



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

1-31S-35W Stevens,KS

2020 Bramblewood
Wichita, KS 67206

Brown #3-1

Job Ticket: 64365

DST#: 6

ATTN: Ed Grieves

Test Start: 2019.07.27 @ 03:21:00

GENERAL INFORMATION:

Formation: **Upper Marrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:13:00

Time Test Ended: 13:55:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 5245.00 ft (KB) To 5310.00 ft (KB) (TVD)

Reference Elevations: 2981.00 ft (KB)

Total Depth: 5310.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8734 Outside

Press@RunDepth: 68.11 psig @ 5246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.27 End Date: 2019.07.27

Last Calib.: 2019.07.27

Start Time: 03:21:01 End Time: 13:55:30

Time On Btm: 2019.07.27 @ 06:12:00

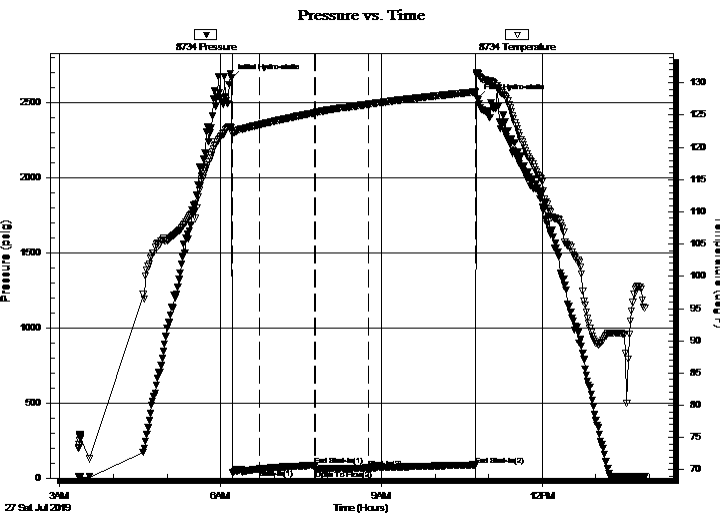
Time Off Btm: 2019.07.27 @ 10:47:30

TEST COMMENT: 30-IF-S.blow built to 1/2" @ 12 mins & decreased to 1/4"

60-ISI-No blow back

60-FF-No blow

120-FSI-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2665.46	123.07	Initial Hydro-static
1	34.32	122.15	Open To Flow (1)
31	60.67	123.50	Shut-In(1)
94	86.56	125.34	End Shut-In(1)
94	54.59	125.35	Open To Flow (2)
154	68.11	126.70	Shut-In(2)
274	88.12	128.59	End Shut-In(2)
276	2530.21	131.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Mud	0.21

* Recovery from multiple tests

Gas Rates

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



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Total Depth: 5310.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8959

Inside

Press@RunDepth: psig @ 5246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.07.27 End Date: 2019.07.27

Last Calib.: 2019.07.27

Start Time: 03:21:01 End Time: 13:55:19

Time On Btm:

Time Off Btm:

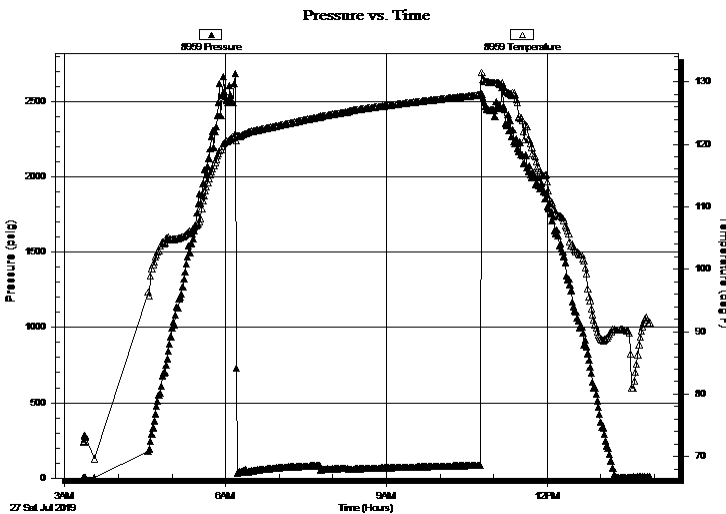
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PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Mud	0.21

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

1-31S-35W Stevens,KS

2020 Bramblewood
Wichita, KS 67206

Brown #3-1

Job Ticket: 64365

DST#: 6

ATTN: Ed Grieves

Test Start: 2019.07.27 @ 03:21:00

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: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1025.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100% Mud	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

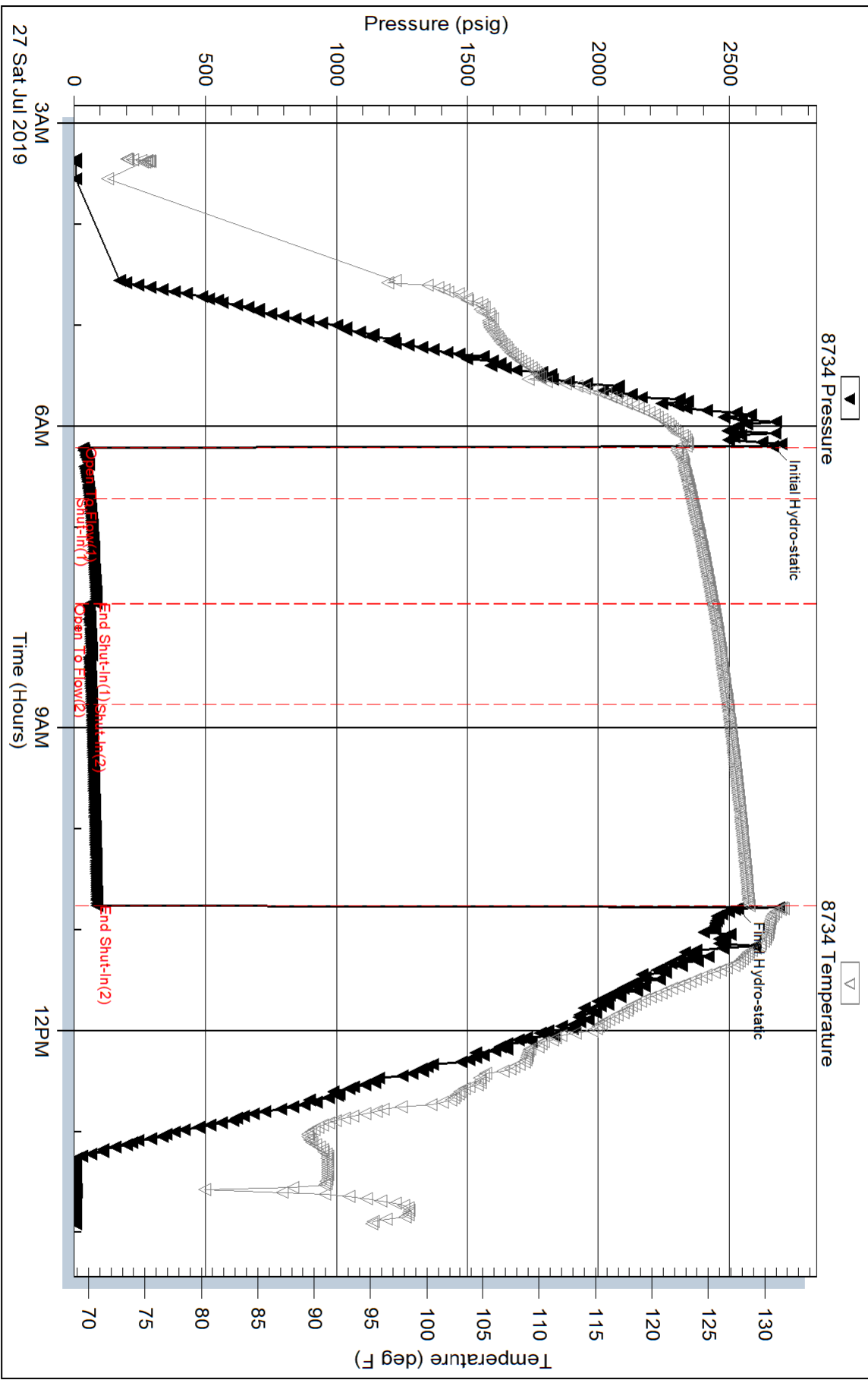
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



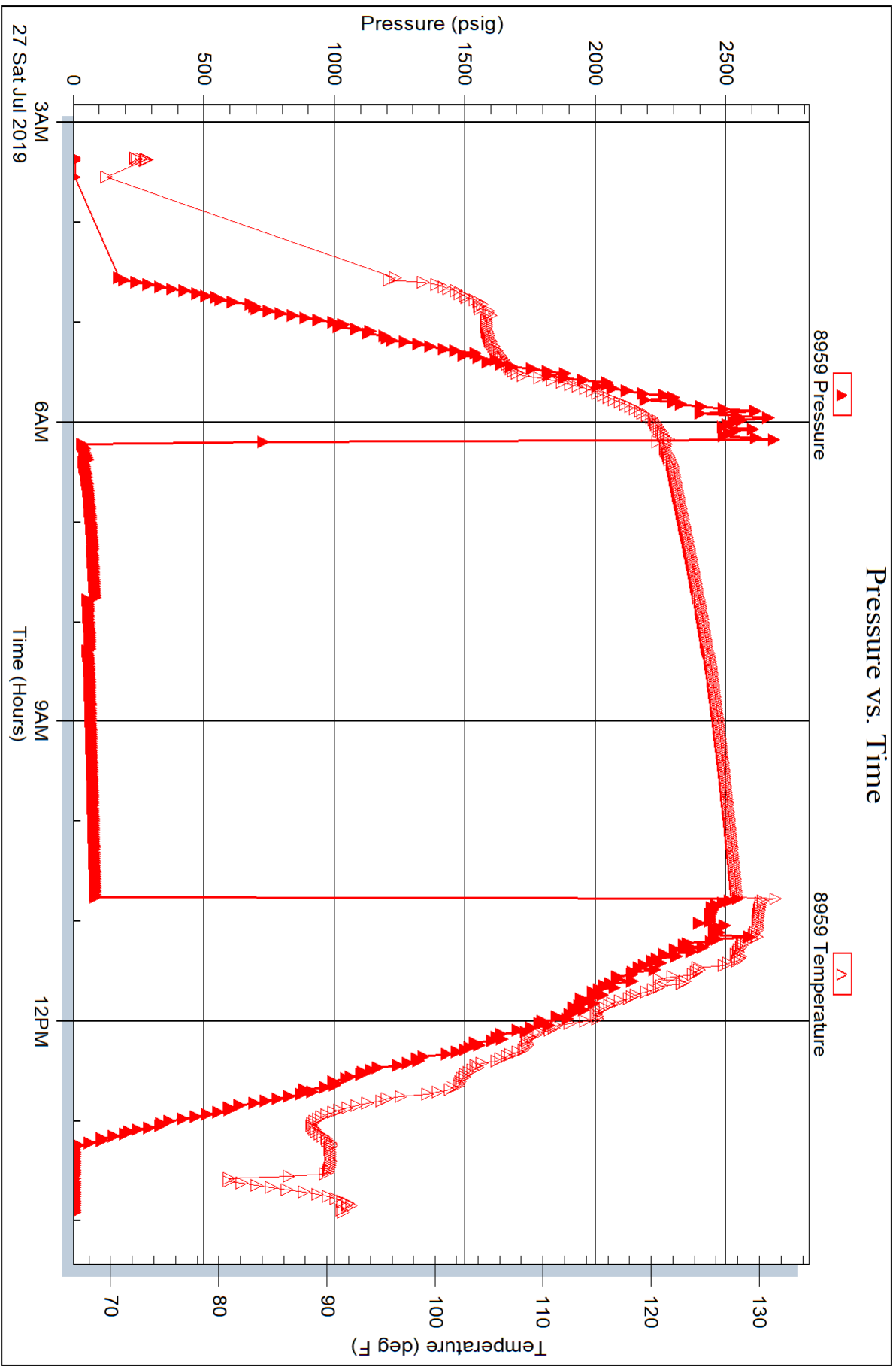
Serial #: 8959

Inside

Berexco, LLC

Brown #3-1

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 64365

Printed: 2019.07.27 @ 19:02:03