



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Co inc
 100 South Main Suite 505
 Wichita Ks.
 67202
 ATTN: Aaron Young

Sec. 12 - 17 s. - 21 w./ Ness

Starrett B # 4

Job Ticket: 62516 **DST#: 1**

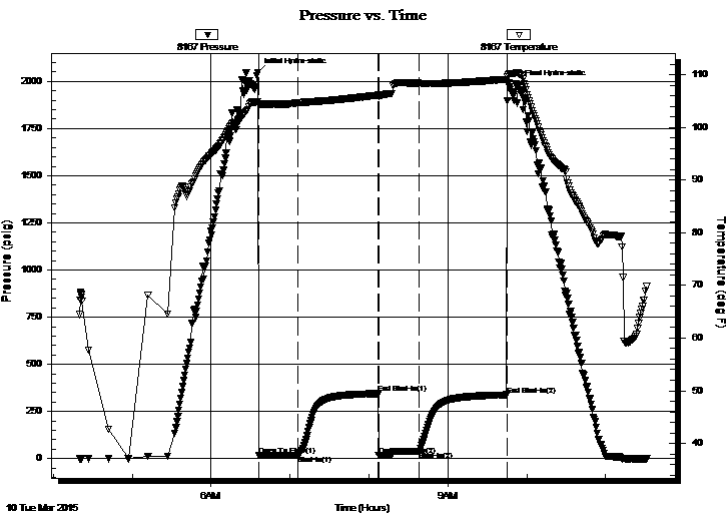
Test Start: 2015.03.10 @ 04:20:00

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:36:15 Tester: Bob Hamel
 Time Test Ended: 11:31:30 Unit No: 72
 Interval: **4043.00 ft (KB) To 4066.00 ft (KB) (TVD)** Reference Elevations: 2171.00 ft (KB)
 Total Depth: 4066.00 ft (KB) (TVD) 2165.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 8167 Outside
 Press@RunDepth: 39.92 psig @ 4044.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.10 End Date: 2015.03.10 Last Calib.: 2015.03.10
 Start Time: 04:20:05 End Time: 11:31:29 Time On Btm: 2015.03.10 @ 06:35:15
 Time Off Btm: 2015.03.10 @ 09:53:00

TEST COMMENT: I.F. - 30 - 1/4" INT. BLOW BUILT TO 3/4"
 I.S.I. - 60 - NO B.B.
 F.F. - 30 - NO BLOW FLUSHED TOOL @ 10 MIN. W.S.B. BUILT TO 1"
 F.S.I. - 60 - NO B.B.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2048.14	104.89	Initial Hydro-static
1	17.10	104.54	Open To Flow (1)
31	18.64	104.71	Shut-In(1)
92	344.85	106.15	End Shut-In(1)
92	18.56	105.98	Open To Flow (2)
123	39.92	108.37	Shut-In(2)
190	338.06	109.17	End Shut-In(2)
198	1981.60	110.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud	0.63

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 62516

DST#: 1

Test Start: 2015.03.10 @ 04:20:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 8.39 in³
Resistivity: 0.00 ohm.m
Salinity: 4100.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

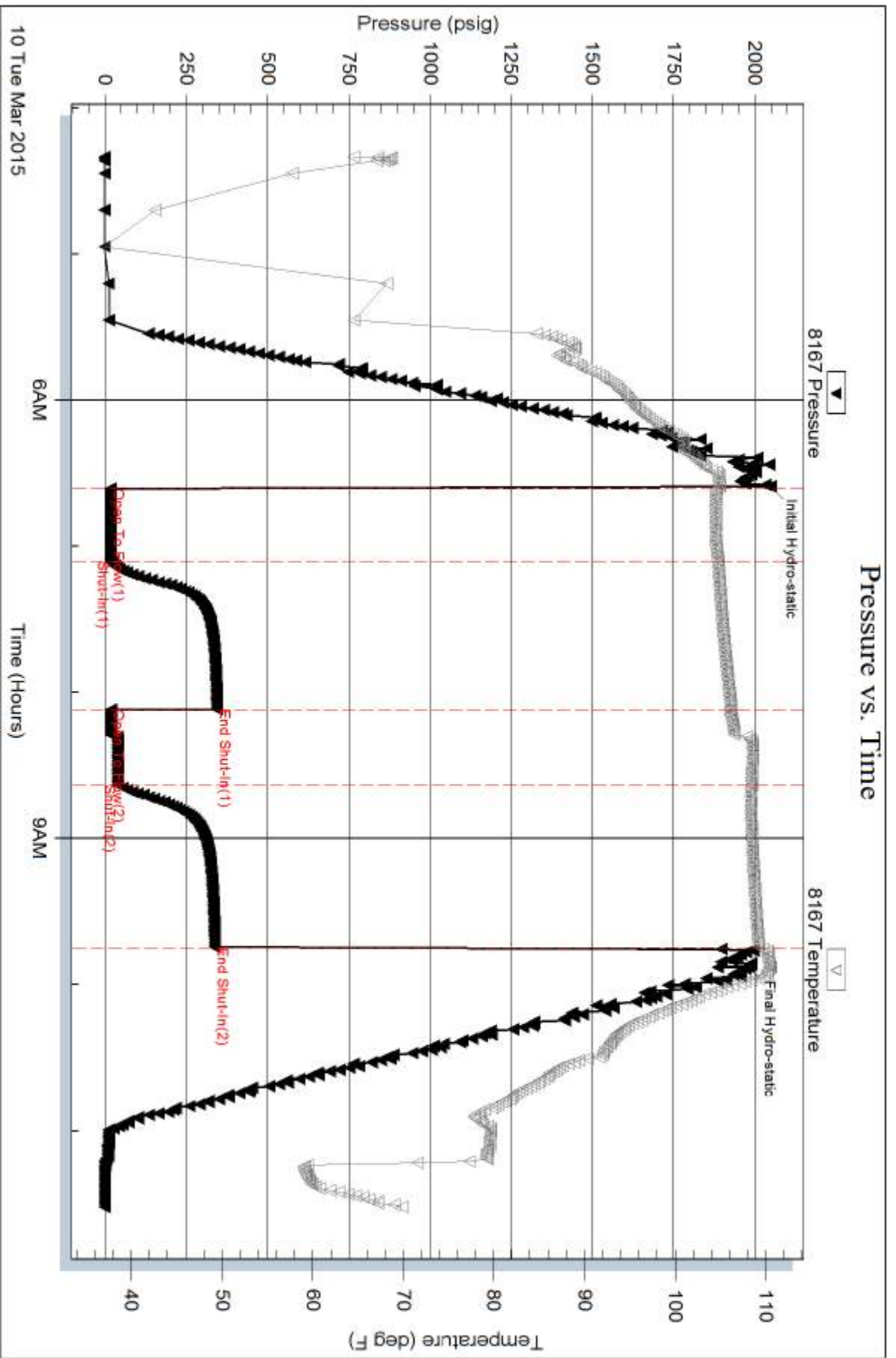
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6772

Inside

Pickrell Drilling Co inc

Starrett B # 4

DST Test Number: 1

