



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mid-Continent Energy Corp.

1-12S-16W Ellis, KS

105 S. Broadway
Ste. 360
Wichita, KS 67202
ATTN: Eii J. Felts

National Loan #4-1

Job Ticket: 63291

DST#: 1

Test Start: 2017.08.26 @ 10:50:23

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:29:53

Time Test Ended: 17:30:53

Test Type: Conventional Bottom Hole (Initial)

Tester: Brannan Lonsdale

Unit No: 73

Interval: 2753.00 ft (KB) To 2786.00 ft (KB) (TVD)

Reference Elevations: 1824.00 ft (KB)

Total Depth: 2786.00 ft (KB) (TVD)

1819.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6753

Press@RunDepth: 47.76 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.08.26

End Date: 2017.08.26

Last Calib.: 2017.08.26

Start Time: 10:50:28

End Time: 17:30:52

Time On Btm: 2017.08.26 @ 13:28:53

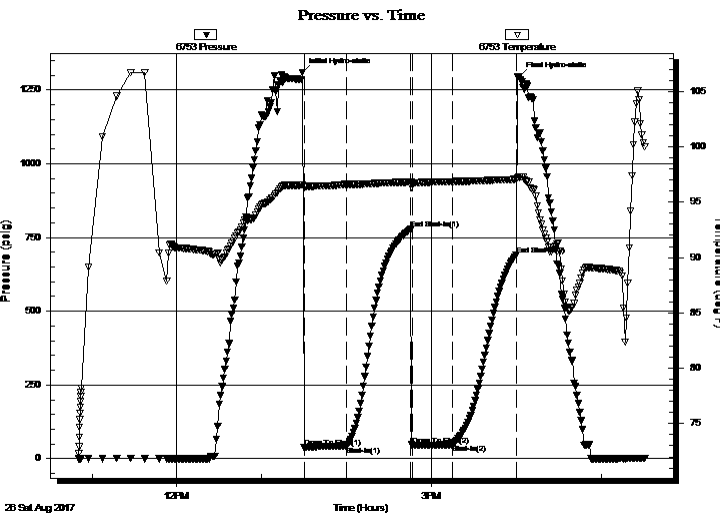
Time Off Btm: 2017.08.26 @ 16:01:53

TEST COMMENT: 30- IF- Surface blow died in 11mins

45- IS- No blow

30- FF- No blow

45- FSI- No blow



PRESSURE SUMMARY

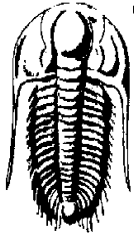
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1309.62	96.58	Initial Hydro-static
1	37.46	96.40	Open To Flow (1)
31	43.68	96.61	Shut-In(1)
77	777.64	96.83	End Shut-In(1)
78	45.06	96.69	Open To Flow (2)
106	47.76	96.86	Shut-In(2)
151	691.93	97.07	End Shut-In(2)
153	1296.13	97.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	SOCM, 5%O 95%M	0.32

Gas Rates

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



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FLUID SUMMARY

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1-12S-16W Ellis, KS

105 S. Broadway
Ste. 360
Wichita, KS 67202
ATTN: Eii J. Felts

National Loan #4-1

Job Ticket: 63291

DST#: 1

Test Start: 2017.08.26 @ 10:50:23

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
65.00	SOCM, 5%O 95%M	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

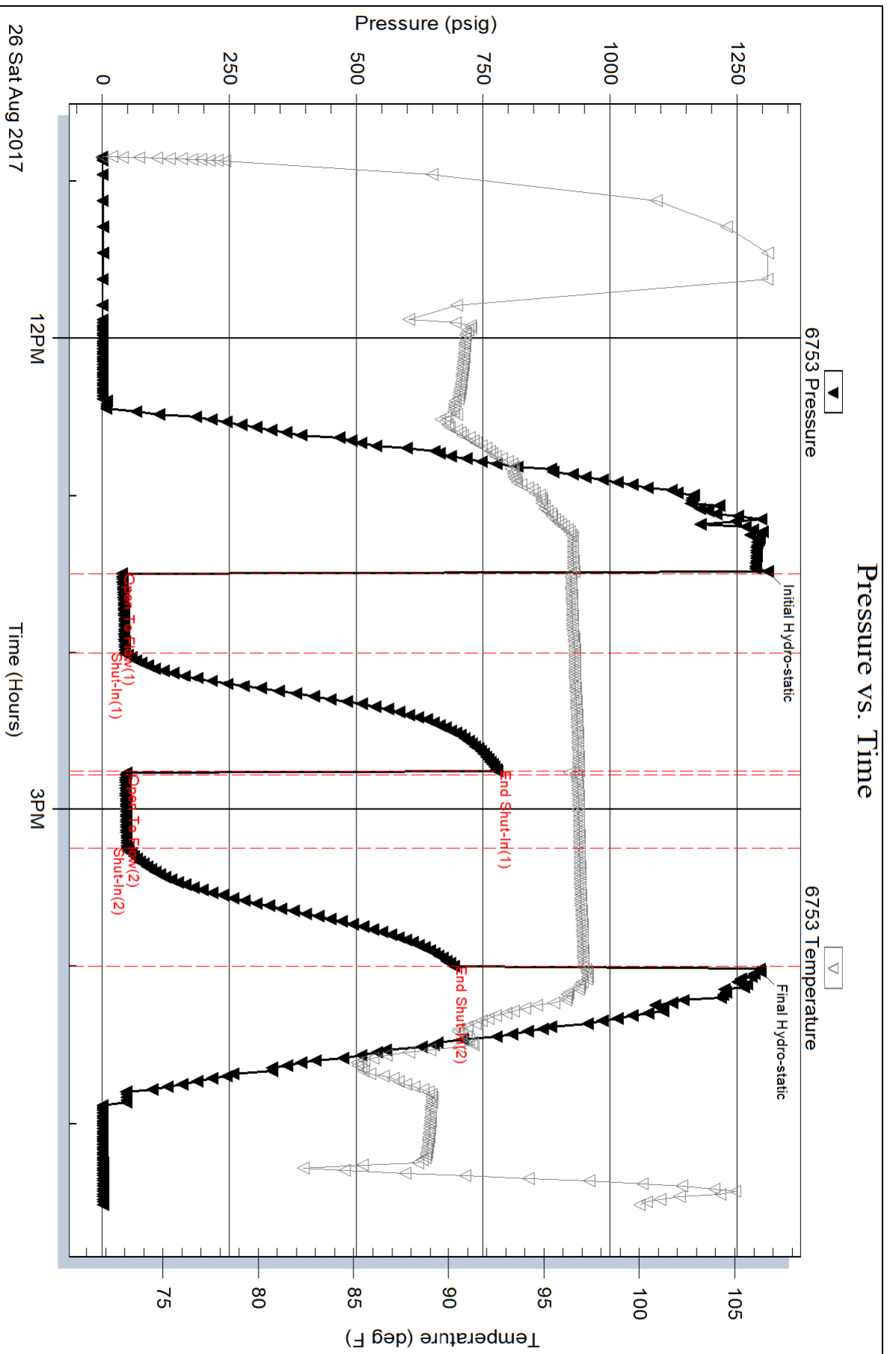
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6771

Inside

Mtd- Continent Energy Corp.

National Loan #4-1

DST Test Number: 1

