



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI, Inc.
1310 Bison Rd.
Hays, Ks 67601
ATTN: Herb Deines

15/15S/19W-Ellis
Charlotte #1
Job Ticket: 45261 **DST#: 1**
Test Start: 2011.10.12 @ 11:22:15

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:	9500 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.19 in ³	Gas Cushion Type:		
Resistivity: 0.73 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

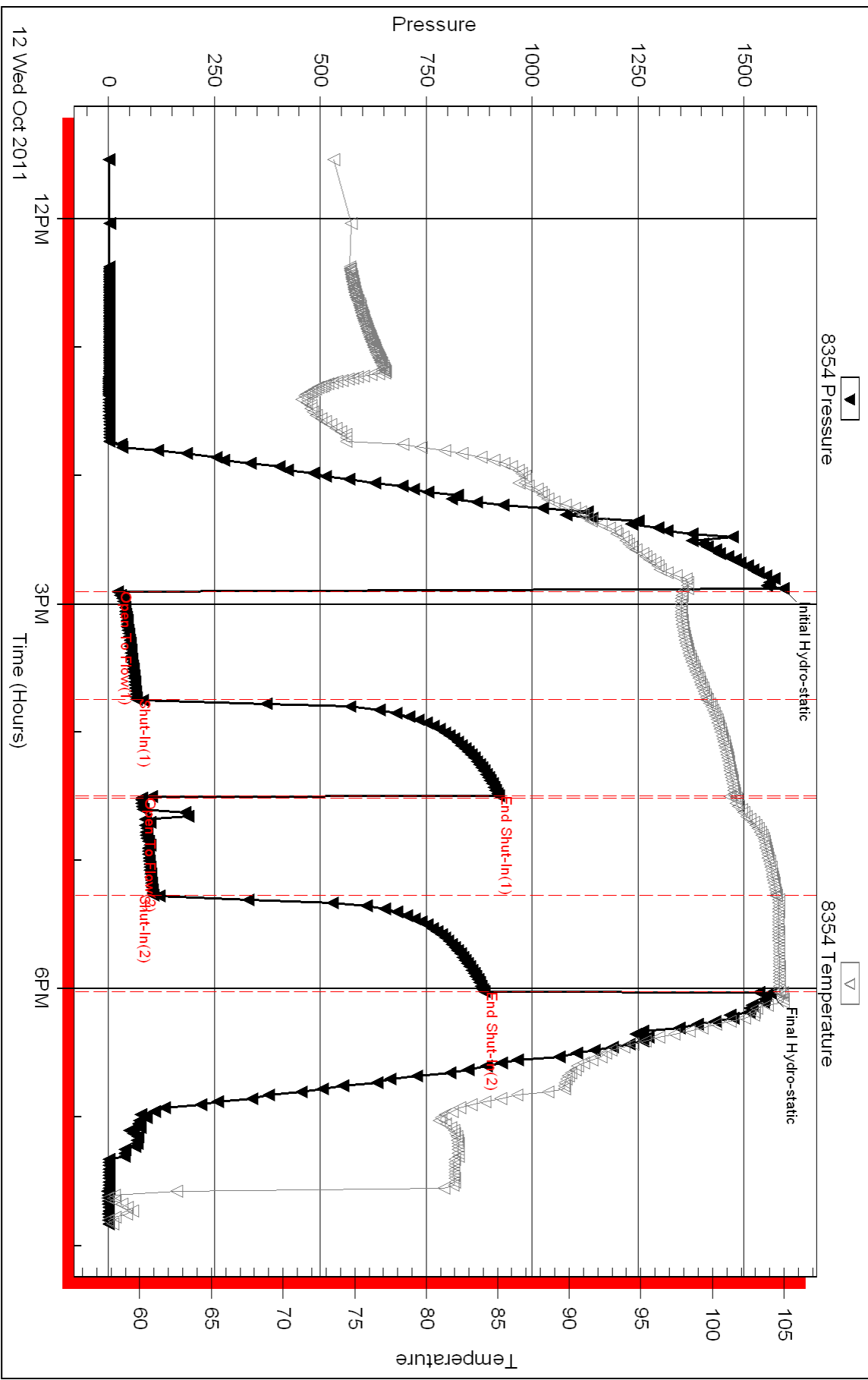
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	80%Water/20%Mud	0.559
120.00	60%Water/40%Mud	1.683

Total Length: 180.00 ft Total Volume: 2.242 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI, Inc.
1310 Bison Rd.
Hays, Ks 67601
ATTN: Herb Deines

15/15S/19W-Ellis
Charlotte #1
Job Ticket: 45262 **DST#: 2**
Test Start: 2011.10.13 @ 00:55:15

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:	5500 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.20 in ³	Gas Cushion Type:		
Resistivity: 0.19 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	85%Water/15%Mud	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

