



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Herman L.Loeb LLC
 P.O.Box 838
 Lawrenceville IL.62437
 ATTN: Tom Pronold

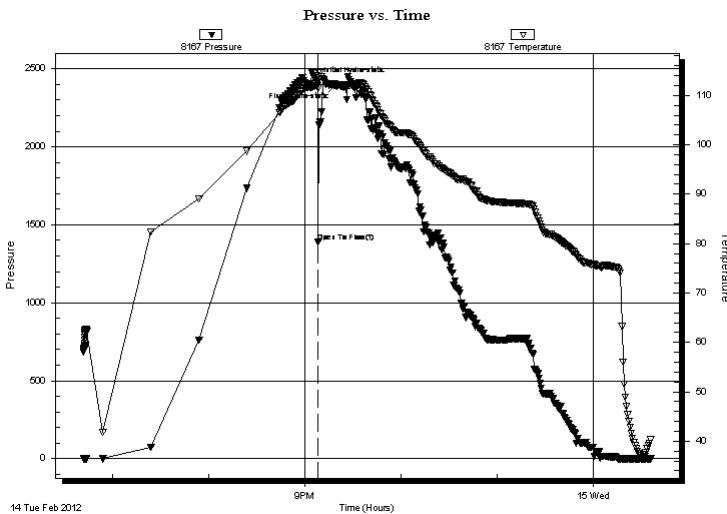
21-27s-20w Kiowa Ks.
C. Einsele #3-21
 Job Ticket: 45735 **DST#: 1**
 Test Start: 2012.02.14 @ 18:41:41

GENERAL INFORMATION:

Formation: **Spergen**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 21:08:11 Tester: Gary Pevoteaux
 Time Test Ended: 00:36:11 Unit No: 56
 Interval: **4859.00 ft (KB) To 4880.00 ft (KB) (TVD)** Reference Elevations: 2306.00 ft (KB)
 Total Depth: 4880.00 ft (KB) (TVD) 2295.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 11.00 ft

Serial #: 8167 Inside
 Press @ Run Depth: psig @ 4860.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.02.14 End Date: 2012.02.15 Last Calib.: 2012.02.15
 Start Time: 18:41:42 End Time: 00:36:11 Time On Btm: 2012.02.14 @ 21:07:11
 Time Off Btm: 2012.02.14 @ 21:19:26

TEST COMMENT: IF: Strong blow. Packers failed. Slid tool 3 - 4 ft.
 Lost alot of mud down n backside. MISRUN!



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2416.56	111.95	Initial Hydro-static
1	1390.70	111.47	Open To Flow (1)
13	2395.57	112.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
490.00	Drig.mud	4.90

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Herman L.Loeb LLC
P.O.Box 838
Lawrenceville IL62437
ATTN: Tom Pronold

21-27s-20w Kiowa Ks.
C. Einsele #3-21
Job Ticket: 45735 **DST#: 1**
Test Start: 2012.02.14 @ 18:41:41

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:	4000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
490.00	Drig.mud	4.897

Total Length: 490.00 ft Total Volume: 4.897 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

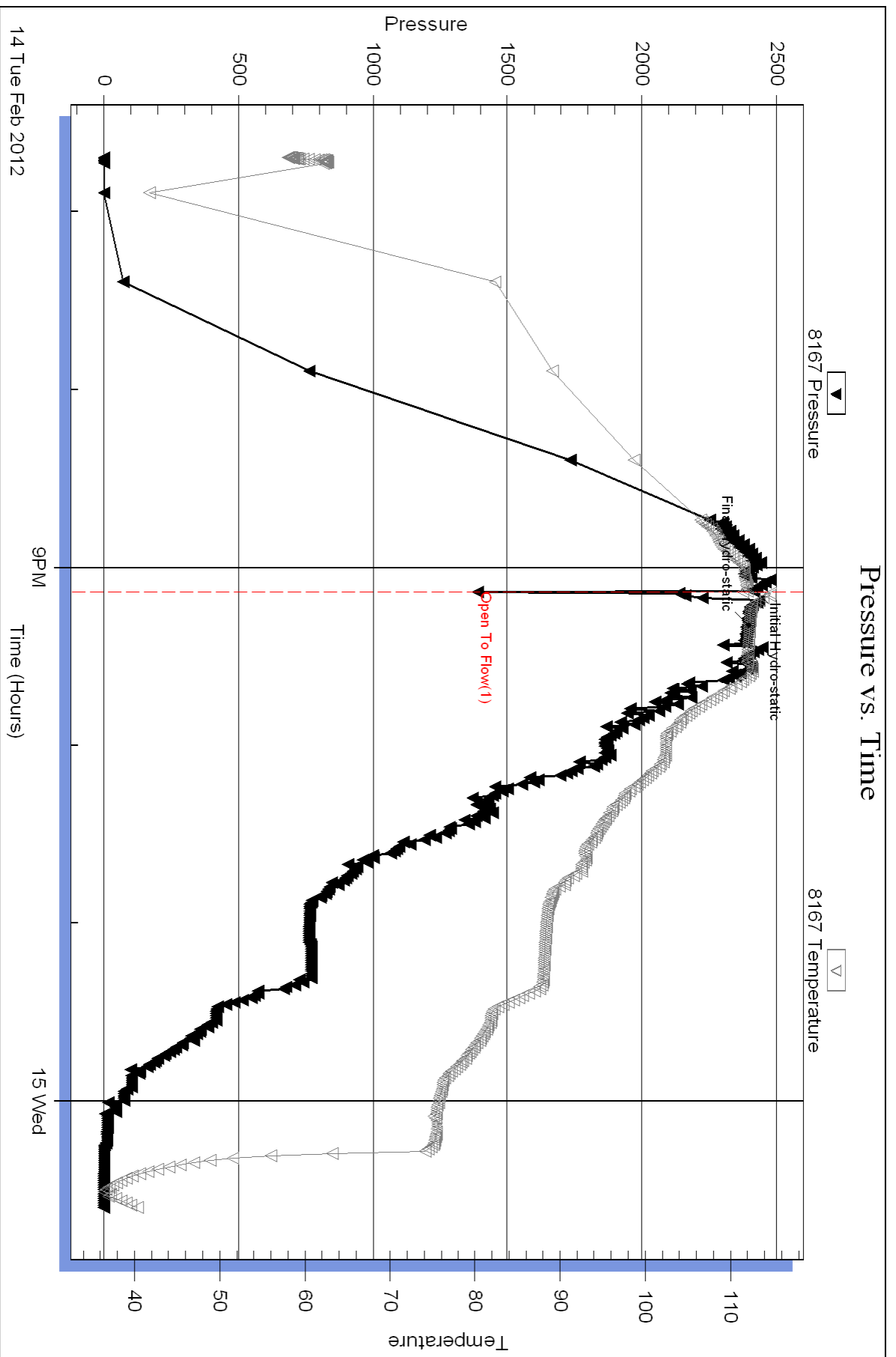
Serial #: 8167

Inside

Herrnan L.Loeb LLC

C. Einsel #3-21

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 45735

Printed: 2012.02.15 @ 15:16:21