



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

StrataKan Expl. LLC.

20-21s-13w Stafford Ks

204 W. Mill St.
Plainville Ks. 67663

Fanshier #20-1

Job Ticket: 59793

DST#: 1

ATTN: Justin R. Prater

Test Start: 2015.09.15 @ 14:06:13

GENERAL INFORMATION:

Formation: **Lans. H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:59:58

Time Test Ended: 20:08:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 80

Interval: 3466.00 ft (KB) To 3485.00 ft (KB) (TVD)

Reference Elevations: 1909.00 ft (KB)

Total Depth: 3485.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 9124 Outside

Press @ Run Depth: 129.08 psig @ 3467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.15

End Date: 2015.09.15

Last Calib.: 2015.09.15

Start Time: 14:06:18

End Time: 20:08:57

Time On Btm: 2015.09.15 @ 15:58:43

Time Off Btm: 2015.09.15 @ 18:05:43

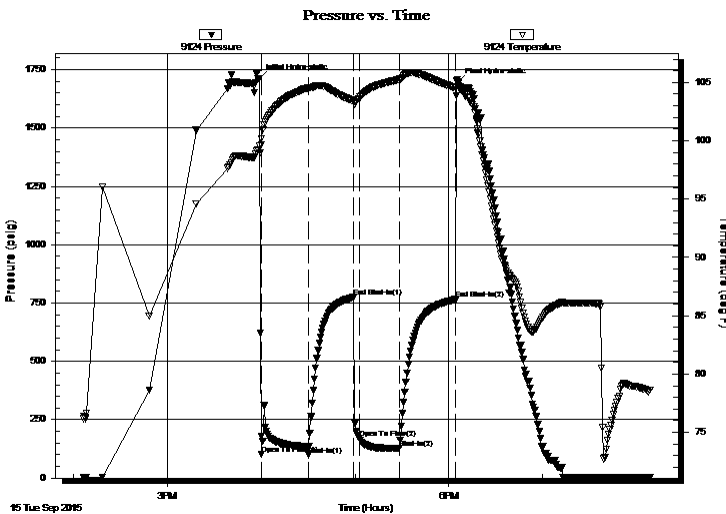
TEST COMMENT: IF: Strong blow . B.O.B. in 2 mins. Comment: Approx 8 ft. hard fill on btm. Slid tool 6 ft. to btm.

IS: Weak blow . 1/4 - 3/4".

FF: Strong blow . B.O.B. in 1 min.

FS: GTS 30 secs in to FSIP. Fair blow . 2 - 5".

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.22	99.52	Initial Hydro-static
2	102.00	99.68	Open To Flow (1)
32	136.28	104.57	Shut-In(1)
61	774.76	103.42	End Shut-In(1)
64	170.00	103.64	Open To Flow (2)
90	129.08	105.25	Shut-In(2)
126	765.38	104.51	End Shut-In(2)
127	1695.80	105.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
96.00	CGO 14%g 86%o	1.35
91.00	GMCO 19%g 13%m 68%o	1.28

Gas Rates

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



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Reference Elevations: 1909.00 ft (KB)

Total Depth: 3485.00 ft (KB) (TVD)

1899.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 10.00 ft

Serial #: 6798 Inside

Press @ Run Depth: psig @ 3467.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.15

End Date:

2015.09.15

Last Calib.:

2015.09.15

Start Time: 14:00:32

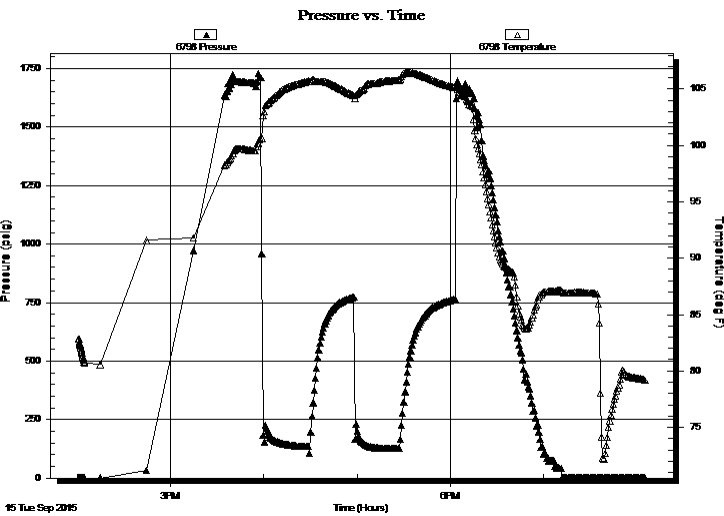
End Time:

20:05:56

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 2 mins. Comment: Approx 8 ft. hard fill on btm. Slid tool 6 ft. to btm.
 IS: Weak blow . 1/4 - 3/4".
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
96.00	CGO 14%g 86%o	1.35
91.00	GMCO 19%g 13%m 68%o	1.28

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

StrataKan Expl. LLC.

20-21s-13w Stafford Ks

204 W. Mill St.
Plainville Ks. 67663

Fanshier #20-1

Job Ticket: 59793

DST#: 1

ATTN: Justin R. Prater

Test Start: 2015.09.15 @ 14:06:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
96.00	CGO 14%g 86%o	1.347
91.00	GMCO 19%g 13%m 68%o	1.276

Total Length: 187.00 ft

Total Volume: 2.623 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

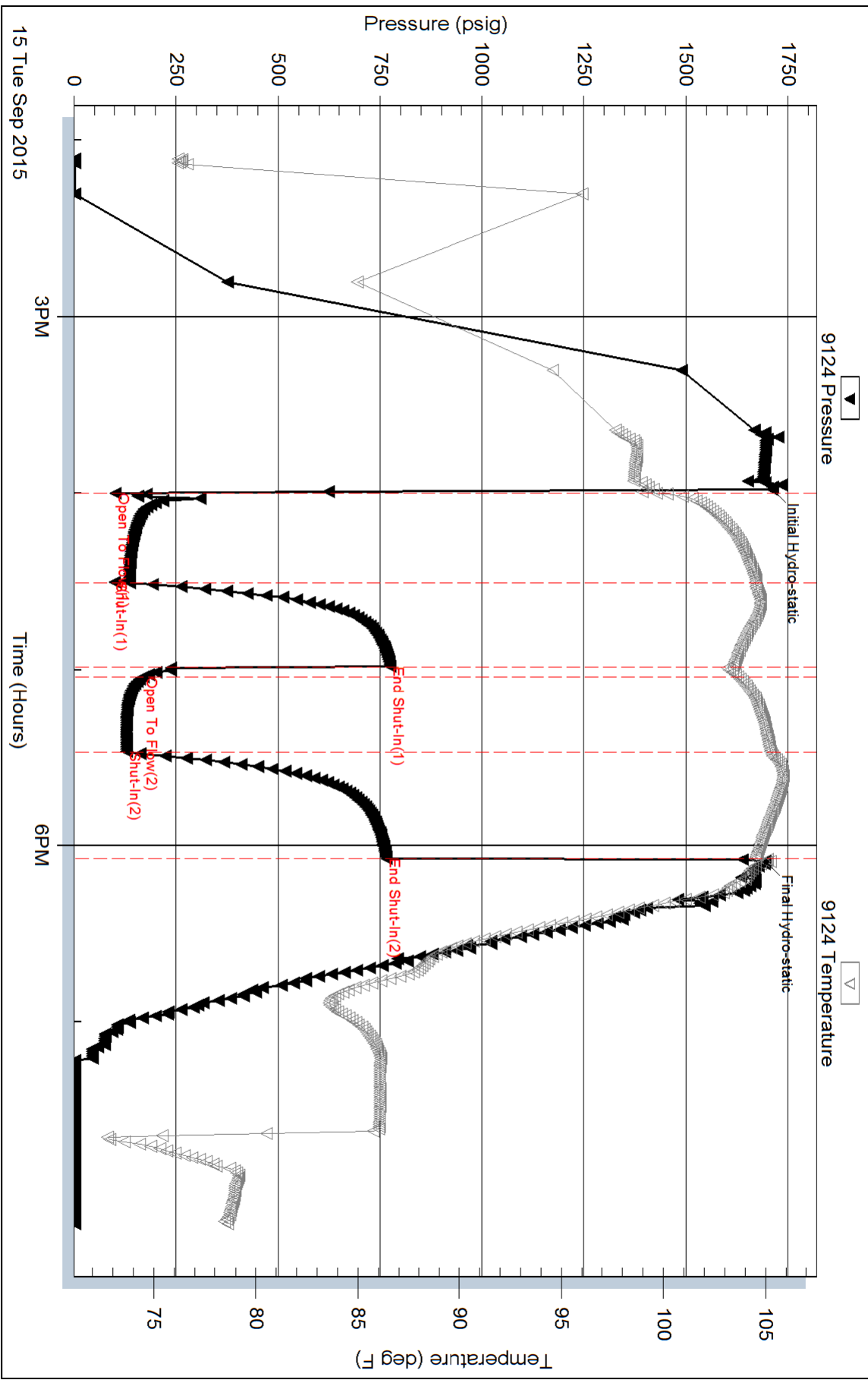
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



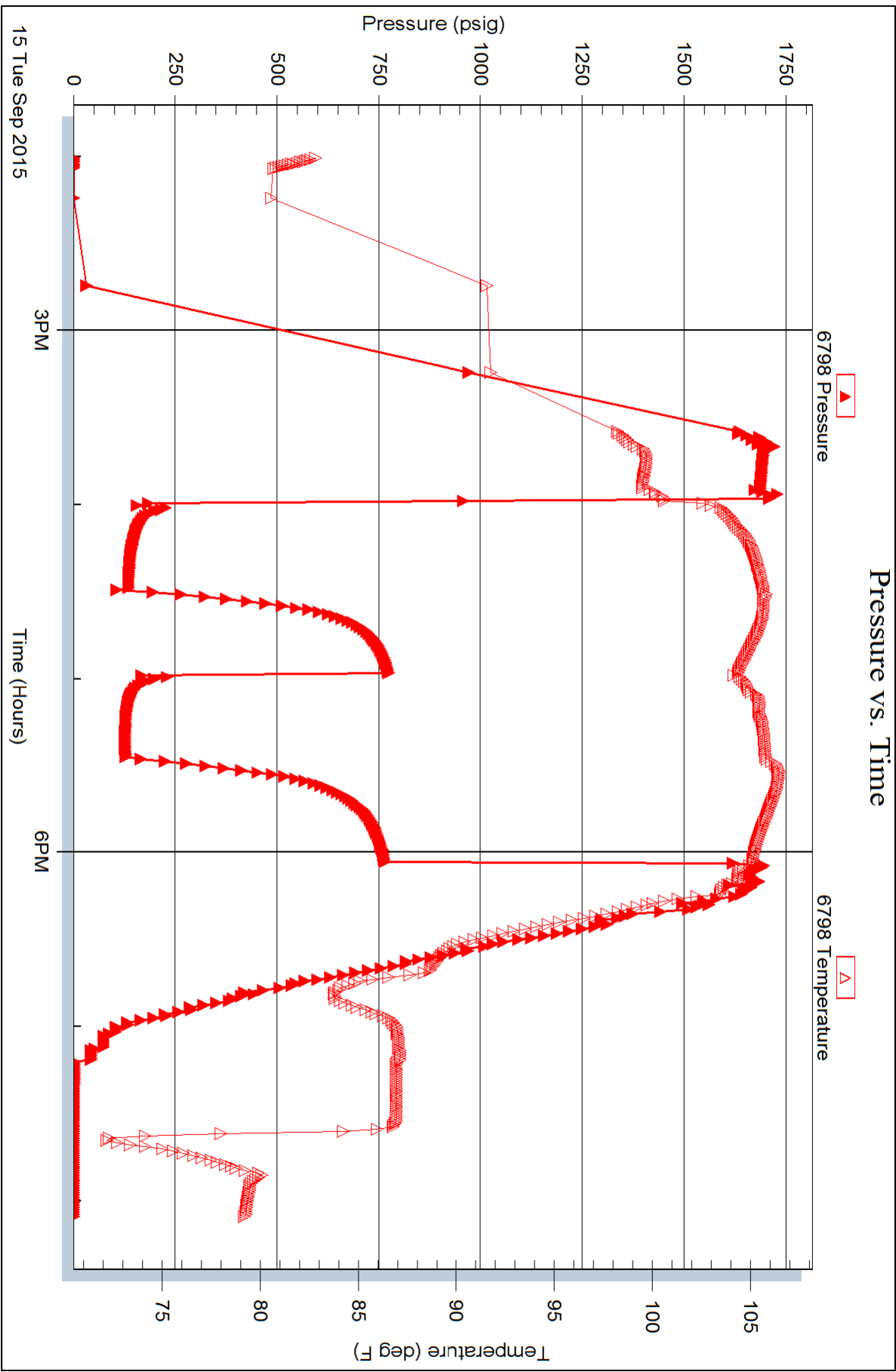
Serial #: 6798

Inside

StrataKan Expl. LLC.

Fanshier #20-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59793

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