



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Stewart Producers, Inc.

8-18S-24W Ness, KS

301 N. 27th St.
PO Box 546
Mt. Vernon, IL 62864
ATTN: Aaron Young

Sutton #3

Job Ticket: 63281

DST#: 1

Test Start: 2017.07.21 @ 10:30:53

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:30:29

Time Test Ended: 18:57:29

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 4190.00 ft (KB) To 4235.00 ft (KB) (TVD)

Reference Elevations: 2316.00 ft (KB)

Total Depth: 4235.00 ft (KB) (TVD)

2309.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6838 Inside

Press@RunDepth: 57.66 psig @ 4199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.07.21

End Date:

2017.07.21

Last Calib.: 2017.07.21

Start Time: 10:30:54

End Time:

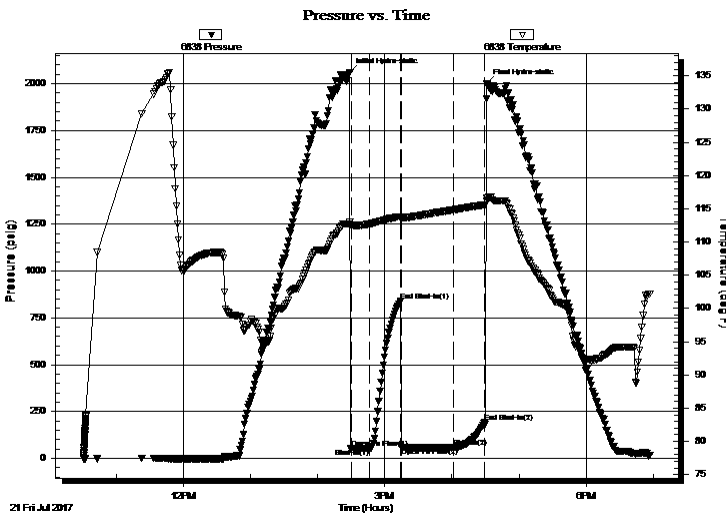
18:57:29

Time On Btm: 2017.07.21 @ 14:28:44

Time Off Btm: 2017.07.21 @ 16:31:14

TEST COMMENT: 15- IF- Slowly built to .5"
30- IS- No blow
45- FF- Slowly built to 1"
30- FSI- No blow

PRESSURE SUMMARY



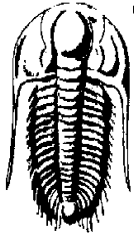
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2059.95	113.06	Initial Hydro-static
2	54.44	112.52	Open To Flow (1)
18	53.69	112.70	Shut-In(1)
46	838.37	113.83	End Shut-In(1)
46	57.68	113.44	Open To Flow (2)
93	57.66	114.83	Shut-In(2)
121	193.38	115.59	End Shut-In(2)
123	1999.29	116.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM, 5%O 95%M	0.15

Gas Rates

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



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FLUID SUMMARY

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8-18S-24W Ness, KS

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PO Box 546
Mt. Vernon, IL 62864
ATTN: Aaron Young

Sutton #3

Job Ticket: 63281

DST#: 1

Test Start: 2017.07.21 @ 10:30:53

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 3700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

31 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM, 5%O 95%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

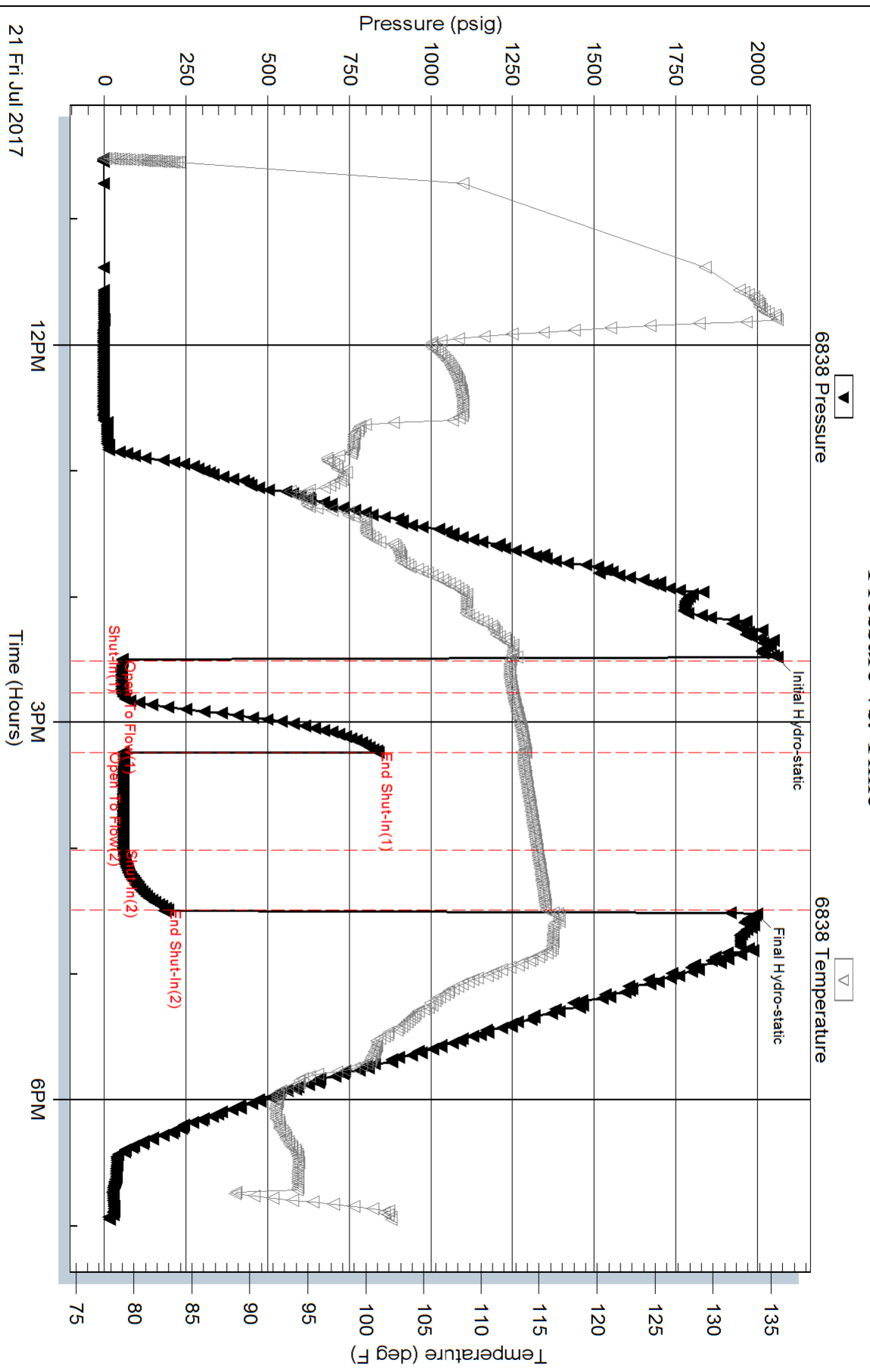
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

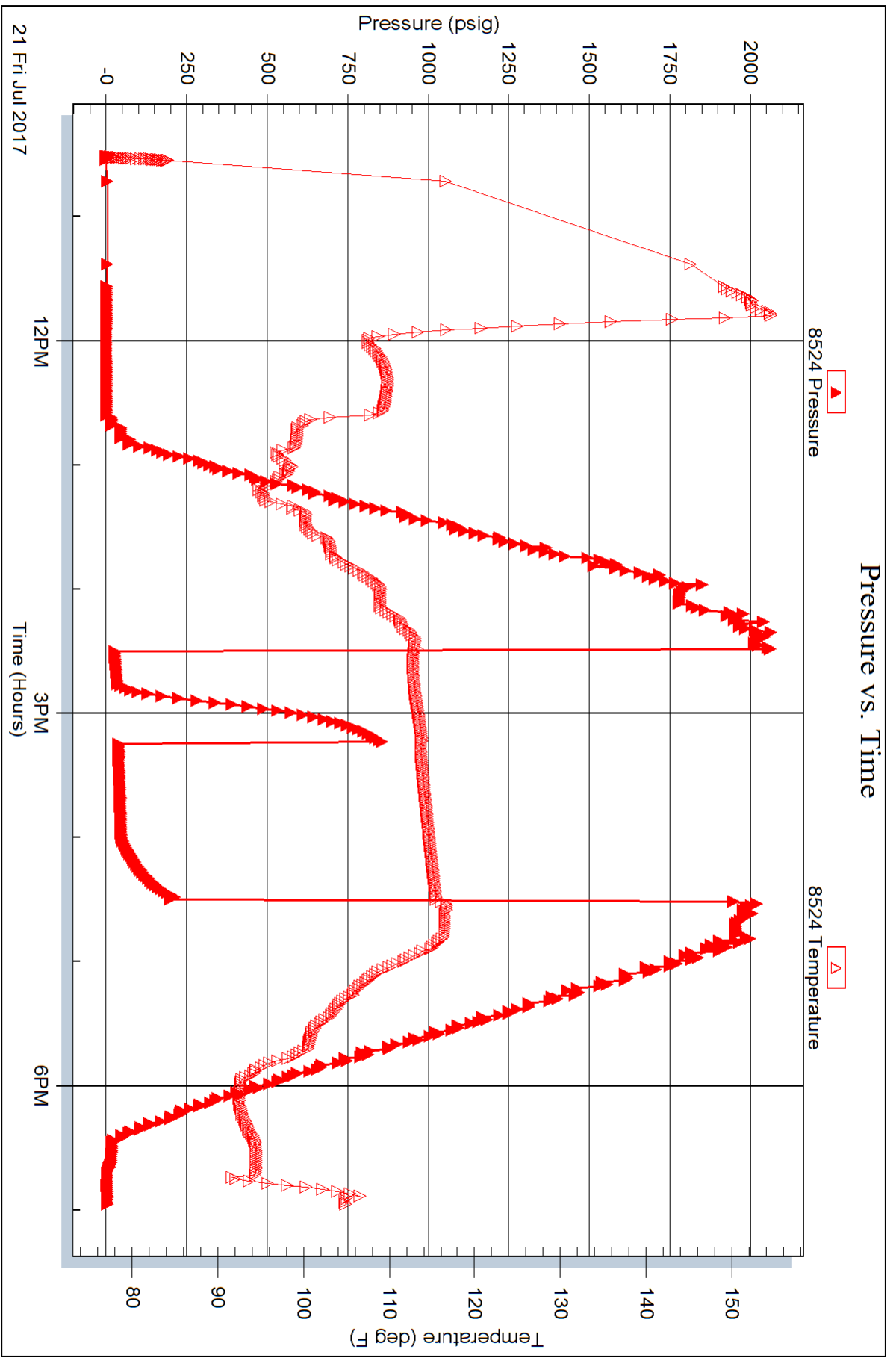


Serial #: 8524

Outside Stew art Producers, Inc.

Sutton #3

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63281

Printed: 2017.07.22 @ 09:29:53