

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co

125 N Market Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

2-34S-12W Barber

Brown 1 A

Job Ticket: 65887

DST#: 2

Test Start: 2019.07.29 @ 16:07:00

GENERAL INFORMATION:

Formation: **Mississippi Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:11:32

Time Test Ended: 01:02:47

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 4795.00 ft (KB) To 4825.00 ft (KB) (TVD)

Total Depth: 4825.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1517.00 ft (KB)

1504.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8672 Inside

Press@RunDepth: 99.52 psig @ 4796.00 ft (KB)

Start Date: 2019.07.29

End Date:

2019.07.30

Start Time: 16:07:01

End Time:

01:02:47

Capacity: psig

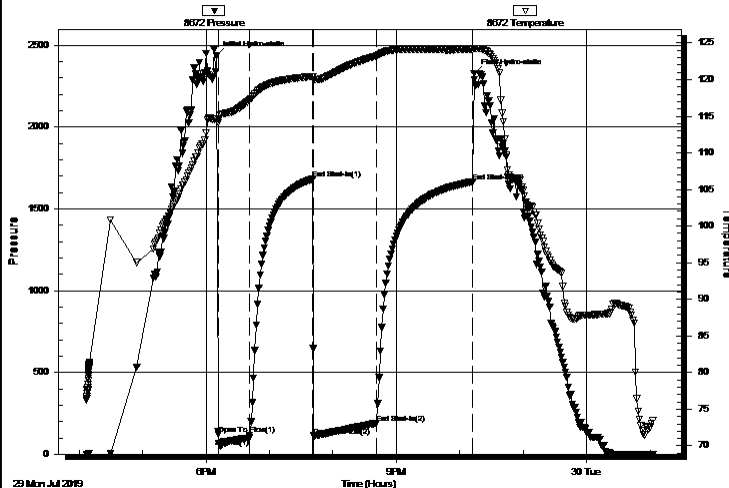
Last Calib.: 2019.07.30

Time On Btm: 2019.07.29 @ 18:10:02

Time Off Btm: 2019.07.29 @ 22:13:32

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes, Built to 87 inches
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 8 minutes, Built to 119 inches
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2435.82	114.66	Initial Hydro-static
2	120.37	114.12	Open To Flow (1)
31	99.52	117.21	Shut-In(1)
91	1683.22	120.39	End Shut-In(1)
92	111.54	119.98	Open To Flow (2)
152	189.75	123.23	End Shut-In(2)
243	1667.22	124.09	End Shut-In(3)
244	2325.66	124.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1625 GIP	0.00
312.00	Water	2.71
70.00	OMCW 10%O 14%M 76%W	0.98

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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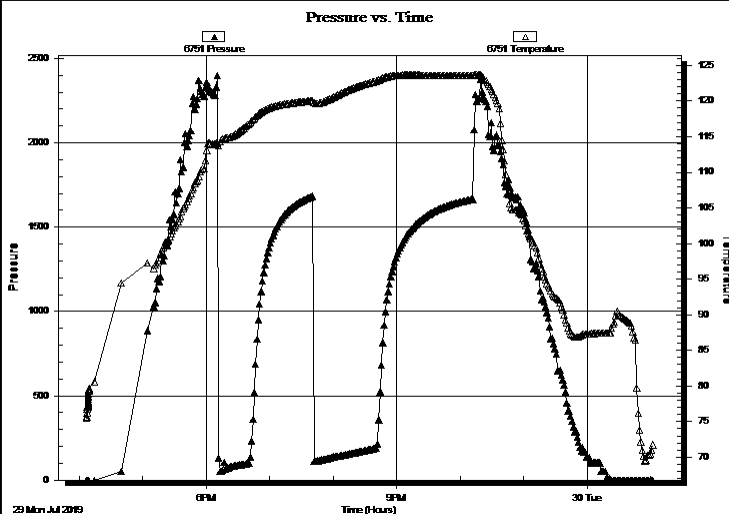
* Recovery from multiple tests



Test Start: 2019.07.29 @ 16:07:00

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FLUID SUMMARY

Woolsey Operating Co

2-34S-12W Barber

125 N Market Ste 1000
Wichita, KS 67202

Brown 1 A

Job Ticket: 65887

DST#: 2

ATTN: Bill Klaver

Test Start: 2019.07.29 @ 16:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 68.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 62000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1625 GIP	0.000
312.00	Water	2.709
70.00	OMCW 10%O 14%M 76%W	0.982

Total Length: 382.00 ft Total Volume: 3.691 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .1 @ 85 degrees

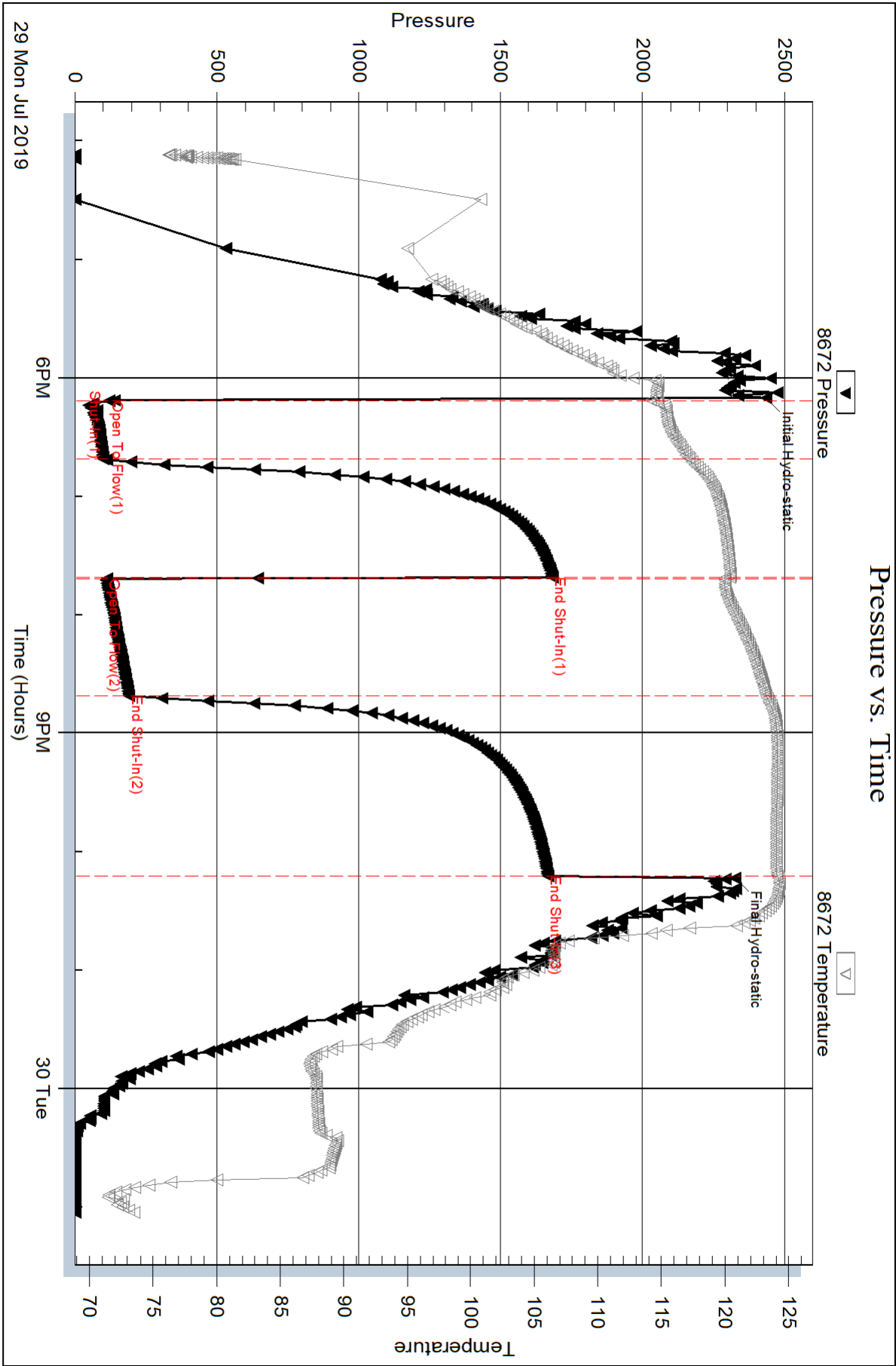
Serial #: 8672

Inside

Woodsey Operating Co

Brown 1 A

DST Test Number: 2



Serial #: 6751

Outside Woodsey Operating Co

Brown 1 A

DST Test Number: 2

