



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil
 PO Box 8050
 Edmond, Ok 73083
 ATTN: Kitt Noah

31-15-14 Russell, Ks
Betty Radke "A" 1R
 Job Ticket: 47130 **DST#: 1**
 Test Start: 2012.05.26 @ 17:20:50

GENERAL INFORMATION:

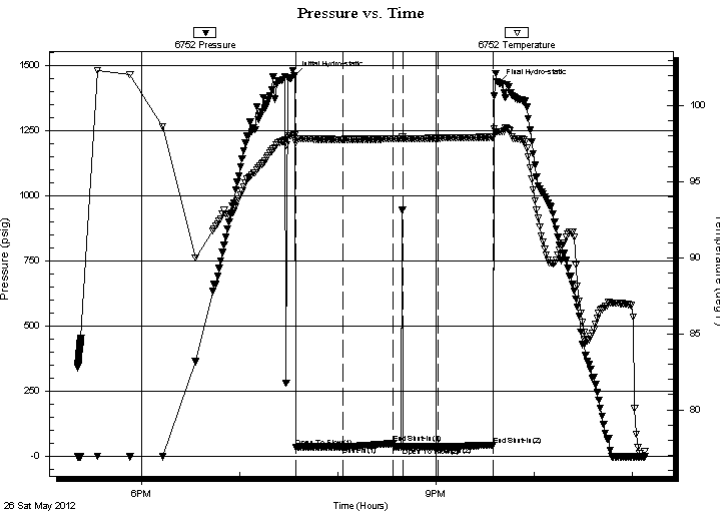
Formation: **Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:34:20
 Time Test Ended: 23:07:20
 Interval: **3062.00 ft (KB) To 3096.00 ft (KB) (TVD)**
 Total Depth: 3096.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 1916.00 ft (KB)
 1907.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 6752

Inside

Press @ Run Depth: 36.85 psig @ 3066.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.26 End Date: 2012.05.26 Last Calib.: 2012.05.26
 Start Time: 17:20:51 End Time: 23:07:20 Time On Btm: 2012.05.26 @ 19:33:20
 Time Off Btm: 2012.05.26 @ 21:38:20

TEST COMMENT: IFP - no blow
 ISI - no blow back
 FFP - no blow - flush - no blow
 FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1460.55	98.05	Initial Hydro-static
1	35.69	97.59	Open To Flow (1)
30	36.80	97.79	Shut-In(1)
60	48.59	97.82	End Shut-In(1)
67	36.05	97.85	Open To Flow (2)
88	36.85	97.87	Shut-In(2)
122	43.03	97.94	End Shut-In(2)
125	1432.30	98.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	drl mud 100%	0.70

Gas Rates

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



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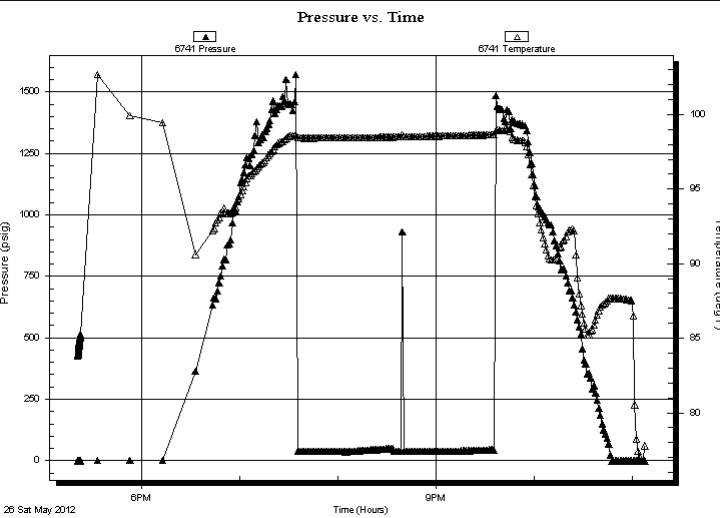
31-15-14 Russell, Ks
Betty Radke "A" 1R
 Job Ticket: 47130 **DST#: 1**
 Test Start: 2012.05.26 @ 17:20:50

GENERAL INFORMATION:

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 Deviated: No Whipstock: ft (KB)
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 Time Test Ended: 23:07:20 Unit No: 41
 Interval: **3062.00 ft (KB) To 3096.00 ft (KB) (TVD)** Reference Elevations: 1916.00 ft (KB)
 Total Depth: 3096.00 ft (KB) (TVD) 1907.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 9.00 ft

Serial #: 6741 Outside
 Press @ Run Depth: psig @ 3066.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.26 End Date: 2012.05.26 Last Calib.: 2012.05.26
 Start Time: 17:20:58 End Time: 23:07:57 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP - no blow
 ISI - no blow back
 FFP - no blow - flush - no blow
 FSI - no blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
50.00	drl mud 100%	0.70

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil
PO Box 8050
Edmond, Ok 73083
ATTN: Kitt Noah

31-15-14 Russell, Ks
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Job Ticket: 47130 **DST#: 1**
Test Start: 2012.05.26 @ 17:20:50

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	drl mud 100%	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6752

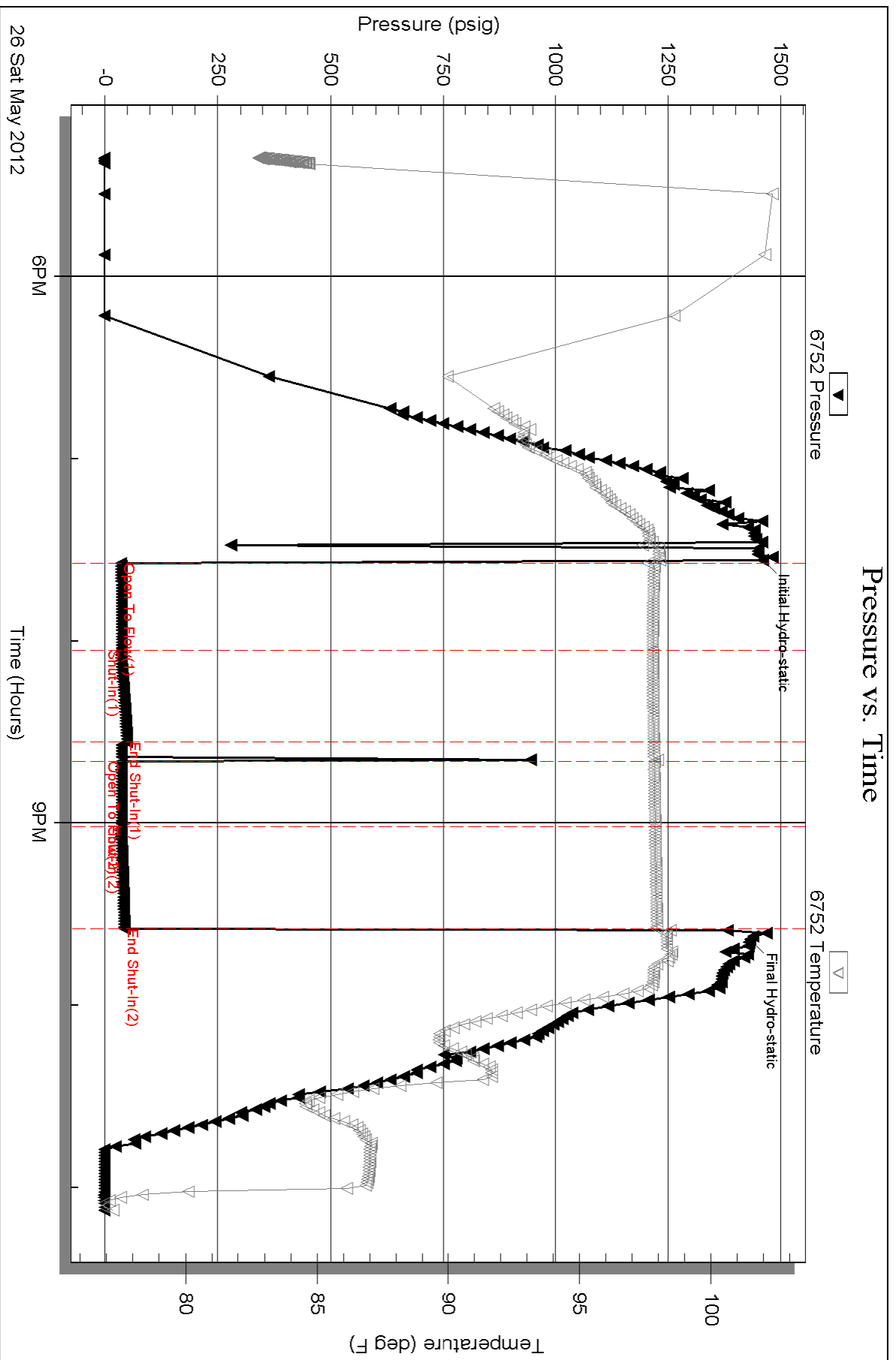
Inside

Russell Oil

Betty Radke "A" 1R

DST Test Number: 1

Pressure vs. Time



Serial #: 6741

Outside Russell Oil

Betty Radke "A" 1R

DST Test Number: 1

