



**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: 042522

DST#: 4

Test Start: 2011.07.25 @ 17:35:26

GENERAL INFORMATION:

Formation: **Simpson SS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:45:11

Time Test Ended: 02:21:41

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 4586.00 ft (KB) To 4615.00 ft (KB) (TVD)

Reference Elevations: 1876.00 ft (KB)

Total Depth: 4615.00 ft (KB) (TVD)

1866.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8167 Inside

Press @RunDepth: 168.28 psig @ 4587.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.25

End Date:

2011.07.26

Last Calib.:

2011.07.26

Start Time: 17:35:31

End Time:

02:21:41

Time On Btm:

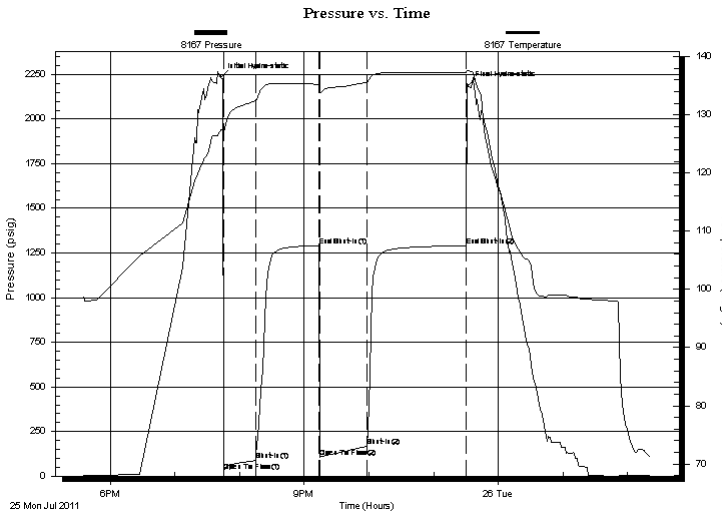
2011.07.25 @ 19:42:41

Time Off Btm:

2011.07.25 @ 23:31:56

TEST COMMENT: IF:Strong blow . B.O.B. in 7 mins.
IS:Fair blow . Increase to 11".
FF:Strong blow . B.O.B. in 11 secs.GTS in 9 mins.(see gas flow report)
FS:Fair to strong blow . B.O.B.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.98	127.41	Initial Hydro-static
3	27.28	127.03	Open To Flow (1)
32	91.58	132.43	Shut-In(1)
91	1292.17	135.26	End Shut-In(1)
93	106.95	133.96	Open To Flow (2)
136	168.28	135.64	Shut-In(2)
228	1290.79	137.29	End Shut-In(2)
230	2189.68	137.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	OCMW 5%o 11%m 84%w	0.32
0.00	Rw .12 ohms @78 deg	0.00
242.00	GM&WCO 36%g 4%m 16%w 44%o	2.88
110.00	GMCO 60%g 18%m 22%o	1.54

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	1.00	24.43



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp.

Murphy#1-25

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

25-29s-12w Pratt Ks.

Job Ticket: 042522

DST#: 4

ATTN: David Goldak

Test Start: 2011.07.25 @ 17:35:26

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:

59000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.59 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 bbbl
65.00	OCMW 5%o 11%m 84%w	0.320
0.00	Rw .12 ohms@78 deg	0.000
242.00	GM&WCO 36%g 4%m 16%w 44%o	2.875
110.00	GMCO 60%g 18%m 22%o	1.543

Total Length: 417.00 ft

Total Volume: 4.738 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-4

Laboratory Name: caraw ay

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

American Energies Corp.

Murphy#1-25

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

25-29s-12w Pratt Ks.

Job Ticket: 042522

DST#: 4

ATTN: David Goldak

Test Start: 2011.07.25 @ 17:35:26

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	20	0.25	1.00	24.43
2	20	0.25	1.00	24.43
2	20	0.25	1.00	24.43

