



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

American Energies Corporation  
 155 N Market  
 Ste 710  
 Wichita KS 67202  
 ATTN: Karen Houseberg/ Dav

**19-29s-11w**  
**Blackwelder # 1-19**  
 Job Ticket: 44069 **DST#: 1**  
 Test Start: 2011.10.22 @ 10:19:50

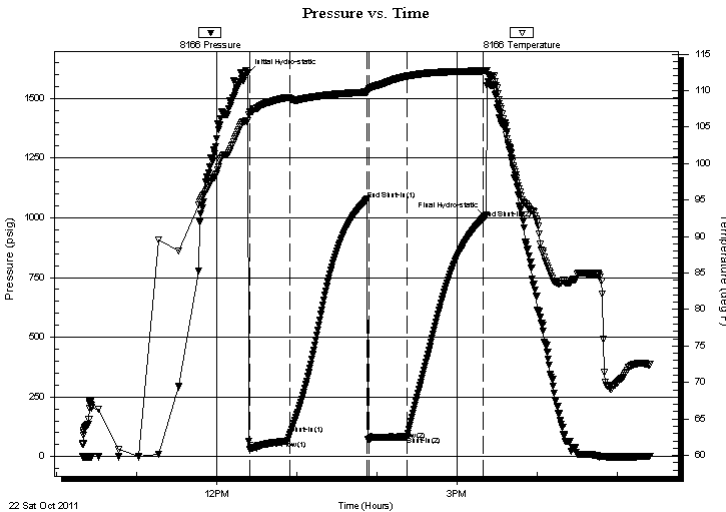
## GENERAL INFORMATION:

Formation: **ELGIN**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:25:05  
 Time Test Ended: 17:24:20  
 Interval: **3472.00 ft (KB) To 3524.00 ft (KB) (TVD)**  
 Total Depth: 3542.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Chris Staats  
 Unit No: 34  
 Reference Elevations: 1875.00 ft (KB)  
 1865.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8166 Outside**  
 Press @ Run Depth: 82.82 psig @ 3473.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.10.22 End Date: 2011.10.22 Last Calib.: 2011.10.22  
 Start Time: 10:19:55 End Time: 17:24:19 Time On Btm: 2011.10.22 @ 12:23:20  
 Time Off Btm: 2011.10.22 @ 15:20:50

**TEST COMMENT:** IF: Strong blow BOB 1 min  
 IS: No blow back  
 FF: Strong blow BOB 30 sec  
 FS: Weak blow 3/4"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.80	105.84	Initial Hydro-static
2	31.76	107.09	Open To Flow (1)
32	92.03	108.94	Shut-In(1)
90	1076.08	109.79	End Shut-In(1)
91	69.62	110.19	Open To Flow (2)
120	82.82	111.98	Shut-In(2)
177	997.44	112.70	End Shut-In(2)
178	1002.97	112.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	1736' GIP	0.00
60.00	Watery Mudd 5% water 95% mud	0.30
120.00	Muddy Water 15% mudd 85% w ater	1.12

## 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:

50000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
0.00	1736' GIP	0.000
60.00	Watery Mudd 5% w ater 95% mud	0.295
120.00	Muddy Water 15% mudd 85% w ater	1.118

Total Length: 180.00 ft

Total Volume: 1.413 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

