

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

P.O. Box 399
Garden City, KS 67846

ATTN: Marc Downing

14 25 21 Ford, KS

OFFERLE 1-14

Start Date: 2008.08.09 @ 11:36:00

End Date: 2008.08.09 @ 18:52:30

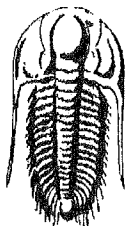
Job Ticket #: 32081 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 27 2008

CONSERVATION DIVISION
WICHITA, KS

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.

P.O. Box 399
Garden City, KS 67846

ATTN: Marc Downing

OFFERLE 1-14

14 25 21 Ford, KS

Job Ticket: 32081

DST#: 1

Test Start: 2008.08.09 @ 11:36:00

GENERAL INFORMATION:

Formation: **Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:24:10

Time Test Ended: 18:52:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4108.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Total Depth: 4140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2320.00 ft (KB)

2310.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352 Inside

Press@RunDepth: 172.02 psig @ 4109.00 ft (KB)

Start Date: 2008.08.09

End Date: 2008.08.09

Start Time: 11:36:02

End Time: 18:52:30

Capacity: 7000.00 psig

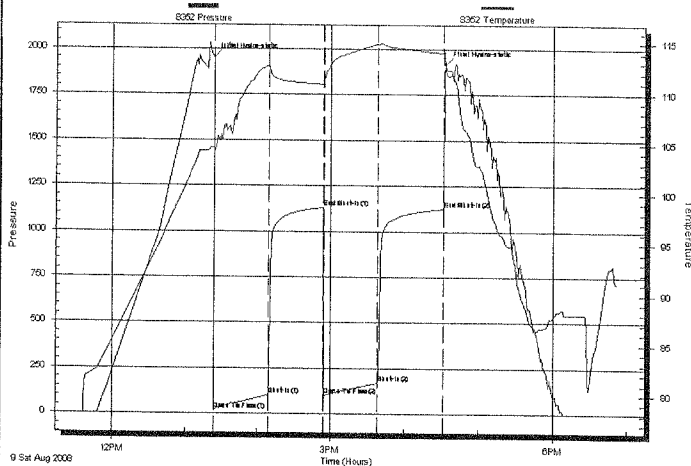
Last Calib.: 2008.08.09

Time On Btm: 2008.08.09 @ 13:23:50

Time Off Btm: 2008.08.09 @ 16:33:20

TEST COMMENT: IF Fair blow built to BOB in 35 minutes
ISI Bled off no blow back
FF Fair blow built to BOB in 43 minutes
FSI Bled off no blow back

Pressure vs. Time



PRESSURE SUMMARY

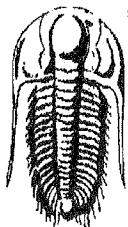
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1954.74	104.62	Initial Hydro-static
1	19.88	104.15	Open To Flow(1)
46	102.21	112.83	Shut-In(1)
91	1131.19	110.94	End Shut-In(1)
91	101.39	111.26	Open To Flow(2)
136	172.02	114.95	Shut-In(2)
189	1123.73	114.06	End Shut-In(2)
190	1915.95	112.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
245.00	Salt Water 100%W	3.44
30.00	MW 50%w 50%W	0.42
40.00	SWCM 10%W 90%M	0.56
0.00	No GIP, water = 40,000 ppm chl	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

OFFERLE 1-14

P.O. Box 399
Garden City, KS 67846

14 25 21Ford, KS

Job Ticket: 32081

DST#: 1

ATTN: Marc Downing

Test Start: 2008.08.09 @ 11:36:00

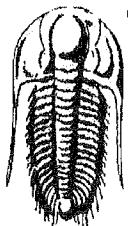
Tool Information

Drill Pipe:	Length: 4100.00 ft	Diameter: 3.80 inches	Volume: 57.51 bbl	Tool Weight:	2900.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb	
			Total Volume:	57.51 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	55000.00 lb	
Depth to Top Packer:	4108.00 ft			Final	60000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	32.00 ft					
Tool Length:	60.00 ft					
Number of Packers:	2	Diameter:	6.75 inches			
Tool Comments:						

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4085.00	
Hydraulic tool	5.00			4090.00	
Jars	5.00			4095.00	
Safety Joint	3.00			4098.00	
Packer	5.00			4103.00	28.00 Bottom Of Top Packer
Packer	5.00			4108.00	
Stubb	1.00			4109.00	
Recorder	0.00	8352	Inside	4109.00	
Recorder	0.00	6799	Inside	4109.00	
Perforations	28.00			4137.00	
Bullnose	3.00			4140.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



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FLUID SUMMARY

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OFFERLE 1-14

P.O. Box 399
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14 25 21 Ford, KS

Job Ticket: 32081

DST#: 1

ATTN: Marc Downing

Test Start: 2008.08.09 @ 11:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 11.17 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	Salt Water 100%W	3.437
30.00	MW 50% _m 50%W	0.421
40.00	SWCM 10%W 90%M	0.561
0.00	No GIP; water = 40,000 ppm chl	0.000

Total Length: 315.00 ft

Total Volume: 4.419 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

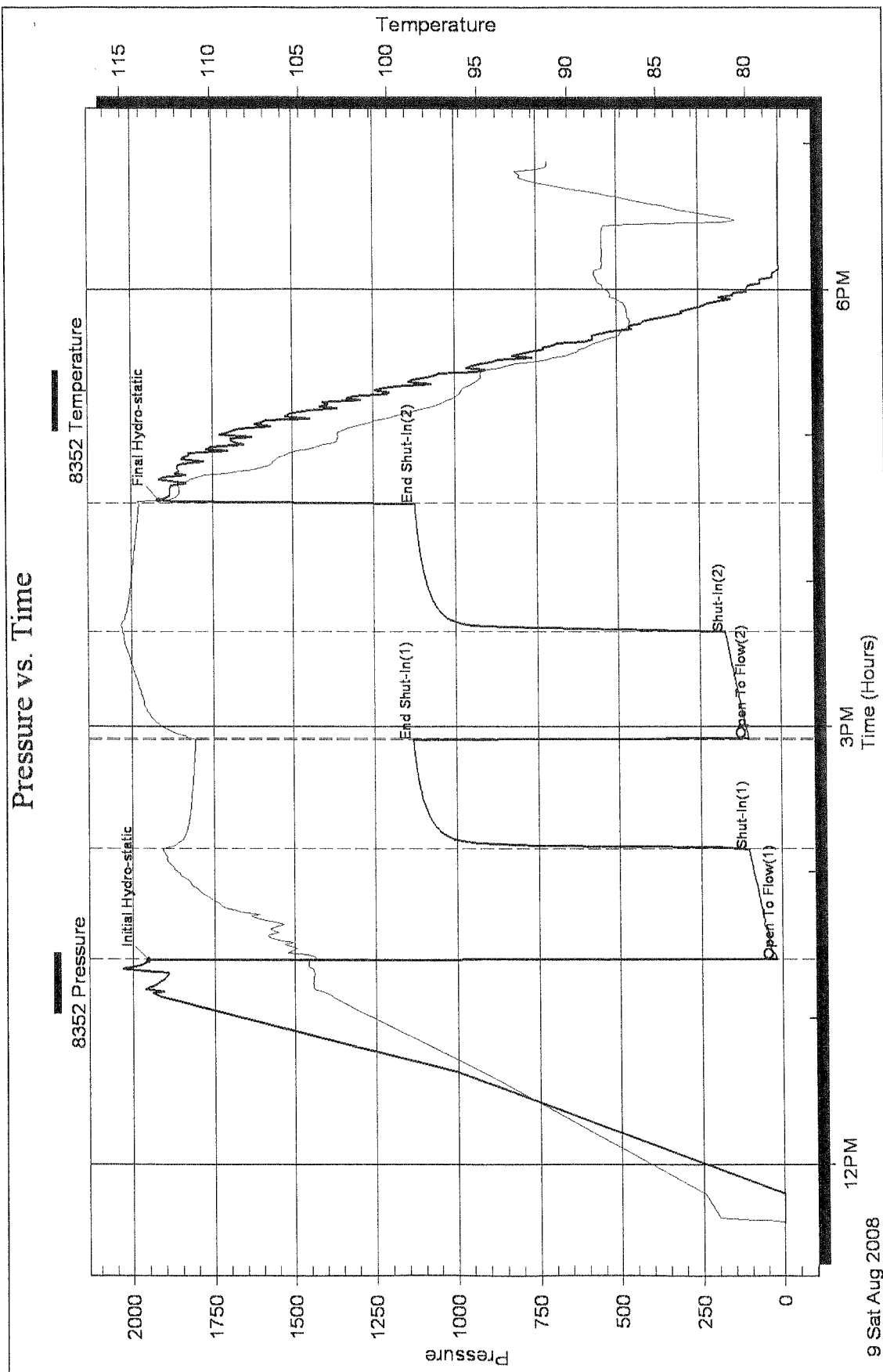
Serial #:

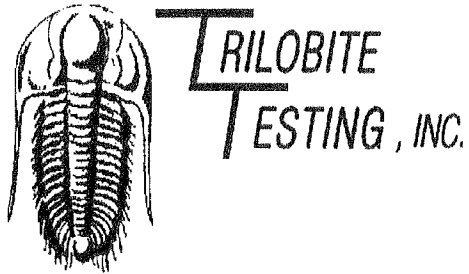
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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OFFERLE 1-14

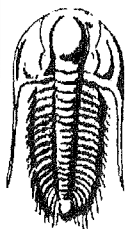
Start Date: 2008.08.10 @ 03:05:00

End Date: 2008.08.10 @ 10:46:00

Job Ticket #: 32082 DST #: 2

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CONSERVATION DIVISION
WICHITA, KS

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DRILL STEM TEST REPORT

American Warrior, Inc.

P.O. Box 399
Garden City, KS 67846

ATTN: Marc Downing

OFFERLE 1-14

14 25 21Ford, KS

Job Ticket: 32083

DST#: 3

Test Start: 2008.08.12 @ 05:45:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:38:20

Time Test Ended: 12:27:50

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: 4664.00 ft (KB) To 4718.00 ft (KB) (TVD)

Total Depth: 4718.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2320.00 ft (KB)

2310.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352 Inside

Press@RunDepth: 21.33 psig @ 4665.00 ft (KB)

Start Date: 2008.08.12 End Date: 2008.08.12

Start Time: 05:45:02 End Time: 12:27:49

Capacity: 7000.00 psig

Last Calib.: 2008.08.12

Time On Btm: 2008.08.12 @ 08:38:10

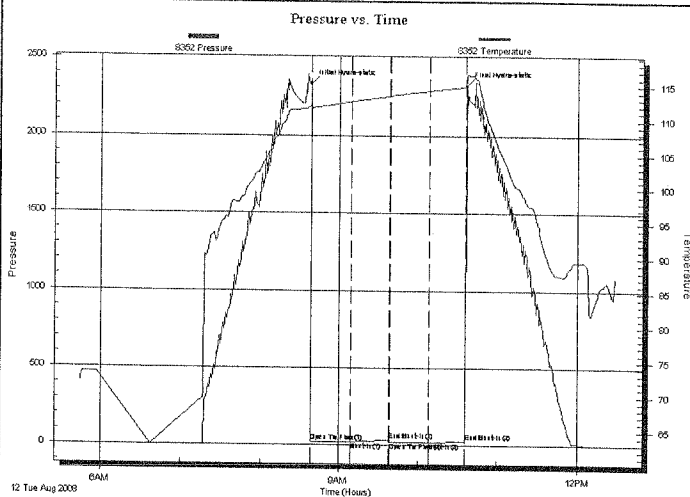
Time Off Btm: 2008.08.12 @ 10:37:10

TEST COMMENT: IF Very weak .25" blow died after 20 minutes

ISI No blow

FF No blow

FSI No blow



PRESSURE SUMMARY

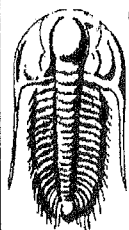
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2334.85	112.02	Initial Hydro-static
1	19.87	111.28	Open To Flow (1)
31	22.12	112.66	Shut-In(1)
61	33.75	113.46	End Shut-In(1)
61	20.90	113.47	Open To Flow (2)
91	21.33	114.28	Shut-In(2)
118	25.96	114.85	End Shut-In(2)
119	2326.93	116.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud 100%M	0.07

Gas Rates

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

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Job Ticket: 32083

DST#: 3

ATTN: Marc Downing

Test Start: 2008.08.12 @ 05:45:00

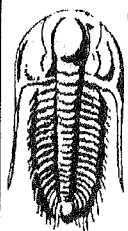
Tool Information

Drill Pipe:	Length: 4660.00 ft	Diameter: 3.80 inches	Volume: 65.37 bbl	Tool Weight:	3200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	88000.00 lb
			<u>Total Volume: 65.37 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4664.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	82.00 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			4641.00	
Hydraulic tool	5.00			4646.00	
Jars	5.00			4651.00	
Safety Joint	3.00			4654.00	
Packer	5.00			4659.00	28.00 Bottom Of Top Packer
Packer	5.00			4664.00	
Stubb	1.00			4665.00	
Recorder	0.00	8352	Inside	4665.00	
Recorder	0.00	6799	Inside	4665.00	
Perforations	17.00			4682.00	
Blank Spacing	33.00			4715.00	
Bullnose	3.00			4718.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



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Job Ticket: 32083

DST#: 3

ATTN: Marc Downing

Test Start: 2008.08.12 @ 05:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 14.19 in³

Resistivity: ohm.m

Salinity: 6500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud 100%M	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

