



**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: 64848

DST#: 1

Test Start: 2016.03.20 @ 03:29:18

GENERAL INFORMATION:

Formation: **LKC "D&E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:59:48

Time Test Ended: 13:42:18

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 3487.00 ft (KB) To 3526.00 ft (KB) (TVD)

Reference Elevations: 2116.00 ft (KB)

Total Depth: 3526.00 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 @ Run Depth: 645.86 psig @ 3492.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.03.20

End Date:

2016.03.20

Last Calib.:

2016.03.20

Start Time: 03:29:19

End Time:

13:42:18

Time On Btm:

2016.03.20 @ 07:58:48

Time Off Btm:

2016.03.20 @ 10:46:18

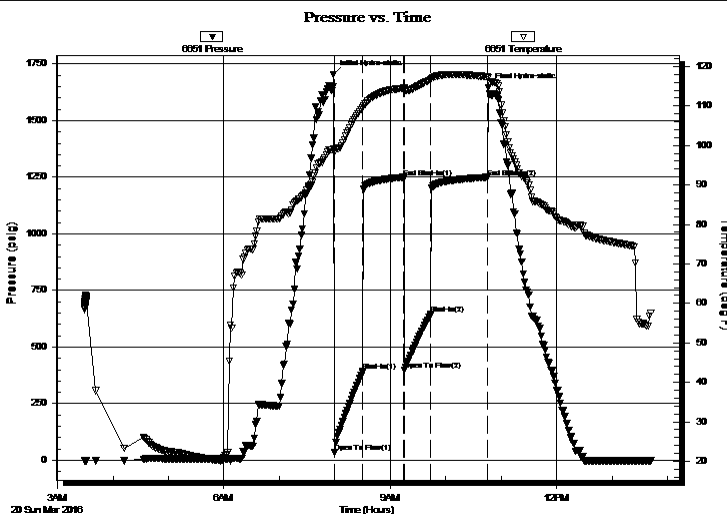
TEST COMMENT:

30- IF- BOB 4mins

45- IS- Surface blow built very slow ly to .5" then died back to surface blow after 33mins

30- FF- BOB 4mins

60- FSI- Surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.28	99.02	Initial Hydro-static
1	33.35	98.19	Open To Flow (1)
32	392.76	109.65	Shut-In(1)
76	1249.68	114.47	End Shut-In(1)
77	398.53	114.15	Open To Flow (2)
105	645.86	116.59	Shut-In(2)
167	1249.75	117.37	End Shut-In(2)
168	1644.87	117.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1240.00	SMW, 5%M 95%W	16.45

Gas Rates

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



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FLUID SUMMARY

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12-15S-21W Trego, KS

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PO Box 560
Eureka, KS 67045
ATTN: Brad Rine

King #1-12

Job Ticket: 64848

DST#: 1

Test Start: 2016.03.20 @ 03:29:18

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 8.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 4.80 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 55000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1240.00	SMW, 5%M 95%W	16.448

Total Length: 1240.00 ft Total Volume: 16.448 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

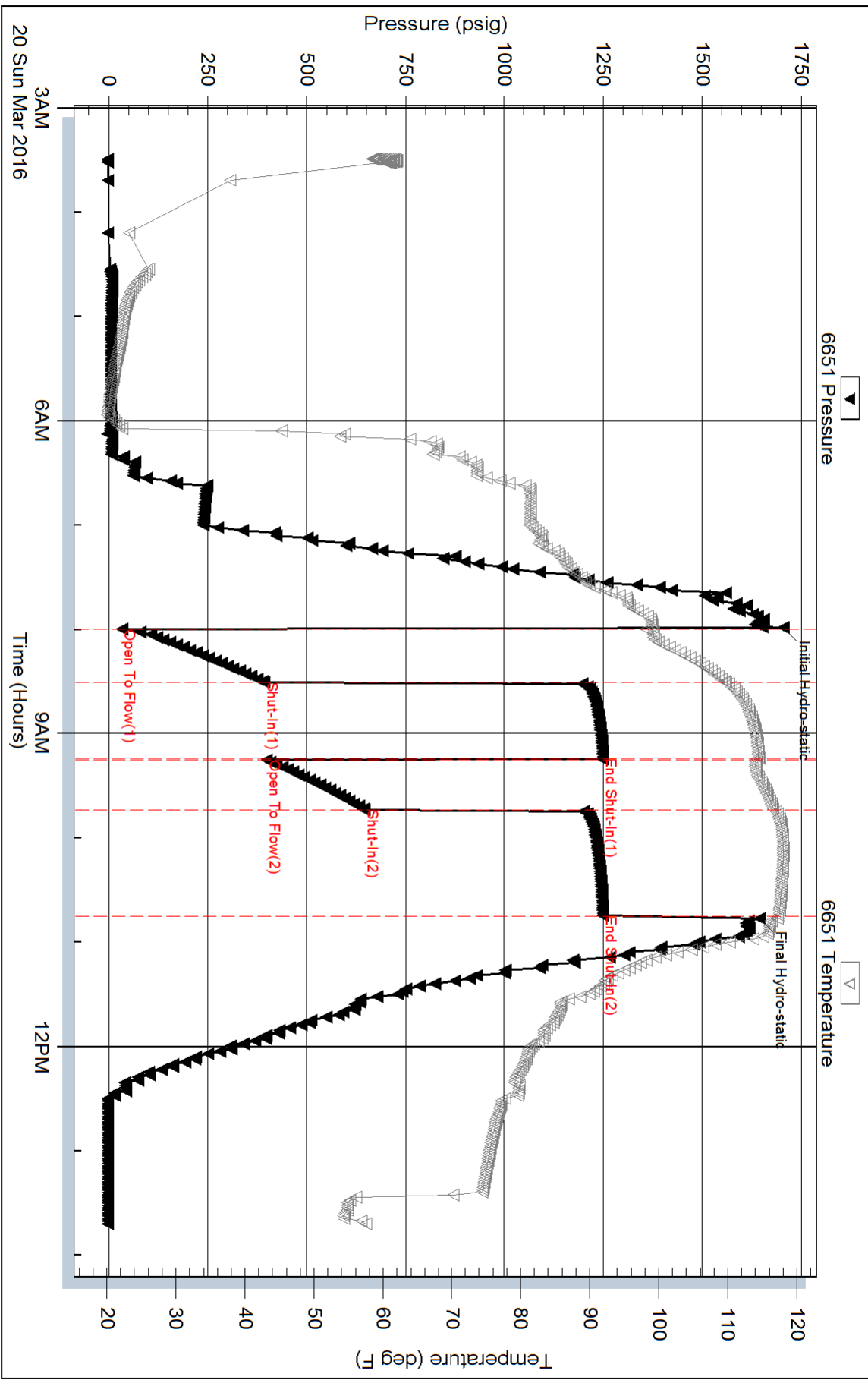
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6839

Outside Daystar Petroleum, Inc.

King #1-12

DST Test Number: 1

