|---|------------|--|
| Formation | | | | | |
| Heebner | 3802' -857 | +28 | 3827' -885 | +21 | 3811' -878 |
| Lansing | 3861' -916 | +30 | 3888' -946 | +23 | 3872' -939 |
| Stark | 4201' -1256 | +21 | 4219' -1277 | +18 | 4207' -1274 |
| BKC | 4333' -1388 | +21 | 4351' -1409 | +19 | 4340' -1407 |
| Marmaton | 4364' -1419 | +15 | 4376' -1434 | +13 | 4365' -1432 |
| Pawnee | 4440' -1495 | +36 | 4473' -1531 | +28 | 4456' -1523 |
| Fort Scott | 4467' -1522 | +38 | 4502' -1560 | +31 | 4486' -1553 |
| Cherokee | 4480' -1535 | +35 | 4512' -1570 | +28 | 4496' -1563 |
| Morrow | 4700' -1755 | +16 | 4716' -1774 | +11 | 4699' -1766 |
| Miss | 4868' -1923 | -45 | 4820' -1878 | -64 | 4792' -1859 |

Summary

The location for the Timothy #1-22 well was found via 3-D seismic survey. The new well ran structurally as expected. Three drill stem tests were conducted none of which recovered commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Timothy #1-22.

Respectfully Submitted,

Lukas Thompson
American Warrior, Inc.

