DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Stieben #2-10

10-19s-21w/Ness

Job Ticket: 37222 **DST#: 1**

Test Start: 2010.03.17 @ 17:00:32

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:58:01
Time Test Ended: 22:36:31

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: 4258.00 ft (KB) To 4266.00 ft (KB) (TVD)
Total Depth: 4266.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

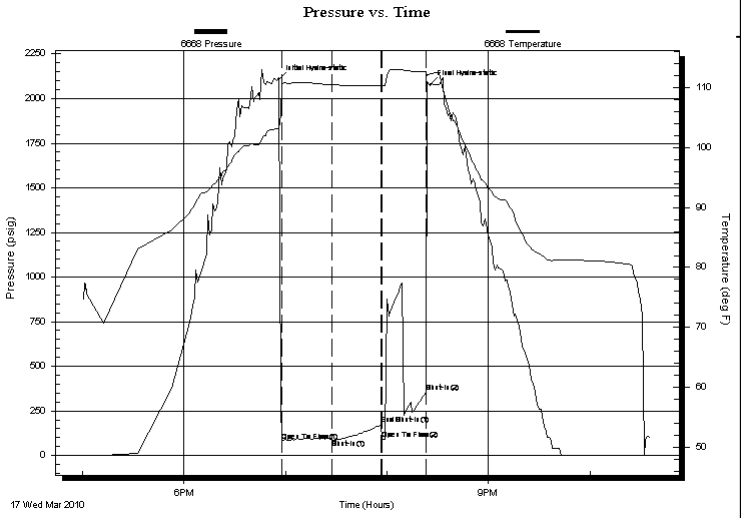
Reference Elevations: 2209.00 ft (KB)
2203.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 92.90 psig @ 4259.00 ft (KB)
Start Date: 2010.03.17 End Date: 2010.03.17
Start Time: 17:00:32 End Time: 22:36:31

Capacity: 8000.00 psig
Last Calib.: 2010.03.17
Time On Btm: 2010.03.17 @ 18:56:01
Time Off Btm: 2010.03.17 @ 20:25:31

TEST COMMENT: IFP-Strong blow built to 6" in 1 min died to 2"
ISI-no blow back
FFP-no blow - flushed tool - Weak 1/2" blow died in 20 min - pulled test
FSI-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.49	103.21	Initial Hydro-static
2	77.98	110.54	Open To Flow (1)
32	92.90	110.50	Shut-In(1)
61	172.23	110.41	End Shut-In(1)
61	89.42	110.41	Open To Flow (2)
87	352.13	112.67	Shut-In(2)
90	2076.00	112.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w / scum of oil	0.10
120.00	Mud	0.78

Gas Rates

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

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FLUID SUMMARY

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10-19s-21w/Ness

Job Ticket: 37222 **DST#: 1**

Test Start: 2010.03.17 @ 17:00:32

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6500.00 ppm				
Filter Cake:	inches				

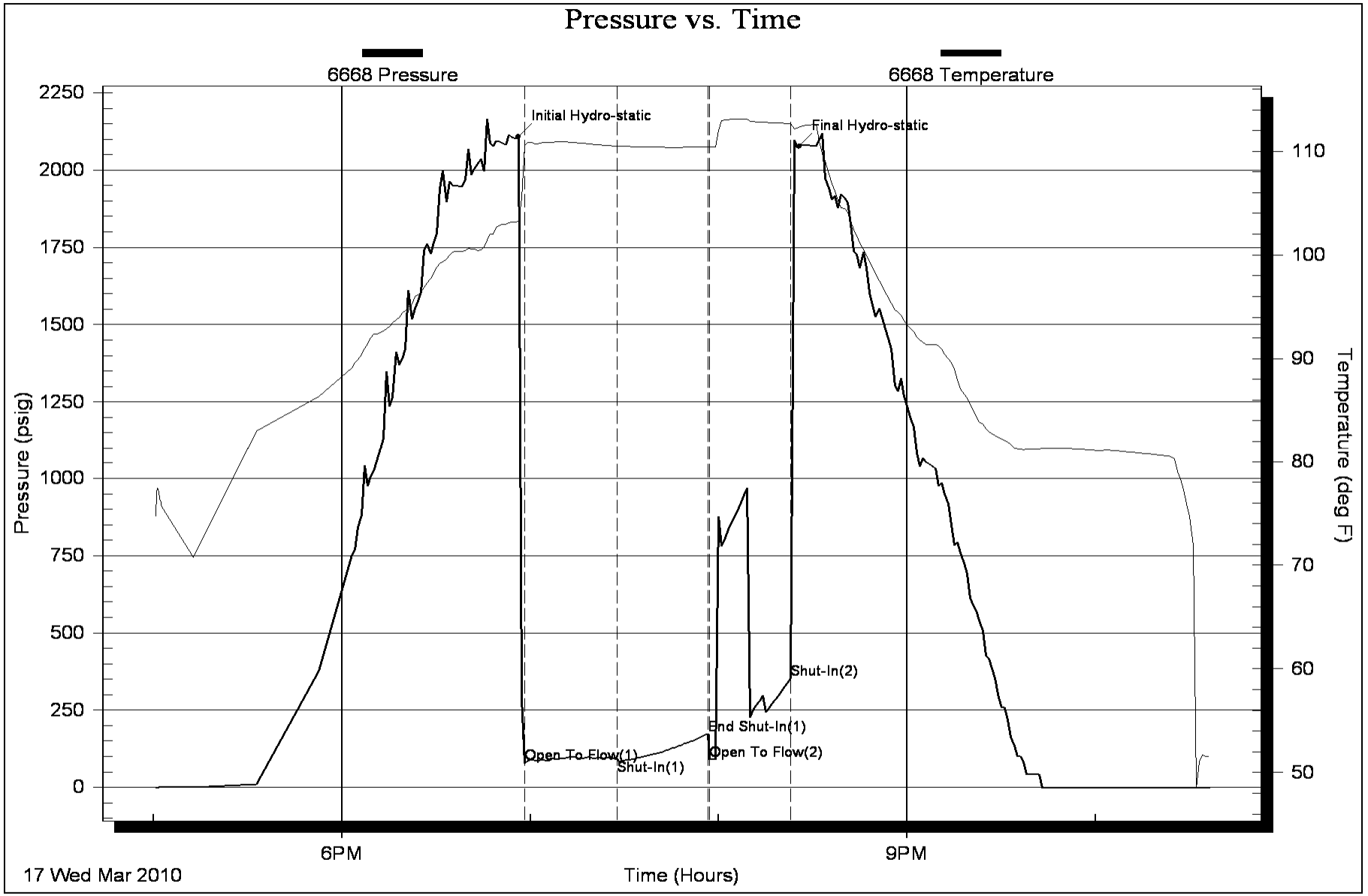
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w / scum of oil	0.098
120.00	Mud	0.775

Total Length: 140.00 ft Total Volume: 0.873 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
Shut-In(2)
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
6PM
9PM
17 Wed Mar 2010
Time (Hours)

DRILL STEM TEST REPORT

American Warrior

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Stieben #2-10

10-19s-21w/Ness

Job Ticket: 37223 **DST#: 2**

Test Start: 2010.03.18 @ 06:31:09

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:44:09
Time Test Ended: 13:31:39

Test Type: Conventional Bottom Hole
Tester: Tyson Flax
Unit No: 44

Interval: 4259.00 ft (KB) To 4268.00 ft (KB) (TVD)
Total Depth: 4268.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

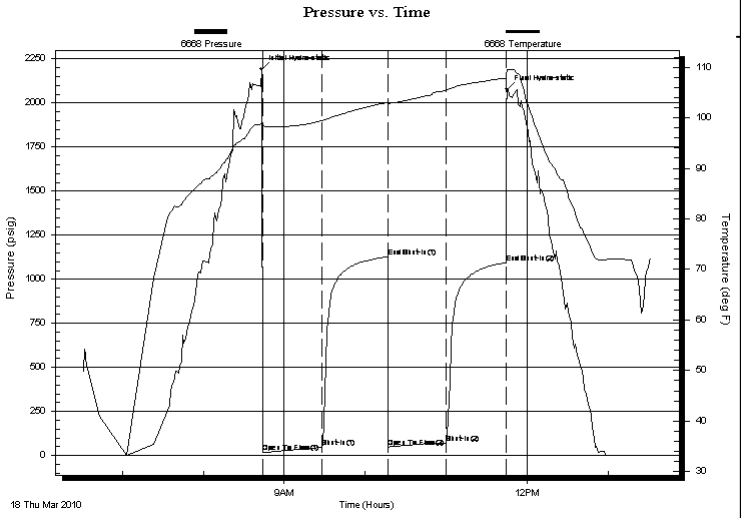
Reference Elevations: 2209.00 ft (KB)
2203.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 70.46 psig @ 4260.00 ft (KB)
Start Date: 2010.03.18 End Date: 2010.03.18
Start Time: 06:31:10 End Time: 13:31:39

Capacity: 8000.00 psig
Last Calib.: 2010.03.18
Time On Btm: 2010.03.18 @ 08:43:09
Time Off Btm: 2010.03.18 @ 11:45:09

TEST COMMENT: IFP-Weak surface blow built to 2"
ISI-w eak intermittent blow back throughout
FFP-w eak surface blow built to 2"
FSI-Weak intermittent blow back throughout



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2190.96	98.96	Initial Hydro-static
1	16.30	98.45	Open To Flow (1)
45	45.64	99.42	Shut-In(1)
94	1127.52	103.06	End Shut-In(1)
94	48.51	102.85	Open To Flow (2)
137	70.46	105.40	Shut-In(2)
181	1094.48	107.85	End Shut-In(2)
182	2077.99	109.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 80%W,20%M	0.30
60.00	OCM 10%o,90%m	0.30
10.00	CO	0.14

Gas Rates

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

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Job Ticket: 37223 **DST#: 2**

Test Start: 2010.03.18 @ 06:31:09

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	40 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	14000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6500.00 ppm				
Filter Cake:	inches				

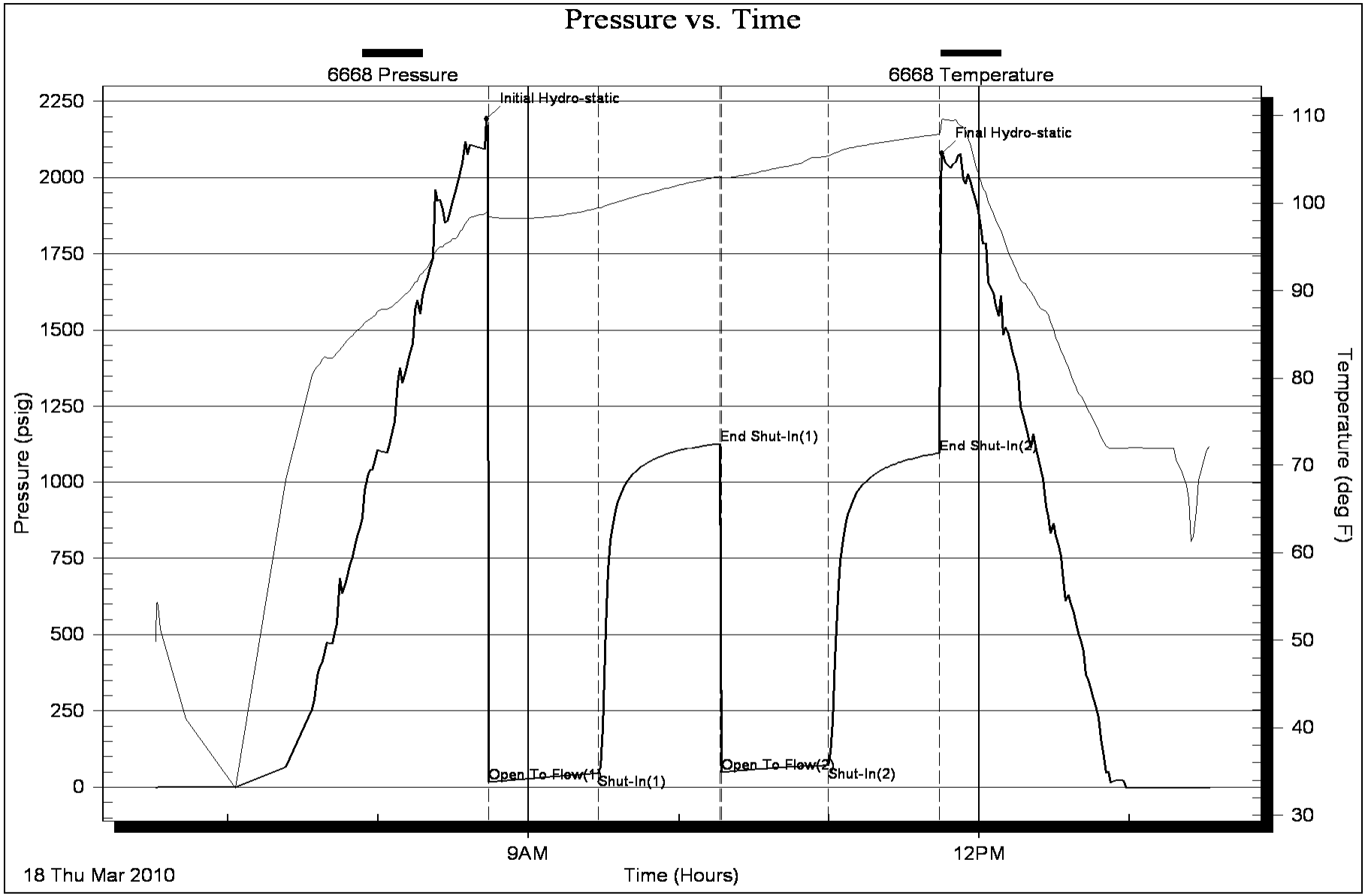
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 80%W,20%M	0.295
60.00	OCM 10%o,90%m	0.295
10.00	CO	0.142

Total Length: 130.00 ft Total Volume: 0.732 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6668 Pressure
6668 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
50
40
30
9AM
12PM
18 Thu Mar 2010
Time (Hours)