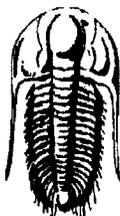


15-095-22188

14-28s-8w



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

MTM Petroleum Inc.

P.O.Box 391
Kingman, KS 67068

ATTN: Jerry A. Smith

Simons #1

14-28s-8w Kingman Ks

Job Ticket: 35064

DST#: 1

Test Start: 2009.06.07 @ 23:18:19

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:53:49

Time Test Ended: 06:51:34

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **3724.00 ft (KB) To 3766.00 ft (KB) (TVD)**

Total Depth: **3766.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1607.00 ft (KB)**

1597.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: **96.03 psig @ 3725.00 ft (KB)**

Start Date: **2009.06.07** End Date:

Start Time: **23:18:24** End Time:

Capacity: **7000.00 psig**

Last Calib.: **2009.06.08**

Time On Btm: **2009.06.08 @ 01:52:04**

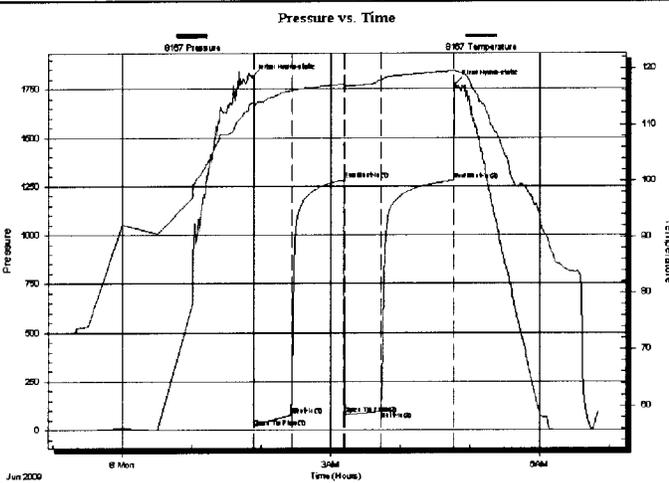
Time Off Btm: **2009.06.08 @ 04:47:04**

TEST COMMENT: IF:Weak to fair blow . 1 - 5 1/2".

IS:No blow .

FF:Weak blow . 1/4 - 1 1/2".

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.82	113.85	Initial Hydro-static
2	18.06	113.15	Open To Flow (1)
34	76.87	116.03	Shut-In(1)
80	1281.51	117.23	End Shut-In(1)
80	80.18	116.82	Open To Flow (2)
111	96.03	117.95	Shut-In(2)
174	1278.57	119.52	End Shut-In(2)
175	1773.54	119.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MW w/few o specs 31% m 69% w	0.73
0.00	Rw .09 ohms @ 64 deg.	0.00
0.00	60 ft. of GIP	0.00

Gas Rates

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc.

Simons #1

P.O.Box 391
Kingman, KS 67068

14-28s-8w Kingman Ks

Job Ticket: 35064 **DST#: 1**

ATTN: Jerry A. Smith

Test Start: 2009.06.07 @ 23:18:19

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 99000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MW w/few o specs 31% m 69% w	0.730
0.00	Rw .09 ohms @ 64 deg.	0.000
0.00	60 ft. of GIP	0.000

Total Length: 130.00 ft Total Volume: 0.730 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

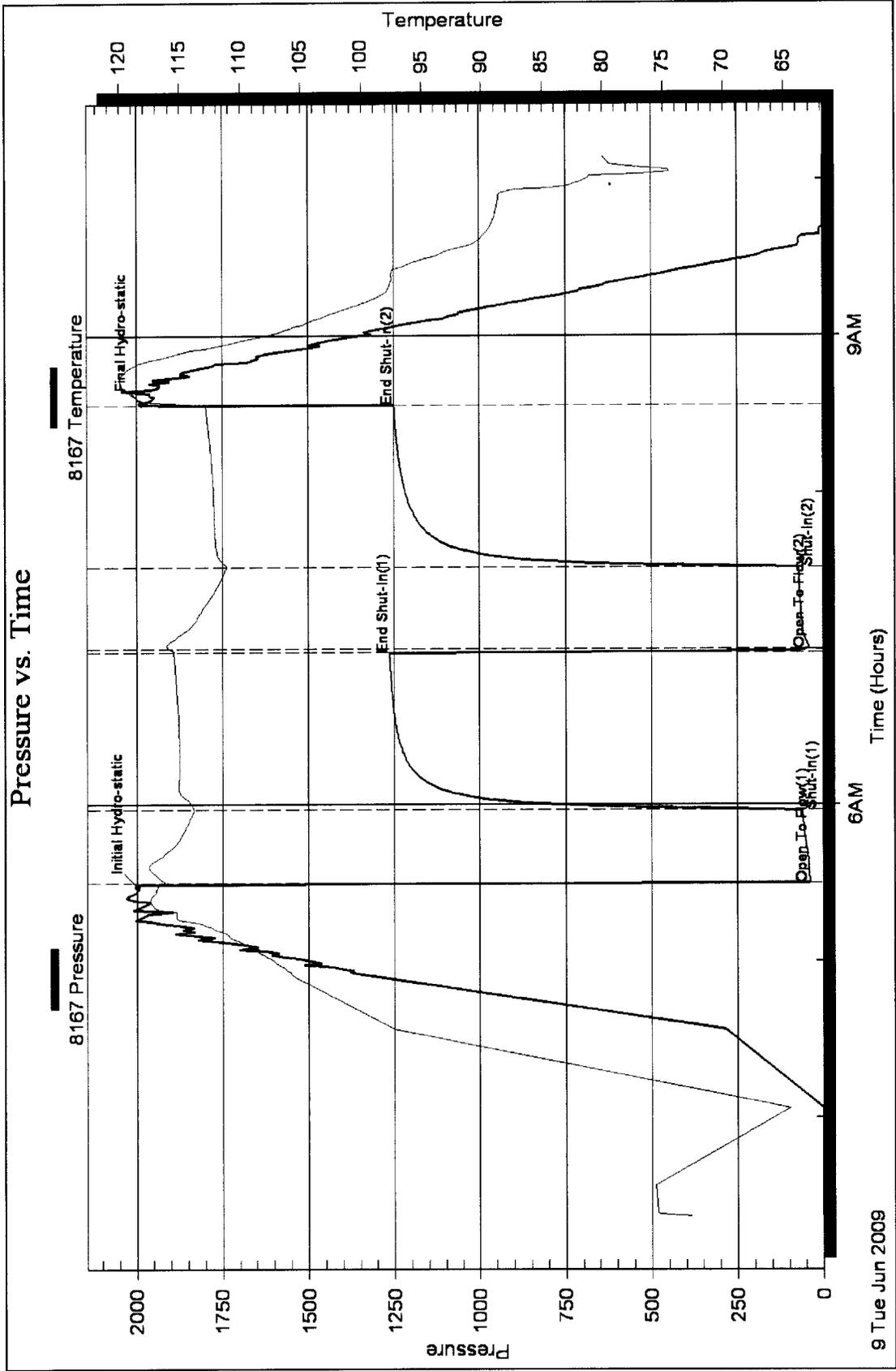
Inside

MTM Petroleum Inc.

14-28s-8w Kingman Ks

DST Test Number: 1

Pressure vs. Time



9 Tue Jun 2009

6AM

9AM

Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MTM Petroleum Inc.

P.O.Box 391
Kingman, KS 67068

ATTN: Jerry A. Smith

Simons #1

14-28s-8w Kingman Ks

Job Ticket: 35065

DST#: 2

Test Start: 2009.06.09 @ 03:21:32

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:29:47

Time Test Ended: 10:09:17

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4044.00 ft (KB) To 4055.00 ft (KB) (TVD)**

Total Depth: 4055.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1607.00 ft (KB)

1597.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 70.12 psig @ 4045.00 ft (KB)

Start Date: 2009.06.09

End Date: 2009.06.09

Capacity: 7000.00 psig

Last Calib.: 2009.06.09

Start Time: 03:21:37

End Time: 10:09:16

Time On Btm: 2009.06.09 @ 05:28:17

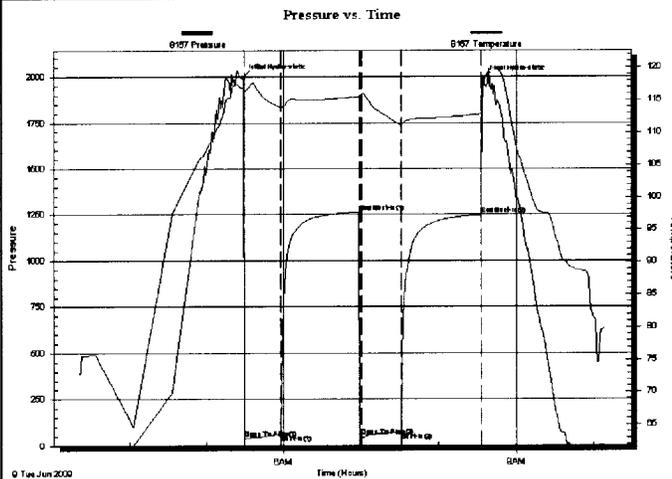
Time Off Btm: 2009.06.09 @ 08:34:01

TEST COMMENT: IF: Strong blow . GTS in 6 1/2 mins. (see gas flow report)

IS: Weak blow . 1/4" or less.

FF: Strong blow . (see gas flow report)

FS: Weak blow . 1/4 - 1/2".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.87	116.85	Initial Hydro-static
2	41.23	116.19	Open To Flow (1)
30	59.95	113.82	Shut-In(1)
91	1262.94	115.54	End Shut-In(1)
92	47.61	115.89	Open To Flow (2)
123	70.12	111.14	Shut-In(2)
185	1249.71	112.85	End Shut-In(2)
186	1983.02	114.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GCM 4%g 96% m	0.59

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	11.00	93.05
Last Gas Rate	0.38	31.00	166.31
Max. Gas Rate	0.38	31.00	166.31

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc.

Simons #1

P.O.Box 391
Kingman, KS 67068

14-28s-8w Kingman Ks

Job Ticket: 35065 **DST#: 2**

ATTN: Jerry A.Smith

Test Start: 2009.06.09 @ 03:21:32

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	6000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GCM 4%g 96%m	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-2

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments:

Serial #: 8167

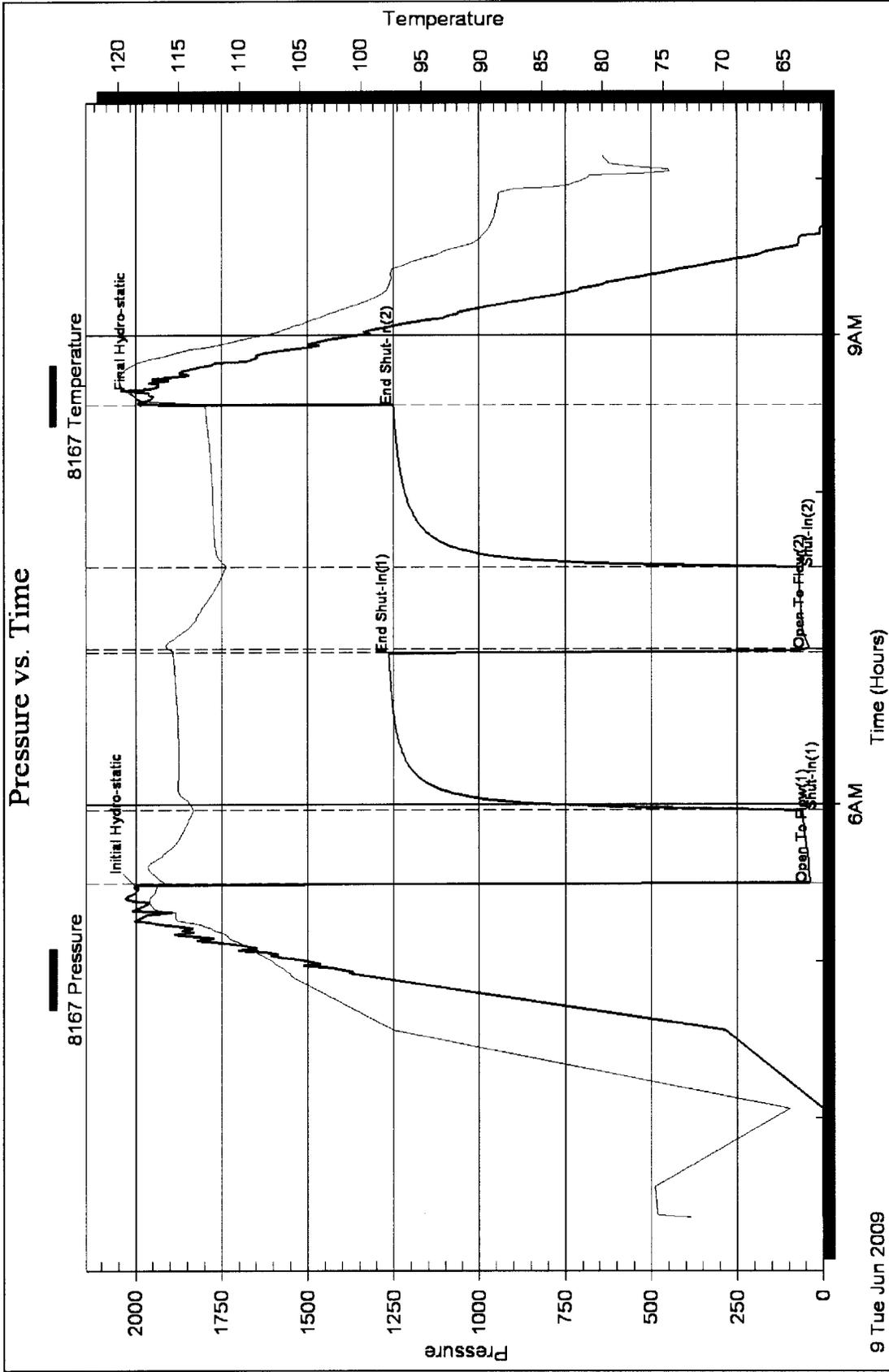
Inside

MTM Petroleum Inc.

14-28s-8w Kingman Ks

DST Test Number: 2

Pressure vs. Time



9 Tue Jun 2009

Trilobite Testing, Inc

Ref. No: 35065

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