

15-135-24828


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Energies

#2-14 Sunley

 155 N. Market Ste. 710
 Wichita, Ks
 67202

ATTN: Doug Davis

14-16s-21w/Ness

Job Ticket: 32451

DST#: 1

Test Start: 2008.08.01 @ 18:56:09

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:42:04

Time Test Ended: 00:59:03

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4116.00 ft (KB) To 4139.00 ft (KB) (TVD)

Total Depth: 4139.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2275.00 ft (KB)

2270.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8371

Outside

Press@RunDepth: 22.86 psig @ 4121.00 ft (KB)

Start Date: 2008.08.01

End Date:

2008.08.02

Capacity: 7000.00 psig

Last Calib.: 2008.08.02

Start Time: 18:56:09

End Time:

00:59:03

Time On Btm: 2008.08.01 @ 21:41:04

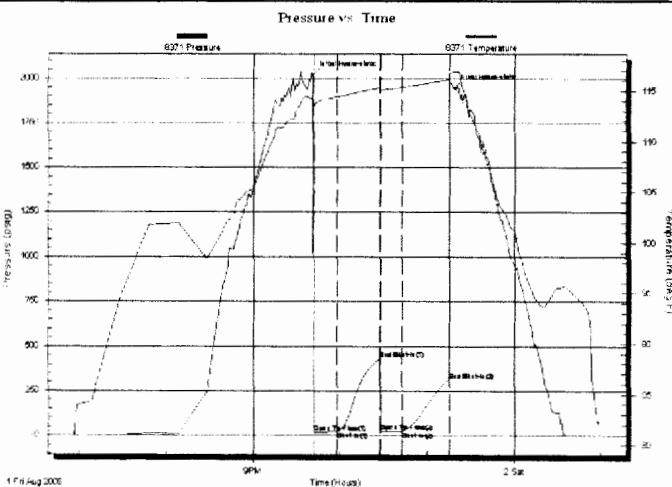
Time Off Btm: 2008.08.01 @ 23:18:33

TEST COMMENT: IFP - sur blow - died 11 min.

ISI - no blow back

FFP - no blow

FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2018.84	114.34	Initial Hydro-static
1	18.37	113.28	Open To Flow (1)
17	21.91	114.43	Shut-In(1)
47	430.57	115.30	End Shut-In(1)
47	21.91	114.96	Open To Flow (2)
62	22.86	115.36	Shut-In(2)
94	310.27	116.12	End Shut-In(2)
98	1942.84	116.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud w/ O spots M100%	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 32451

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 CONSERVATION DIVISION
 WICHITA, KS

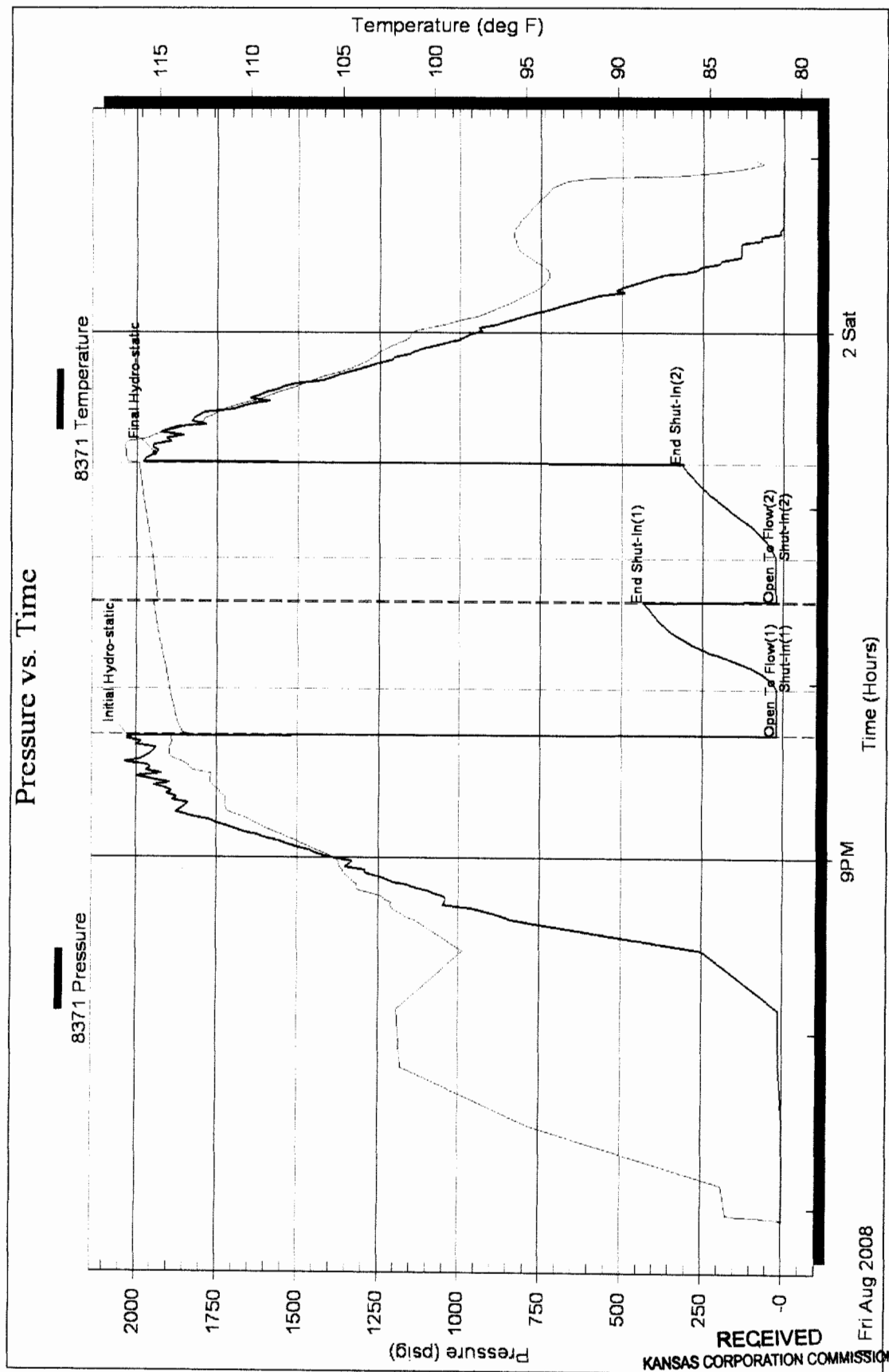
DST Test Number: 1

14-16s-21w /Ness

Outside American Energies

Serial #: 8371

Pressure vs. Time



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WICHITA, KS

Ref. No: 32451

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

American Energies

155 N. Market Ste. 710
Wichita, Ks
67202
ATTN: Doug Davis

#2-14 Sunley

14-16s-21w/Ness

Job Ticket: 32452

DST#: 2

Test Start: 2008.08.02 @ 06:45:09

GENERAL INFORMATION:

Formation: Cherokee Sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:50:04

Time Test Ended: 14:29:03

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 4145.00 ft (KB) To 4155.00 ft (KB) (TVD)

Total Depth: 4155.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2275.00 ft (KB)

2270.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8371

Outside

Press@RunDepth: 633.15 psig @ 4150.00 ft (KB)

Start Date: 2008.08.02

End Date:

2008.08.02

Start Time: 06:45:09

End Time:

14:29:03

Capacity: 7000.00 psig

Last Calib.: 2008.08.02

Time On Btm: 2008.08.02 @ 08:49:04

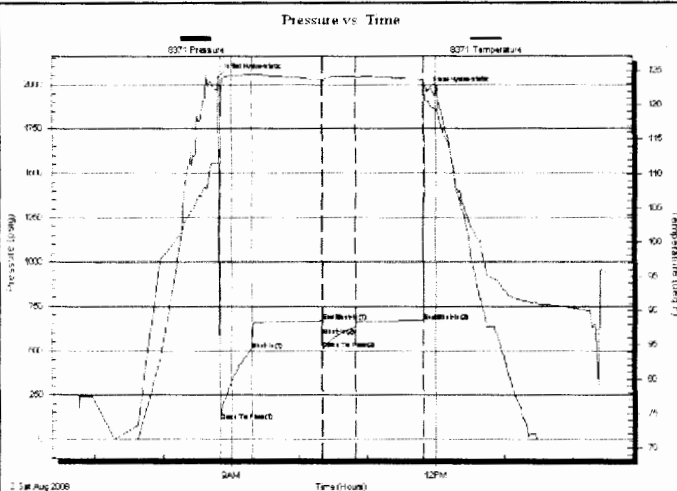
Time Off Btm: 2008.08.02 @ 11:52:33

TEST COMMENT: IFP - BOB 2 min.

ISI - sur blow back - died 6 min.

FFP - BOB 6 min.

FSI - no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.88	111.75	Initial Hydro-static
1	104.83	114.27	Open To Flow (1)
29	505.87	124.42	Shut-In (1)
91	665.79	123.73	End Shut-In (1)
92	507.57	123.63	Open To Flow (2)
121	633.15	124.11	Shut-In (2)
180	666.18	123.68	End Shut-In (2)
184	1965.71	120.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1115.00	GMV 5%G, 90%W, 5%M	13.40
185.00	WM 50%W, 50%M	2.60

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TriLOBITE Testing, Inc

Ref. No: 32452

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WICHITA, KS

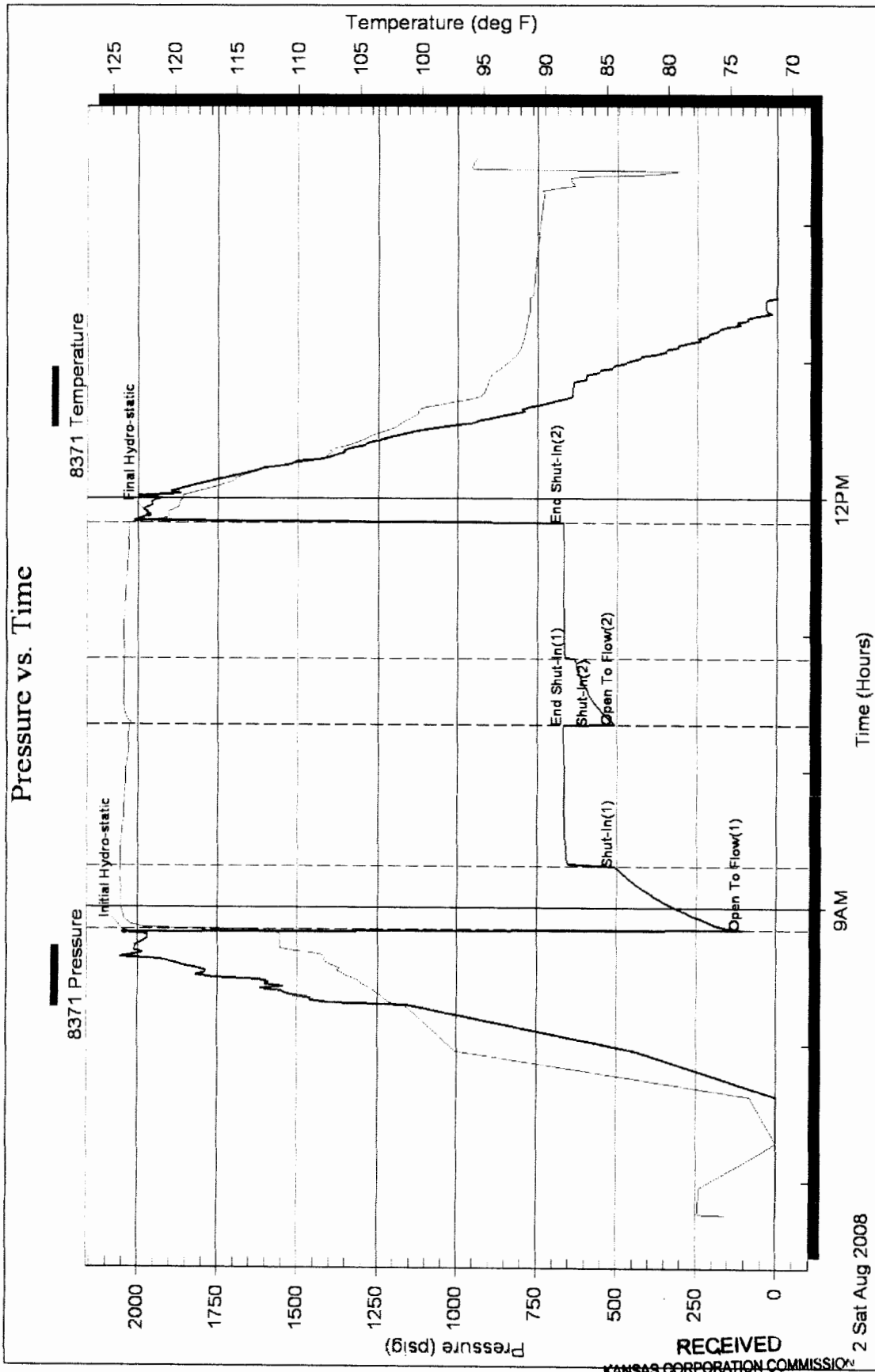
Serial #: 8371

Outside

American Energies

14-16s-21w /Ness

DST Test Number: 2



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Ref. No: 32452

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