



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Sam Gary
 1515 Wynkoop St. 700 Denver Co. 80202
 ATTN:

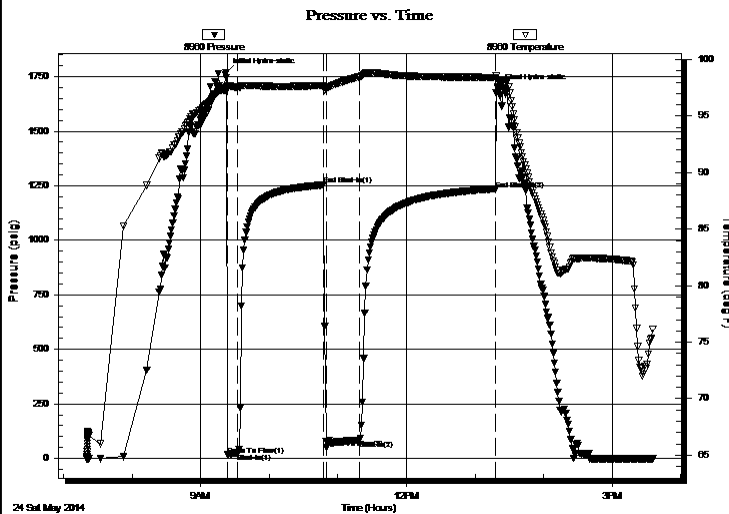
26 4s 24w Norton Ks
Hazlett 1-26
 Job Ticket: 58183 **DST#: 1**
 Test Start: 2014.05.24 @ 07:20:00

GENERAL INFORMATION:

Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:23:30
 Time Test Ended: 15:36:00
 Interval: **3548.00 ft (KB) To 3578.00 ft (KB) (TVD)**
 Total Depth: 3578.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chuck Kreuzer Jr.
 Unit No: 61
 Reference Elevations: 2483.00 ft (KB)
 2475.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8960 Inside
 Press @ Run Depth: 81.90 psig @ 3549.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.05.24 End Date: 2014.05.24 Last Calib.: 2014.05.24
 Start Time: 07:20:01 End Time: 15:36:00 Time On Btm: 2014.05.24 @ 09:22:00
 Time Off Btm: 2014.05.24 @ 13:20:00

TEST COMMENT: IF: Weak blow , Built to 1 1/2 in. over 10 mins.
 IS: No blow back
 FF: Weak blow , Built to 2 in. over 30 mins.
 FS: Weak surface blow back after 90 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.44	97.35	Initial Hydro-static
2	16.53	97.39	Open To Flow (1)
11	25.07	97.52	Shut-In(1)
86	1253.88	97.69	End Shut-In(1)
88	48.36	97.48	Open To Flow (2)
117	81.90	98.48	Shut-In(2)
236	1232.39	98.44	End Shut-In(2)
238	1697.12	98.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	go-60%g40%o	1.40
0.00	sampler 310psi 2000 ml go-30%g 70%o	0.00

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

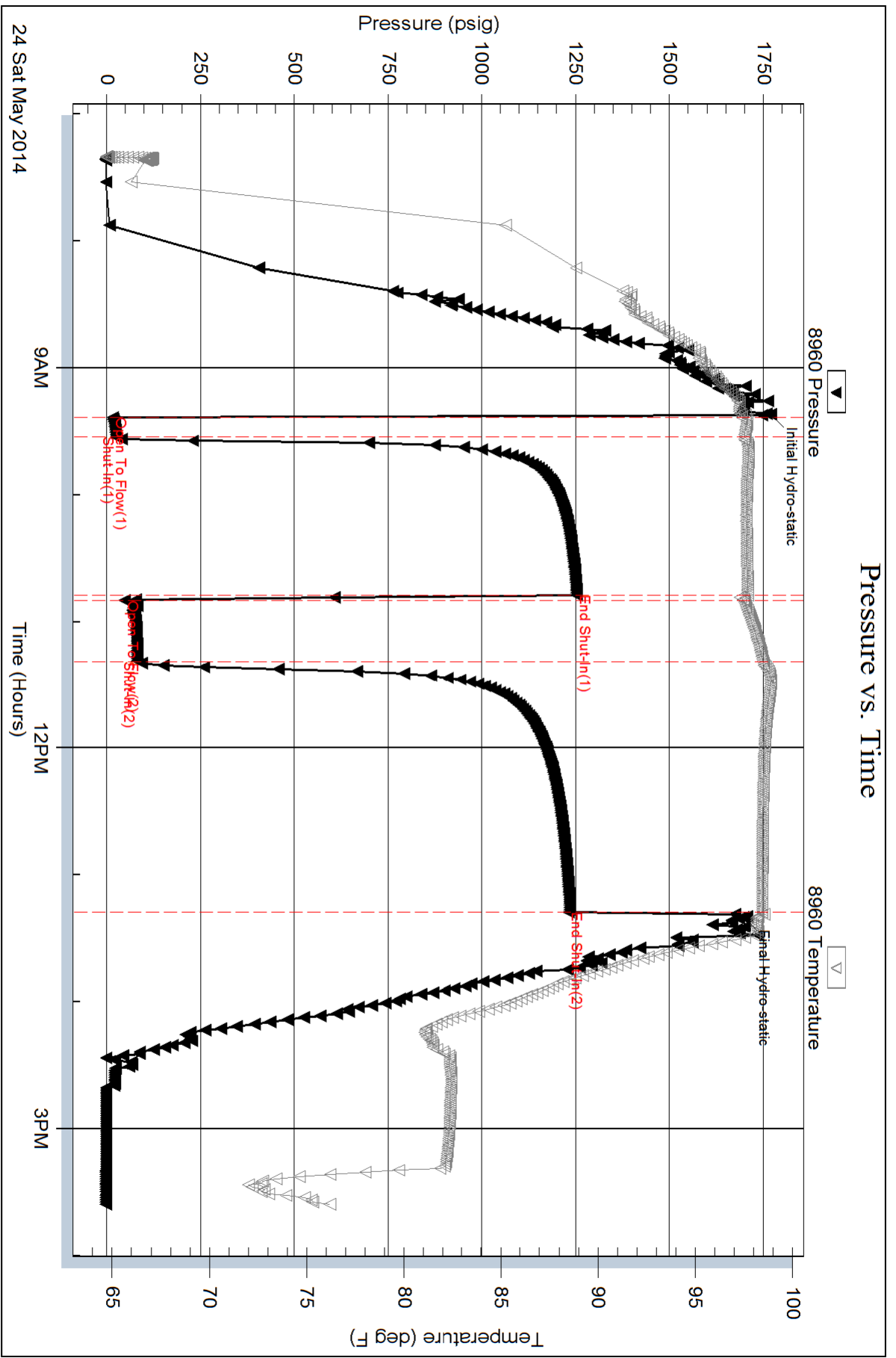
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 500.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	go-60%g40%o	1.401
0.00	sampler 310psi 2000 ml go-30%g 70%o	0.000

Total Length: 120.00 ft Total Volume: 1.401 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



Serial #: 8651

Fluid

Sam Gary

Hazlett 1-26

DST Test Number: 1



