



DRILL STEM TEST REPORT

Prepared For: **American Warrior INC.**

P.O. Box 399
Garden City KS 67846

ATTN: Jim Diltz

2 34s 6w Harper KS

Wolf 1-2

Start Date: 2008.12.12 @ 06:56:58

End Date: 2008.12.12 @ 17:05:28

Job Ticket #: 25824 DST #: 1

KANSAS CORPORATION COMMISSION

FEB 27 2009
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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: Jim Diltz

Wolf 1-2

2 3/4s 6w Harper KS

Job Ticket: 25824

DST#: 1

Test Start: 2008.12.12 @ 06:56:58

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:04:28

Time Test Ended: 17:05:28

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 31

Interval: **4515.00 ft (KB) To 4524.00 ft (KB) (TVD)**

Total Depth: 4524.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1294.00 ft (KB)

1284.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8358 Inside

Press@RunDepth: 67.54 psig @ 4515.00 ft (KB)

Start Date: 2008.12.12

End Date: 2008.12.12

Start Time: 06:57:03

End Time: 17:05:28

Capacity: 7000.00 psig

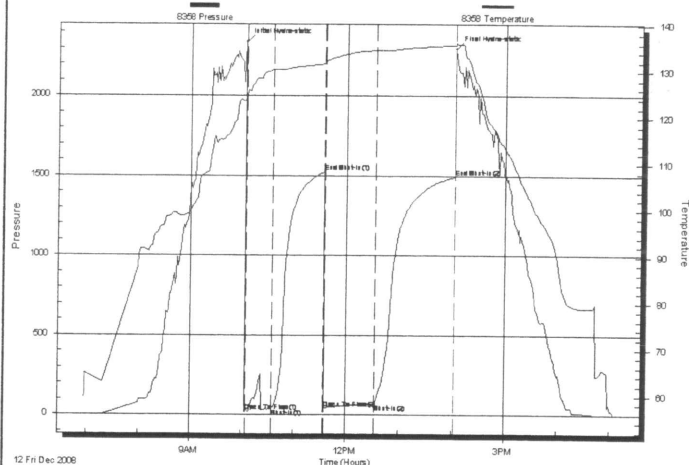
Last Calib.: 2008.12.12

Time On Btm: 2008.12.12 @ 10:04:13

Time Off Btm: 2008.12.12 @ 14:02:58

TEST COMMENT: I.F. Weak Blow Built To 3 1/2 In 30 Min
I.S.I. Bled Off 5 Min No Blow
F.F. Weak Blow Built To 4" In 60 Min
F.S.I. Bled Off 5 Min No Blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2336.65	124.09	Initial Hydro-static
1	17.70	123.93	Open To Flow (1)
31	38.89	130.45	Shut-In(1)
91	1525.37	131.70	End Shut-In(1)
91	40.97	132.13	Open To Flow(2)
149	67.54	134.66	Shut-In(2)
239	1494.29	135.75	End Shut-In(2)
239	2294.70	136.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM 6%O 94%M	0.11
60.00	SOGCM 4%G 5%O 10%W 81%M	0.44

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.

Wolf 1-2

P.O. Box 399
Garden City KS 67846

2 34s 6w Harper KS

Job Ticket: 25824

DST#: 1

ATTN: Jim Diltz

Test Start: 2008.12.12 @ 06:56:58

Tool Information

Drill Pipe:	Length: 4337.00 ft	Diameter: 3.88 inches	Volume: 63.43 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 151.00 ft	Diameter: 2.75 inches	Volume: 1.11 bbl	Weight to Pull Loose:	lb
		Total Volume:	64.54 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4515.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	37.00 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			4492.00	
Hydraulic tool	5.00			4497.00	
Jars	5.00			4502.00	
Safety Joint	3.00			4505.00	
Packer	5.00			4510.00	28.00 Bottom Of Top Packer
Packer	5.00			4515.00	
Recorder	0.00	8358	Inside	4515.00	
Recorder	0.00	8322		4515.00	
Stubb	1.00			4516.00	
Perforations	5.00			4521.00	
Bullnose	3.00			4524.00	9.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior INC.

Wolf 1-2

P.O. Box 399
Garden City KS 67846

2 34s 6w Harper KS

Job Ticket: 25824

DST#: 1

ATTN: Jim Diltz

Test Start: 2008.12.12 @ 06:56:58

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	SOCM 6%O 94%M	0.110
60.00	SOGCM 4%G 5%O 10%W 81%M	0.441

Total Length: 75.00 ft

Total Volume: 0.551 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

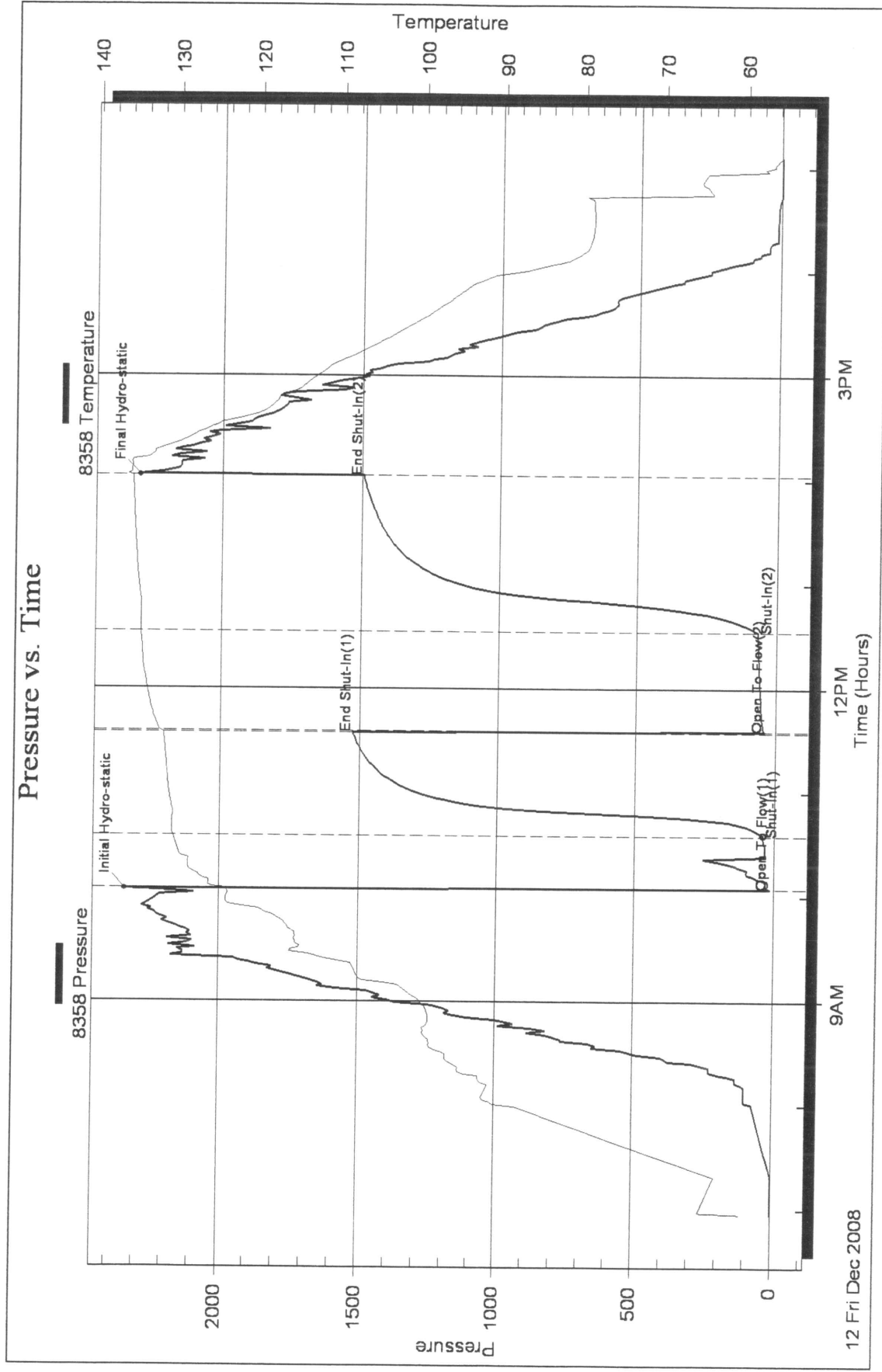
Recovery Comments:

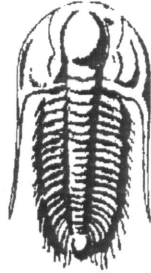
Serial #: 8358

Inside American Warrior INC.

2 34s 6w Harper KS

DST Test Number: 1





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TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior INC.**

P.O. Box 399
Garden City KS 67846

ATTN: Jim Diltz

2 34s 6w Harper KS

Wolf 1-2

Start Date: 2008.12.14 @ 10:50:00

End Date: 2008.12.14 @ 22:40:10

Job Ticket #: 35028

DST #: 2

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

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DRILL STEM TEST REPORT

American Warrior INC.

P.O. Box 399
Garden City KS 67846

ATTN: Jim Diltz

Wolf 1-2

2 34s 6w Harper KS

Job Ticket: 35028

DST#: 2

Test Start: 2008.12.14 @ 10:50:00

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:39:30

Time Test Ended: 22:40:10

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4935.00 ft (KB) To 4947.00 ft (KB) (TVD)**

Total Depth: 4947.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1294.00 ft (KB)

1284.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 1115.63 psig @ 4936.00 ft (KB)

Start Date: 2008.12.14

End Date: 2008.12.14

Start Time: 10:50:02

End Time: 22:40:10

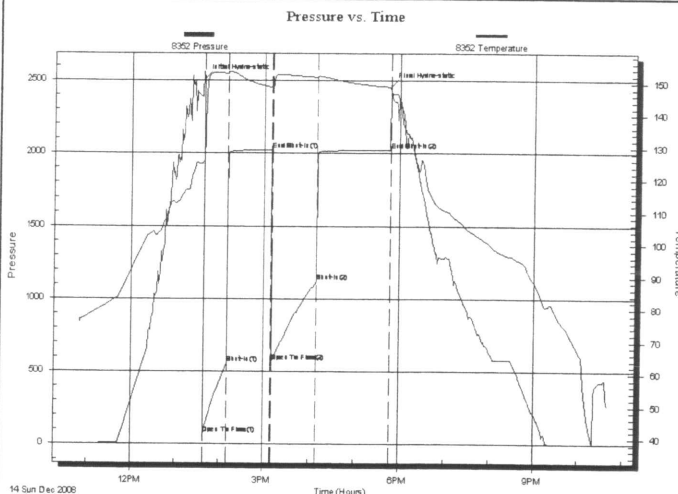
Capacity: 7000.00 psig

Last Calib.: 2008.12.14

Time On Btm: 2008.12.14 @ 13:39:10

Time Off Btm: 2008.12.14 @ 17:47:50

TEST COMMENT: IF: Strong blow, built to BOB in 4 minutes. No GTS.
IS: Bled off, blow back built to 1.5" in bucket.
FF: Strong blow, built to BOB in 4.5 minutes. No GTS.
FS: Bled off, blow back built to 3" in buc



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2514.54	125.87	Initial Hydro-static
1	69.17	124.95	Open To Flow (1)
32	556.99	152.98	Shut-In(1)
91	2022.38	148.65	End Shut-In(1)
92	566.56	147.94	Open To Flow (2)
151	1115.63	151.79	Shut-In(2)
248	2022.39	148.80	End Shut-In(2)
249	2463.20	147.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1810.00	Salt Water 100%w	23.98
120.00	HMCW 30%w 70%w	1.68
120.00	WM 40%w 60%w	1.68
60.00	WCM 10%w 90%w	0.84
0.00	315' GIP	0.00
0.00	RW=1.05ohm@58degF=90,000ppmCHL	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior INC.

Wolf 1-2

P.O. Box 399
Garden City KS 67846

2 34s 6w Harper KS

Job Ticket: 35028

DST#: 2

ATTN: Jim Diltz

Test Start: 2008.12.14 @ 10:50:00

Tool Information

Drill Pipe:	Length: 4768.00 ft	Diameter: 3.80 inches	Volume: 66.88 bbl	Tool Weight:	2200.00 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: 155.00 ft	Diameter: 2.25 inches	Volume: 0.76 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	67.64 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4935.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	40.00 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			4912.00	
Hydraulic tool	5.00			4917.00	
Jars	5.00			4922.00	
Safety Joint	3.00			4925.00	
Packer	5.00			4930.00	28.00 Bottom Of Top Packer
Packer	5.00			4935.00	
Stubb	1.00			4936.00	
Recorder	0.00	8352	Inside	4936.00	
Recorder	0.00	6799	Inside	4936.00	
Perforations	8.00			4944.00	
Bullnose	3.00			4947.00	12.00 Bottom Packers & Anchor
Total Tool Length:		40.00			



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Job Ticket: 35028

DST#: 2

ATTN: Jim Diltz

Test Start: 2008.12.14 @ 10:50:00

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:

90000 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1810.00	Salt Water 100%w	23.978
120.00	HMCW 30%w 70%w	1.683
120.00	WM 40%w 60%w	1.683
60.00	WCM 10%w 90%w	0.842
0.00	315' GIP	0.000
0.00	RW=.105ohm@58degF=90,000ppmCHL	0.000

Total Length: 2110.00 ft

Total Volume: 28.186 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

