

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

6-22S-12W Stafford

Alpers #1-6

Start Date: 2004.03.03 @ 17:38:00

End Date: 2004.03.04 @ 05:42:30

Job Ticket #: 18637 DST #: 1

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: Al Downing

Alpers #1-6

6-22S-12W Stafford

Job Ticket: 18637

DST#: 1

Test Start: 2004.03.03 @ 17:38:00

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 01:09:00
Time Test Ended: 05:42:30

Test Type: **Conventional Bottom Hole**
Tester: **Darren L. Amerine**
Unit No: **19**

Interval: **3288.00 ft (KB) To 3350.00 ft (KB) (TVD)**
Total Depth: **3350.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1877.00 ft (KB)**
1869.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 6625

Inside

Press@RunDepth: **37.11 psig @ 3290.00 ft (KB)**

Start Date: **2004.03.03**

End Date:

2004.03.04

Start Time: **17:38:05**

End Time:

05:42:30

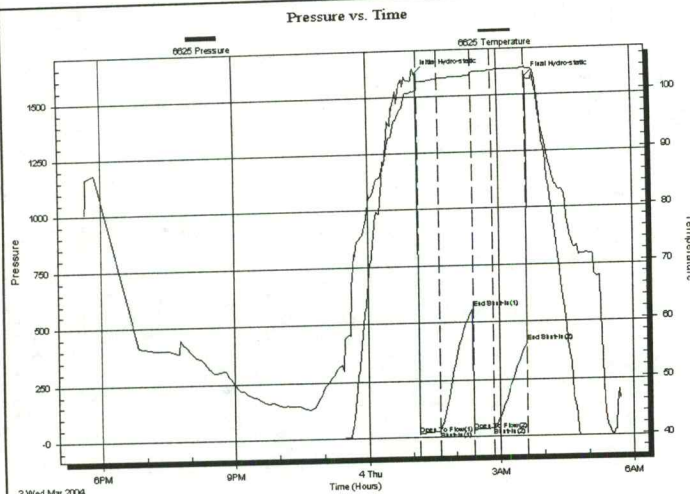
Capacity: **7000.00 psig**

Last Calib.: **2004.03.04**

Time On Btm: **2004.03.04 @ 01:07:15**

Time Off Btm: **2004.03.04 @ 03:38:00**

TEST COMMENT: IF: Fair blow b.o.b in 4 mins.45 sec.
IS: Bled down for 2 mins. no blow back.
FF: Weak blow slowly built to b.o.b in 26 mins.
FS: Bled down for 2 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1598.72	100.07	Initial Hydro-static
2	12.79	101.56	Open To Flow (1)
31	25.28	102.19	Shut-In (1)
76	559.06	102.60	End Shut-In (1)
77	26.75	102.90	Open To Flow (2)
104	37.11	103.46	Shut-In (2)
150	407.56	103.76	End Shut-In (2)
151	1580.76	104.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	430' of gip	0.00
57.00	SG&OCM 10% gas 4% oil 86% mud	0.80

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, inc.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18637

DST#: 1

ATTN: Al Downing

Test Start: 2004.03.03 @ 17:38:00

Tool Information

Drill Pipe:	Length: 3277.00 ft	Diameter: 3.80 inches	Volume: 45.97 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 45.97 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3288.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	83.00 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			3268.00		
Shut In Tool	5.00			3273.00		
Hydraulic tool	5.00			3278.00		
Packer	5.00			3283.00	21.00	Bottom Of Top Packer
Packer	5.00			3288.00		
Stubb	2.00			3290.00		
Recorder	0.00	6625	Inside	3290.00		
Anchor	26.00			3316.00		
Recorder	0.00	10991	Outside	3316.00		
Blank Spacing	31.00			3347.00		
Bullnose	3.00			3350.00	62.00	Bottom Packers & Anchor
Total Tool Length:	83.00					



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18637

DST#: 1

ATTN: Al Downing

Test Start: 2004.03.03 @ 17:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.17 in³

Resistivity: 1.00 ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.32 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	430' of gip	0.000
57.00	SG&OCM 10% gas 4% oil 86% mud	0.800

Total Length: 57.00 ft Total Volume: 0.800 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

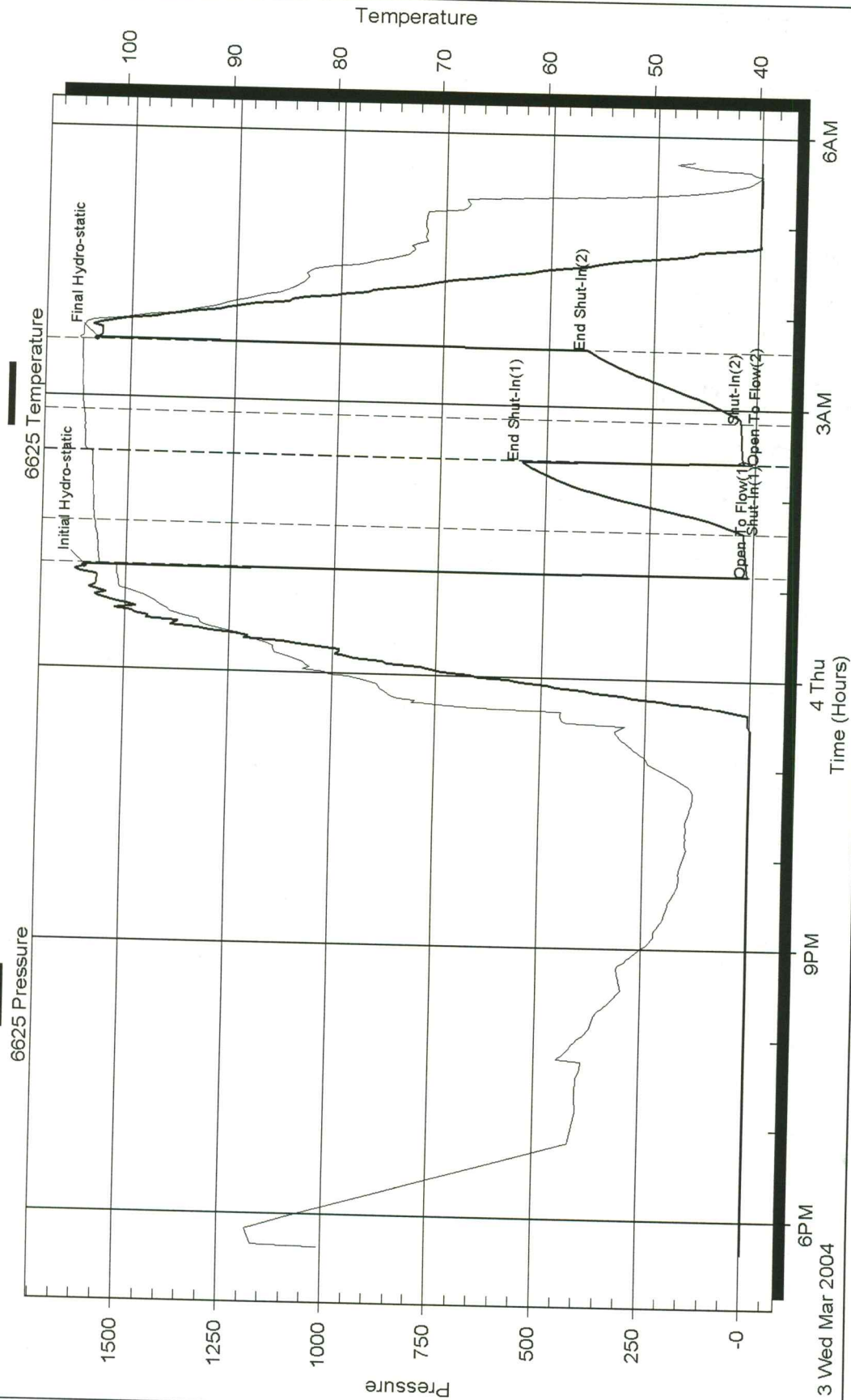
Inside

American Warrior, Inc.

6-22S-12W Stafford

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 18637

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DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

6-22S-12W Stafford

Alpers #1-6

Start Date: 2004.03.04 @ 15:20:56

End Date: 2004.03.04 @ 22:29:41

Job Ticket #: 18638 DST #: 2

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



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DRILL STEM TEST REPORT

American Warrior, inc.

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

Alpers #1-6

6-22S-12W Stafford

Job Ticket: 18638

DST#: 2

Test Start: 2004.03.04 @ 15:20:56

GENERAL INFORMATION:

Formation: **Lansing (H-I-J)**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:18:56

Time Test Ended: 22:29:41

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **3436.00 ft (KB) To 3492.00 ft (KB) (TVD)**

Total Depth: 3492.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 139.84 psig @ 3438.00 ft (KB)

Start Date: 2004.03.04

End Date: 2004.03.04

Start Time: 15:21:01

End Time: 22:29:40

Capacity: 7000.00 psig

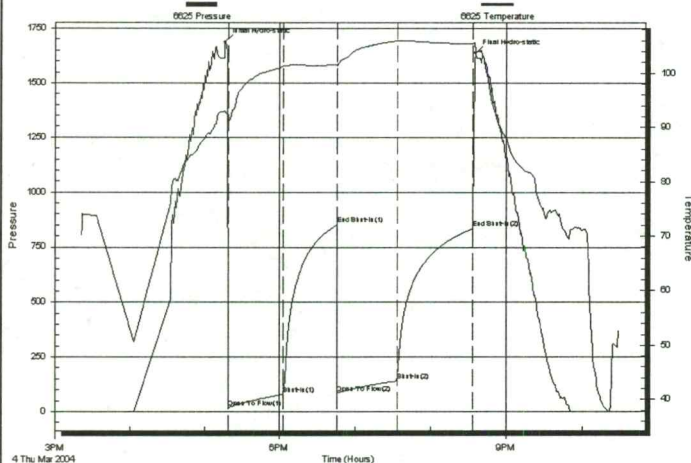
Last Calib.: 2004.03.04

Time On Btm: 2004.03.04 @ 17:16:11

Time Off Btm: 2004.03.04 @ 20:35:11

TEST COMMENT: IF: Fair blow built to b.o.b in 14 mins.
IS: Bled down for 3 mins. built back to 1/4"-1/2" in H₂O bucket.
FF: Weak blow built to b.o.b in 36 mins.
FS: Bled down for 10 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.35	93.00	Initial Hydro-static
3	17.44	91.61	Open To Flow (1)
47	79.30	101.28	Shut-In (1)
90	851.04	101.48	End Shut-In (1)
90	85.46	101.35	Open To Flow (2)
137	139.84	105.99	Shut-In (2)
198	834.13	105.40	End Shut-In (2)
199	1638.34	104.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	Salt water	3.16
120.00	SMCSW 20% mud 80% water	1.68

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.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18638

DST#: 2

ATTN: Al Downing

Test Start: 2004.03.04 @ 15:20:56

Tool Information

Drill Pipe:	Length: 3435.00 ft	Diameter: 3.80 inches	Volume: 48.18 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 48.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	3436.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	77.00 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			3416.00	
Shut In Tool	5.00			3421.00	
Hydraulic tool	5.00			3426.00	
Packer	5.00			3431.00	21.00 Bottom Of Top Packer
Packer	5.00			3436.00	
Stubb	2.00			3438.00	
Recorder	0.00	6625	Inside	3438.00	
Anchor	20.00			3458.00	
Blank Spacing	31.00			3489.00	
Recorder	0.00	10991	Outside	3489.00	
Bullnose	3.00			3492.00	56.00 Bottom Packers & Anchor

Total Tool Length: 77.00



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FLUID SUMMARY

American Warrior, Inc.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18638

DST#: 2

ATTN: Al Downing

Test Start: 2004.03.04 @ 15:20:56

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: 150000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
225.00	Salt water	3.156
120.00	SMCSW 20% mud 80% water	1.683

Total Length: 345.00 ft

Total Volume: 4.839 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .04@70'=15000

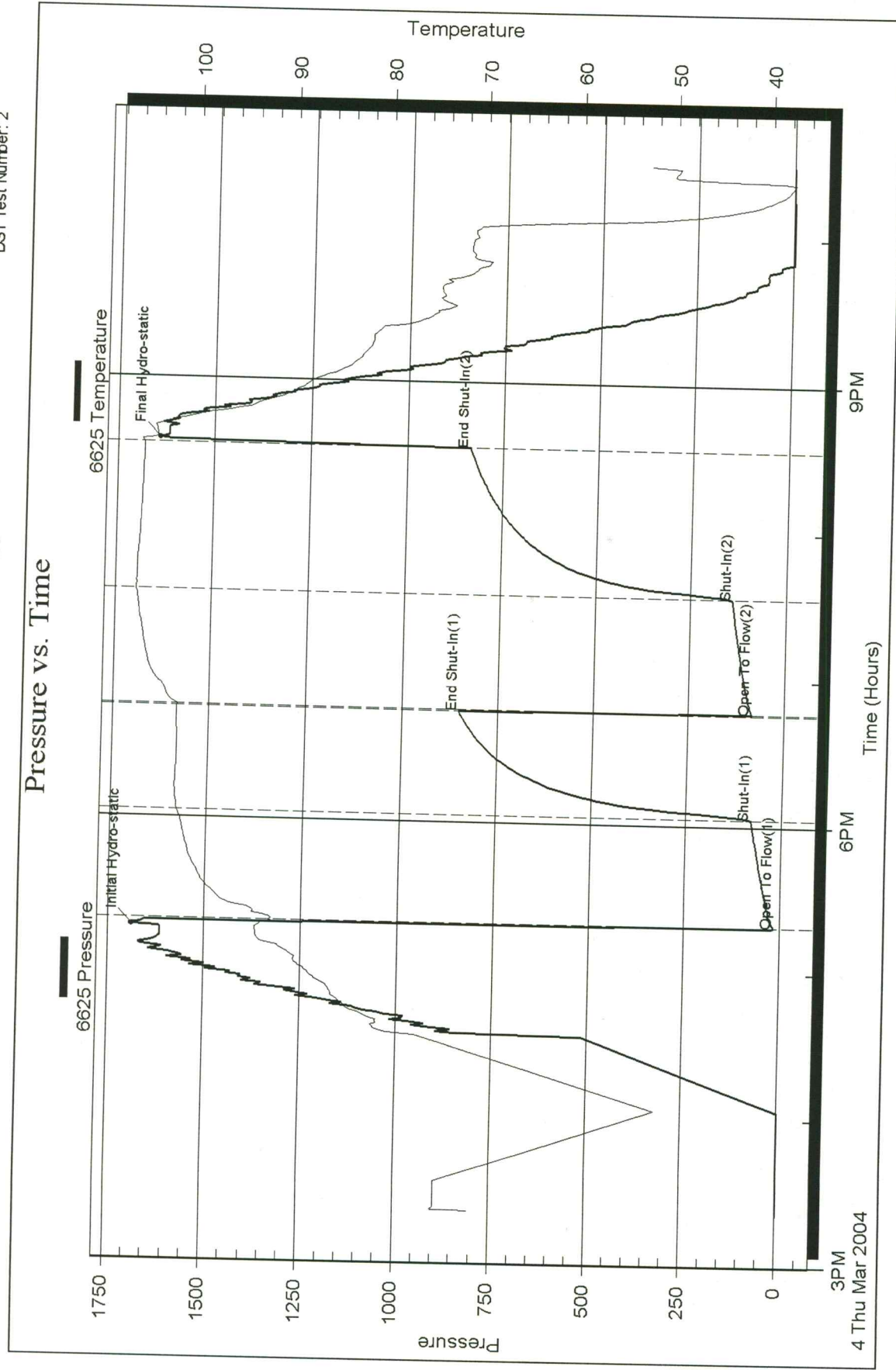
Serial #: 6625

Inside

American Warrior, Inc.

6-22S-12W Stafford

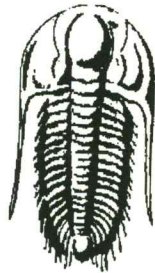
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 18638

Printed: 2004.03.12 @ 11:22:03 Page 5



**TRILOBITE
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DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

6-22S-12W Stafford

Alpers #1-6

Start Date: 2004.03.05 @ 09:00:39

End Date: 2004.03.05 @ 15:41:33

Job Ticket #: 18636 DST #: 3

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



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DRILL STEM TEST REPORT

American Warrior, inc.

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

Alpers #1-6

6-22S-12W Stafford

Job Ticket: 18636

DST#: 3

Test Start: 2004.03.05 @ 09:00:39

GENERAL INFORMATION:

Formation: **VIOLA**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:48:49

Time Test Ended: 15:41:33

Interval: **3556.00 ft (KB) To 3620.00 ft (KB) (TVD)**

Total Depth: 3620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 38.74 psig @ 3558.00 ft (KB)

Start Date: 2004.03.05

End Date:

2004.03.05

Start Time: 09:00:39

End Time:

15:41:33

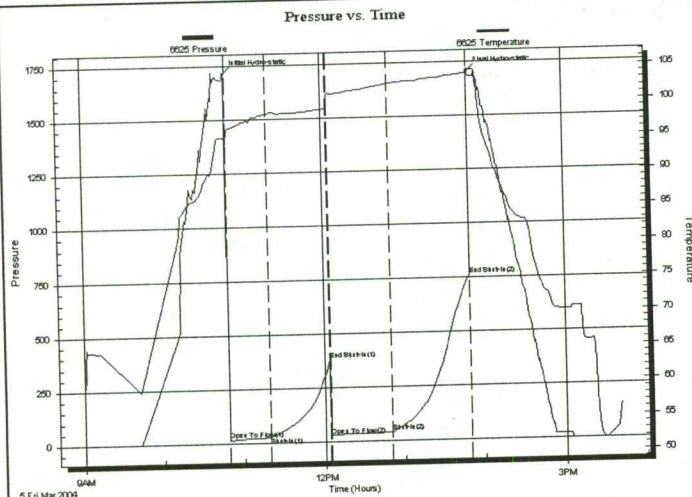
Capacity: 7000.00 psig

Last Calib.: 2004.03.05

Time On Btm: 2004.03.05 @ 10:48:04

Time Off Btm: 2004.03.05 @ 13:49:49

TEST COMMENT: IF: Fair blow b.o.b in 27 mins.
IS: Bled down n for 3 mins. no blow back.
FF: Fair blow b.o.b in 12 mins.
FS: Bled down n for 2 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.47	94.77	Initial Hydro-static
1	16.50	94.52	Open To Flow (1)
31	25.27	98.49	Shut-In(1)
76	378.21	99.18	End Shut-In(1)
77	29.23	101.13	Open To Flow (2)
122	38.74	102.55	Shut-In(2)
181	758.46	103.90	End Shut-In(2)
182	1706.60	104.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	120 of gip	0.00
65.00	SO&GCM 10%oil 10%gas 80%mud	0.91

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.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18636

DST#: 3

ATTN: Al Downing

Test Start: 2004.03.05 @ 09:00:39

Tool Information

Drill Pipe:	Length: 3552.00 ft	Diameter: 3.80 inches	Volume: 49.83 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 49.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3556.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	85.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3536.00	
Shut In Tool	5.00			3541.00	
Hydraulic tool	5.00			3546.00	
Packer	5.00			3551.00	21.00 Bottom Of Top Packer
Packer	5.00			3556.00	
Stubb	2.00			3558.00	
Recorder	0.00	6625	Inside	3558.00	
Anchor	29.00			3587.00	
Recorder	0.00	10991		3587.00	
Blank Spacing	30.00			3617.00	
Bullnose	3.00			3620.00	64.00 Bottom Packers & Anchor

Total Tool Length: 85.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18636

DST#: 3

ATTN: Al Downing

Test Start: 2004.03.05 @ 09:00:39

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: 7.58 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	120 of gip	0.000
65.00	SO&GCM 10%oil 10%gas 80%mud	0.912

Total Length: 65.00 ft

Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6625

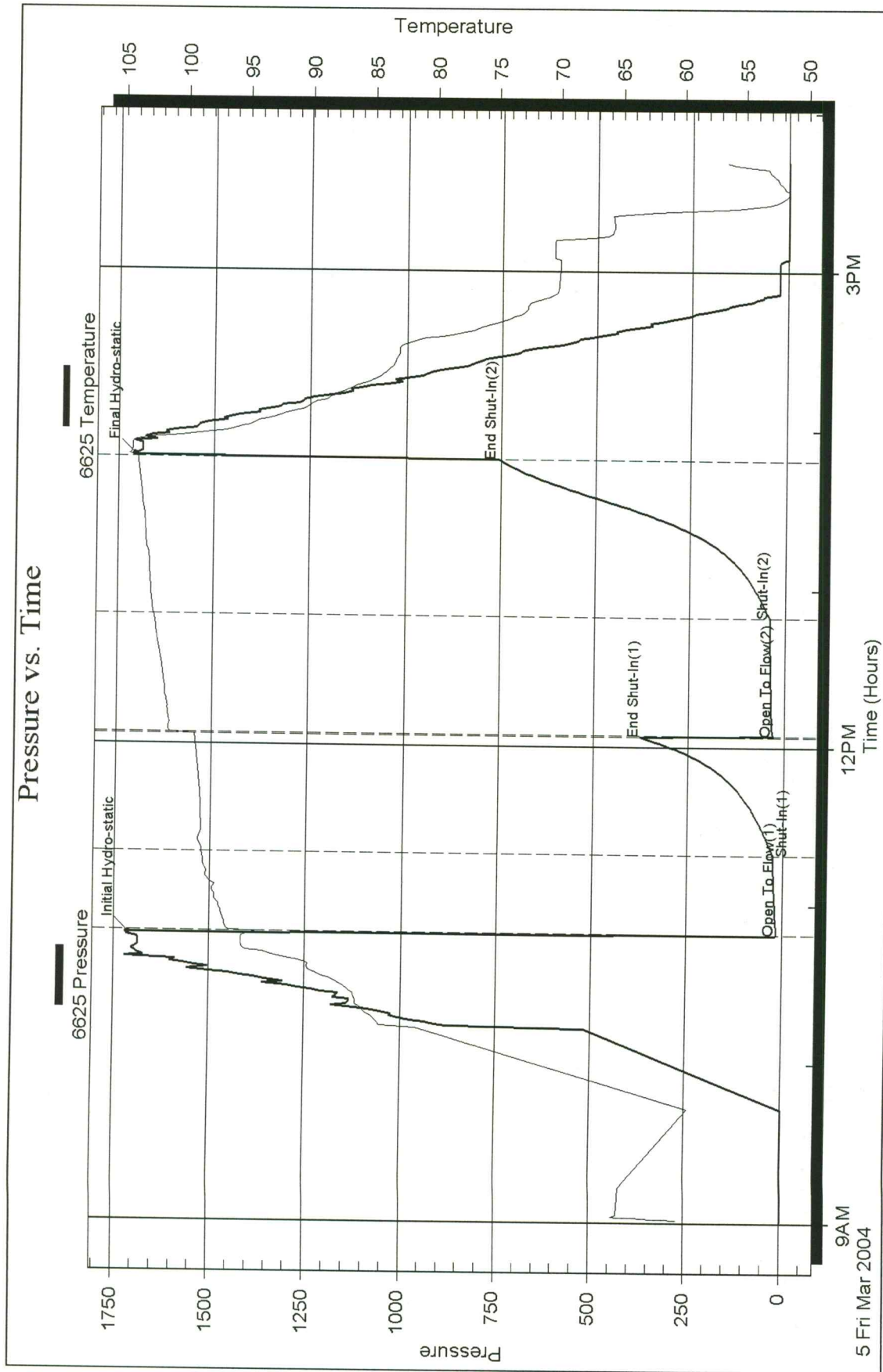
Inside

American Warrior, Inc.

6-22S-12W Stafford

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

6-22S-12W Stafford

Alpers #1-6

Start Date: 2004.03.06 @ 00:49:49

End Date: 2004.03.06 @ 09:05:04

Job Ticket #: 18640 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

Alpers #1-6

6-22S-12W Stafford

Job Ticket: 18640

DST#: 4

Test Start: 2004.03.06 @ 00:49:49

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:05:34

Time Test Ended: 09:05:04

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **3612.00 ft (KB) To 3677.00 ft (KB) (TVD)**

Total Depth: 3677.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 152.14 psig @ 3614.00 ft (KB)

Start Date: 2004.03.06

End Date:

2004.03.06

Start Time: 00:49:54

End Time:

09:05:03

Capacity: 7000.00 psig

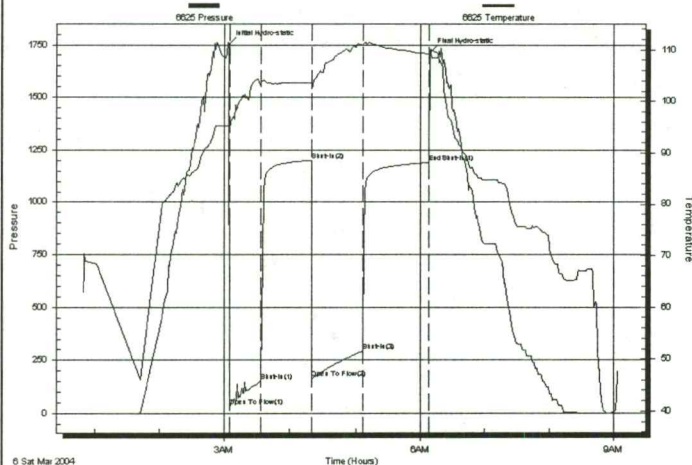
Last Calib.: 2004.03.06

Time On Btm: 2004.03.06 @ 03:04:19

Time Off Btm: 2004.03.06 @ 06:09:19

TEST COMMENT: IF: Fair to strong blow b.o.b in 7 mins.
IS: Bled down for 3 mins. no blow back.
FF: Fair to strong blow b.o.b in 9.5 mins.
FS: Bled down for 10 mins. built back to weak surface blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1752.22	95.23	Initial Hydro-static
2	31.23	94.37	Open To Flow (1)
30	152.14	103.78	Shut-In (1)
76	1200.41	103.51	Shut-In (2)
77	166.42	102.48	Open To Flow (2)
122	294.67	111.03	Shut-In (3)
184	1189.90	109.15	End Shut-In (1)
185	1716.57	110.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	186 of gip	0.00
120.00	SO&GCMW 2%gas 10%oil 80%water 10%	1.681
186.00	HGCMW 55%gas 11%oil 14%water 20%	2.61
120.00	HGCWM 70%gas 10%oil 6%water 14%	1.68
60.00	VSGCOM 2%gas 18%oil 80%mud	0.84

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.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18640

DST#: 4

ATTN: Al Downing

Test Start: 2004.03.06 @ 00:49:49

Tool Information

Drill Pipe:	Length: 3623.00 ft	Diameter: 3.80 inches	Volume: 50.82 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 50.82 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3612.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	86.00 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			3592.00	
Shut In Tool	5.00			3597.00	
Hydraulic tool	5.00			3602.00	
Packer	5.00			3607.00	21.00 Bottom Of Top Packer
Packer	5.00			3612.00	
Stubb	2.00			3614.00	
Recorder	0.00	6625	Inside	3614.00	
Anchor	29.00			3643.00	
Recorder	0.00	10991	Outside	3643.00	
Blank Spacing	31.00			3674.00	
Bullnose	3.00			3677.00	65.00 Bottom Packers & Anchor

Total Tool Length: 86.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, inc.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18640

DST#: 4

ATTN: Al Downing

Test Start: 2004.03.06 @ 00:49:49

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: 150000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6700.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	186 of gip	0.000
120.00	SO&GCMW 2%gas 10%oil 80%water 10%mu	1.683
186.00	HGCMW 55%gas 11%oil 14%water 20%mud	2.609
120.00	HGCWM 70%gas 10%oil 6%water 14%mud	1.683
60.00	VSGCOM 2%gas 18%oil 80%mud	0.842

Total Length: 486.00 ft

Total Volume: 6.817 bbl

Num Fluid Samples: 0

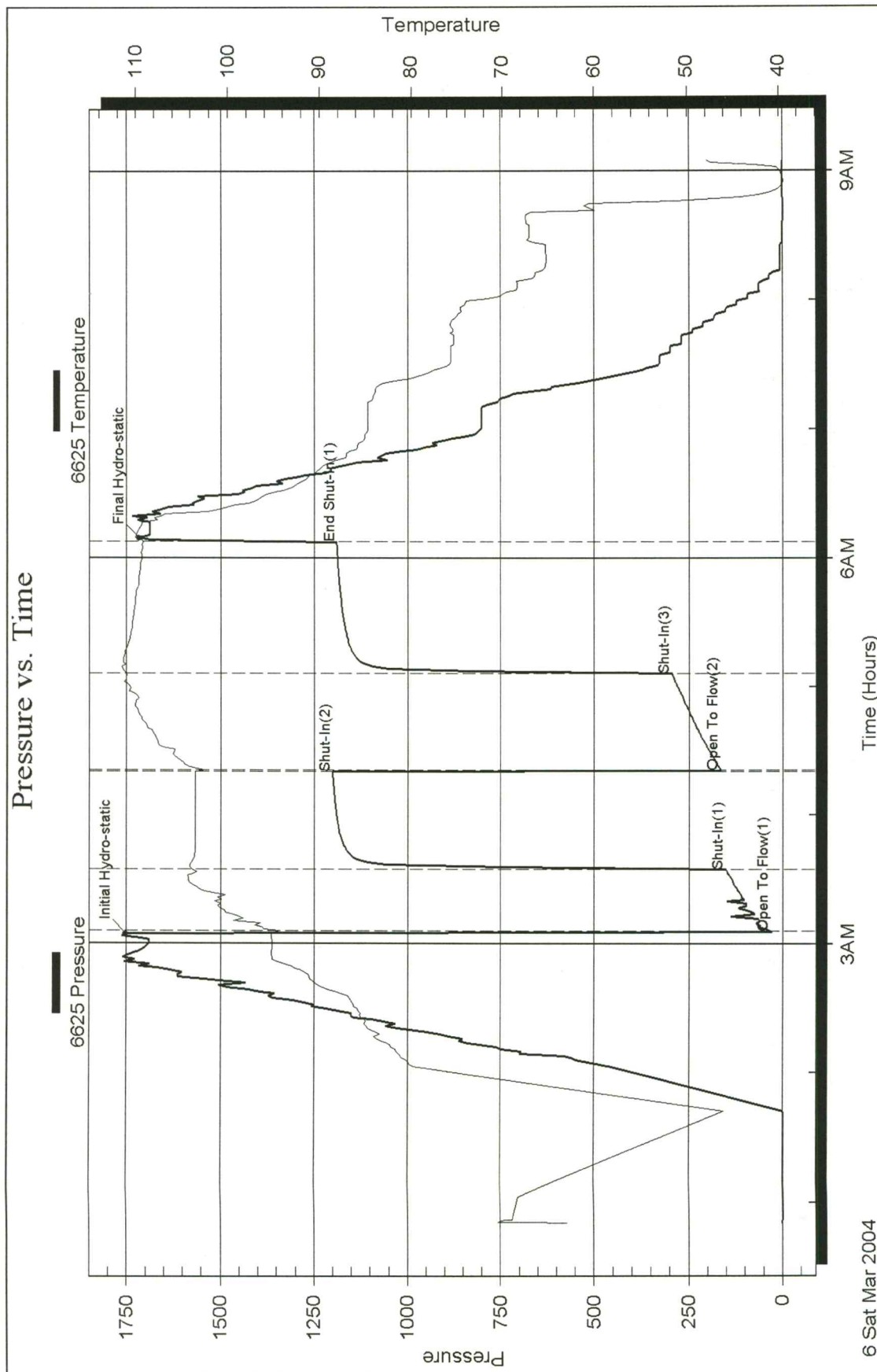
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .13@70=140000





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846-0399

ATTN: Al Downing

6-22S-12W Stafford

Alpers #1-6

Start Date: 2004.03.07 @ 01:13:26

End Date: 2004.03.07 @ 09:28:20

Job Ticket #: 18641 DST #: 5

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: Al Downing

Alpers #1-6

6-22S-12W Stafford

Job Ticket: 18641

DST#: 5

Test Start: 2004.03.07 @ 01:13:26

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:05:36

Time Test Ended: 09:28:20

Test Type: Conventional Straddle

Tester: Darren L. Amerine

Unit No: 19

Interval: **3764.00 ft (KB) To 3784.00 ft (KB) (TVD)**

Total Depth: 3828.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1877.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625

Inside

Press@RunDepth: 710.38 psig @ 3766.00 ft (KB)

Start Date: 2004.03.07

End Date:

2004.03.07

Start Time: 01:13:26

End Time:

09:28:20

Capacity: 7000.00 psig

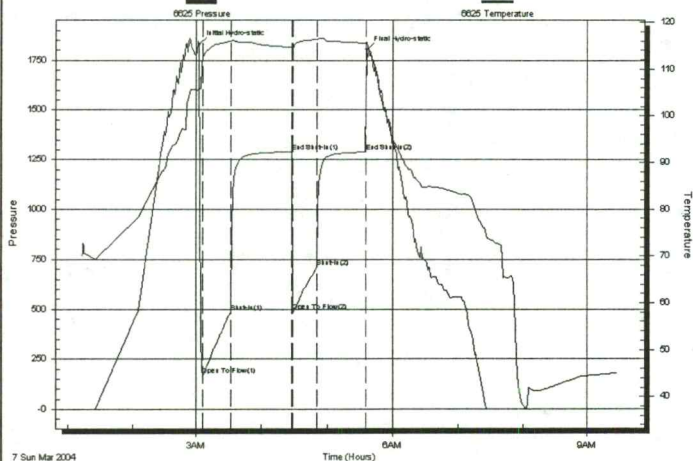
Last Calib.: 2004.03.07

Time On Btm: 2004.03.07 @ 03:02:51

Time Off Btm: 2004.03.07 @ 05:35:51

TEST COMMENT: IF: Strong blow b.o.b in 100 sec.
IS: Bled down for 4 mins. no blow back.
FF: Strong blow b.o.b in 2 mins.
FS: Bled down for 5 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1828.85	105.54	Initial Hydro-static
3	170.51	112.21	Open To Flow (1)
29	481.83	115.92	Shut-In (1)
86	1289.83	114.62	End Shut-In (1)
87	487.28	114.28	Open To Flow (2)
108	710.38	116.31	Shut-In (2)
153	1288.73	115.53	End Shut-In (2)
153	1802.38	115.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1580.00	153 - Salt Water	22.16

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.

Alpers #1-6

PO Box 399
Garden City, KS 67846-0399

6-22S-12W Stafford

Job Ticket: 18641

DST#: 5

ATTN: Al Downing

Test Start: 2004.03.07 @ 01:13:26

Tool Information

Drill Pipe:	Length: 3749.00 ft	Diameter: 3.80 inches	Volume: 52.59 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 69000.00 lb
			Total Volume: 52.59 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3764.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	3784.00 ft			
Interval between Packers:	20.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3744.00		
Shut In Tool	5.00			3749.00		
Hydraulic tool	5.00			3754.00		
Packer	5.00			3759.00	21.00	Bottom Of Top Packer
Packer	5.00			3764.00		
Stubb	2.00			3766.00		
Recorder	0.00	6625	Inside	3766.00		
Anchor	14.00			3780.00		
Recorder	0.00	13769	Outside	3780.00		
Anchor	4.00			3784.00	20.00	Tool Interval
Packer	0.00			3784.00		
Stubb	1.00			3785.00		
Anchor	7.00			3792.00		
Recorder	0.00	10991	Below	3792.00		
Blank Spacing	32.00			3824.00		
Bullnose	3.00			3827.00	43.00	Bottom Packers & Anchor
Total Tool Length:	84.00					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.
PO Box 399
Garden City, KS 67846-0399
ATTN: Al Downing

Alpers #1-6
6-22S-12W Stafford
Job Ticket: 18641 **DST#: 5**
Test Start: 2004.03.07 @ 01:13:26

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 8.37 in³
Resistivity: 0.60 ohm.m
Salinity: 7800.00 ppm
Filter Cake: 0.32 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 140000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1580.00	153 - Salt Water	22.163

Total Length: 1580.00 ft Total Volume: 22.163 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .05@85'=140000

Alan Downing Fax#620-598-2016 please fax.

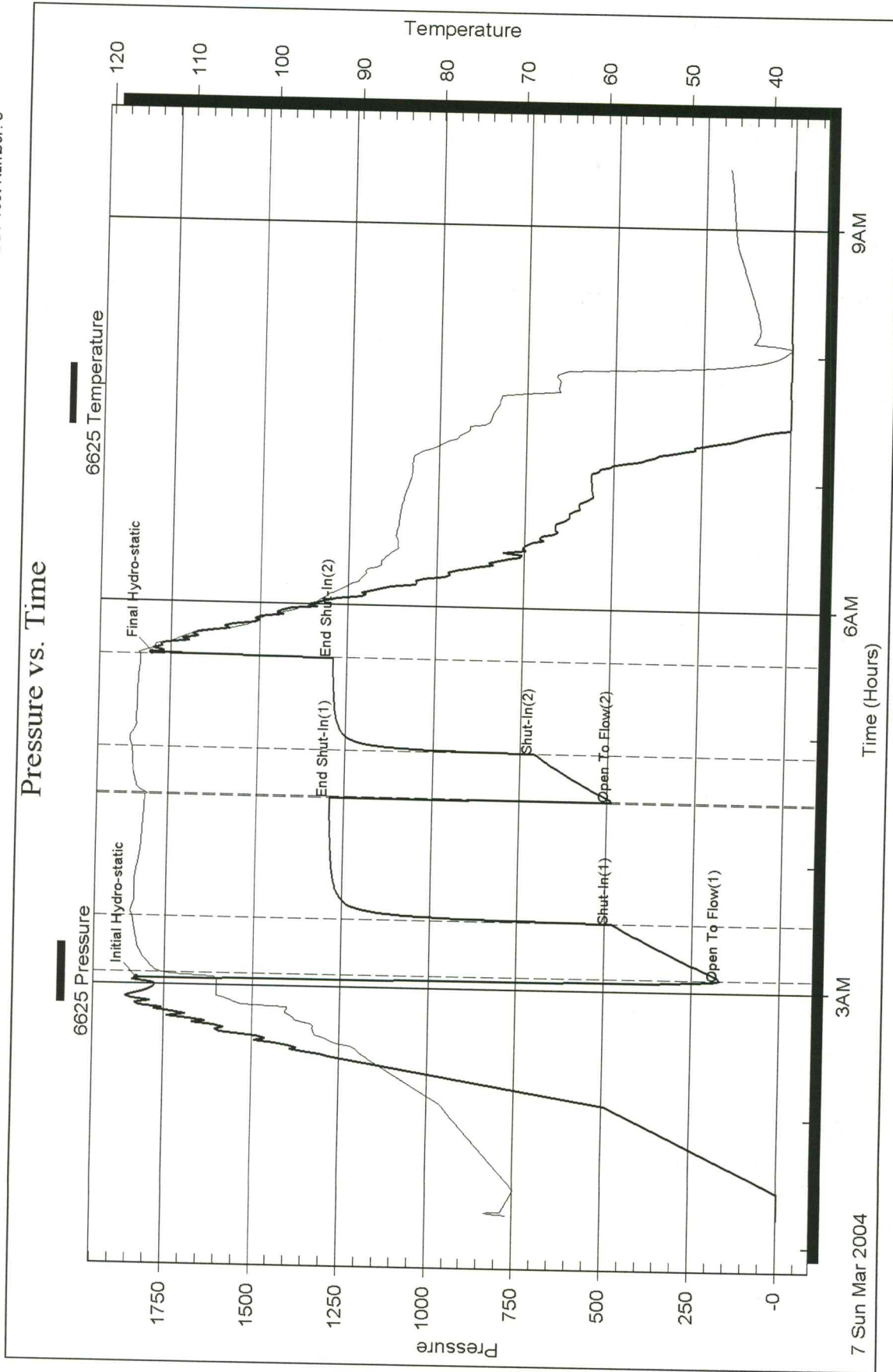
Serial #: 6625

Inside

American Warrior, Inc.

6-22S-12W Stafford

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 18641

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