



KANSAS CORPORATION COMMISSION 1094317
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

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



1094317

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	Strecker 4-6
Doc ID	1094317

Tops

Name	Top	Datum
Anhydrite	1378	762
Heebner	3616	-1477
Lansing	3664	-1524
Base Kansas City	3989	-1849
Pawnee	4066	-1926
Ft. Scott	4146	-2006
Cherokee	4165	-2025
Mississippian	4246	-2106
TD	4267	-2127



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Strecker #4-6

S5-19s-21w Ness,KS

Start Date: 2012.04.16 @ 12:35:00

End Date: 2012.04.16 @ 21:46:49

Job Ticket #: 46629 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.04.19 @ 10:43:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

S5-19s-21w Ness, KS

Strecker #4-6

Job Ticket: 46629

DST#: 1

Test Start: 2012.04.16 @ 12:35:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:01:10

Time Test Ended: 21:46:49

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4193.00 ft (KB) To 4255.00 ft (KB) (TVD)

Reference Elevations: 2140.00 ft (KB)

Total Depth: 4255.00 ft (KB) (TVD)

2134.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 63.76 psig @ 4197.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.16

End Date:

2012.04.16

Last Calib.:

2012.04.16

Start Time: 12:35:02

End Time:

21:46:49

Time On Btm:

2012.04.16 @ 14:59:00

Time Off Btm:

2012.04.16 @ 16:49:50

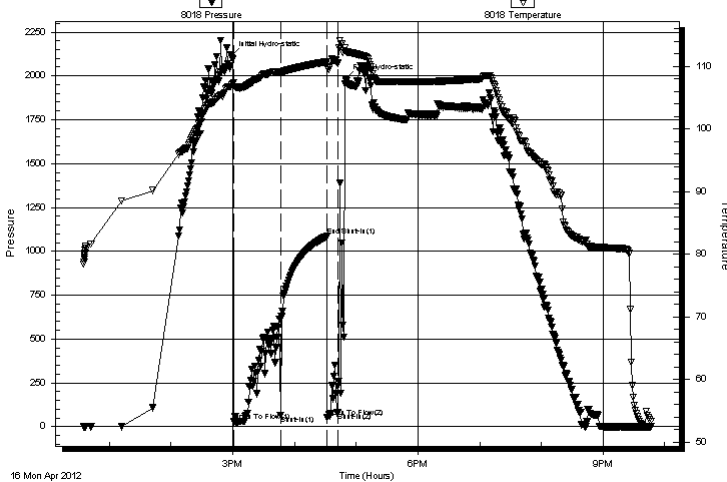
TEST COMMENT: 1 1/2" Blow .

No return.

2 1/2" Building blow then B.O.B. due to packer failure @ 11 minutes.

Pulled tool.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.45	107.01	Initial Hydro-static
3	28.39	107.40	Open To Flow (1)
48	63.76	108.86	Shut-In(1)
93	1085.13	110.70	End Shut-In(1)
93	53.64	109.99	Open To Flow (2)
103	79.60	110.43	Shut-In(2)
111	1982.19	112.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
561.00	M 100m	6.79
189.00	OSM 100m	2.65

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

S5-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Strecker #4-6

Job Ticket: 46629

DST#: 1

ATTN: Jason Alm

Test Start: 2012.04.16 @ 12:35:00

Tool Information

Drill Pipe:	Length: 4069.00 ft	Diameter: 3.80 inches	Volume: 57.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.50 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4193.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	89.50 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			4166.50	
Shut In Tool	5.00			4171.50	
Hydraulic tool	5.00			4176.50	
Jars	5.00			4181.50	
Safety Joint	2.50			4184.00	
Packer	5.00			4189.00	27.50 Bottom Of Top Packer
Packer	4.00			4193.00	
Stubb	1.00			4194.00	
Perforations	3.00			4197.00	
Recorder	0.00	8018	Inside	4197.00	
Recorder	0.00	6751	Outside	4197.00	
Perforations	22.00			4219.00	
Change Over Sub	1.00			4220.00	
Drill Pipe	31.00			4251.00	
Change Over Sub	1.00			4252.00	
Bullnose	3.00			4255.00	62.00 Bottom Packers & Anchor
Total Tool Length:	89.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

S5-19s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Strecker #4-6

Job Ticket: 46629

DST#: 1

ATTN: Jason Alm

Test Start: 2012.04.16 @ 12:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 62000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
561.00	M 100m	6.785
189.00	OSM 100m	2.651

Total Length: 750.00 ft Total Volume: 9.436 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

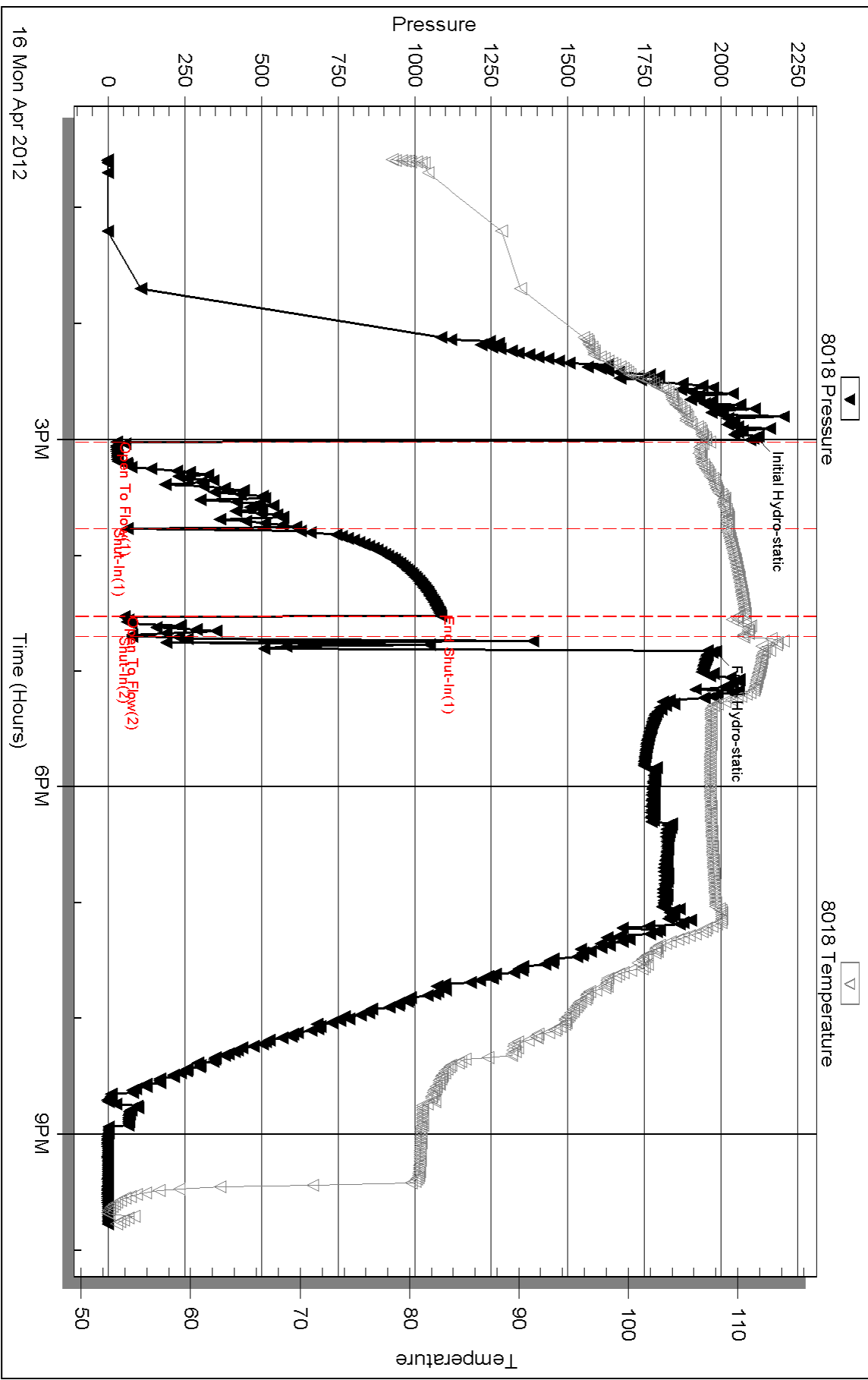
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

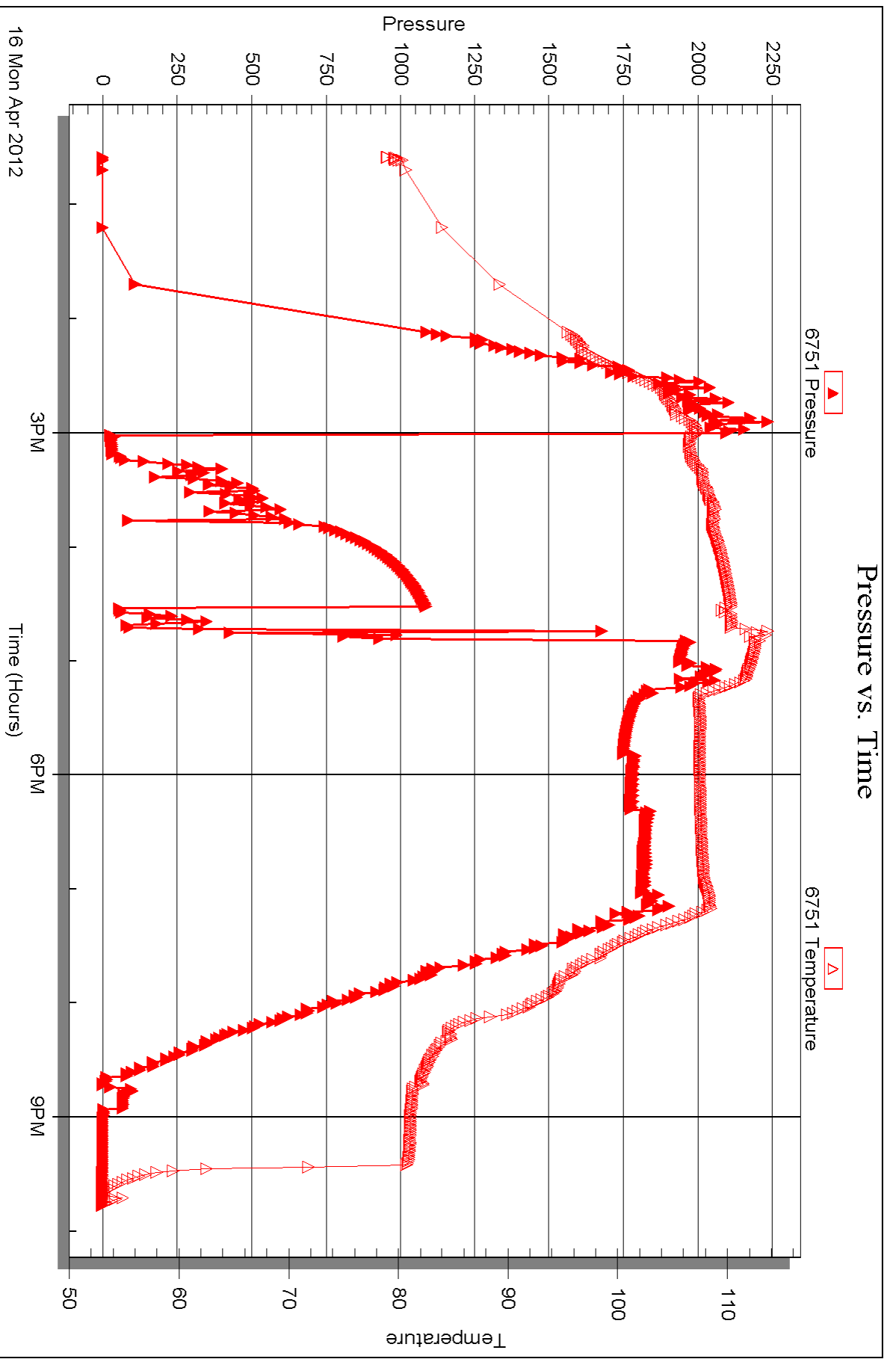


Serial #: 6751

Outside American Warrior, Inc.

Strecker #4-6

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Strecker #4-6

S5-19s-21w Ness,KS

Start Date: 2012.04.17 @ 08:10:00

End Date: 2012.04.17 @ 15:57:20

Job Ticket #: 44630 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.04.19 @ 10:42:17



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

S5-19s-21w Ness, KS
Strecker #4-6
 Job Ticket: 44630 **DST#: 2**
 Test Start: 2012.04.17 @ 08:10:00

GENERAL INFORMATION:

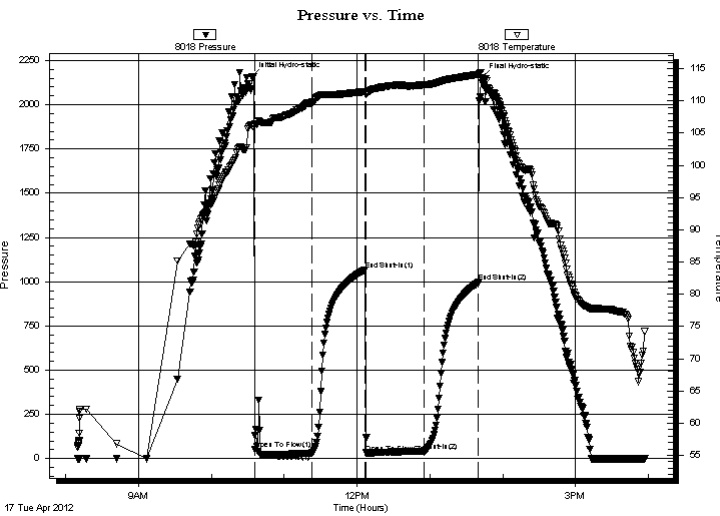
Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:36:00
 Time Test Ended: 15:57:20
Interval: 4250.00 ft (KB) To 4257.00 ft (KB) (TVD)
 Total Depth: 4257.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2140.00 ft (KB)
 2134.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 42.32 psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.04.17 End Date: 2012.04.17 Last Calib.: 2012.04.17
 Start Time: 08:10:02 End Time: 15:57:19 Time On Btm: 2012.04.17 @ 10:33:20
 Time Off Btm: 2012.04.17 @ 13:42:30

TEST COMMENT: 2" Blow .
 No return.
 1 1/2" Blow .
 Weak surface return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.50	106.22	Initial Hydro-static
3	52.44	106.37	Open To Flow (1)
49	29.41	109.71	Shut-In(1)
94	1068.21	111.44	End Shut-In(1)
95	32.23	110.99	Open To Flow (2)
142	42.32	112.49	Shut-In(2)
187	996.10	114.08	End Shut-In(2)
190	2155.05	113.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	OCM 20o 80m	0.29
10.00	GO 5g 95o	0.05

* 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.

S5-19s-21w Ness, KS

PO Box 399
Garden City, KS 67846

Strecker #4-6

Job Ticket: 44630

DST#: 2

ATTN: Jason Alm

Test Start: 2012.04.17 @ 08:10:00

Tool Information

Drill Pipe:	Length: 4133.00 ft	Diameter: 3.80 inches	Volume: 57.98 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 119.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.50 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4250.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	34.50 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			4223.50	
Shut In Tool	5.00			4228.50	
Hydraulic tool	5.00			4233.50	
Jars	5.00			4238.50	
Safety Joint	2.50			4241.00	
Packer	5.00			4246.00	27.50 Bottom Of Top Packer
Packer	4.00			4250.00	
Stubb	1.00			4251.00	
Recorder	0.00	8018	Inside	4251.00	
Recorder	0.00	6751	Outside	4251.00	
Perforations	3.00			4254.00	
Bullnose	3.00			4257.00	7.00 Bottom Packers & Anchor

Total Tool Length: 34.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

S5-19s-21w Ness,KS

PO Box 399
Garden City, KS 67846

Strecker #4-6

Job Ticket: 44630

DST#: 2

ATTN: Jason Alm

Test Start: 2012.04.17 @ 08:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
59.00	OCM 20o 80m	0.290
10.00	GO 5g 95o	0.049

Total Length: 69.00 ft Total Volume: 0.339 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 40 @ 70 Degrees F = 39.

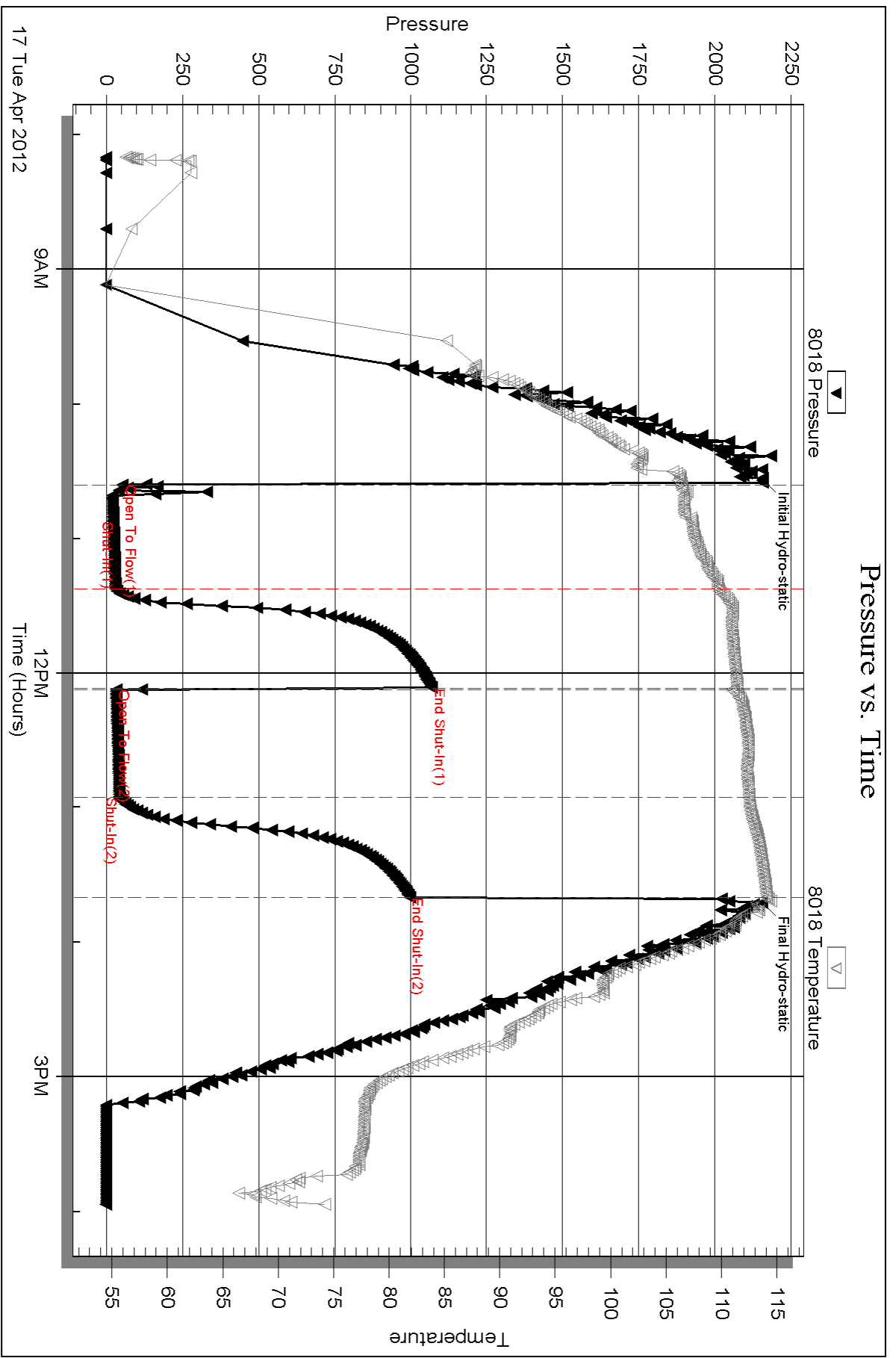
Serial #: 8018

Inside

American Warrior, Inc.

Strecker #4-6

DST Test Number: 2

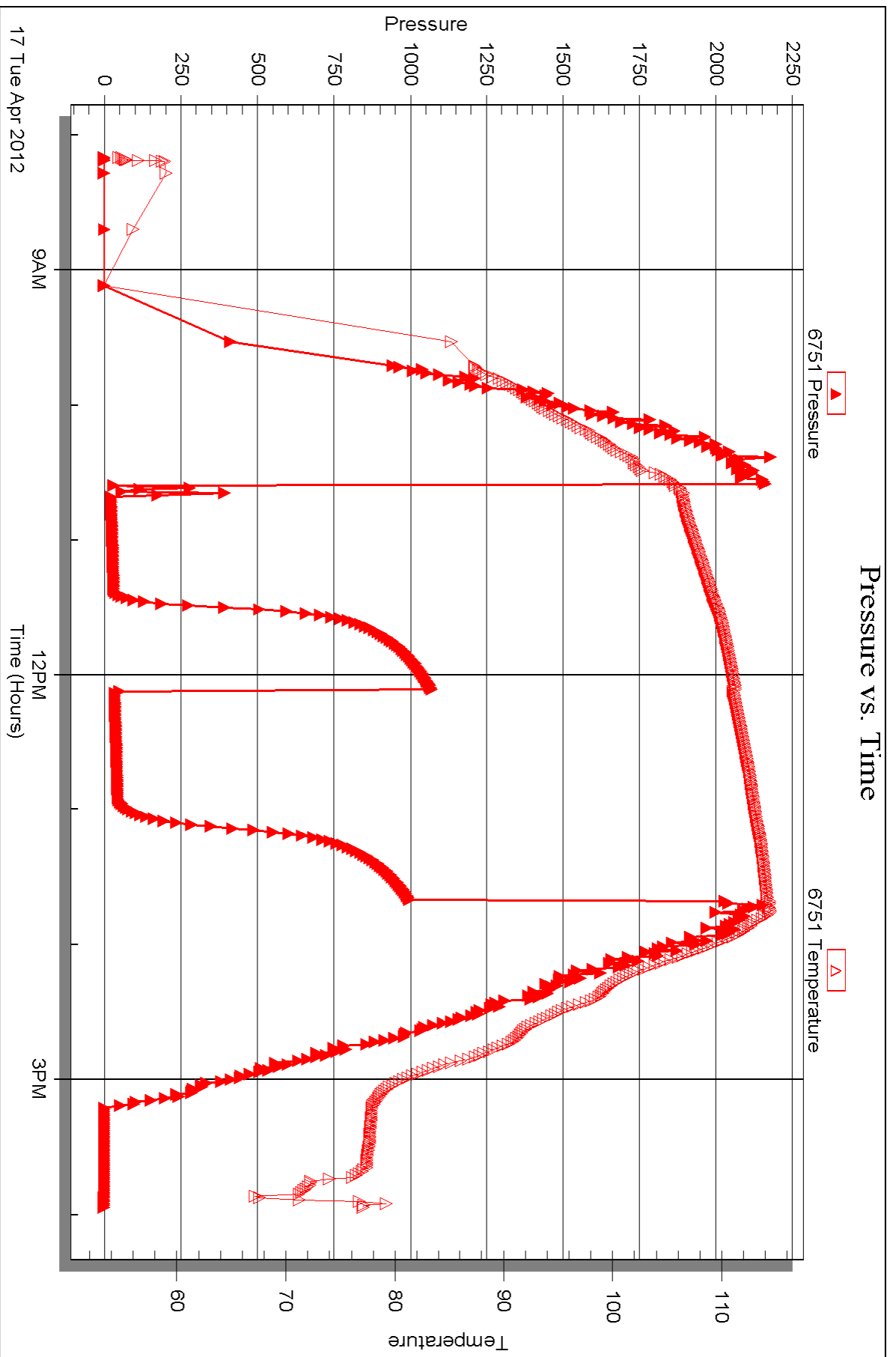


Serial #: 6751

Outside American Warrior, Inc.

Strecker #4-6

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 19 2012
BY: _____

Test Ticket

NO. 46629

Well Name & No. Strecker # 4-6 Test No. 1 Date 4-16-12
 Company American Warrior Inc. Elevation 2140 KB 2134 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark 1
 Location: Sec. 6 Twp. 19s Rge. 21w Co. Ness State KS

Interval Tested 4193 - 4255 Zone Tested Mississippian
 Anchor Length 62 Drill Pipe Run 4069 Mud Wt. 9.3
 Top Packer Depth 4189 Drill Collars Run 119 Vis 54
 Bottom Packer Depth 4193 Wt. Pipe Run 0 WL 8.8
 Total Depth 4255 Chlorides 6200 ppm System LCM 0

Blow Description 1 1/2" Blow.
No return.
2 1/2" Building blow then B.O.B. due to packer failure @ 11 minutes.
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>189</u>	Feet of <u>OSM</u>	%gas	%oil	%water <u>100</u>	%mud
Rec <u>561</u>	Feet of <u>M</u>	%gas	%oil	%water <u>100</u>	%mud
Rec _____	Feet of _____	%gas	%oil	%water _____	%mud _____
Rec _____	Feet of _____	%gas	%oil	%water _____	%mud _____

Rec Total 750 BHT 110 Gravity — API RW @ _____ °F Chlorides — ppm
 (A) Initial Hydrostatic 2116 Test 1250' T-On Location 11:30
 (B) First Initial Flow 28 Jars 250' T-Started 12:35
 (C) First Final Flow 64 Safety Joint 75' T-Open 15:01
 (D) Initial Shut-In 1085 Circ Sub N/C T-Pulled 16:42
 (E) Second Initial Flow 54 Hourly Standby 1/4 hr 25' T-Out 21:47
 (F) Second Final Flow 80 Mileage 138 RT 213.90 Comments _____
 (G) Final Shut-In N/A Sampler _____
 (H) Final Hydrostatic 1982 Straddle _____

Initial Open 45 Shale Packer _____
 Initial Shut-In 45 Shale Packer _____
 Final Flow 16 Extra Packer _____
 Final Shut-In N/A Extra Recorder _____
 Sub Total 0
 Total 1813.90
 MP/DST Disc't _____
 Sub Total 1813.90

Approved By Jason T. Alm Our Representative Chuck Smith

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



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 19 2012
BY: _____

Test Ticket

NO. 46630

Well Name & No. Strecker #4-6 Test No. 2 Date 4-17-12
 Company American Warrior, Inc. Elevation 2140 KB 2134 GL
 Address POB 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 6 Twp. 19s Rge. 21w Co. Ness State Ks

Interval Tested 4250-4257 Zone Tested Mississippian
 Anchor Length 7 Drill Pipe Run 4133 Mud Wt. 9.2
 Top Packer Depth 4246 Drill Collars Run 119 Vis 61
 Bottom Packer Depth 4250 Wt. Pipe Run 0 WL 8.8
 Total Depth 4257 Chlorides 9700 ppm System LCM 0

Blow Description 2" Blow.
No return.
1 1/2" Blow.
Weak surface return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>60</u>	<u>5</u> %gas	<u>95</u> %oil	%water	%mud
Rec <u>59</u>	Feet of <u>OCM</u>	%gas	<u>20</u> %oil	%water	<u>80</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 69 BHT 114 Gravity 39 API RW - @ _____ °F Chlorides - ppm

(A) Initial Hydrostatic 2157 Test 1250' T-On Location 17:45
 (B) First Initial Flow 52 Jars 250' T-Started 8:10
 (C) First Final Flow 29 Safety Joint 75' T-Open 10:36
 (D) Initial Shut-In 1068 Circ Sub NIC T-Pulled 13:40
 (E) Second Initial Flow 32 Hourly Standby _____ T-Out 15:57
 (F) Second Final Flow 42 Mileage 138RT 213.90 Comments _____
 (G) Final Shut-In 996 Sampler _____
 (H) Final Hydrostatic 2155 Straddle _____

Initial Open 45 Shale Packer _____ Ruined Packer 320
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 320
 Final Shut-In 45 Day Standby _____ Total 2108.90
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1788.90

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

Geological Report

American Warrior, Inc.
Strecker #4-6
1687' FSL & 650' FWL
Sec. 6 T19s R21w
Ness County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Strecker #4-6
1687' FSL & 650' FWL
Sec. 6 T19s R21w
Ness County, Kansas
API # 15-135-25351-0000

Drilling Contractor: Petromark Drilling, LLc Rig #1

Geologist: Jason T Alm

Spud Date: April 10, 2012

Completion Date: April 18, 2012

Elevation: 2134' Ground Level
2140' Kelly Bushing

Directions: Bazine KS, West side of town at the intersection of
Hwy 96 and Austin St. South 2 mi. to 110 Rd. ¼
East, North and West into location.

Casing: 1393' 8 5/8" surface casing
4259' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3500' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Chuck Smith"

Problems: None

Remarks: During DST #1 the packers failed 11 minutes into
final flow, test was deemed a mis-run.

Formation Tops

	<p style="text-align: center; margin: 0;">American Warrior, Inc.</p> <p style="text-align: center; margin: 0;">Strecker #4-6</p> <p style="text-align: center; margin: 0;">Sec. 6 T19s R21w</p> <p style="text-align: center; margin: 0;">1687' FSL & 650' FWL</p>
Formation	
Anhydrite	1378', +762
Base	1412', +728
Heebner	3616', -1477
Lansing	3664', -1524
BKc	3989', -1849
Pawnee	4066', -1926
Fort Scott	4146', -2006
Cherokee	4165', -2025
Mississippian	4246', -2106
RTD	4260', -2120

Sample Zone Descriptions

Mississippian Osage (4246', -2106): Covered in DST #1

Dolo – Δ – Fine sucrosic crystalline with poor vuggy and inter-crystalline porosity, very heavy triptolic chert, weathered with fair to good vuggy porosity, light to fair oil stain in porosity, show of free oil, good odor, fair to good yellow fluorescents, 50 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Chuck Smith"

DST #1

Mississippian Osage

Interval (4193' – 4255') Anchor Length 62'

IHP	- 2115 #	
IFP	- 45" – Built to 1.5 in.	28-63 #
ISI	- 45" – Dead	1085 #
FFP	- 11" – Built to 2.5 in.	53-79 #
FHP	- 1982 #	
BHT	- 110°F	

Recovery: 189' Oil Spotted Mud
561' Mud

Packers failed 11 minutes into final flow. The test was pulled early due to packers failing and was deemed a mis-run.

DST #2

Mississippian Osage

Interval (4250' – 4257') Anchor Length 7'

IHP	- 2156 #	
IFP	- 45" – Built to 2 in.	52-29 #
ISI	- 45" – Dead	1068 #
FFP	- 45" – Built to 1.5 in.	32-42 #
FSI	- 45" – W.S.B.	996 #
FHP	- 2155 #	
BHT	- 114°F	

Recovery: 10' GCO
59' OCM 20% Oil

Structural Comparison

	American Warrior, Inc.	American Warrior, Inc.		American Warrior, Inc.	
	Strecker #4-6	Strecker #3-6		Strecker #2-6	
	Sec. 6 T19s R21w	Sec. 6 T19s R21w		Sec. 6 T19s R21w	
Formation	1687' FSL & 650' FWL	2500' FSL & 810' FWL		2310' FSL & 1500' FWL	
Anhydrite	1378', +762	1382', +760	(+2)	1406', +768	(-6)
Base	1412', +728	1416', +726	(+2)	1442', +732	(-4)
Heebner	3616', -1477	3617', -1475	(-2)	3645', -1471	(-6)
Lansing	3664', -1524	3664', -1522	(-2)	3692', -1517	(-7)
BKc	3989', -1849	3990', -1848	(-1)	4021', -1847	(-2)
Pawnee	4066', -1926	4073', -1931	(+5)	4101', -1927	(+1)
Fort Scott	4146', -2006	4150', -2008	(+2)	4180', -2006	FL
Cherokee	4165', -2025	4168', -2026	(+1)	4200', -2026	(+1)
Mississippian	4246', -2106	4251', -2109	(+3)	4277', -2103	(-3)

Summary

The location for the Strecker #4-6 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 been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Strecker #4-6 well.

Recommended Perforations

Mississippian Osage:	(4249' – 4257')	DST #2
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Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.



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

TICKET
 No **23020**

PAGE 1 OF 1

1. SERVICE LOCATIONS: **NUcity KS** WELL/PROJECT NO: **4-6** LEASE: **STROKER** COUNTY/PARISH: **AND** STATE: **KS** CITY: **Bazine** DATE: **12 APR 12** OWNER:
 2. TICKET TYPE: SERVICE SALES CONTRACTOR: **REPAIRER** RIG NAME NO.: **location** ORDER NO.:
 3. WELL TYPE: **oil** WELL CATEGORY: **Development** JOB PURPOSE: **Deep surface** WELL PERMIT NO.:
 4. REFERRAL LOCATION: **oil** INVOICE INSTRUCTIONS: **6-19 21W** WELL LOCATION:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	20	mi			6.00	120.00
576D					Pump Charge	100				12.50	1250.00
409					Turbolizer	88	in	40		100.00	400.00
401					Insert hoppers	85	in	1.00		250.00	250.00
330					SMD cement	425	sk			16.50	7012.50
276					Fluocle	100	lb			2.00	200.00
281					Mudflush	Subgal				1.25	625.00
288	281				KCL Dryud	2 gal				25.00	50.00
290					D-AIR	4 gal				37.00	148.00
581					Service charge	425	sk			2.00	850.00
583					Drayage	4229.5	lb			7.00	42292.25
410					Play	4229.5	lb			7.00	42292.25

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

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

DATE SIGNED: _____ TIME SIGNED: _____ A.M. P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: _____ APPROVAL: _____

SWIFT OPERATOR: _____

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

SURVEY: OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE? YES NO

TAX: _____ TOTAL: _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 2 APR 12 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 4-6 LEASE Straker JOB TYPE Cement deep surface TICKET NO. 23626

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								4254s SMD cement w/ 1/4" flocculants TD = 1343 33 joints 8 1/2" x 23" casing shut 22' insert 1370' Cement sizes "1, 4, 12, 25
	0000							on loc TRK 114
	0030							Start 8 1/2" x 23" casing in well
	0330							Circulate
	0345							Pump 500 gal mud flush Pump 20 bbl KCL flush
	0350	6 3/4	46				350	Mix SMD cement @ 11.8 spg <u>100 sks</u>
		6 3/4	58				320	Mix SMD cement @ 12.5 spg <u>100 sks</u>
		6 3/4	29				310	Mix SMD cement @ 13.8 spg <u>100 sks</u>
		6 3/4	21				350	Mix SMD cement @ 14.5 spg <u>75 sks</u>
	0415	6 3/4						Release Plug - Displace <u>425 sks total mixed</u>
		6 3/4	55				450	Displace cement to surface <u>70 sks</u>
	0430	6 3/4	87 1/2				600	Land plug <u>to pit</u>
								shut in casing
	0435							unload truck
								Rack up
	0520							job complete
								Thank Dag. DAVE & BILLY



Services, Inc.

CHARGE TO: **AMERICAN WATER TAC**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET
 No. **21082**

PAGE 1 OF 2

SEWER LOCATIONS Ness City, KS	WELL/PROJECT NO. 4-6	LEASE	COUNTY/PARISH Ness	STATE KS	CITY	DATE 4-18-12	OWNER same
	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR Petromax Drilling #1	RIG NAME/NO.	SHIPPED VA <input type="checkbox"/> CT <input checked="" type="checkbox"/>	DELIVERED TO LOCATION	ORDER NO.	
	WELL TYPE Oil	WELL CATEGORY Development	JOB PURPOSE 5 1/2" LONGSTRONG	WELL PERMIT NO.	WELL LOCATION Barzile, KS - 1s, 1/2 E, 222nd		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 114	20	mi			6.00	120.00
578		1			Pump Charge	1.000		4260	ft	1500.00	1500.00
221		1			TRAVEL VCL	2	gal			25.00	50.00
281		1			MUDFLOSH	500	gal			1.25	625.00
402		1			CENTRALIZERS	5	EA	5 1/2"		70.00	350.00
403		1			CEMENT BASSETS	1	EA			250.00	250.00
406		1			LATCH DOWN PIVOT - Baffle	1	EA			250.00	250.00
407		1			INSIDE FLOOT SHOE w/ AUTO FILL	1	EA			350.00	350.00
419		1			ROTATING HEAD ASYAL	1	JOB			200.00	200.00

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

X DATE SIGNED: **4-18-12** TIME SIGNED: **9:30** BY: **AM**

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

<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND		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?		AGREE <input type="checkbox"/> YES <input type="checkbox"/> NO	UN-DECIDED <input type="checkbox"/>	DIS-AGREE <input type="checkbox"/>	PAGE TOTAL #1 3695.00	TAX #2 4561.25	TOTAL
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SWIFT OPERATOR: **WANE WATSON** APPROVAL: _____

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 4-18-12 PAGE NO. 7

CUSTOMER American Warden Inc. WELL NO. 4-6 LEASE STRECKER JOB TYPE 5/2" LONGSTRING TICKET NO. 21682

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/HR)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							ON LOCATION
	0430							START 5/2" CASING IN WELL
								TD-4260 SET= 4259
								TP-4262 5/2" IS, S
								ST-39'
								CENTRALIZERS- 1, 2, 3, 4, 80
								CMT BSWS- 5
	0635							DROP BALL - CIRCULATE ROTATE
	0705	6	12		✓		400	PUMP 500 GAL MUD FLUSH "
	0707	6	20		✓		400	PUMP 20 BBLS KEL-FLUSH "
	0712		7					PLUG RH (30 SKS)
	0715	4 1/2	35		✓		250	MAX COMWT - 145 SKS EA-2 @ 15.4 PPG "
	0723							WASH OUT DUMP - LINES
	0723							RELEASE CATCH DOWN PLUG
	0725	7	0		✓			DISPLACE PLUG "
	0740	6	100.5				1500	PLUG DOWN - PSI UP LATCH IN PLUG
	0742						OK	RELEASE PSI-HELD
								WASH TRUCK
	0830							JOB COMPLETE

THANK YOU
WAKE, DAVE K., ~~XXXX~~