



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prarie Fire Petroleum, LLC.

PO Box 38
Norton, KS 67654

ATTN: Kevin Bailey

Dane Hansen Fnd.1-15

Job Ticket: 65312

DST#: 1

Test Start: 2016.04.13 @ 13:08:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:23:40

Time Test Ended: 18:43:00

Test Type: Conventional Straddle (Initial)

Tester: Kevin Mack

Unit No: 82

Interval: 3412.00 ft (KB) To 3482.00 ft (KB) (TVD)

Reference Elevations: 2197.00 ft (KB)

Total Depth: 3875.00 ft (KB) (TVD)

2192.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8653 Outside

Press@RunDepth: 1316.41 psig @ 3413.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.04.13

End Date: 2016.04.13

Last Calib.: 2016.04.13

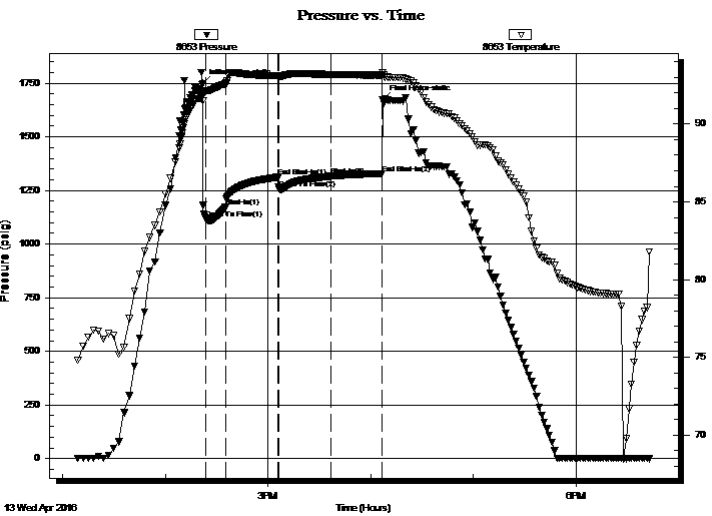
Start Time: 13:09:00

End Time: 18:43:00

Time On Btm: 2016.04.13 @ 14:22:00

Time Off Btm: 2016.04.13 @ 16:07:00

TEST COMMENT: 15 - IF- BoB in 30 sec.
30 - IS- Weak Surface Return built to 2 1/4"
30 - FF- BoB in 20 sec then blow died back to 9"
30 - FS- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1749.54	91.79	Initial Hydro-static
2	1119.92	92.13	Open To Flow (1)
14	1172.57	92.61	Shut-In(1)
44	1312.02	93.10	End Shut-In(1)
45	1257.06	93.08	Open To Flow (2)
75	1316.41	93.18	Shut-In(2)
105	1329.37	93.15	End Shut-In(2)
105	1674.13	93.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud (Heavy) 100%M	0.14
1817.00	MW 2%M 98%W	25.49
504.00	MW 10%M 90%W	7.07
389.00	WM 60%M 40%W	5.46

Gas Rates

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



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FLUID SUMMARY

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PO Box 38
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ATTN: Kevin Bailey

Dane Hansen Fnd.1-15

Job Ticket: 65312

DST#: 1

Test Start: 2016.04.13 @ 13:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: 6.40 in³

Resistivity: 0.00 ohm.m

Salinity: 1000.00 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: 55000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud (Heavy) 100%M	0.140
1817.00	MW 2%M 98%W	25.488
504.00	MW 10%M 90%W	7.070
389.00	WM 60%M 40%W	5.457

Total Length: 2720.00 ft Total Volume: 38.155 bbl

Num Fluid Samples: 0

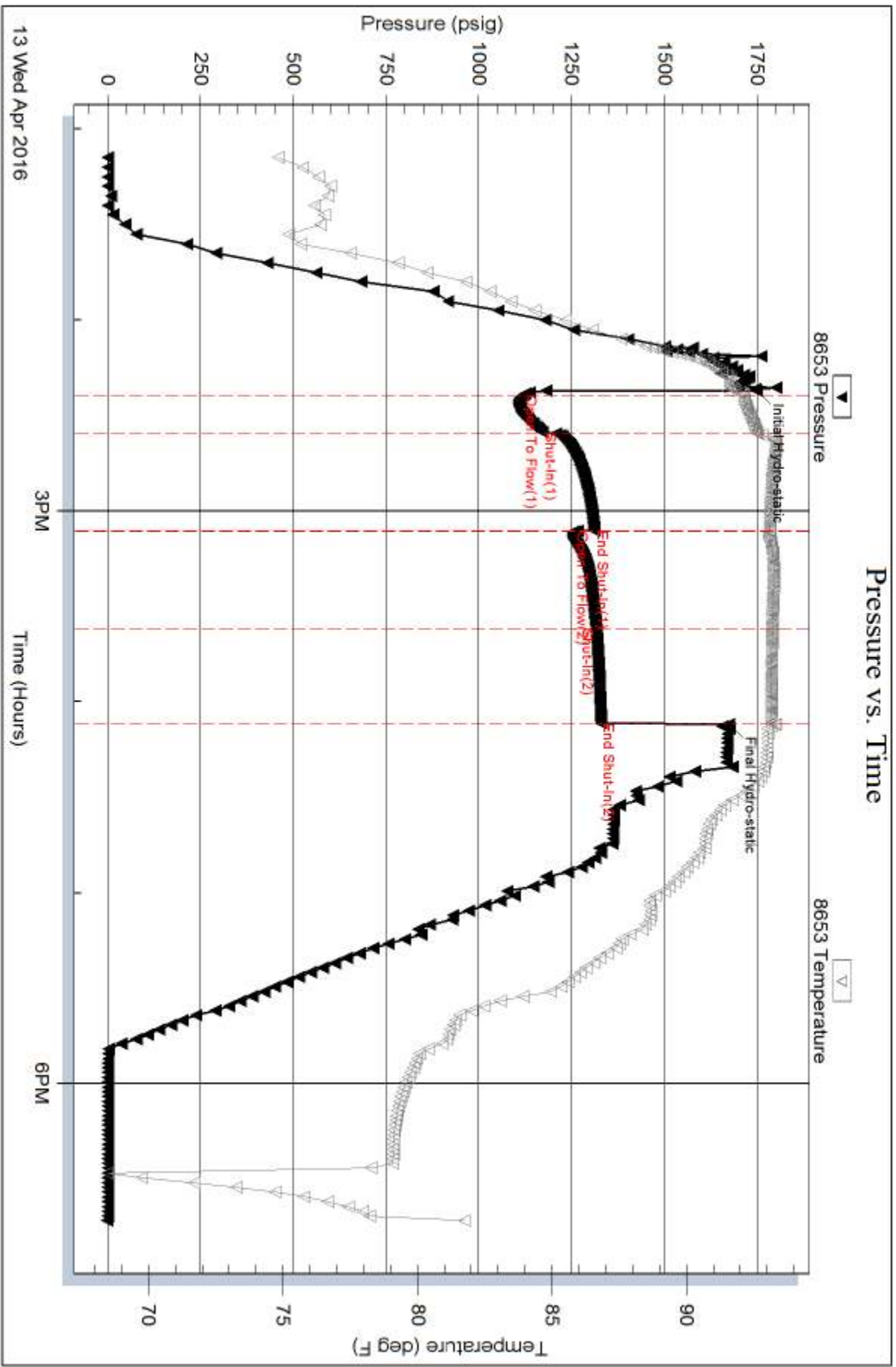
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW . 13 @ 84 deg.= 55,000ppm



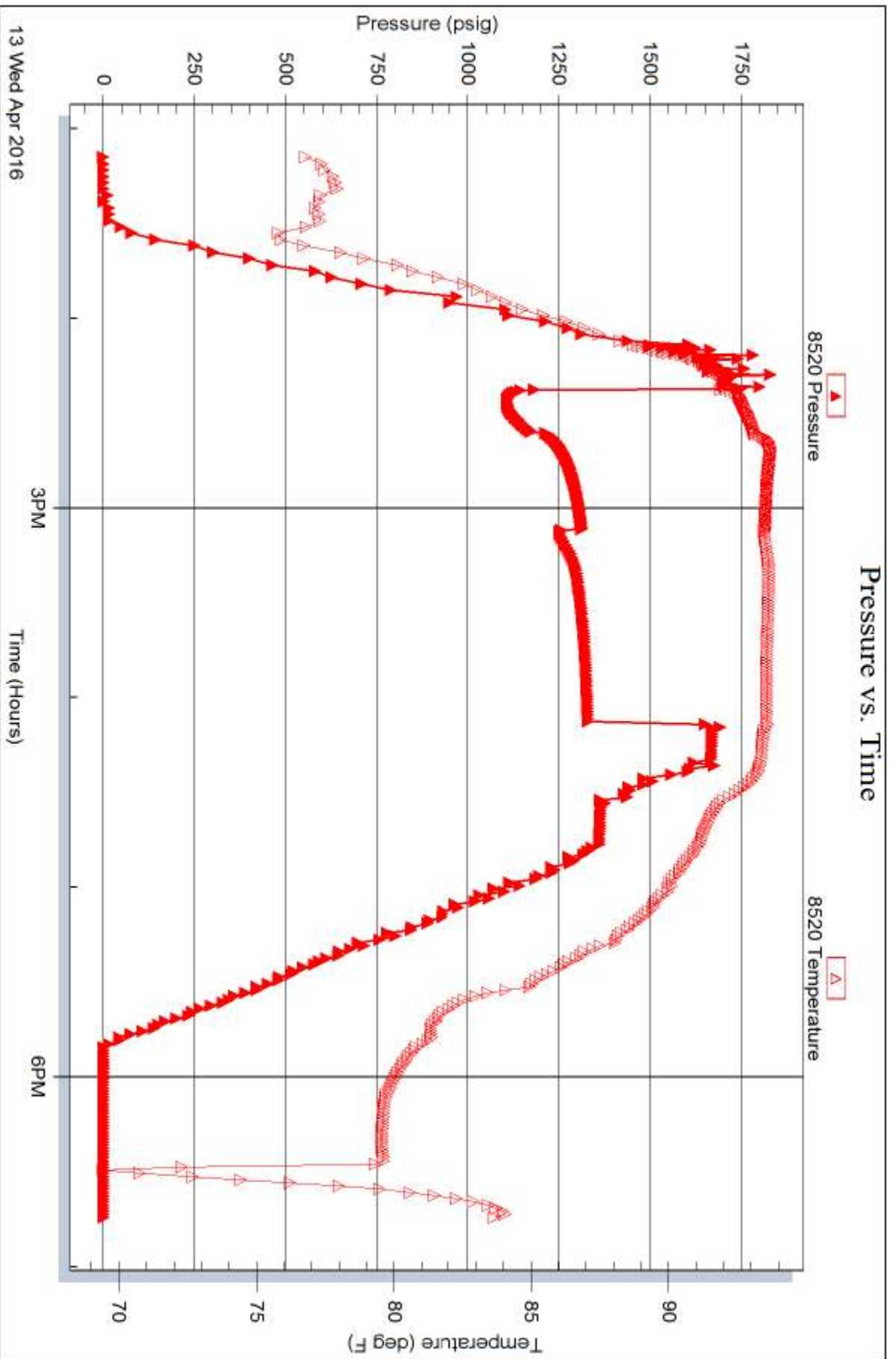
Serial #: 8520

Inside

Parie Fire Petroleum, LLC.

Dane Hansen Fnd.1-15

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65312

Printed: 2016.04.13 @ 19:56:06

