



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

American Energies Corp.

**Murphy#1-25**

155 N. Market, Ste. 155  
Wichita Ks. 67202

**25-29s-12w Pratt Ks.**

ATTN: David Goldak

Job Ticket: 042520

**DST#: 3**

Test Start: 2011.07.23 @ 04:03:02

## GENERAL INFORMATION:

Formation: **Lwr. Douglas SS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:20:32

Time Test Ended: 12:12:47

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 3858.00 ft (KB) To 3864.00 ft (KB) (TVD)**

Reference Elevations: 1876.00 ft (KB)

Total Depth: 3864.00 ft (KB) (TVD)

1866.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8167**

**Inside**

Press @ RunDepth: 40.75 psig @ 3859.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.23

End Date:

2011.07.23

Last Calib.:

2011.07.23

Start Time:

04:03:07

End Time:

12:12:46

Time On Btm:

2011.07.23 @ 06:18:02

Time Off Btm:

2011.07.23 @ 10:15:17

## TEST COMMENT:

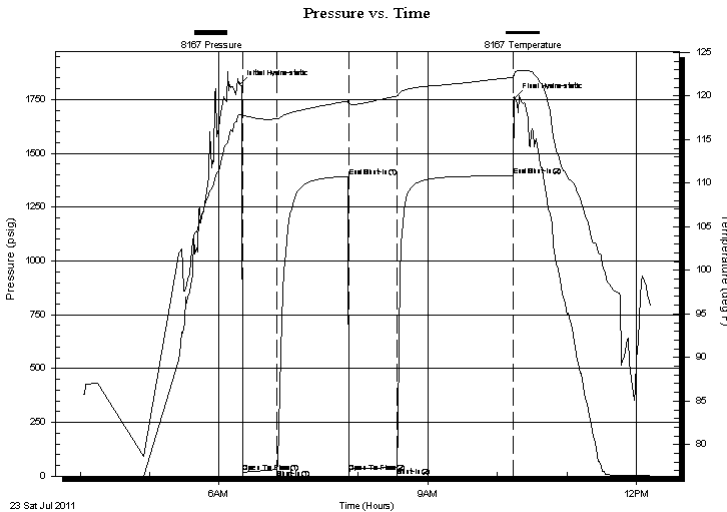
IF: Strong blow . B.O.B. in 2 mins.

IS: No blow .

FF: Strong blow . B.O.B. in 1 - 2 secs. GTS in 16 mins. (see gas flow report)

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.10	117.84	Initial Hydro-static
3	15.95	117.65	Open To Flow (1)
32	30.56	117.40	Shut-In(1)
94	1392.82	119.44	End Shut-In(1)
94	18.64	119.00	Open To Flow (2)
136	40.75	120.03	Shut-In(2)
236	1396.05	122.16	End Shut-In(2)
238	1756.90	122.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	MW 45% m 55% w / Rw .16 ohms @ 101 deg	0.32

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.00	26.02
Last Gas Rate	0.25	3.50	28.40
Max. Gas Rate	0.25	3.50	28.40



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## 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:

28000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	MW 45% m 55% w / Rw .16ohms @ 101deg	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: Caraway

Laboratory Location:

Recovery Comments:

