



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Orca Operating Co
 427 S Boston Ste 400
 Tulsa, OK 74103
 ATTN: Harold Watts

12-25S-9W Reno
Shoffner 12-1
 Job Ticket: 65876 **DST#: 1**
 Test Start: 2019.06.16 @ 12:42:00

GENERAL INFORMATION:

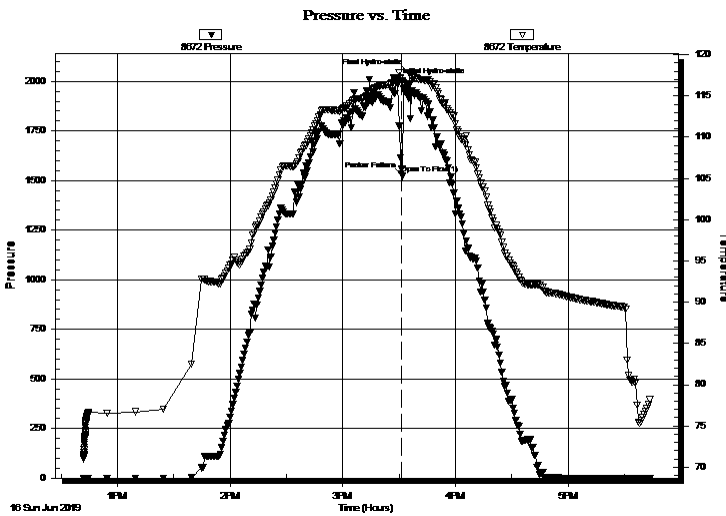
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:31:02 Tester: Leal Cason
 Time Test Ended: 17:44:02 Unit No: 74
 Interval: **3846.00 ft (KB) To 3875.00 ft (KB) (TVD)** Reference Elevations: 1657.00 ft (KB)
 Total Depth: 3875.00 ft (KB) (TVD) 1644.00 ft (CF)
 Hole Diameter: 8.75 inches Hole Condition: Good KB to GR/CF: 13.00 ft

Serial #: 8672

Inside

Press@RunDepth: psig @ 3830.00 ft (KB) Capacity: psig
 Start Date: 2019.06.16 End Date: 2019.06.16 Last Calib.: 2019.06.16
 Start Time: 12:42:01 End Time: 17:44:02 Time On Btm: 2019.06.16 @ 15:28:47
 Time Off Btm: 2019.06.16 @ 15:35:32

TEST COMMENT: IF: Packer Failure, Tried to Reset, Failed Again, Pulled Test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.75	117.02	Initial Hydro-static
3	1532.83	117.25	Open To Flow (1)
3	1521.35	116.73	Packer Failure
7	2040.12	116.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
813.00	Mud	7.36

Gas Rates

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



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FLUID SUMMARY

Orca Operating Co

12-25S-9W Reno

427 S Boston Ste 400
Tulsa, OK 74103

Shoffner 12-1

Job Ticket: 65876

DST#: 1

ATTN: Harold Watts

Test Start: 2019.06.16 @ 12:42:00

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
813.00	Mud	7.364

Total Length: 813.00 ft

Total Volume: 7.364 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

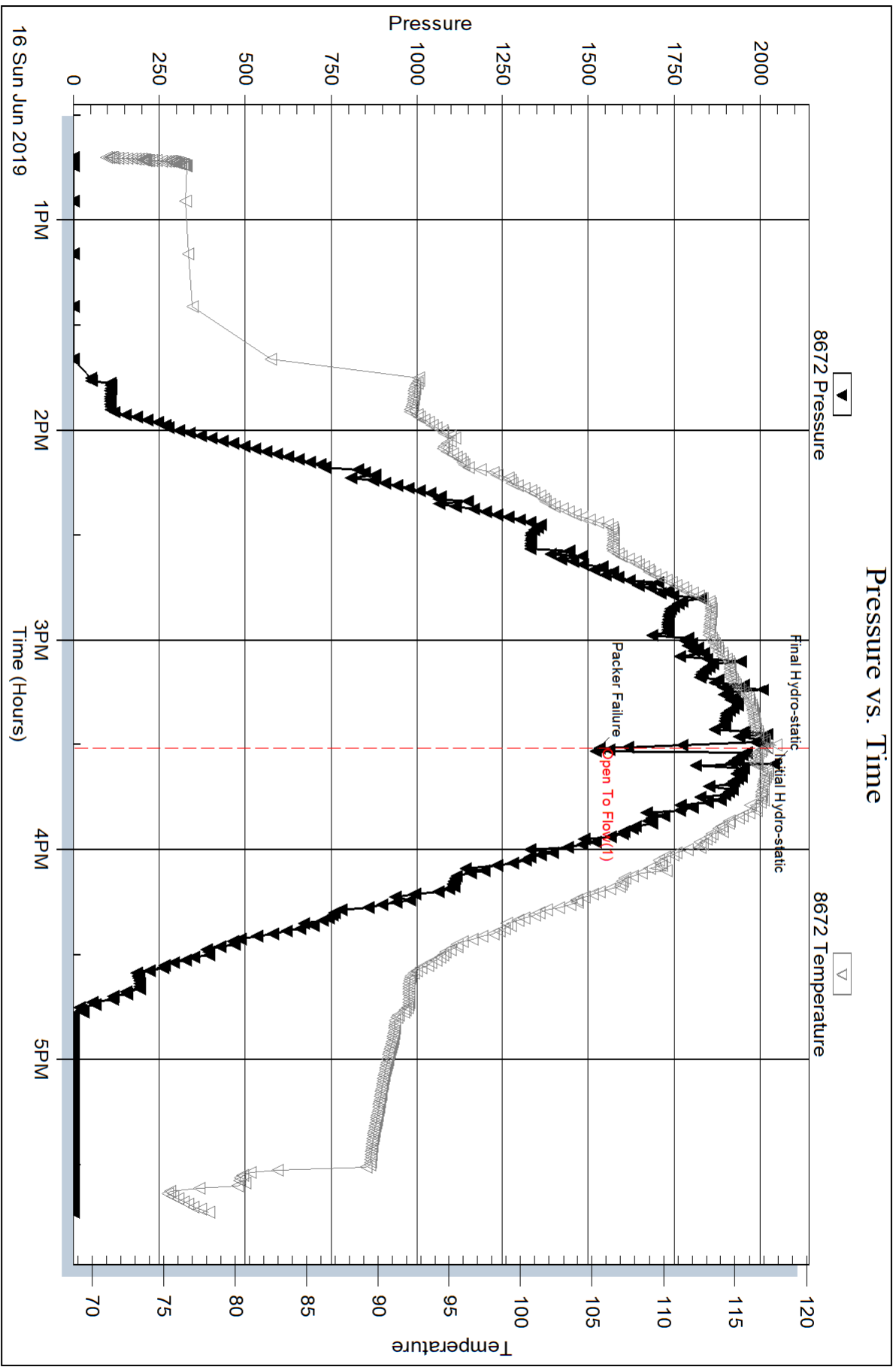
Serial #: 8672

Inside

Orca Operating Co

Shoffner 12-1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65876

Printed: 2019.06.17 @ 04:26:06

Serial #: 6751

Outside Orca Operating Co

Shoffner 12-1

DST Test Number: 1

