



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Triple Crown Operating LLC

S33-30S-22W

2201 S Utica PL STE 100
Tulsa Ok, 74114 + 7099

Barricklow #2-33

Job Ticket: 61868

DST#: 2

ATTN: Rod Anderson/ Warren

Test Start: 2016.12.09 @ 10:23:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:04:45

Time Test Ended: 17:21:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 4292.00 ft (KB) To 4362.00 ft (KB) (TVD)

Reference Elevations: 2187.00 ft (KB)

Total Depth: 4362.00 ft (KB) (TVD)

2179.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8368

Inside

Press@RunDepth: 96.78 psig @ 4293.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.12.09

End Date:

2016.12.09

Last Calib.:

2016.12.09

Start Time:

10:23:15

End Time:

17:21:45

Time On Btm:

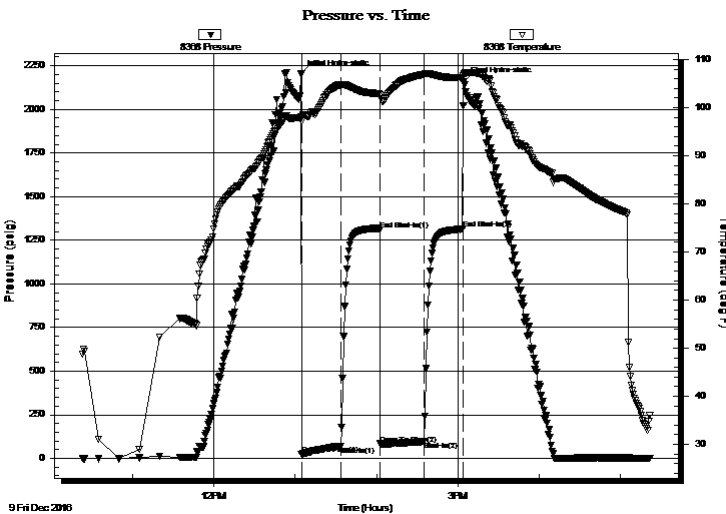
2016.12.09 @ 13:04:30

Time Off Btm:

2016.12.09 @ 15:04:30

TEST COMMENT: 30-IF-Strong Blow ; Built to 7 and 1/4 inches
30-ISI-Very Weak Surface Blow ; Built to 1/8 inch
30-FF-Fair Blow ; Built to 4 and 1/2 inches
30-FSI-Very slight surface blow ; few bubbles

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.28	98.07	Initial Hydro-static
1	22.48	97.19	Open To Flow (1)
30	70.60	104.76	Shut-In(1)
58	1310.03	102.97	End Shut-In(1)
58	82.66	102.60	Open To Flow (2)
91	96.78	106.95	Shut-In(2)
120	1313.92	106.20	End Shut-In(2)
120	2158.43	107.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	Mud 100% M	0.31
63.00	WCM 3% W 97%M	0.36
58.00	OWCM 10% O 15% W 75% M	0.81

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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2201 S Utica PL STE 100
Tulsa Ok, 74114 + 7099

Barricklow #2-33

Job Ticket: 61868

DST#: 2

ATTN: Rod Anderson/ Warren

Test Start: 2016.12.09 @ 10:23:00

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:

13000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	Mud 100% M	0.310
63.00	WCM 3% W 97%M	0.355
58.00	OWCM 10% O 15% W 75% M	0.814

Total Length: 184.00 ft

Total Volume: 1.479 bbl

Num Fluid Samples: 0

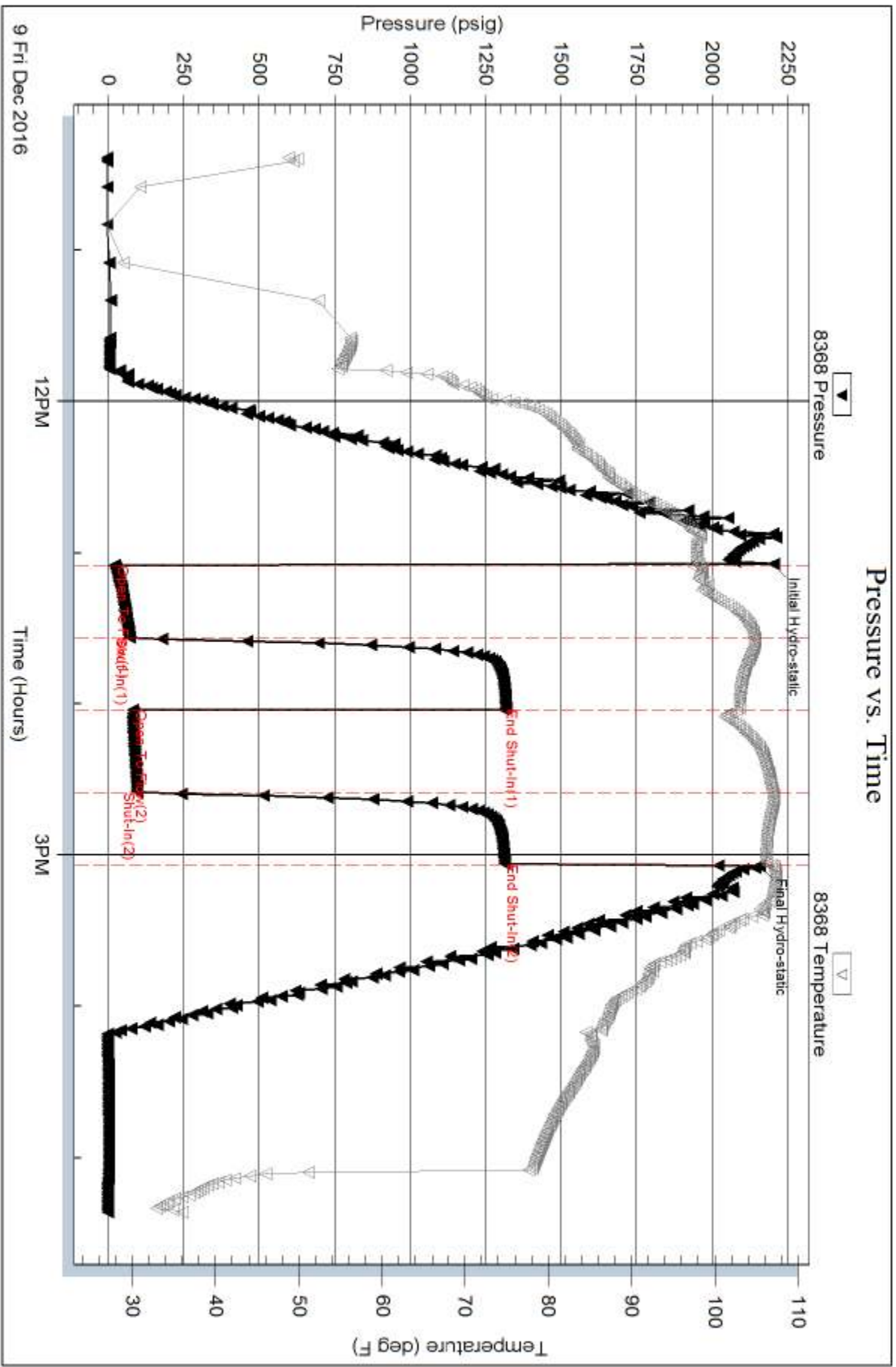
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

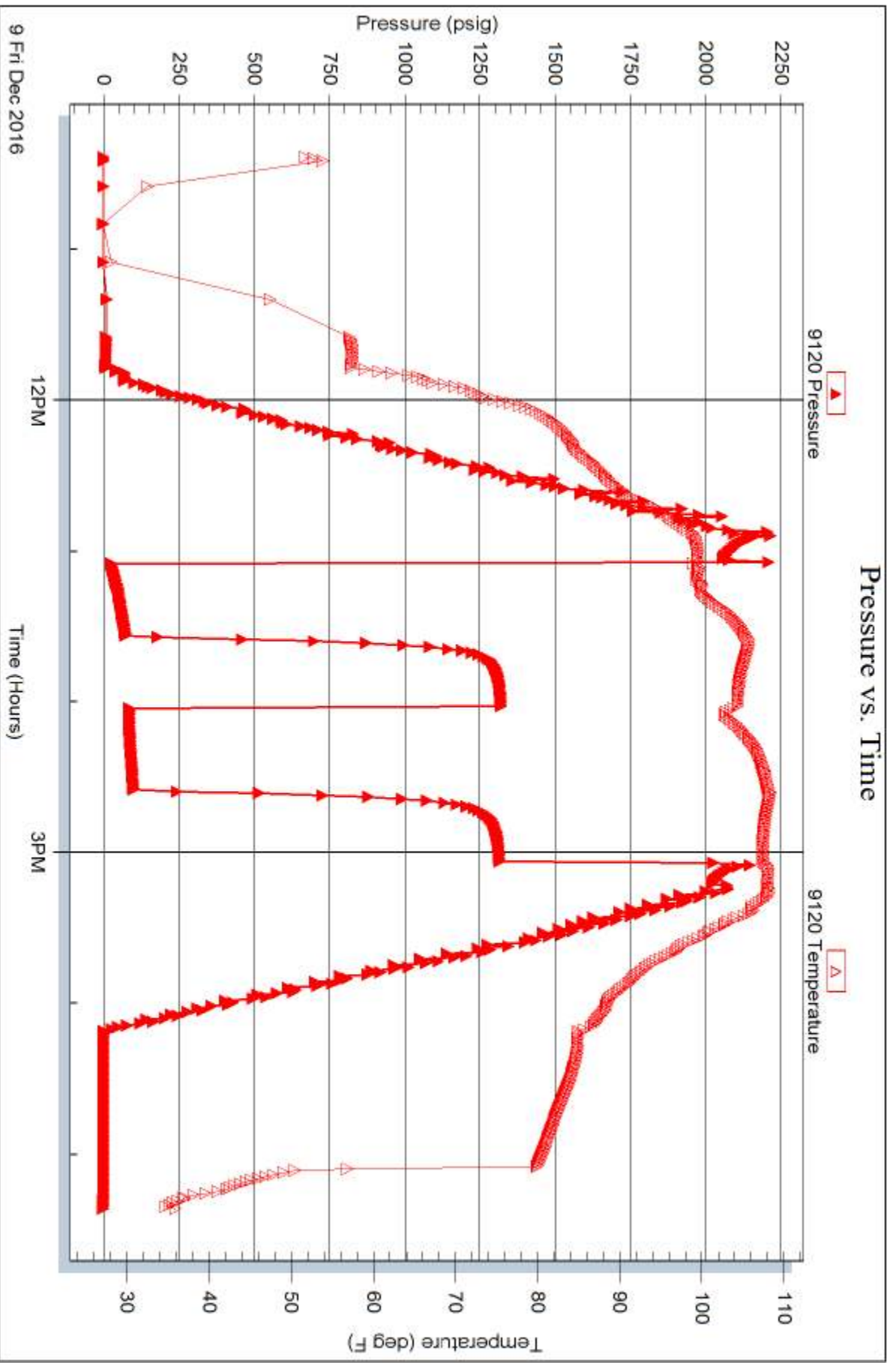


Serial #: 9120

Outside Triple Crown Operating LLC

Barricklow #2-33

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 61868

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