



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Outlaw Well Services LLC

8-11s-24w Trego

1408 West 42nd
Hays Ks 67601

Wolf #1

Job Ticket: 59305

DST#: 1

ATTN: Preston Wolf, Steve

Test Start: 2014.06.01 @ 13:30:23

GENERAL INFORMATION:

Formation: **LKC J-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:23:18

Time Test Ended: 17:30:48

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3839.00 ft (KB) To 3877.00 ft (KB) (TVD)

Reference Elevations: 2322.00 ft (KB)

Total Depth: 3877.00 ft (KB) (TVD)

2317.00 ft (CF)

Hole Diameter: 7.87 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8369 Inside

Press @ Run Depth: psig @ 3843.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.01 End Date: 2014.06.01

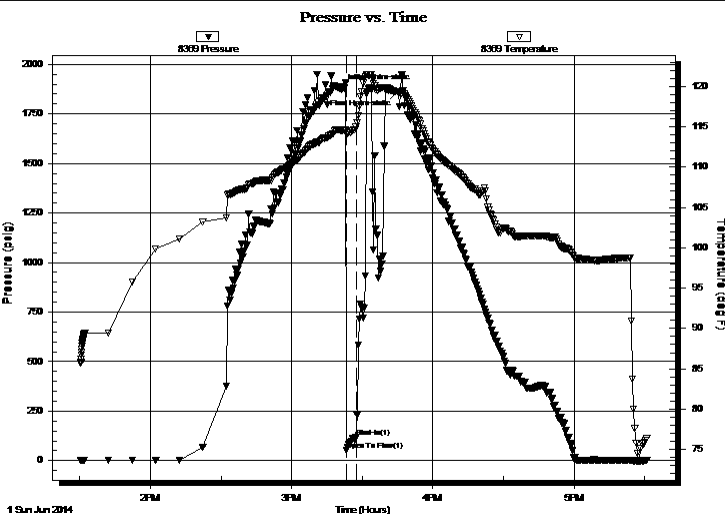
Last Calib.: 2014.06.01

Start Time: 13:30:23 End Time: 17:30:48

Time On Btm: 2014.06.01 @ 15:21:18

Time Off Btm: 2014.06.01 @ 15:44:48

TEST COMMENT: IFP-w k to strg in 4min , lost packer seat pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1875.80	114.59	Initial Hydro-static
2	51.21	114.21	Open To Flow (1)
6	119.83	114.95	Shut-In(1)
24	1862.59	119.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1200.00	Mud	15.74

Gas Rates

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



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FLUID SUMMARY

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Hays Ks 67601

Wolf #1

Job Ticket: 59305

DST#: 1

ATTN: Preston Wolf, Steve

Test Start: 2014.06.01 @ 13:30:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1200.00	Mud	15.740

Total Length: 1200.00 ft Total Volume: 15.740 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8369

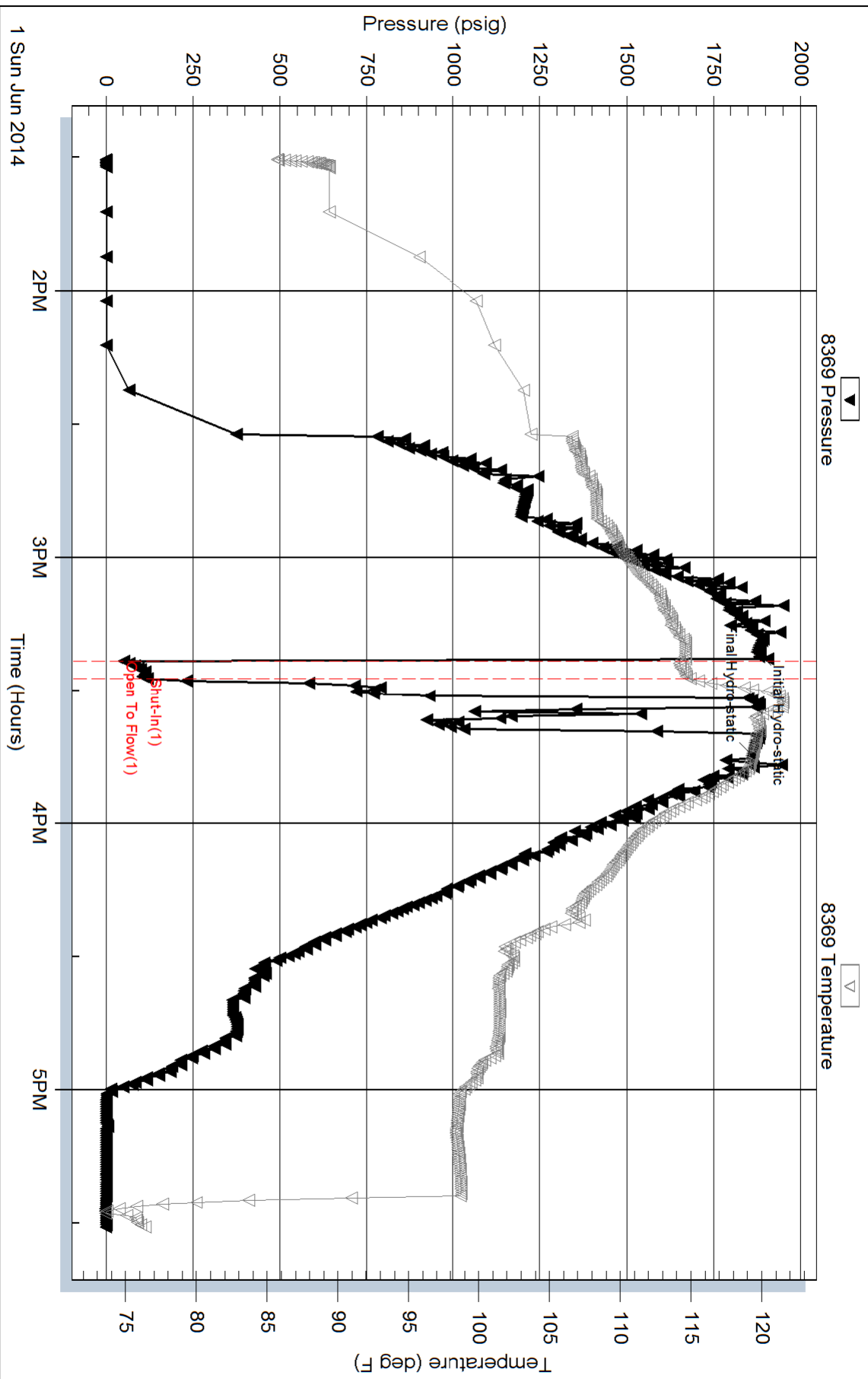
Inside

Outlaw Well Services LLC

Wolf #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 59305

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