



**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.**

Job Ticket: 042519

**DST#: 2**

ATTN: David Goldak

Test Start: 2011.07.21 @ 12:37:45

## GENERAL INFORMATION:

Formation: **Bern Ls**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:31:30

Time Test Ended: 20:10:30

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 3150.00 ft (KB) To 3202.00 ft (KB) (TVD)**

Reference Elevations: 1876.00 ft (KB)

Total Depth: 3202.00 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 @ Run Depth: 1180.98 psig @ 3151.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.07.21

End Date:

2011.07.21

Last Calib.:

2011.07.21

Start Time: 12:37:50

End Time:

20:10:29

Time On Btm:

2011.07.21 @ 14:29:15

Time Off Btm:

2011.07.21 @ 17:36:30

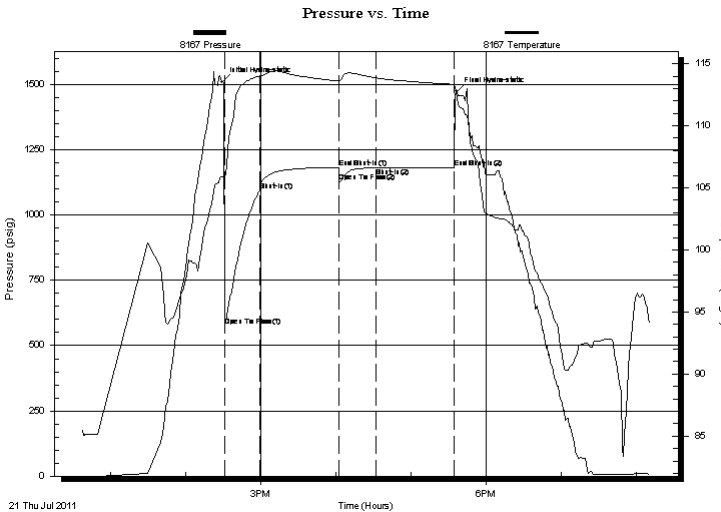
**TEST COMMENT:** IF: Strong blow . B.O.B. in 35 secs.

IS: No blow .

FF: Strong blow . B.O.B. in 51 secs. Decreasing back to 5" after 30 mins.

FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1509.69	105.93	Initial Hydro-static
3	576.14	105.78	Open To Flow (1)
30	1092.64	114.01	Shut-In(1)
94	1181.11	113.60	End Shut-In(1)
94	1126.45	113.58	Open To Flow (2)
123	1180.98	113.87	Shut-In(2)
186	1182.53	113.35	End Shut-In(2)
188	1473.88	112.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2210.00	GCW 4%g 96%w	29.89
310.00	MW 15%m 85%w	4.35

## Gas Rates

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



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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: 105000 ppm

Viscosity: 33.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 25000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2210.00	GCW 4%g 96%w	29.889
310.00	MW 15%m 85%w	4.348

Total Length: 2520.00 ft      Total Volume: 34.237 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .055ohms @97deg

