



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City, KS 67846

ATTN: Jason Alm

Schniepp #1-31 NE

31-18s-21w-Ness

Job Ticket: 37120

DST#: 1

Test Start: 2010.02.04 @ 04:57:36

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:15:06

Time Test Ended: 12:41:36

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 4110.00 ft (KB) To 4149.00 ft (KB) (TVD)

Total Depth: 4149.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2131.00 ft (KB)

2123.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755 Inside

Press@RunDepth: 24.48 psig @ 4113.00 ft (KB)

Start Date: 2010.02.04

End Date:

2010.02.04

Start Time: 04:57:38

End Time:

12:41:36

Capacity: 8000.00 psig

Last Calib.: 2010.02.04

Time On Btm: 2010.02.04 @ 07:14:36

Time Off Btm: 2010.02.04 @ 10:47:36

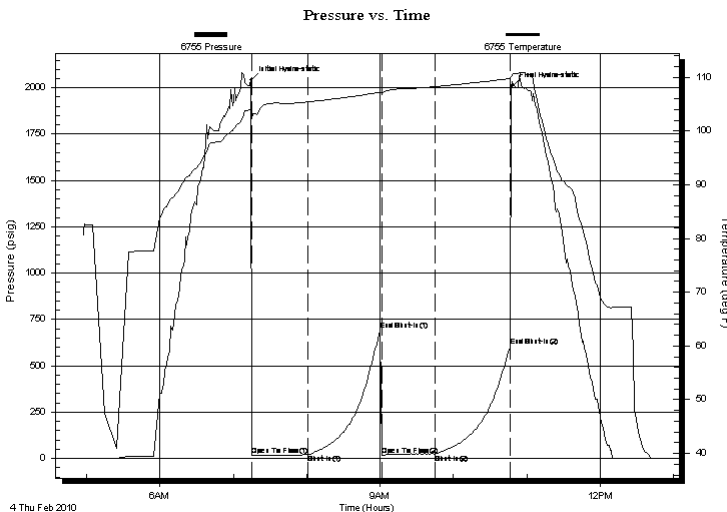
TEST COMMENT: IFP-Fair Blow ,Built to 7-1/2"

ISI-Dead

FFP-Good Blow ,BOB in 37 Min.

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.21	103.85	Initial Hydro-static
1	15.08	102.35	Open To Flow (1)
46	19.37	105.42	Shut-In(1)
106	691.27	107.22	End Shut-In(1)
107	17.68	106.98	Open To Flow (2)
151	24.48	108.25	Shut-In(2)
212	605.64	109.78	End Shut-In(2)
213	2006.89	110.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Gassy OCM-5%G-25%O-70%M	0.42
0.00	180' Gas In Pipe	0.00

Gas Rates

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

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Schniepp #1-31 NE

PO Box 399
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31-18s-21w-Ness

Job Ticket: 37120

DST#: 1

ATTN: Jason Alm

Test Start: 2010.02.04 @ 04:57:36

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 4200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Gassy OCM-5%G-25%O-70%M	0.421
0.00	180' Gas In Pipe	0.000

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

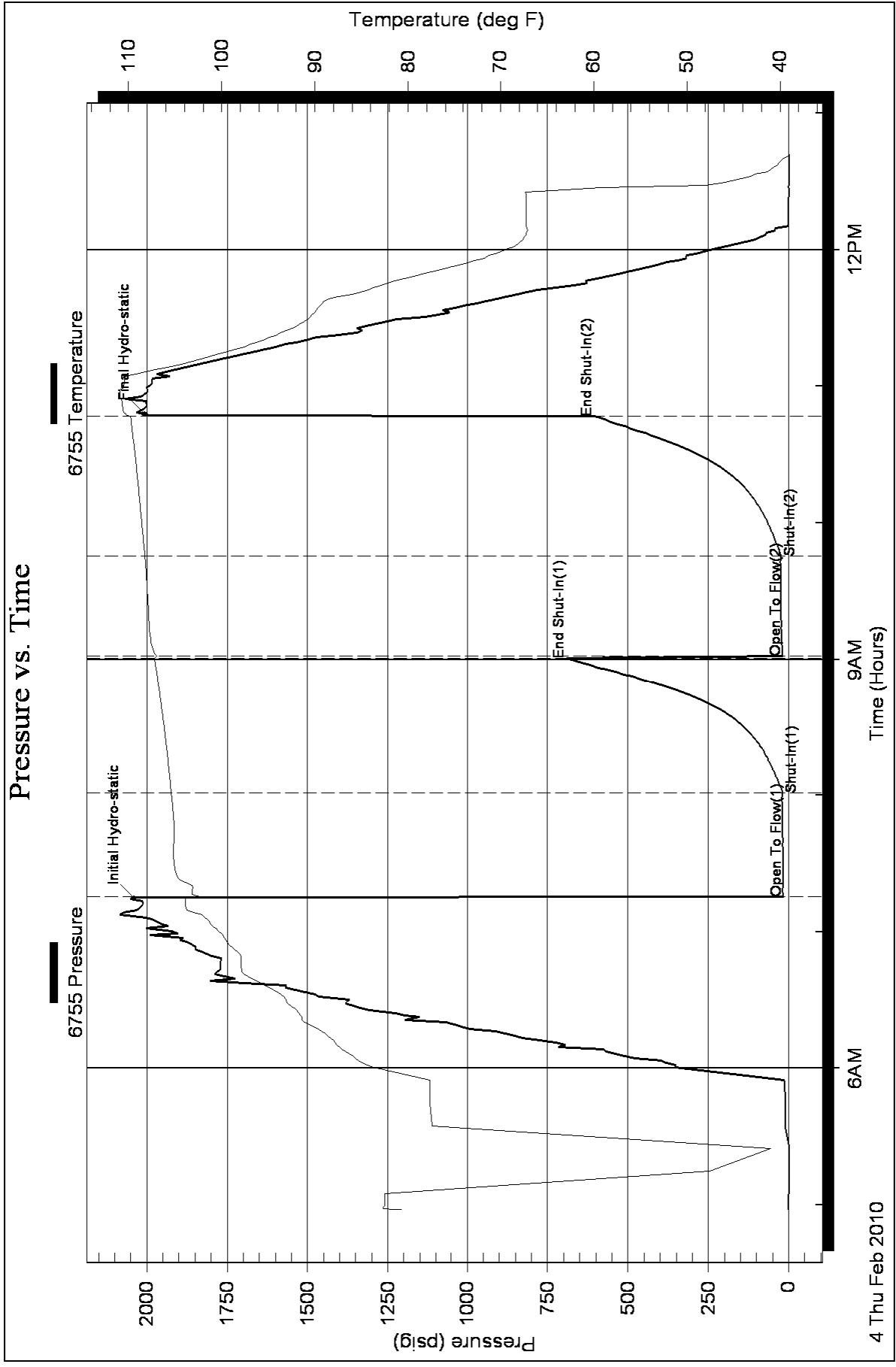
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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ATTN: Jason Alm

Schniepp #1-31 NE

31-18s-21w-Ness

Job Ticket: 38033

DST#: 2

Test Start: 2010.02.04 @ 18:41:38

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:37:08

Time Test Ended: 02:03:38

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 32

Interval: 4142.00 ft (KB) To 4170.00 ft (KB) (TVD)

Total Depth: 4170.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2131.00 ft (KB)

2123.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755 Inside

Press@RunDepth: 91.41 psig @ 4147.00 ft (KB)

Start Date: 2010.02.04

End Date:

2010.02.05

Start Time: 18:41:40

End Time:

02:03:38

Capacity: 8000.00 psig

Last Calib.: 2010.02.05

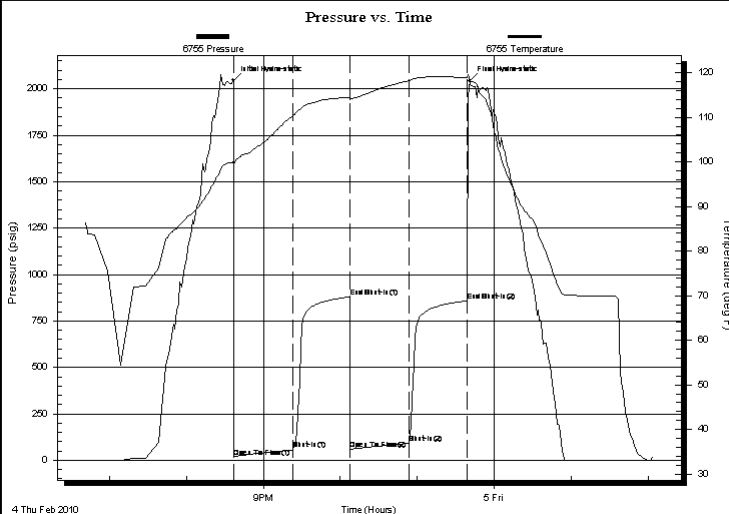
Time On Btm: 2010.02.04 @ 20:36:38

Time Off Btm: 2010.02.04 @ 23:40:38

TEST COMMENT: IFP-Fair blow built to 9' in
ISI-DEAD
FFP-Good blow, BOB in 38 min
FSI-DEAD

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.48	100.44	Initial Hydro-static
1	18.50	99.39	Open To Flow (1)
47	59.72	110.48	Shut-In(1)
91	879.18	114.45	End Shut-In(1)
91	61.26	114.06	Open To Flow (2)
137	91.41	118.17	Shut-In(2)
182	858.45	118.91	End Shut-In(2)
184	2042.83	118.46	Final Hydro-static



Recovery

Length (ft)	Description	Volume (bbl)
7.00	Clean oil	0.10
153.00	WM62%W38%M	2.15
0.00	64' GIP	0.00

Gas Rates

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

FLUID SUMMARY

American Warrior, Inc.

Schniepp #1-31 NE

PO Box 399
Garden City, KS 67846

31-18s-21w-Ness

Job Ticket: 38033

DST#: 2

ATTN: Jason Alm

Test Start: 2010.02.04 @ 18:41:38

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

38 deg API

18000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	Clean oil	0.098
153.00	WM62%W38%M	2.146
0.00	64' GIP	0.000

Total Length: 160.00 ft

Total Volume: 2.244 bbl

Num Fluid Samples: 0

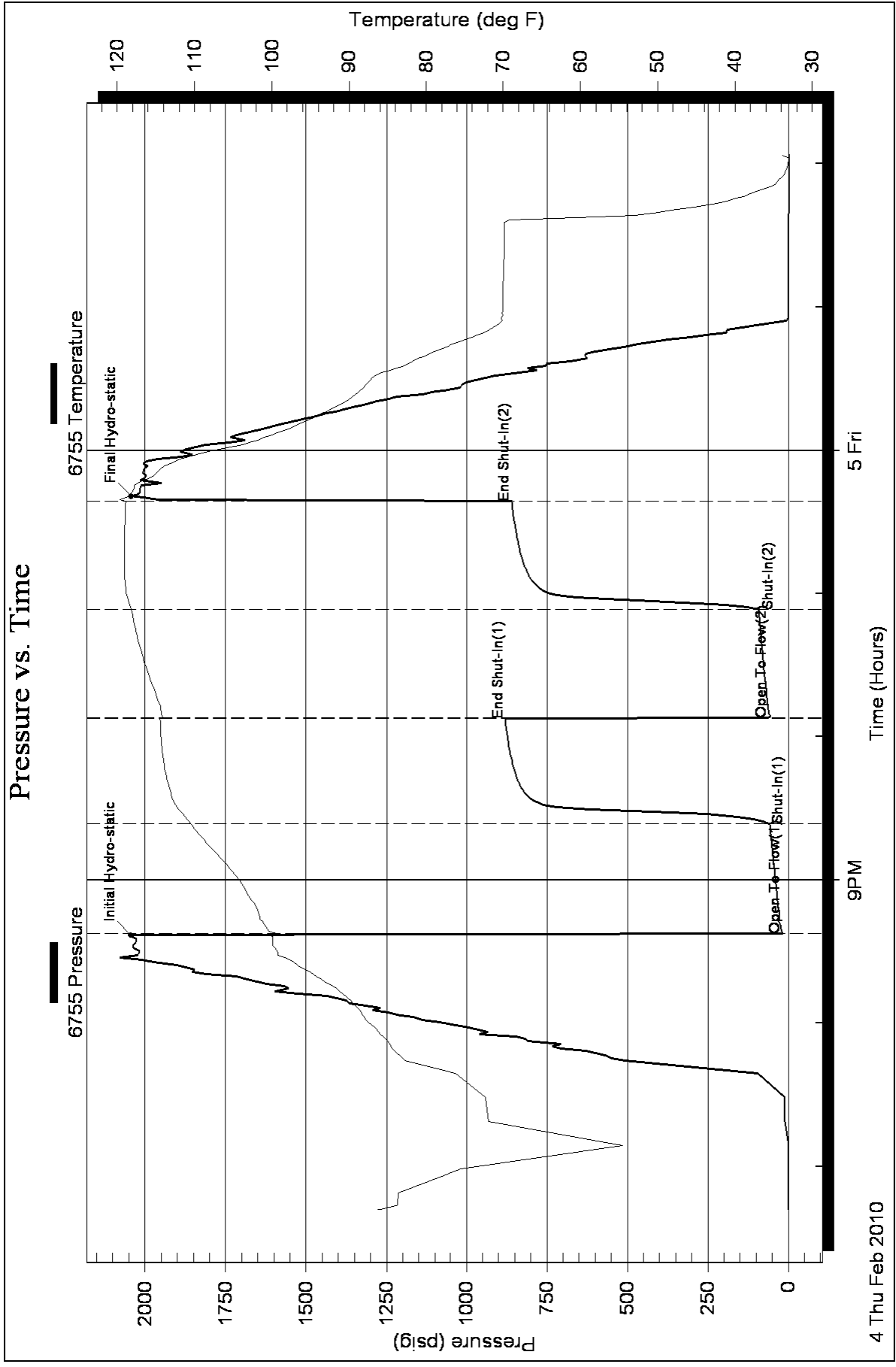
Num Gas Bombs: 0

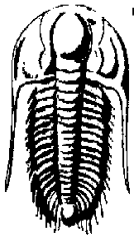
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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ATTN: Jason Alm

Schniepp #1-31 NE

31-18s-21w-Ness

Job Ticket: 38034

DST#: 3

Test Start: 2010.02.05 @ 11:04:49

GENERAL INFORMATION:

Formation: **miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:46:19

Time Test Ended: 18:47:19

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 32

Interval: 4235.00 ft (KB) To 4243.00 ft (KB) (TVD)

Total Depth: 4243.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2131.00 ft (KB)

2123.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8360 Outside

Press@RunDepth: 130.94 psig @ 4240.00 ft (KB)

Start Date: 2010.02.05

End Date:

2010.02.05

Start Time: 11:04:51

End Time:

18:47:19

Capacity: 8000.00 psig

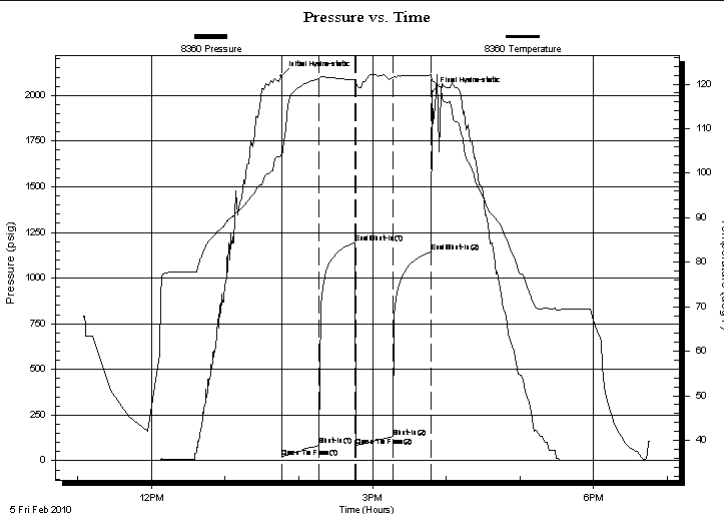
Last Calib.: 2010.02.05

Time On Btm: 2010.02.05 @ 13:45:49

Time Off Btm: 2010.02.05 @ 15:48:49

TEST COMMENT: IFP-BOB in 17 min
ISI-Weak blow back built to 1/8 in
FFP-BOB in 25 min
FSI- Weak blow back built to 1/4 in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.39	104.31	Initial Hydro-static
1	20.14	103.61	Open To Flow (1)
31	82.42	121.27	Shut-In(1)
60	1192.86	120.93	End Shut-In(1)
61	80.44	120.41	Open To Flow (2)
91	130.94	121.40	Shut-In(2)
122	1143.86	122.04	End Shut-In(2)
123	2019.08	120.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
24.00	Cean oil	0.34
244.00	SOCWM5%O20%M75%W	3.42
0.00	77'GIP	0.00

Gas Rates

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