



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mid Continent Energy Corp
105 S. Broadway
STE 360
Wichita Ks 67202-4280
ATTN: Eli Felts, Jeff Burk

8-16s-10w Ellsworth

White B #3

Job Ticket: 64088

DST#: 2

Test Start: 2017.01.16 @ 00:20:25

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:21:35

Time Test Ended: 07:30:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 77

Interval: **3344.00 ft (KB) To 3349.00 ft (KB) (TVD)**

Total Depth: 3349.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1862.00 ft (KB)

1851.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8018

Inside

Press@RunDepth: 136.30 psig @ 3345.00 ft (KB)

Start Date: 2017.01.16

End Date:

2017.01.16

Start Time: 00:20:25

End Time:

07:30:49

Capacity: 8000.00 psig

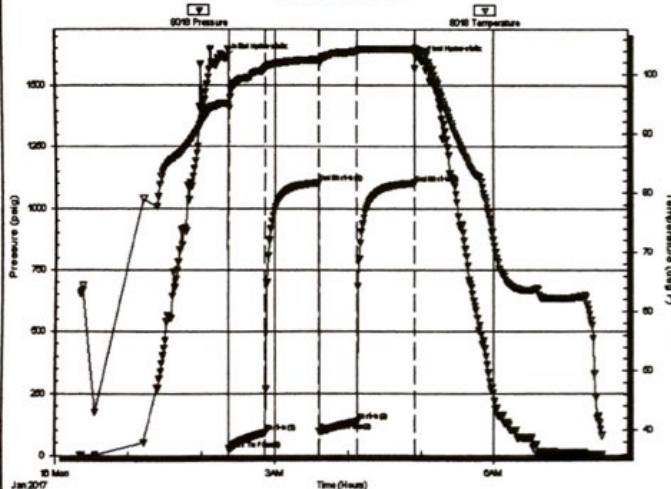
Last Calib.: 2017.01.16

Time On Btrr: 2017.01.16 @ 02:18:35

Time Off Btrr: 2017.01.16 @ 05:00:34

TEST COMMENT: 30-IFP-w k to strg in 11 min
45-ISIP-no bl
30-FFP-w k to a gd bl 1/2"to 7"bl
45-FSIP-no bl

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.01	95.09	Initial Hydro-static
3	25.35	94.24	Open To Flow (1)
33	92.08	101.14	Shut-In(1)
77	1103.04	102.54	End Shut-In(1)
78	95.48	102.04	Open To Flow (2)
109	136.30	103.93	Shut-In(2)
157	1102.49	104.29	End Shut-In(2)
162	1601.01	103.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	O&GCMW 8%O10%G20%M62%W	0.30
280.00	CO	3.40
0.00	215'GIP	0.00

* Recovery from multiple tests

Gas Rates

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

Serial #: 8018

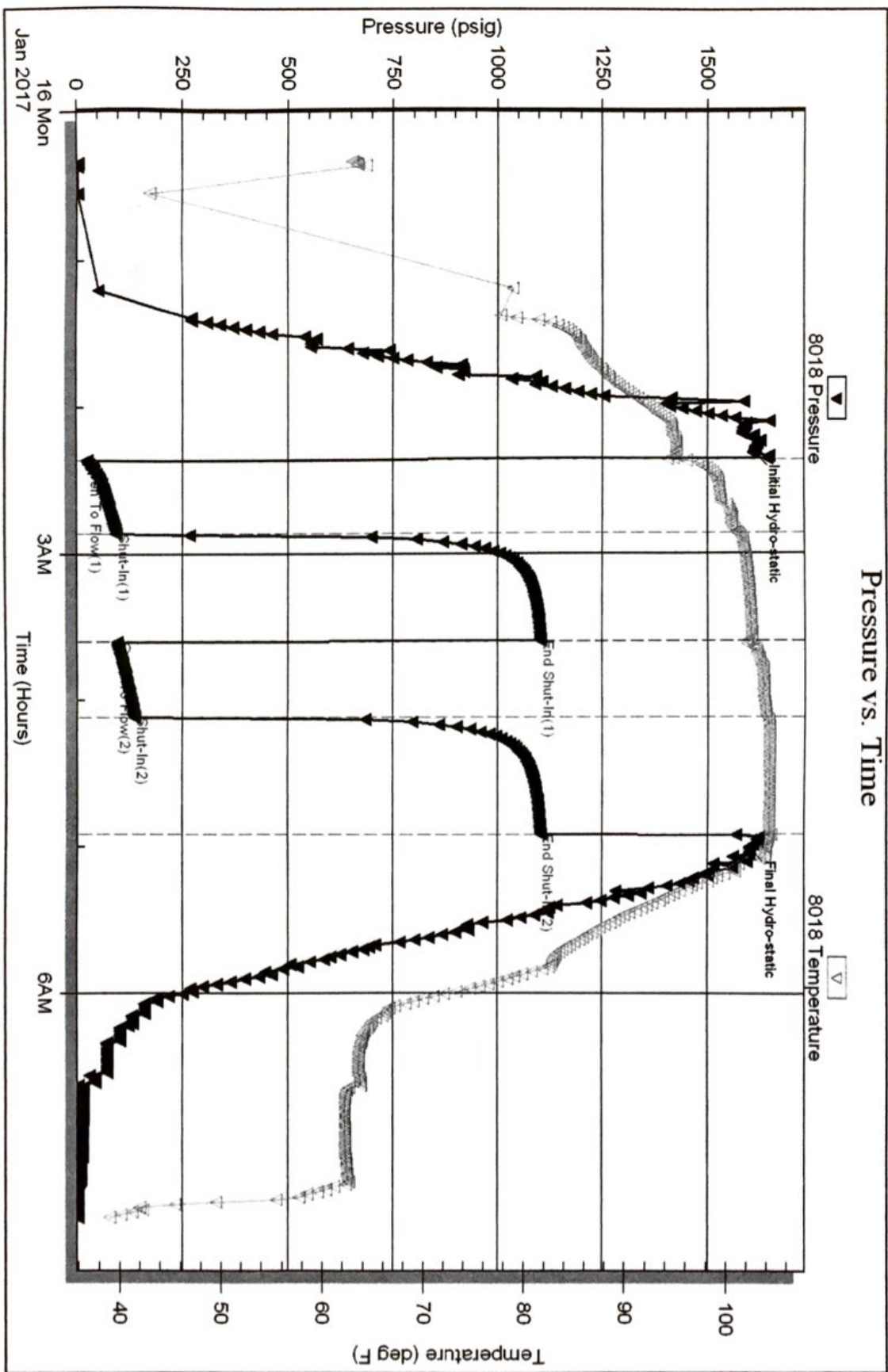
Inside

Md Continent Energy Corp

Write B#3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64088

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