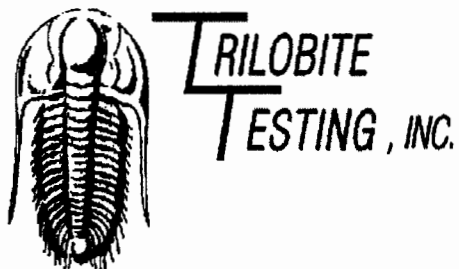


KCC WICHITA
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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

30-33s-19w Commanche

Baker #1-30

Start Date: 2004.12.12 @ 01:32:26

End Date: 2004.12.12 @ 10:08:25

Job Ticket #: 21183 DST #: 1

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

American Warrior Inc

Baker #1-30

30-33s-19w Commanche

DST # 1

Miss

2004.12.12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

Baker #1-30

30-33s-19w Commanche

Job Ticket: 21183

DST#: 1

Test Start: 2004.12.12 @ 01:32:26

GENERAL INFORMATION:

Formation: **Miss**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:30:55

Time Test Ended: 10:08:25

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **5083.00 ft (KB) To 5252.00 ft (KB) (TVD)**

Total Depth: **5252.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Poor**

Reference Elevations: **1898.00 ft (KB)**

1887.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6668

Inside

Press@RunDepth: **139.25 psig @ 5220.01 ft (KB)**

Start Date: **2004.12.12**

End Date:

2004.12.12

Capacity: **7000.00 psig**

Last Calib.:

2004.12.12

Start Time: **01:32:26**

End Time:

10:08:25

Time On Btm:

2004.12.12 @ 04:25:55

Time Off Btm:

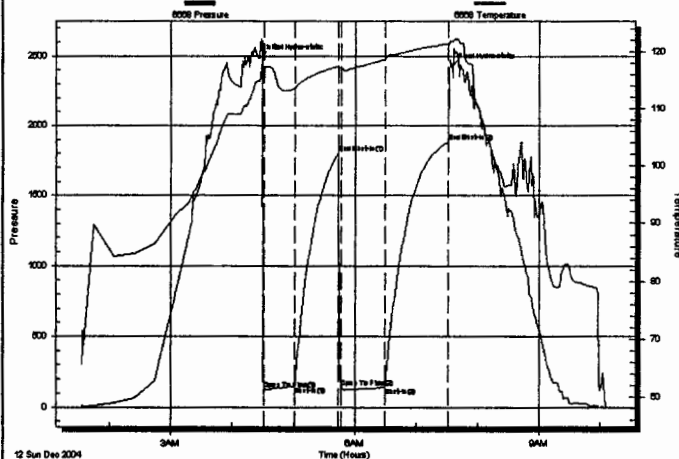
2004.12.12 @ 07:34:55

TEST COMMENT: **IFP-strg bl GTS in 12 min**

FFP-GTS

Times 30-45-45-60

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2486.56	114.78	Initial Hydro-static
5	126.10	117.33	Open To Flow (1)
35	144.74	113.62	Shut-In(1)
78	1799.81	117.42	End Shut-In(1)
81	138.99	117.09	Open To Flow (2)
123	139.25	118.55	Shut-In(2)
185	1882.35	121.38	End Shut-In(2)
189	2426.25	121.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	GCM 6% gas 94% mud	1.03

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.00	7.64
Last Gas Rate	0.25	8.00	35.54
Max. Gas Rate	0.25	18.00	51.40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

Baker #1-30

PO Box 399
Garden City Ks 67846-0399

30-33s-19w Commanche

Job Ticket: 21183

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2004.12.12 @ 01:32:26

Tool Information

Drill Pipe:	Length: 4886.00 ft	Diameter: 3.80 inches	Volume: 68.54 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: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 69.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 79000.00 lb
Depth to Top Packer:	5083.00 ft			Final 79000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	169.02 ft			
Tool Length:	197.02 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			5056.00	
Shut In Tool	5.00			5061.00	
Hydraulic tool	5.00			5066.00	
Jars	5.00			5071.00	
Safety Joint	2.00			5073.00	
Packer	5.00			5078.00	28.00 Bottom Of Top Packer
Packer	5.00			5083.00	
Stubb	1.00			5084.00	
Perforations	8.00			5092.00	
Blank Spacing	128.00			5220.00	
Recorder	0.01	6668	Inside	5220.01	
Perforations	29.00			5249.01	
Recorder	0.01	13534	Outside	5249.02	
Bullnose	3.00			5252.02	169.02 Bottom Packers & Anchor

Total Tool Length: 197.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Baker #1-30

PO Box 399
Garden City Ks 67846-0399

30-33s-19w Commanche

Job Ticket: 21183

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2004.12.12 @ 01:32:26

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	GCM 6% gas 94% mud	1.025

Total Length: 190.00 ft

Total Volume: 1.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

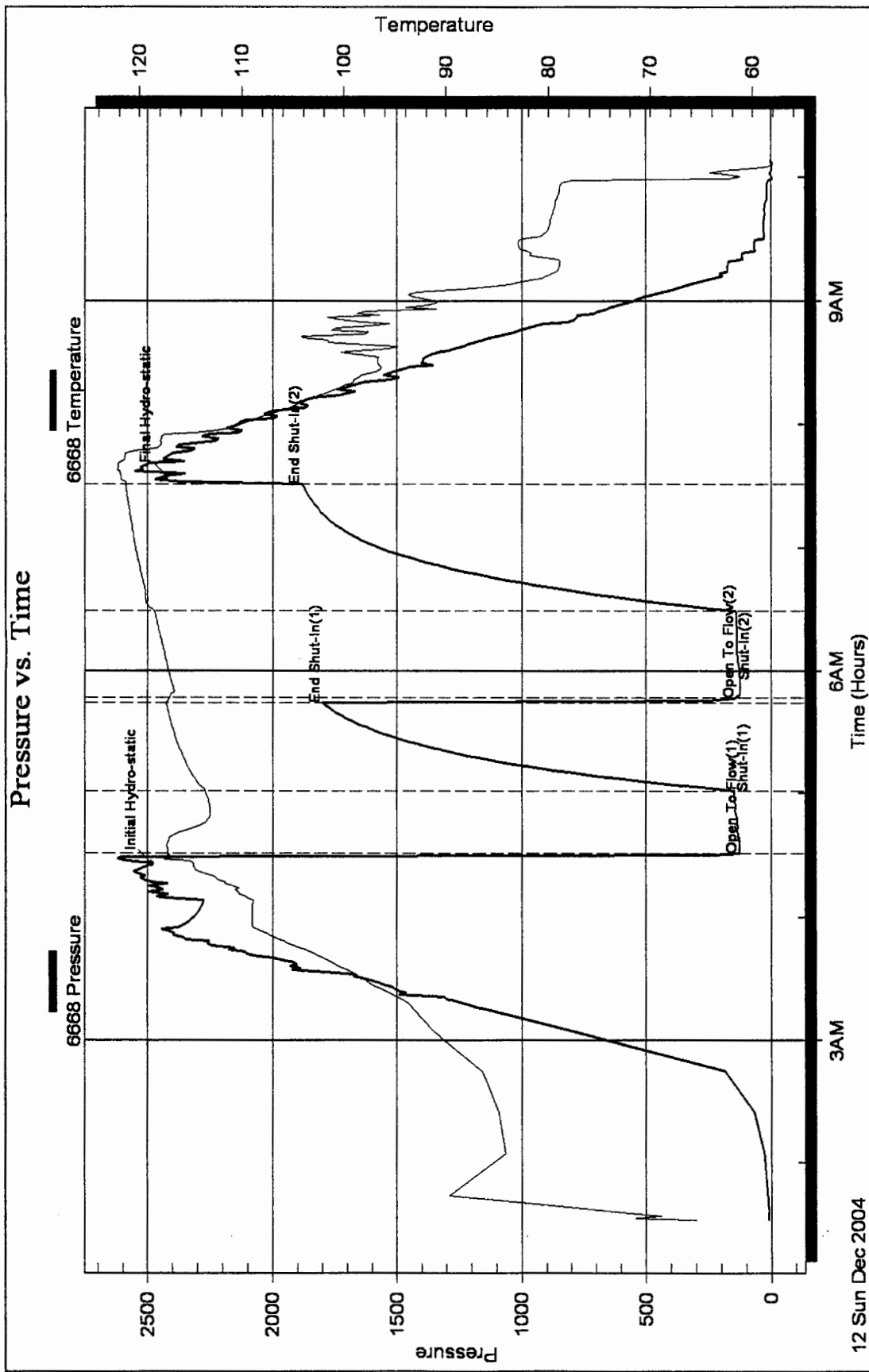
Serial #:

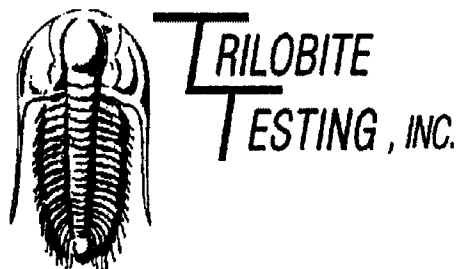
Laboratory Name:

Laboratory Location:

Recovery Comments: 7#LCM

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City Ks 67846-0399

ATTN: Cecil O'Brate

30-33s-19w Commanche

Baker #1-30

Start Date: 2004.12.14 @ 23:18:06

End Date: 2004.12.15 @ 07:56:36

Job Ticket #: 19955 DST #: 2

Trilobite Testing, Inc

PO Box 362 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: Cecil O'Brate

Baker #1-30

30-33s-19w Commanche

Job Ticket: 19955

DST#: 2

Test Start: 2004.12.14 @ 23:18:06

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:44:36

Time Test Ended: 07:56:36

Test Type: Conventional Bottom Hole

Tester: Steve Clark

Unit No: 19

Interval: 6057.00 ft (KB) To 6082.00 ft (KB) (TVD)

Total Depth: 6082.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1898.00 ft (KB)

1887.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6667

Inside

Press@RunDepth: 18.15 psig @ 6058.00 ft (KB)

Start Date: 2004.12.14 End Date: 2004.12.15

Start Time: 23:18:16 End Time: 07:56:35

Capacity: 7000.00 psig

Last Calib.: 2004.12.15

Time On Btm: 2004.12.15 @ 01:42:36

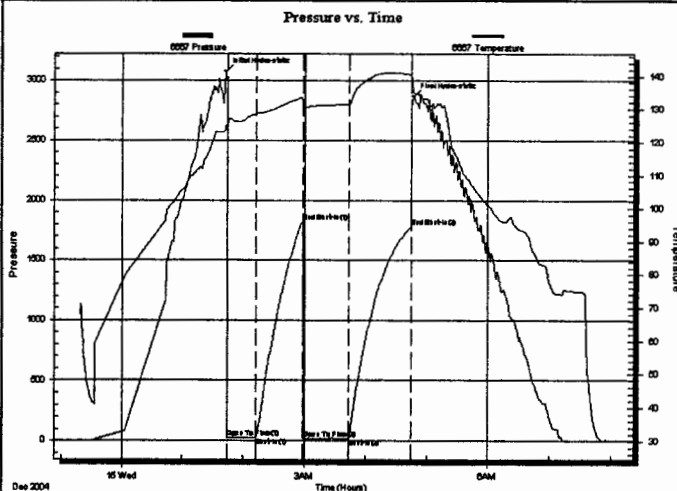
Time Off Btm: 2004.12.15 @ 04:46:06

TEST COMMENT: IF-Strg blw b.o.b. 5min, no gts.

ISI-After bleed off, blw died.

FF-Strg blw b.o.b. 1min, no gts.

FSI-After bleed off, blw died.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3074.29	123.57	Initial Hydro-static
2	24.70	125.24	Open To Flow (1)
31	27.16	128.76	Shut-In(1)
76	1820.64	133.64	End Shut-In(1)
77	16.51	130.15	Open To Flow (2)
121	18.15	131.43	Shut-In(2)
183	1778.04	140.47	End Shut-In(2)
184	2866.19	135.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM-2% oil, 98% mud	0.15

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
PO Box 399
Garden City Ks 67846-0399
ATTN: Cecil O'Brate

Baker #1-30
30-33s-19w Commanche
Job Ticket: 19955 **DST#: 2**
Test Start: 2004.12.14 @ 23:18:06

Tool Information

Drill Pipe:	Length: 5870.00 ft	Diameter: 3.80 inches	Volume: 82.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	83.23 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	6057.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	54.00 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			6029.00	
Shut In Tool	5.00			6034.00	
Hydraulic tool	5.00			6039.00	
Jars	5.00			6044.00	
Safety Joint	3.00			6047.00	
Packer	5.00			6052.00	29.00 Bottom Of Top Packer
Packer	5.00			6057.00	
Perforations	1.00			6058.00	
Recorder	0.00	6667	Inside	6058.00	
Perforations	21.00			6079.00	
Recorder	0.00	11019	Outside	6079.00	
Bullnose	3.00			6082.00	25.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Baker #1-30

PO Box 399
Garden City Ks 67846-0399

30-33s-19w Commanche

Job Ticket: 19955

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2004.12.14 @ 23:18:06

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM-2% oil,98%mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

Inside

American Warrior Inc

30-33s-19w Commanche

DST Test Number: 2

