



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

27-16s-16w Rush KS

1515 Wynkoop st. STE 700
Denver CO, 80202

Schlegel Trust 1-27

Job Ticket: 62718

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2015.06.22 @ 22:01:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:57:30

Time Test Ended: 09:52:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Cody Bloedorn

Unit No: 73

Interval: 2921.00 ft (KB) To 2952.00 ft (KB) (TVD)

Reference Elevations: 1939.00 ft (KB)

Total Depth: 2952.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8648 Inside

Press@RunDepth: 17.31 psig @ 2949.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.22

End Date: 2015.06.23

Last Calib.: 2015.06.23

Start Time: 22:01:05

End Time: 09:52:45

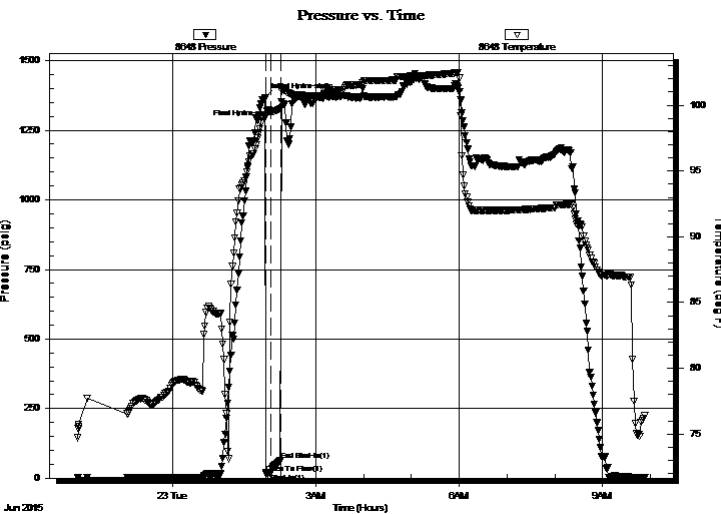
Time On Btm: 2015.06.23 @ 01:56:30

Time Off Btm: 2015.06.23 @ 02:16:45

TEST COMMENT: IF- 8" blow

IS- 4" return

****pulled tool 20 minutes into shut in. cedar hills started flow ing. dropped bar to pump mud into hole. No fluid recovery*****



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1367.67	99.18	Initial Hydro-static
1	15.98	99.30	Open To Flow (1)
7	17.31	99.52	Shut-In(1)
20	63.44	99.75	End Shut-In(1)
21	1354.30	101.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	Mud, with alot of cuttings.	0.91

Gas Rates

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



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TESTING, INC**

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FLUID SUMMARY

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Job Ticket: 62718

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2015.06.22 @ 22:01:00

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: 27.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Mud, with alot of cuttings.	0.911

Total Length: 124.00 ft Total Volume: 0.911 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Pulled tool, cedar hills started flow ing.

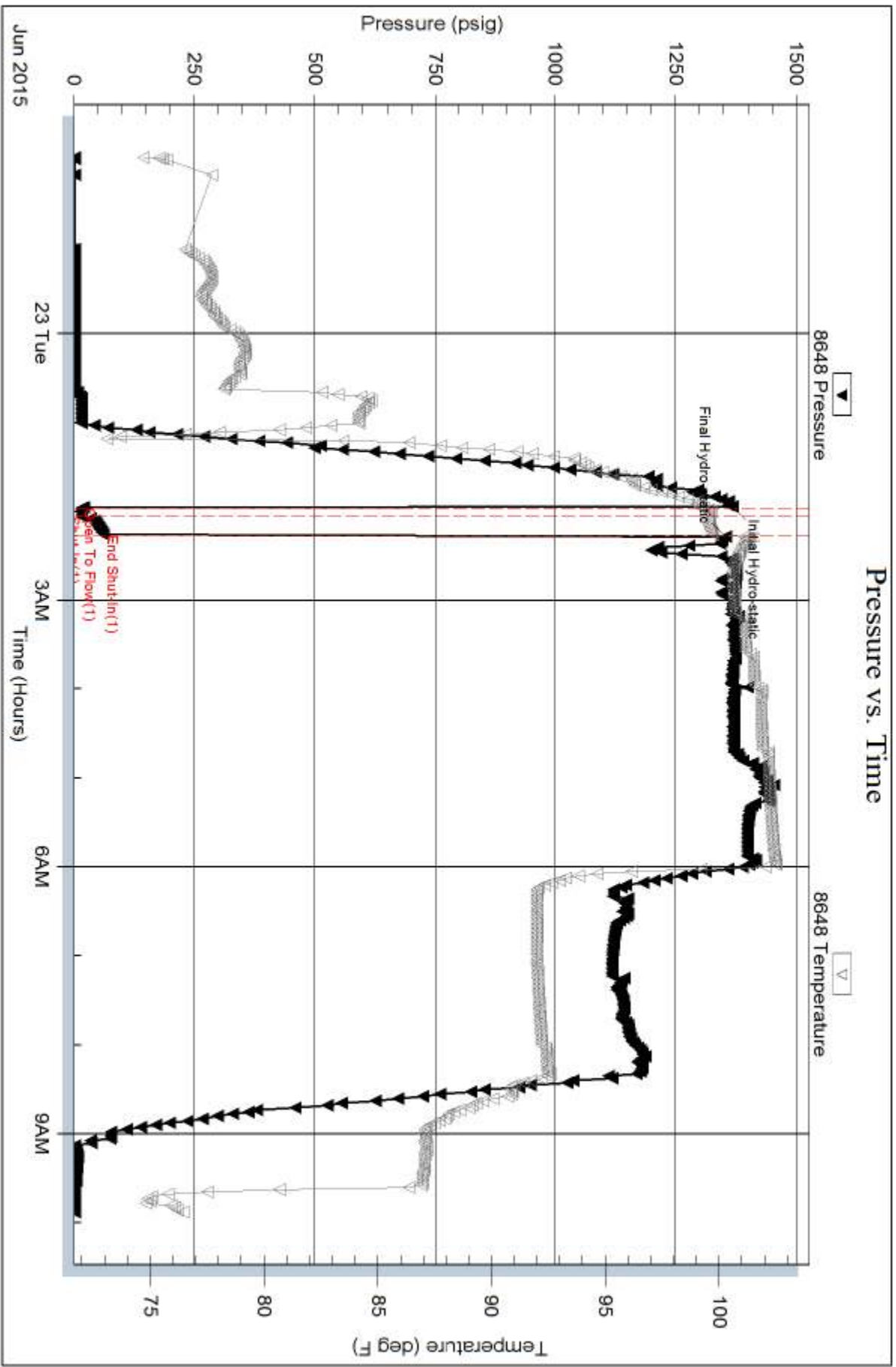
Serial #: 8648

Inside

Samuel Gary Jr & Associates

Schlegel Trust 1-27

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62718

Printed: 2015.06.23 @ 10:08:52

Serial #: 8958

Fluid

Samuel Gary Jr & Associates

Schlegel Trust 1-27

DST Test Number: 1

