



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum, Inc.

12-15S-21W Trego, KS

522 N. Main St.
PO Box 560
Eureka, KS 67045
ATTN: Brad Rine

King #1-12

Job Ticket: 58077

DST#: 5

Test Start: 2016.03.23 @ 07:34:35

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:00:35

Time Test Ended: 15:19:35

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3845.00 ft (KB) To 3862.00 ft (KB) (TVD)

Reference Elevations: 2116.00 ft (KB)

Total Depth: 3862.00 ft (KB) (TVD)

2108.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6651

Inside

Press@RunDepth: 194.38 psig @ 3859.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.03.23

End Date:

2016.03.23

Last Calib.: 2016.03.23

Start Time: 07:34:36

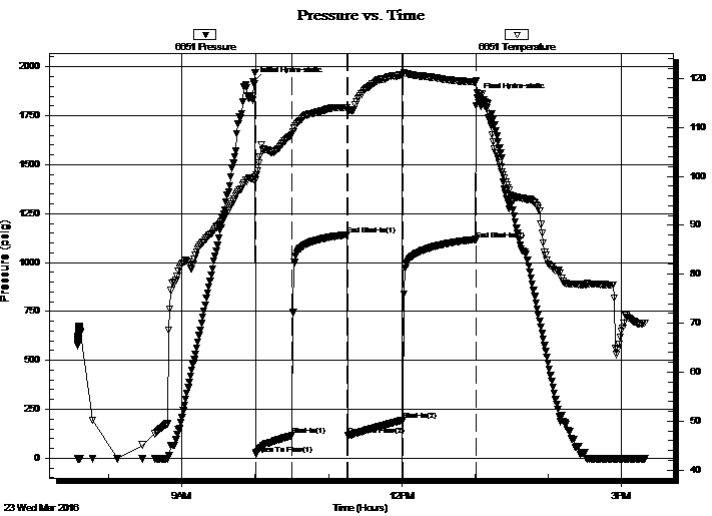
End Time:

15:19:35

Time On Btm: 2016.03.23 @ 09:58:35

Time Off Btm: 2016.03.23 @ 13:02:05

TEST COMMENT: 30- IF- BOB 19mins
45- IS- No blow
45- FF- BOB 21mins
60- FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.29	99.41	Initial Hydro-static
2	22.31	99.24	Open To Flow (1)
32	115.48	108.53	Shut-In(1)
77	1142.28	113.96	End Shut-In(1)
78	116.13	113.52	Open To Flow (2)
123	194.38	120.78	Shut-In(2)
182	1117.94	119.22	End Shut-In(2)
184	1843.47	117.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
251.00	MW, 20%M 80%W	2.43
126.00	WOCM, 10%O 30%W 60%M	1.79
31.00	SWMCO, 5%W 10%M 85%O	0.44

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 9000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 34 deg API
Water Salinity: 38000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
251.00	MW, 20%M 80%W	2.429
126.00	WOCM, 10%O 30%W 60%M	1.786
31.00	SWMCO, 5%W 10%M 85%O	0.439

Total Length: 408.00 ft Total Volume: 4.654 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

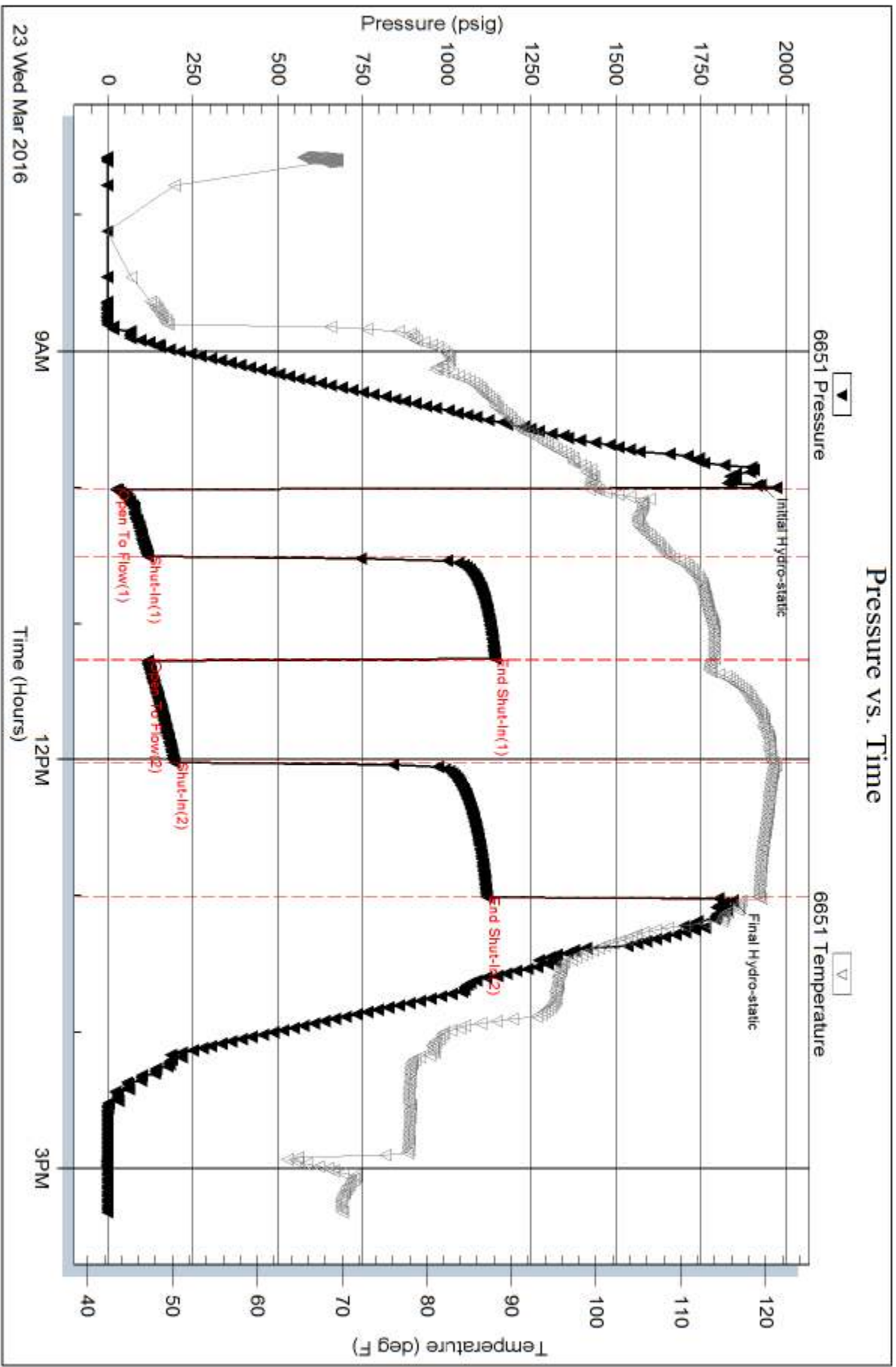
Serial #: 6651

Inside

Daystar Petroleum, Inc.

King #1-12

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 58077

Printed: 2016.03.23 @ 15:38:32