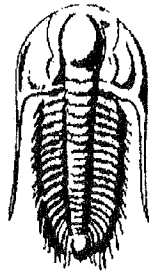


15-009-24939

27-20s-13w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

27 20S 13W Barton KS

Engleman#1-27

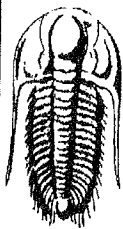
Start Date: 2006.06.06 @ 00:00:25

End Date: 2006.06.06 @ 08:40:10

Job Ticket #: 24856 DST #: 1

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Engleman#1-27

27 20S 13W Barton KS

Job Ticket: 24856

DST#: 1

Test Start: 2006.06.06 @ 00:00:25

GENERAL INFORMATION:

Formation: **Lans. A - B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:58:10

Time Test Ended: 08:40:10

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3258.00 ft (KB) To 3318.00 ft (KB) (TVD)**

Total Depth: 3318.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1887.00 ft (KB)

1879.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771 Inside

Press@RunDepth: 639.49 psig @ 3259.00 ft (KB)

Start Date: 2006.06.06

End Date:

2006.06.06

Start Time: 00:00:30

End Time:

08:40:10

Capacity: 7000.00 psig

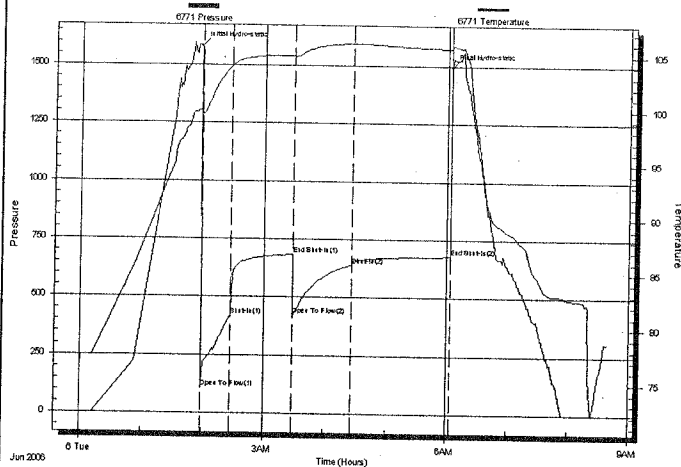
Last Calib.: 2006.06.07

Time On Btm: 2006.06.06 @ 01:57:40

Time Off Btm: 2006.06.06 @ 06:03:39

TEST COMMENT: IF Strong blow BOB in 10 sec
ISI Weak blow 1/2 - 2 1/2 in
FF Strong blow BOB in 3 min
FSI Weak to fair blow 1-6 in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.52	100.02	Initial Hydro-static
1	106.06	99.62	Open To Flow (1)
30	418.05	104.03	Shut-In (1)
91	682.16	105.02	End Shut-In (1)
91	424.37	104.92	Open To Flow (2)
149	639.49	106.13	Shut-In (2)
246	677.42	105.69	End Shut-In (2)
246	1493.75	106.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
625.00	SW w/few O specs R w .066 OHMS @ 81	8.77
210.00	GOCWM 20%G 4%O 12%M 64%W	2.95
380.00	GOCWM 22%G 7%O 18%M 53%W	5.33
0.00	90' 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

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24856

DST#: 1

ATTN: James Dilts

Test Start: 2006.06.06 @ 00:00:25

Tool Information

Drill Pipe:	Length: 3254.00 ft	Diameter: 3.80 inches	Volume: 45.65 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: 61000.00 lb
			Total Volume: 45.65 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3258.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

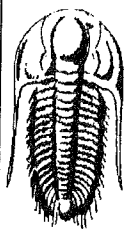
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3239.00	
Shut In Tool	5.00			3244.00	
Hydraulic tool	5.00			3249.00	
Packer	4.00			3253.00	20.00 Bottom Of Top Packer
Packer	5.00			3258.00	
Stubb	1.00			3259.00	
Recorder	0.00	6771	Inside	3259.00	
Perforations	22.00			3281.00	
Change Over Sub	1.00			3282.00	
Blank Spacing	30.00			3312.00	
Change Over Sub	1.00			3313.00	
Recorder	0.00	13222	Outside	3313.00	
Bullnose	5.00			3318.00	60.00 Bottom Packers & Anchor

Total Tool Length: 80.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24856

DST#: 1

ATTN: James Dilts

Test Start: 2006.06.06 @ 00:00:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 11.17 in³

Resistivity: 0.00 ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 109000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
625.00	SW w/few O specs Rw .066 OHMS@81 deg	8.767
210.00	GOCWM 20%G 4%O 12%M 64%W	2.946
380.00	GOCWM 22%G 7%O 18%M 53%W	5.330
0.00	90' GIP	0.000

Total Length: 1215.00 ft

Total Volume: 17.043 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

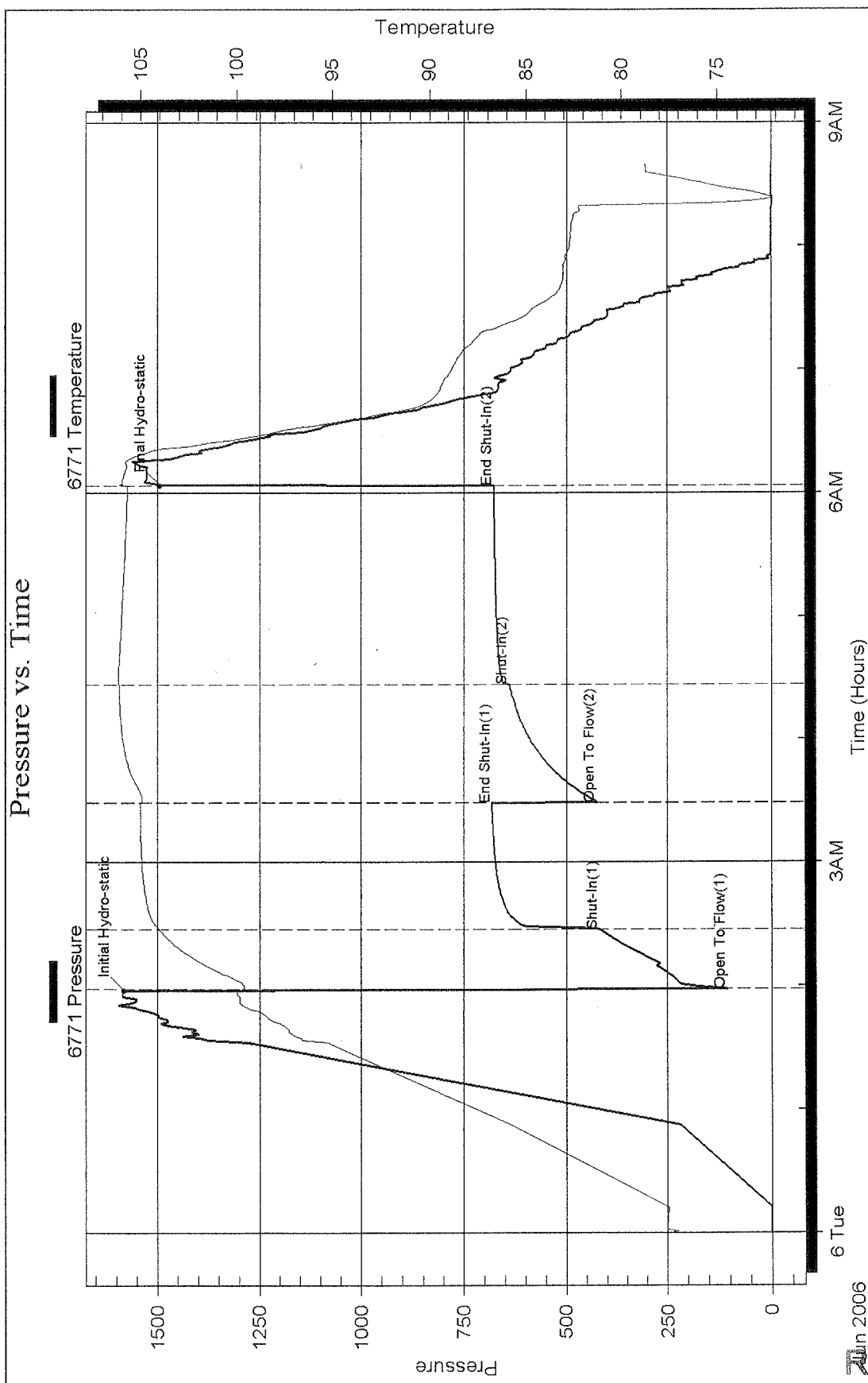
27 20S 13W Barton KS

American Warrior Inc

Inside

Serial #: 6771

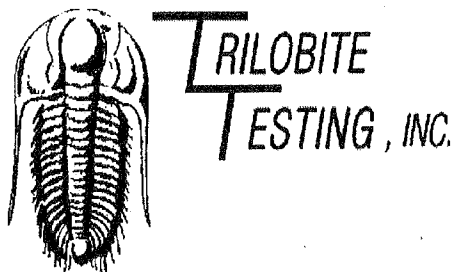
Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

27 20S 13W Barton KS

Engleman#1-27

Start Date: 2006.06.07 @ 20:30:07

End Date: 2006.06.08 @ 03:19:52

Job Ticket #: 24857 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2006.06.14 @ 13:51:16 Page 1
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American Warrior Inc

Engleman#1-27

27 20S 13W Barton KS

DST # 2

Lans. G - H

2006.06.07



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Engleman#1-27

27 20S 13W Barton KS

Job Ticket: 24857

DST#: 2

Test Start: 2006.06.07 @ 20:30:07

GENERAL INFORMATION:

Formation: **Lans. G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:06:52

Time Test Ended: 03:19:52

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3380.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Total Depth: 3420.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1887.00 ft (KB)

1879.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771

Inside

Press@RunDepth: 96.70 psig @ 3381.00 ft (KB)

Start Date: 2006.06.07

End Date:

2006.06.08

Start Time: 20:30:12

End Time:

03:19:51

Capacity: 7000.00 psig

Last Calib.: 2006.06.08

Time On Btm: 2006.06.07 @ 22:06:22

Time Off Btm: 2006.06.08 @ 01:09:06

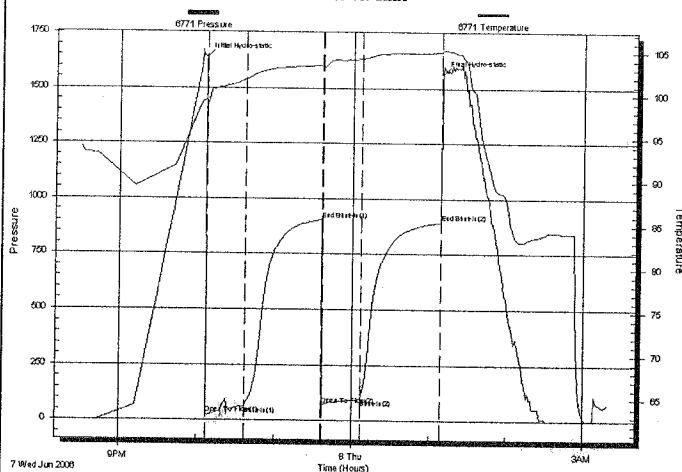
TEST COMMENT: IF Strong blow BOB in 4 1/2 min

ISI Weak blow 1/4 in

FF Strong blow BOB in 6 min

FSI Weak blow 1/2 - 2 in

Pressure vs. Time



PRESSURE SUMMARY

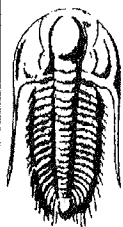
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.72	99.41	Initial Hydro-static
1	26.95	98.94	Open To Flow (1)
31	63.31	101.81	Shut-In(1)
90	903.78	103.41	End Shut-In(1)
91	70.73	103.10	Open To Flow (2)
120	96.70	104.19	Shut-In(2)
183	893.15	104.92	End Shut-In(2)
183	1565.14	105.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 25%G 26%O 49%M	0.84
155.00	GOCM 22%G 23%O 55%M	2.17
0.00	430' 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

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24857

DST#: 2

ATTN: James Dilts

Test Start: 2006.06.07 @ 20:30:07

Tool Information

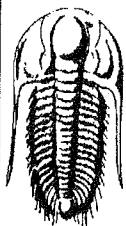
Drill Pipe:	Length: 3381.00 ft	Diameter: 3.80 inches	Volume: 47.43 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 61000.00 lb
			Total Volume: 47.43 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3380.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3361.00	
Shut In Tool	5.00			3366.00	
Hydraulic tool	5.00			3371.00	
Packer	4.00			3375.00	20.00 Bottom Of Top Packer
Packer	5.00			3380.00	
Stubb	1.00			3381.00	
Recorder	0.00	6771	Inside	3381.00	
Perforations	2.00			3383.00	
Change Over Sub	1.00			3384.00	
Blank Spacing	30.00			3414.00	
Change Over Sub	1.00			3415.00	
Recorder	0.00	13222	Outside	3415.00	
Bullnose	5.00			3420.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24857

DST#: 2

ATTN: James Dilts

Test Start: 2006.06.07 @ 20:30:07

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:

6000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 25%G 26%O 49%M	0.842
155.00	GOCM 22%G 23%O 55%M	2.174
0.00	430' GIP	0.000

Total Length: 215.00 ft

Total Volume: 3.016 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

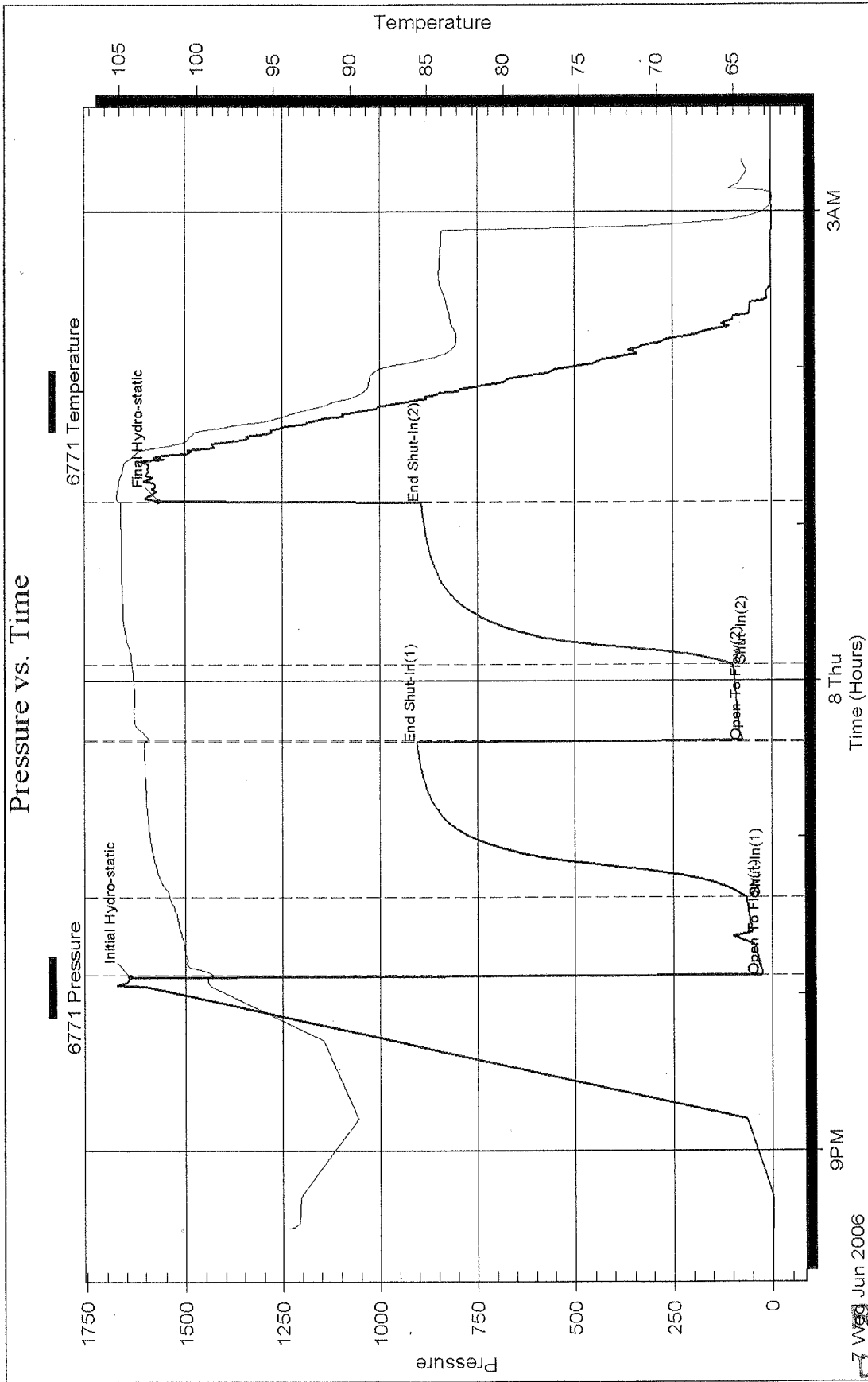
Serial #: 6771

Inside

American Warrior Inc

27 20S 13W Barton KS

DST Test Number: 2



7 W 9 Jun 2006

9PM

8 Thu
Time (Hours)

3AM

Temperature

Pressure

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure

6771 Temperature

1750

1500

1250

1000

750

500

250

0

105

100

95

90

85

80

75

70

65

Pressure vs. Time

Pressure

Temperature

Initial Hydro-static

End Shut-In(1)

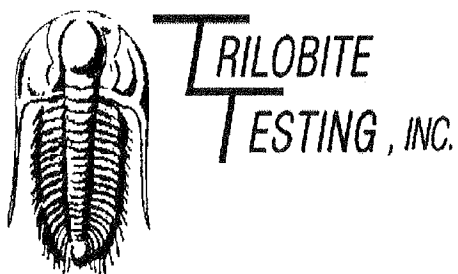
Open To Flow(1)

End Shut-In(2)

Open To Flow(2)

Final Hydro-static

6771 Pressure



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: James Dilts

27 20S 13W Barton KS

Engleman#1-27

Start Date: 2006.06.08 @ 12:39:06

End Date: 2006.06.08 @ 20:05:06

Job Ticket #: 24858 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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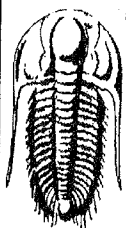
Engleman#1-27

27 20S 13W Barton KS

DST # 3

Lans I,J,K

2006.06.08



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City KS 67846

ATTN: James Dilts

Engleman#1-27

27 20S 13W Barton KS

Job Ticket: 24858

DST#: 3

Test Start: 2006.06.08 @ 12:39:06

GENERAL INFORMATION:

Formation: **Lans I,J,K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:06

Time Test Ended: 20:05:06

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **3418.00 ft (KB) To 3480.00 ft (KB) (TVD)**

Total Depth: 3480.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1887.00 ft (KB)

1879.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6771

Inside

Press@RunDepth: 37.39 psig @ 3419.00 ft (KB)

Start Date: 2006.06.08

End Date:

2006.06.08

Start Time: 12:39:11

End Time:

20:05:05

Capacity: 7000.00 psig

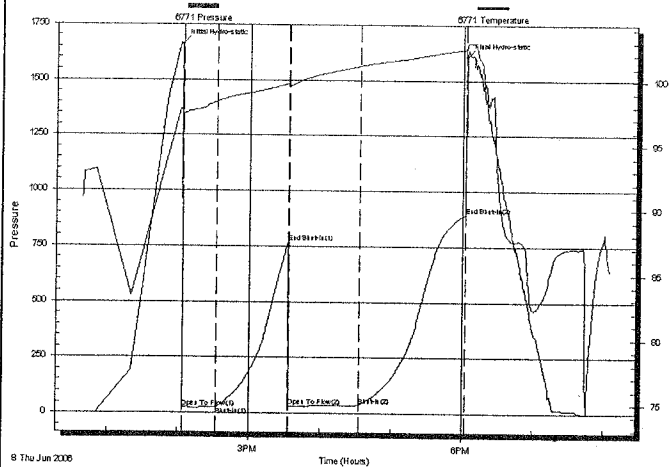
Last Calib.: 2006.06.08

Time On Btm: 2006.06.08 @ 14:03:36

Time Off Btm: 2006.06.08 @ 18:02:50

TEST COMMENT: IF Weak to fair blow Slow increase to 8 in
ISI No blow
FF Strong blow BOB in 1 min
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

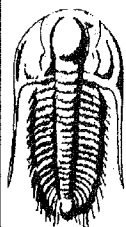
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1661.41	97.91	Initial Hydro-static
1	23.96	97.50	Open To Flow (1)
29	26.04	98.44	Shut-In(1)
89	767.79	99.82	End Shut-In(1)
90	31.49	99.63	Open To Flow (2)
150	37.39	101.20	Shut-In(2)
239	892.09	102.51	End Shut-In(2)
240	1605.74	102.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
38.00	HOCM 48%O 52%M	0.53
2.00	Clean Oil	0.03
0.00	816' 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

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24858

DST#: 3

ATTN: James Dilts

Test Start: 2006.06.08 @ 12:39:06

Tool Information

Drill Pipe:	Length: 3409.00 ft	Diameter: 3.80 inches	Volume: 47.82 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: 78000.00 lb
			Total Volume: 47.82 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3418.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 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
Change Over Sub	1.00			3399.00	
Shut In Tool	5.00			3404.00	
Hydraulic tool	5.00			3409.00	
Packer	4.00			3413.00	20.00 Bottom Of Top Packer
Packer	5.00			3418.00	
Stubb	1.00			3419.00	
Recorder	0.00	6771	Inside	3419.00	
Perforations	23.00			3442.00	
Change Over Sub	1.00			3443.00	
Blank Spacing	31.00			3474.00	
Change Over Sub	1.00			3475.00	
Recorder	0.00	13222	Outside	3475.00	
Bullnose	5.00			3480.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

Engleman#1-27

PO Box 399
Garden City KS 67846

27 20S 13W Barton KS

Job Ticket: 24858

DST#: 3

ATTN: James Dilts

Test Start: 2006.06.08 @ 12:39:06

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:

10000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
38.00	HOCM 48%O 52%M	0.533
2.00	Clean Oil	0.028
0.00	816' GIP	0.000

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: one

Laboratory Name:

Laboratory Location:

Recovery Comments:

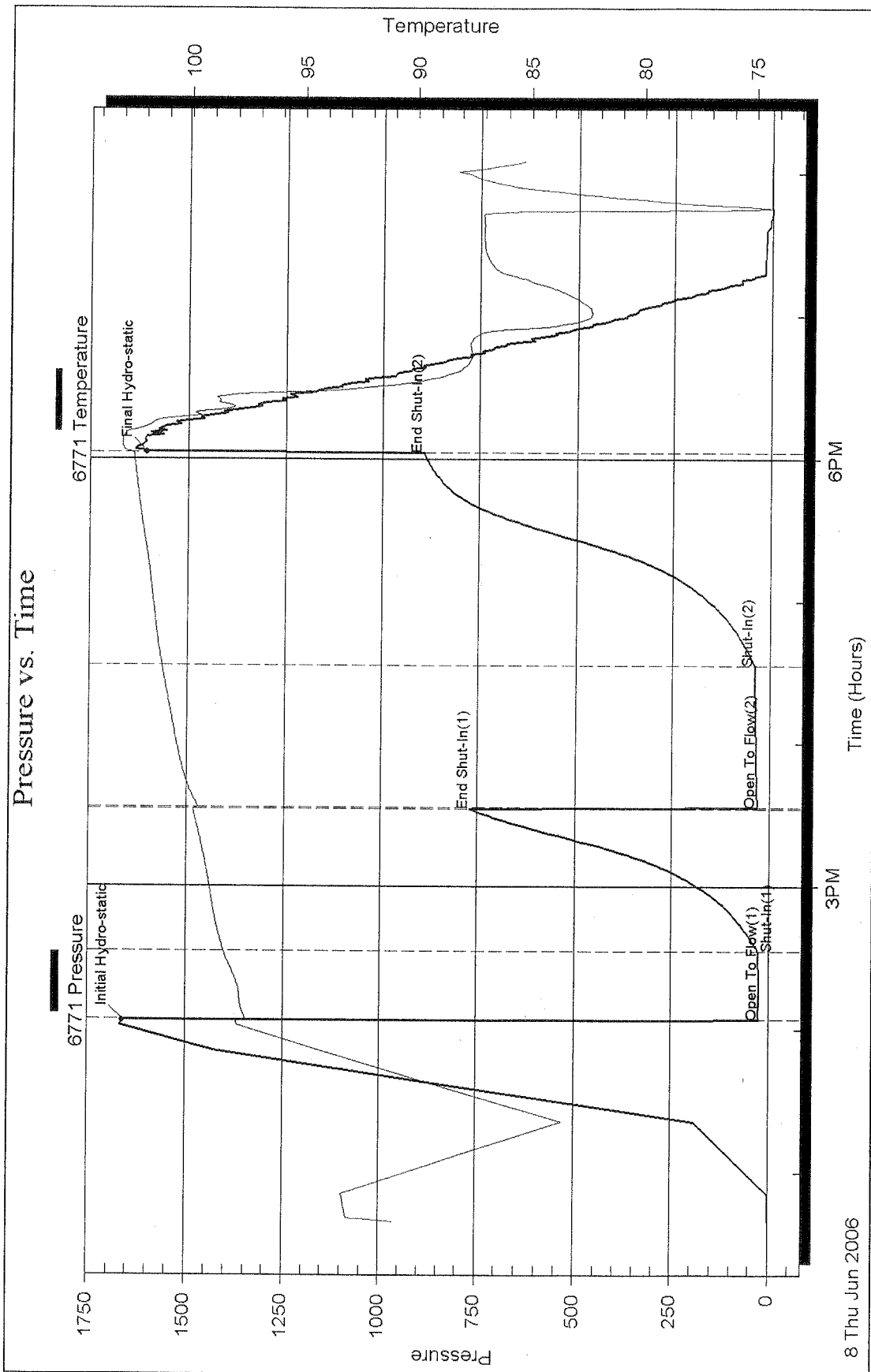
Serial #: 6771

Inside

American Warrior Inc

27 20S 13W Barton KS

DST Test Number: 3



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Flow Testing, Inc

Ref. No: 24858

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