

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846-0399

ATTN: Jason Alm

26 10S 21W Graham-KS

NW SW SW NW

Brown #1-26

15-065-23415 00-00

Start Date: 2008.03.01 @ 16:32:00

End Date: 2008.03.02 @ 00:04:50

Job Ticket #: 31593 DST #: 1

**RECEIVED
KANSAS CORPORATION COMMISSION**

AUG 18 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

American Warrior Inc

Brown #1-26

26 10S 21W Graham-KS

DST # 1

Lansing, Kansas City

2008.03.01



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham-KS
Job Ticket: 31593 **DST#: 1**
Test Start: 2008.03.01 @ 16:32:00

GENERAL INFORMATION:

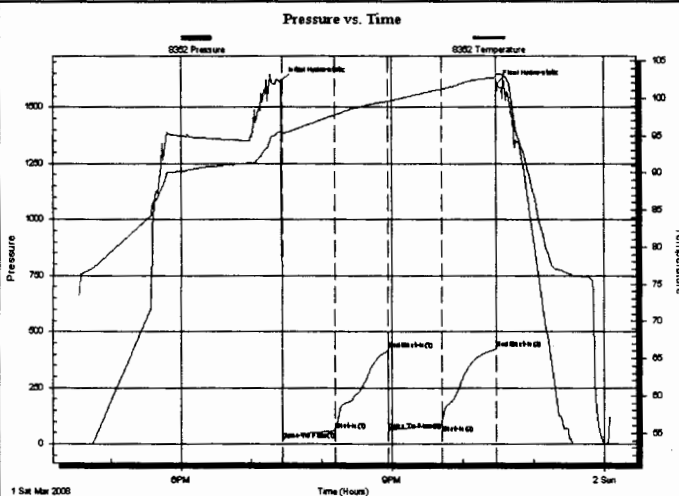
Formation: **Lansing, Kansas City**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:26:20
Time Test Ended: 00:04:50
Interval: **3386.00 ft (KB) To 3460.00 ft (KB) (TVD)**
Total Depth: **3460.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole**
Tester: **Jake Fahrenbruch**
Unit No: **43**
Reference Elevations: **2131.00 ft (KB)**
2123.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8352

Inside

Press@RunDepth: **85.93 psig @ 3387.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2008.03.01** End Date: **2008.03.02** Last Calib.: **2008.03.02**
Start Time: **16:32:02** End Time: **00:04:49** Time On Btm: **2008.03.01 @ 19:25:50**
Time Off Btm: **2008.03.01 @ 22:28:50**

TEST COMMENT: IF Fair blow built to BOB in 22 min
ISI Bled off no blow back
FF Weak blow built to 6" in bucket.
FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1615.31	95.53	Initial Hydro-static
1	18.56	94.99	Open To Flow (1)
46	58.86	97.73	Shut-In(1)
91	419.42	99.60	End Shut-in(1)
92	60.62	99.63	Open To Flow (2)
137	85.93	101.19	Shut-In(2)
183	422.50	102.75	End Shut-in(2)
184	1602.42	103.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WM 30%W 70%M	0.57
60.00	OSWM 1%O 30%W 69%M	0.84
30.00	SOCM 6%O 92%M	0.42
0.00	95,000 ppm Chl	0.00
0.00	less than 30' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
 PO Box 399
 Garden City KS 67846-0399
 ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham-KS
 Job Ticket: 31593 **DST#: 1**
 Test Start: 2008.03.01 @ 16:32:00

Tool Information

Drill Pipe:	Length: 3362.00 ft	Diameter: 3.80 inches	Volume: 47.16 bbl	Tool Weight: 3000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 47.31 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3386.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3371.00	
Hydraulic tool	5.00			3376.00	
Packer	5.00			3381.00	20.00 Bottom Of Top Packer
Packer	5.00			3386.00	
Stubb	1.00			3387.00	
Recorder	0.00	6799	Inside	3387.00	
Recorder	0.00	8352	Inside	3387.00	
Perforations	5.00			3392.00	
Blank Spacing	65.00			3457.00	
Bullnose	3.00			3460.00	74.00 Bottom Packers & Anchor
Total Tool Length:	94.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham-KS
Job Ticket: 31593 **DST#: 1**
Test Start: 2008.03.01 @ 16:32:00

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3600.00 ppm			
Filter Cake: inches			

Recovery Information

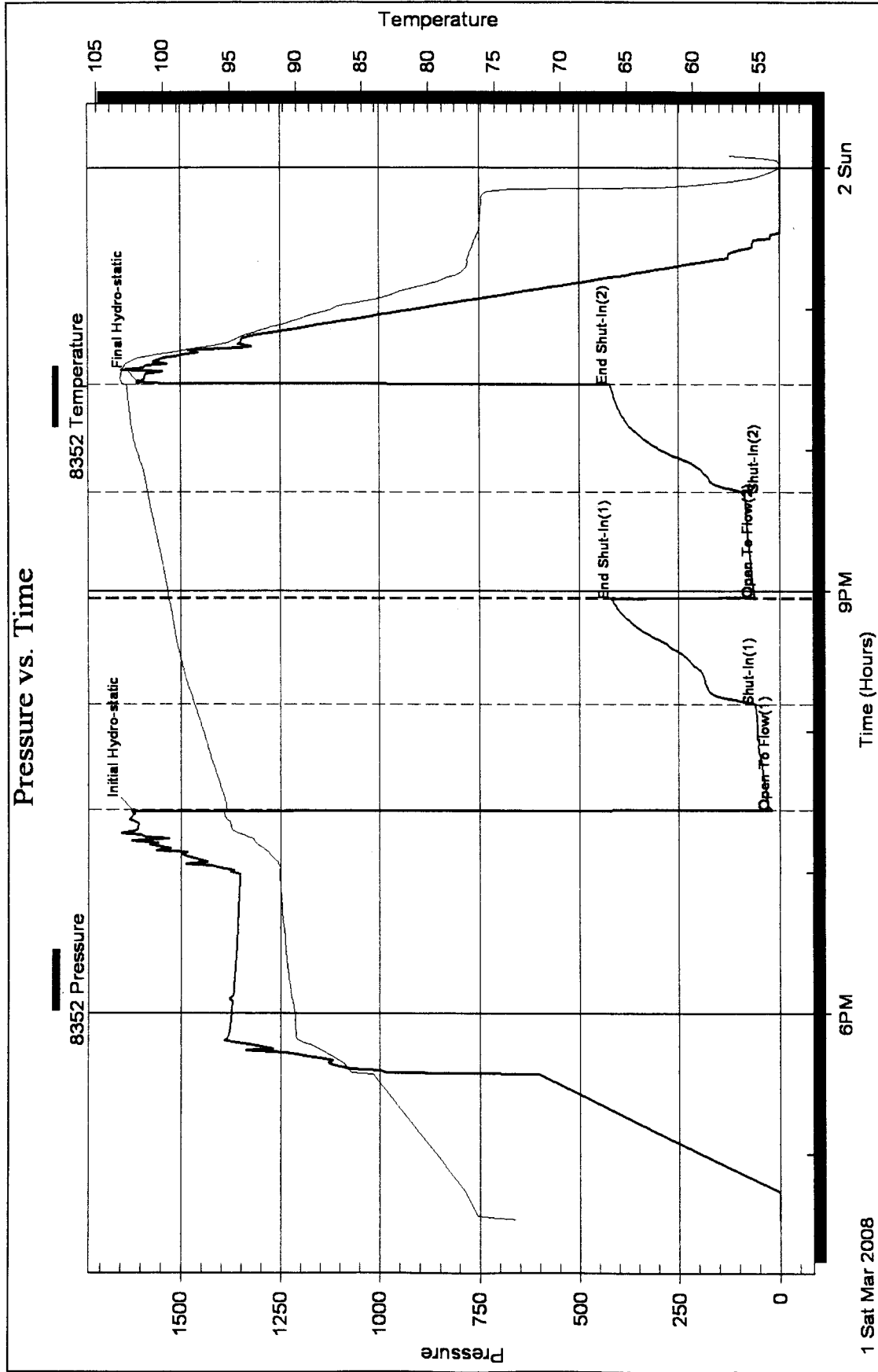
Recovery Table

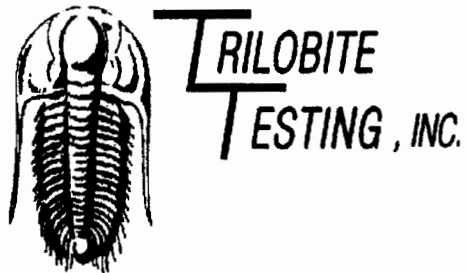
Length ft	Description	Volume bbl
60.00	WM 30%W 70%M	0.568
60.00	OSWM 1%O 30%W 69%M	0.842
30.00	SOCM 6%O 92%M	0.421
0.00	95,000 ppm Chl	0.000
0.00	less than 30' GIP	0.000

Total Length: 150.00 ft Total Volume: 1.831 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846-0399

ATTN: Jason Alm

26 10S 21W Graham KS

Brown #1-26

Start Date: 2008.03.02 @ 13:13:00

End Date: 2008.03.02 @ 19:35:50

Job Ticket #: 31594 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

American Warrior Inc

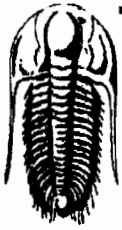
Brown #1-26

26 10S 21W Graham KS

DST # 2

Lansing, Kansas City

2008.03.02



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

American Warrior Inc
 PO Box 399
 Garden City KS 67846-0399
 ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham KS
 Job Ticket: 31594 **DST#: 2**
 Test Start: 2008.03.02 @ 13:13:00

GENERAL INFORMATION:

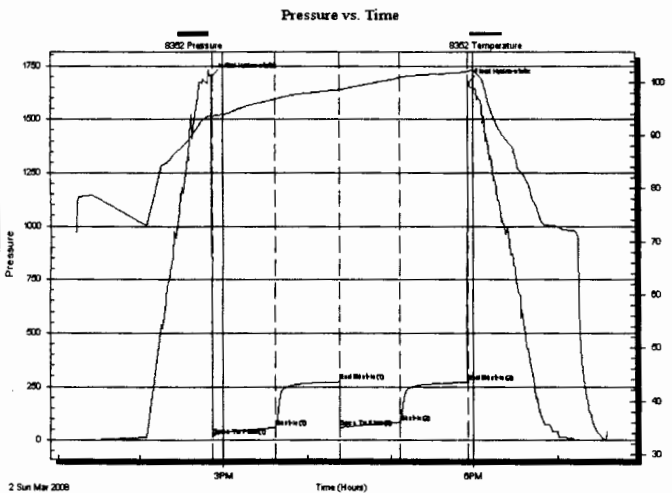
Formation: **Lansing, Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:52:10
 Time Test Ended: 19:35:50
 Interval: **3520.00 ft (KB) To 3600.00 ft (KB) (TVD)**
 Total Depth: 3600.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jake Fahrenbruch
 Unit No: 43
 Reference Elevations: 2131.00 ft (KB)
 2123.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8352

Inside

Press@RunDepth: 84.22 psig @ 3521.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.03.02 End Date: 2008.03.02 Last Calib.: 2008.03.02
 Start Time: 13:13:02 End Time: 19:35:49 Time On Btm: 2008.03.02 @ 14:51:50
 Time Off Btm: 2008.03.02 @ 17:56:50

TEST COMMENT: IF Fair blow built to BOB in 34 min
 ISI Bled off very weak surface blow back died off
 FF Fair blow built to BOB in 42 min.
 FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1699.08	93.85	Initial Hydro-static
1	19.60	93.35	Open To Flow (1)
45	59.62	96.86	Shut-In(1)
91	272.66	98.61	End Shut-In(1)
92	60.62	98.62	Open To Flow (2)
136	84.22	100.92	Shut-In(2)
184	269.15	101.91	End Shut-In(2)
185	1671.78	102.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	GOCM 10% 15%O 75%M	0.85
80.00	Clean Oil 100%O	1.12
0.00	90' GIP 34.5 corrected gravity	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
 PO Box 399
 Garden City KS 67846-0399
 ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham KS
 Job Ticket: 31594 **DST#: 2**
 Test Start: 2008.03.02 @ 13:13:00

Tool Information

Drill Pipe:	Length: 3485.00 ft	Diameter: 3.80 inches	Volume: 48.89 bbl	Tool Weight: 3000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
		<u>Total Volume:</u>	<u>49.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3520.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3505.00	
Hydraulic tool	5.00			3510.00	
Packer	5.00			3515.00	20.00 Bottom Of Top Packer
Packer	5.00			3520.00	
Stubb	1.00			3521.00	
Recorder	0.00	6799	Inside	3521.00	
Recorder	0.00	8352	Inside	3521.00	
Perforations	11.00			3532.00	
Blank Spacing	65.00			3597.00	
Bullnose	3.00			3600.00	80.00 Bottom Packers & Anchor
Total Tool Length:	100.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Brown #1-26

PO Box 399
Garden City KS 67846-0399

26 10S 21W Graham KS

Job Ticket: 31594 **DST#: 2**

ATTN: Jason Alm

Test Start: 2008.03.02 @ 13:13:00

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:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	GOCM 10% 15%O 75%M	0.849
80.00	Clean Oil 100%O	1.122
0.00	90' GIP 34.5 corrected gravity	0.000

Total Length: 160.00 ft

Total Volume: 1.971 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

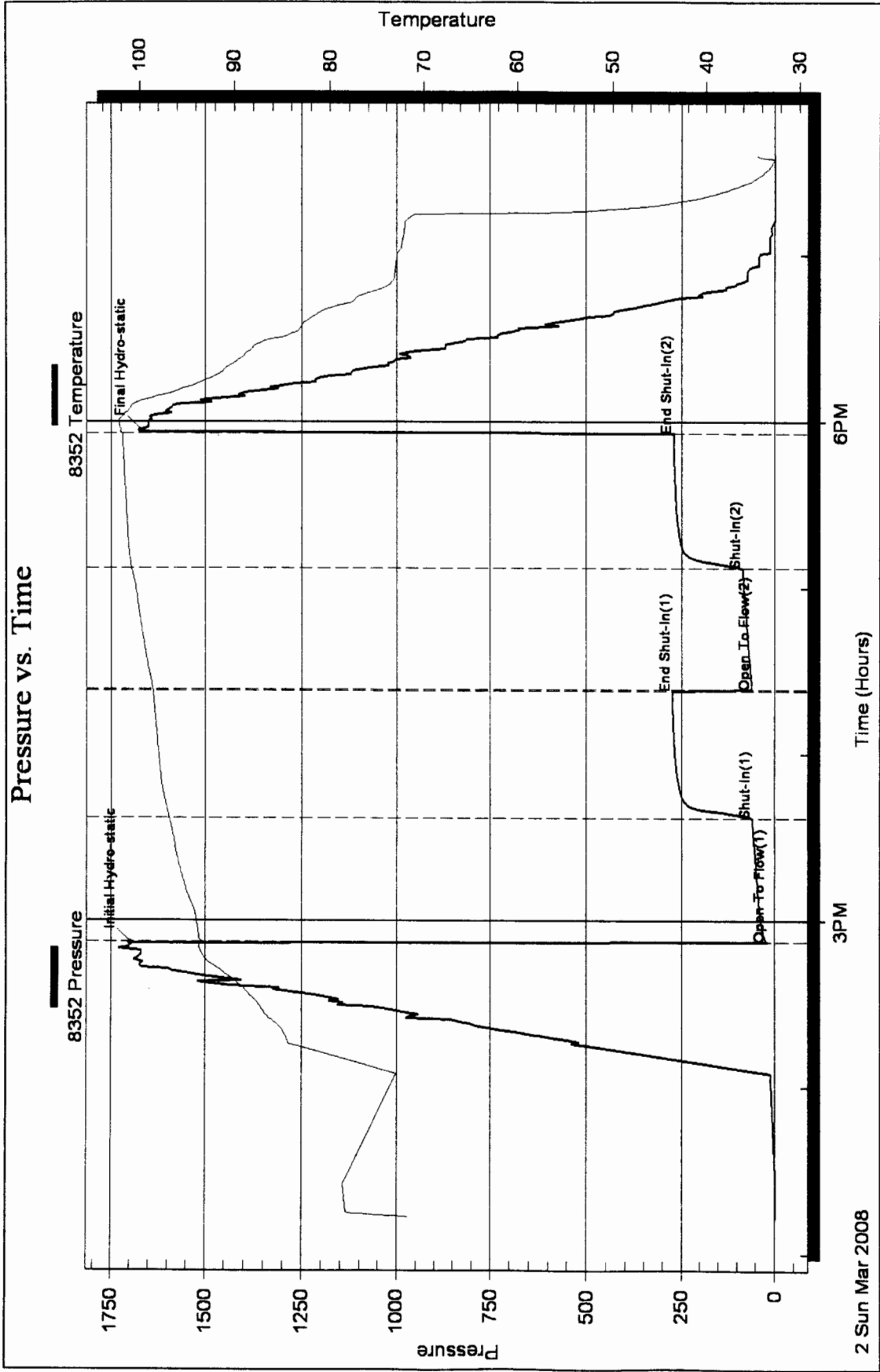
Serial #: 8352

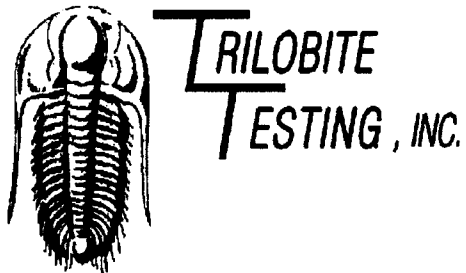
Inside

American Warrior Inc

26 10S 21W Graham KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846-0399

ATTN: Jason Alm

26 10S 21W Graham KS

Brown #1-26

Start Date: 2008.03.03 @ 06:45:00

End Date: 2008.03.03 @ 12:59:00

Job Ticket #: 31595 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham KS
Job Ticket: 31595 **DST#: 3**
Test Start: 2008.03.03 @ 06:45:00

GENERAL INFORMATION:

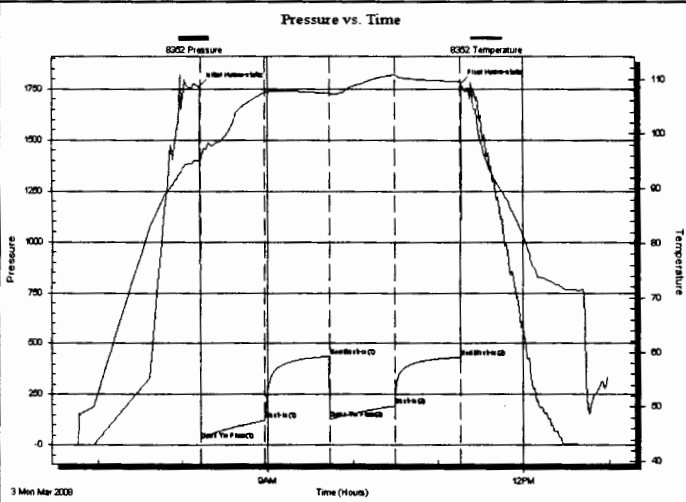
Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:13:20
Time Test Ended: 12:59:00
Interval: **3660.00 ft (KB) To 3710.00 ft (KB) (TVD)**
Total Depth: 3710.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 2131.00 ft (KB)
2123.00 ft (CF)
KB to GR/CF: 8.00 ft
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43

Serial #: 8352

Inside

Press@RunDepth: 193.90 psig @ 3661.00 ft (KB)
Start Date: 2008.03.03 End Date: 2008.03.03
Start Time: 06:45:02 End Time: 12:59:00
Capacity: 7000.00 psig
Last Calib.: 2008.03.03
Time On Btm: 2008.03.03 @ 08:12:40
Time Off Btm: 2008.03.03 @ 11:16:20

TEST COMMENT: IF Fairly strong blow BOB 15 min 30 sec.
ISI Bled off no blow back
FF Fairly strong blow BOB 27 min
FSI Bled off no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.48	95.13	Initial Hydro-static
1	26.60	95.02	Open To Flow (1)
46	122.77	107.57	Shut-In(1)
91	436.61	107.41	End Shut-In(1)
91	127.41	107.36	Open To Flow (2)
136	193.90	110.83	Shut-In(2)
183	432.43	109.58	End Shut-In(2)
184	1775.45	108.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
188.00	100%W (27000 ppm chl)	2.36
60.00	MV 20%M 80%W	0.84
60.00	SOCWM 4%O 31%W 65%M	0.84
90.00	SOCWCM 5%O 15%W 80%M	1.26
5.00	Clean Oil 100%O	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc
PO Box 399
Garden City KS 67846-0399
ATTN: Jason Alm

Brown #1-26
26 10S 21W Graham KS
Job Ticket: 31595 **DST#: 3**
Test Start: 2008.03.03 @ 06:45:00

Tool Information

Drill Pipe:	Length: 3643.00 ft	Diameter: 3.80 inches	Volume: 51.10 bbl	Tool Weight: 3000.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 51.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3660.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3645.00	
Hydraulic tool	5.00			3650.00	
Packer	5.00			3655.00	20.00 Bottom Of Top Packer
Packer	5.00			3660.00	
Stubb	1.00			3661.00	
Recorder	0.00	8352	Inside	3661.00	
Recorder	0.00	6799	Inside	3661.00	
Perforations	13.00			3674.00	
Blank Spacing	33.00			3707.00	
Bullnose	3.00			3710.00	50.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Brown #1-26

PO Box 399
Garden City KS 67846-0399

26 10S 21W Graham KS

Job Ticket: 31595

DST#: 3

ATTN: Jason Alm

Test Start: 2008.03.03 @ 06:45:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
188.00	100%W (27000 ppm chl)	2.364
60.00	MW 20%M 80%W	0.842
60.00	SOCWM 4%O 31%W 65%M	0.842
90.00	SOCWCM 5%O 15%W 80%M	1.262
5.00	Clean Oil 100%O	0.070

Total Length: 403.00 ft

Total Volume: 5.380 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

