



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Company

Snyder-Brooks #1 OWWO

125 N. Market, Ste. 1000
Wichita, Kansas 67202

14-35s-14w Barber Co

Job Ticket: 36945

DST#: 1

ATTN: Bill Klaver

Test Start: 2010.09.04 @ 01:27:10

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:10

Time Test Ended: 10:45:40

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: 4954.00 ft (KB) To 4985.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 4985.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 66.46 psig @ 4955.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.04

End Date:

2010.09.04

Last Calib.:

2010.09.04

Start Time:

01:27:11

End Time:

10:45:40

Time On Btm:

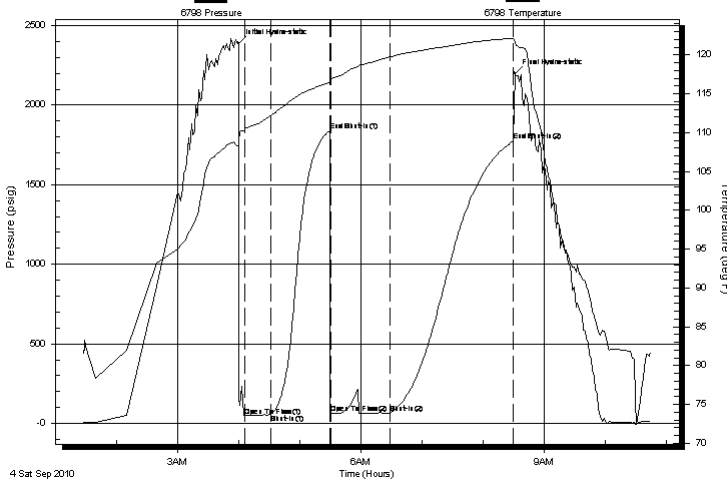
2010.09.04 @ 03:59:10

Time Off Btm:

2010.09.04 @ 08:31:10

TEST COMMENT: IF: Fair blow . Built to 6 1/2".
IS: Very weak surface blow . Dead in 12 mins.
FF: Fair blow . Built to 7".
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2389.05	108.34	Initial Hydro-static
6	47.82	110.43	Open To Flow (1)
32	56.90	112.11	Shut-In(1)
90	1841.26	116.45	End Shut-In(1)
91	61.68	116.90	Open To Flow (2)
150	66.46	119.76	Shut-In(2)
271	1773.84	122.14	End Shut-In(2)
272	2200.64	121.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Drilling Mud w/oil specs 100%m	0.32

Gas Rates

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



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14-35s-14w Barber Co

Job Ticket: 36945

DST#: 1

ATTN: Bill Klaver

Test Start: 2010.09.04 @ 01:27:10

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drilling Mud w /oil specs 100%m	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

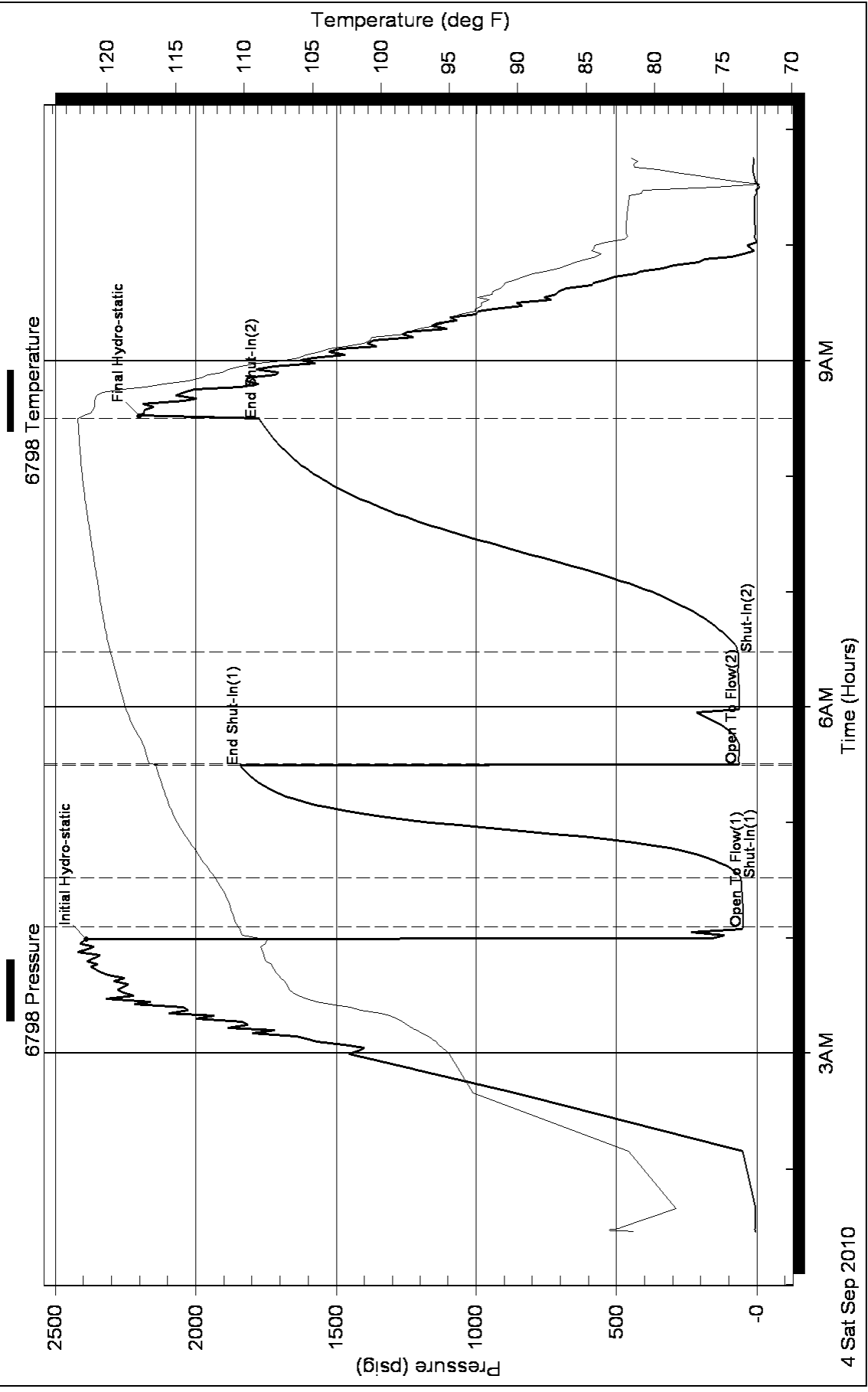
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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125 N. Market, Ste. 1000
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ATTN: Bill Klaver

Job Ticket: 36946

DST#: 2

Test Start: 2010.09.05 @ 02:50:29

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:11:29

Time Test Ended: 12:38:29

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: 4986.00 ft (KB) To 5100.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 5100.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 51.93 psig @ 4992.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.05

End Date: 2010.09.05

Last Calib.: 2010.09.05

Start Time: 02:50:30

End Time: 12:38:29

Time On Btm: 2010.09.05 @ 05:09:29

Time Off Btm: 2010.09.05 @ 09:56:59

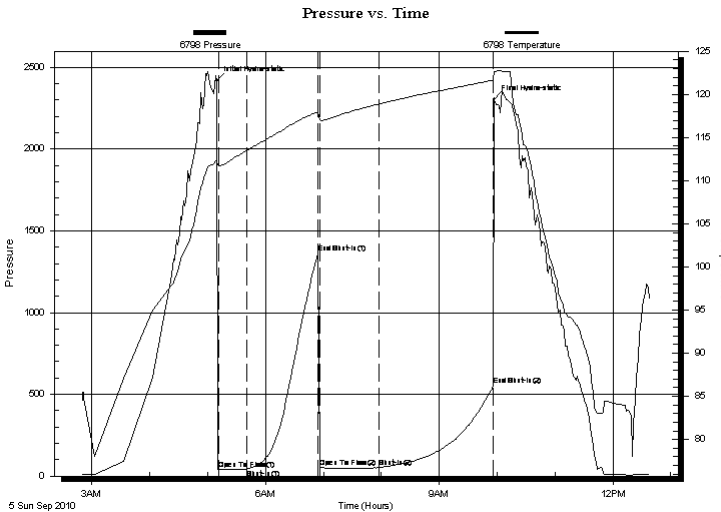
TEST COMMENT: IF: Weak blow . Built to 3/4", decreased to 1/4".

IS: No blow .

FF: No blow .

FS: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2419.13	112.37	Initial Hydro-static
2	40.26	111.76	Open To Flow (1)
31	43.49	113.50	Shut-In(1)
105	1363.55	118.00	End Shut-In(1)
107	52.22	117.04	Open To Flow (2)
168	51.93	118.88	Shut-In(2)
287	555.49	121.66	End Shut-In(2)
288	2305.17	122.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud 100% m	0.07

Gas Rates

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



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125 N. Market, Ste. 1000
Wichita, Kansas 67202

14-35s-14w Barber Co

Job Ticket: 36946

DST#: 2

ATTN: Bill Klaver

Test Start: 2010.09.05 @ 02:50:29

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 15000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

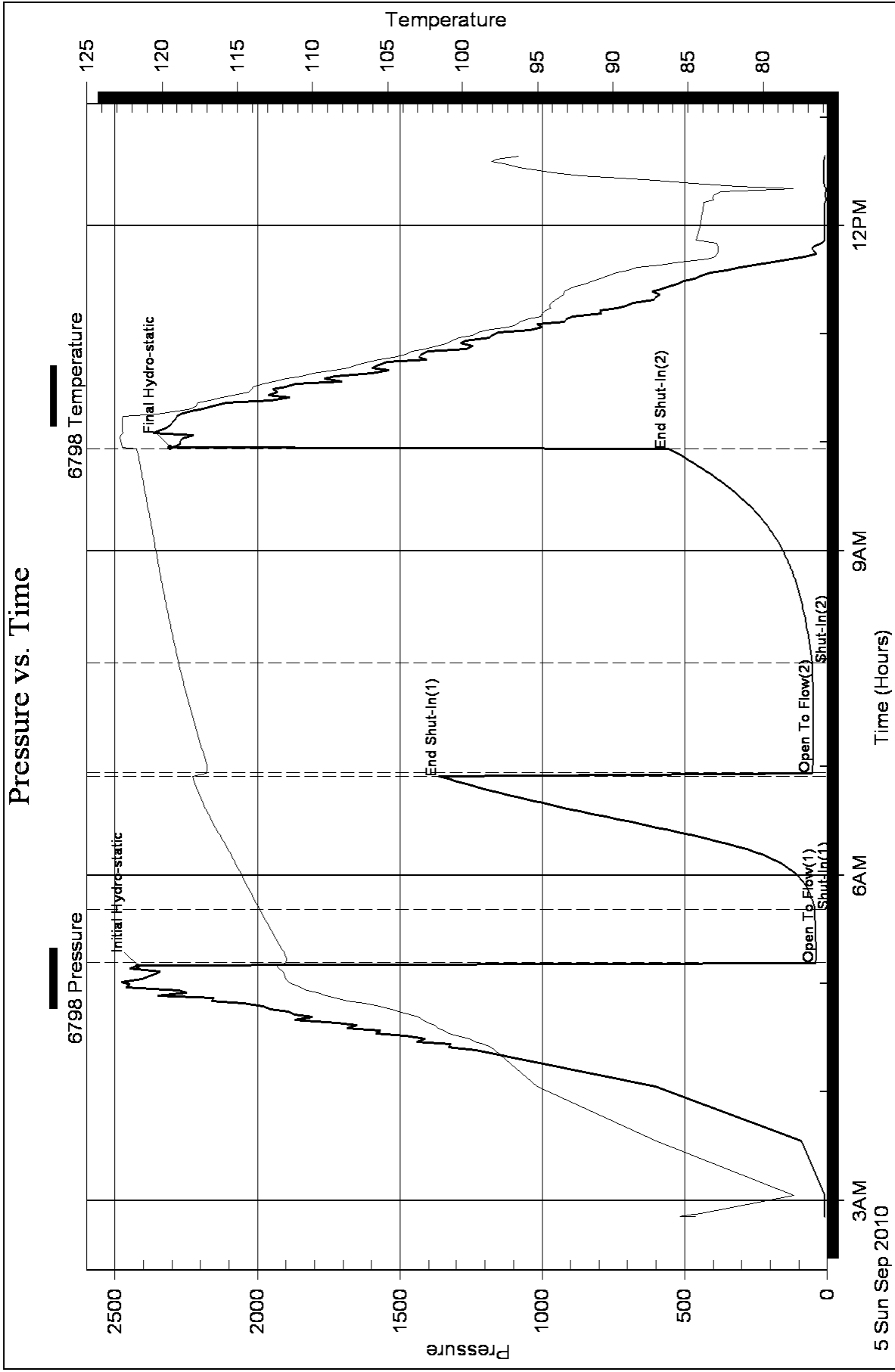
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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14-35s-14w Barber Co

Job Ticket: 36947

DST#: 3

ATTN: Bill Klaver

Test Start: 2010.09.06 @ 12:37:31

GENERAL INFORMATION:

Formation: **Misener Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:00:31

Time Test Ended: 22:15:31

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: 5221.00 ft (KB) To 5321.00 ft (KB) (TVD)

Reference Elevations: 1528.00 ft (KB)

Total Depth: 5321.00 ft (KB) (TVD)

1520.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press @ Run Depth: 37.63 psig @ 5228.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.06

End Date:

2010.09.06

Last Calib.:

2010.09.06

Start Time:

12:37:32

End Time:

22:15:31

Time On Btm:

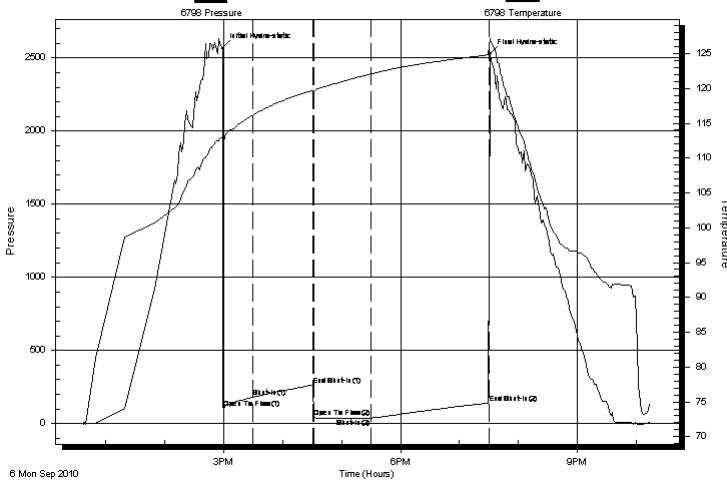
2010.09.06 @ 14:59:01

Time Off Btm:

2010.09.06 @ 19:31:31

TEST COMMENT: IF: Weak blow . Built to 3". Dead in 24 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 20 secs. Decreased to 6".
FS: No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2570.27	113.07	Initial Hydro-static
2	103.00	112.50	Open To Flow (1)
31	180.55	116.18	Shut-In(1)
92	264.24	119.73	End Shut-In(1)
93	40.83	119.51	Open To Flow (2)
151	37.63	122.07	Shut-In(2)
271	141.40	124.83	End Shut-In(2)
273	2527.73	126.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	SGCM 5%g 95%m	0.20
0.00	210' GIP	0.00

Gas Rates

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



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DST#: 3

ATTN: Bill Klaver

Test Start: 2010.09.06 @ 12:37:31

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 14.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 17000.00 ppm

Filter Cake: 0.21 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
40.00	SGCM 5%g 95%m	0.197
0.00	210' GIP	0.000

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

