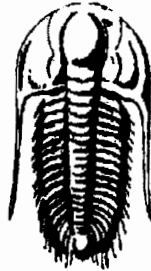


29-27s-6w



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **American Energies Corp**

155 N Market, Ste 710  
Wichita KS 67202

ATTN: Doug Davis

5-095-22166-0000  
SA NENE

**29 27s 6w Kingman KS**

**Lampe #2-29**

Start Date: 2008.10.14 @ 09:09:53

End Date: 2008.10.14 @ 17:38:53

Job Ticket #: 33017      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

American Energies Corp

Lampe #2-29

29 27s 6w Kingman KS

DST # 1

Layton Sand

2008.10.14



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Energies Corp

Lampe #2-29

155 N Market, Ste 710  
Wichita KS 67202

29 27s 6w Kingman KS

ATTN: Doug Davis

Job Ticket: 33017

DST#: 1

Test Start: 2008.10.14 @ 09:09:53

## GENERAL INFORMATION:

Formation: **Layton Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:44:38

Time Test Ended: 17:38:53

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **3048.00 ft (KB) To 3080.00 ft (KB) (TVD)**

Total Depth: 3080.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1538.00 ft (KB)

1528.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8370** Inside

Press@RunDepth: 485.60 psig @ 3049.00 ft (KB)

Start Date: 2008.10.14

End Date:

2008.10.14

Start Time: 09:09:58

End Time:

17:38:52

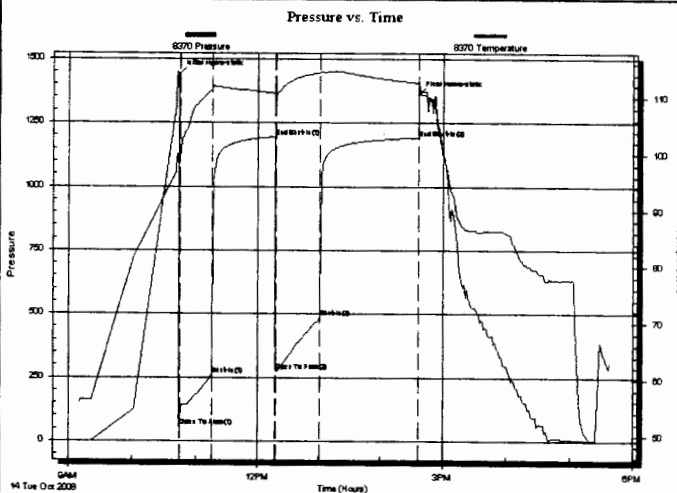
Capacity: 7000.00 psig

Last Calib.: 2008.10.14

Time On Btm: 2008.10.14 @ 10:44:23

Time Off Btm: 2008.10.14 @ 14:37:22

TEST COMMENT: IF Fair blow . BOB in 2 min. GTS in 21 min. (gas TSTM)  
ISI Weak blow . BOB in 10 min.  
FF Fair blow . BOB in 90 sec. (gas TSTM)  
FSI Weak blow . BOB in 9 min.



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1437.59	100.05	Initial Hydro-static
1	55.99	99.14	Open To Flow (1)
31	258.98	111.30	Shut-In(1)
93	1193.78	110.79	End Shut-In(1)
93	274.85	109.34	Open To Flow (2)
137	485.60	114.41	Shut-In(2)
233	1191.84	112.64	End Shut-In(2)
233	1357.74	112.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
613.00	GO 25%g 75%o	6.91
189.00	W&MGO 5%w 10%m 20%g 65%o	2.65
126.00	G&OCMW 5%g 5%o 10%m 80%w	1.77
252.00	MW 10%m 90%w	3.53
0.00	Rw .60 @ 52 deg = 15000 ppm	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

Job Ticket: 33017

**DST#: 1**

ATTN: Doug Davis

Test Start: 2008.10.14 @ 09:09:53

## Tool Information

Drill Pipe:	Length: 2845.00 ft	Diameter: 3.80 inches	Volume: 39.91 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 40.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3048.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3022.00	
Shut In Tool	5.00			3027.00	
Hydraulic tool	5.00			3032.00	
Jars	5.00			3037.00	
Safety Joint	2.00			3039.00	
Packer	4.00			3043.00	27.00 Bottom Of Top Packer
Packer	5.00			3048.00	
Stubb	1.00			3049.00	
Recorder	0.00	8370	Inside	3049.00	
Recorder	0.00	8289	Inside	3049.00	
Perforations	26.00			3075.00	
Bullnose	5.00			3080.00	32.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

Job Ticket: 33017

**DST#: 1**

ATTN: Doug Davis

Test Start: 2008.10.14 @ 09:09:53

### 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:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
613.00	GO 25%g 75%o	6.914
189.00	W&MCGO 5%w 10%m 20%g 65%o	2.651
126.00	G&OCMW 5%g 5%o 10%m 80%w	1.767
252.00	MV 10%m 90%w	3.535
0.00	Rw .60 @ 52 deg = 15000 ppm	0.000

Total Length: 1180.00 ft

Total Volume: 14.867 bbl

Num Fluid Samples: 1

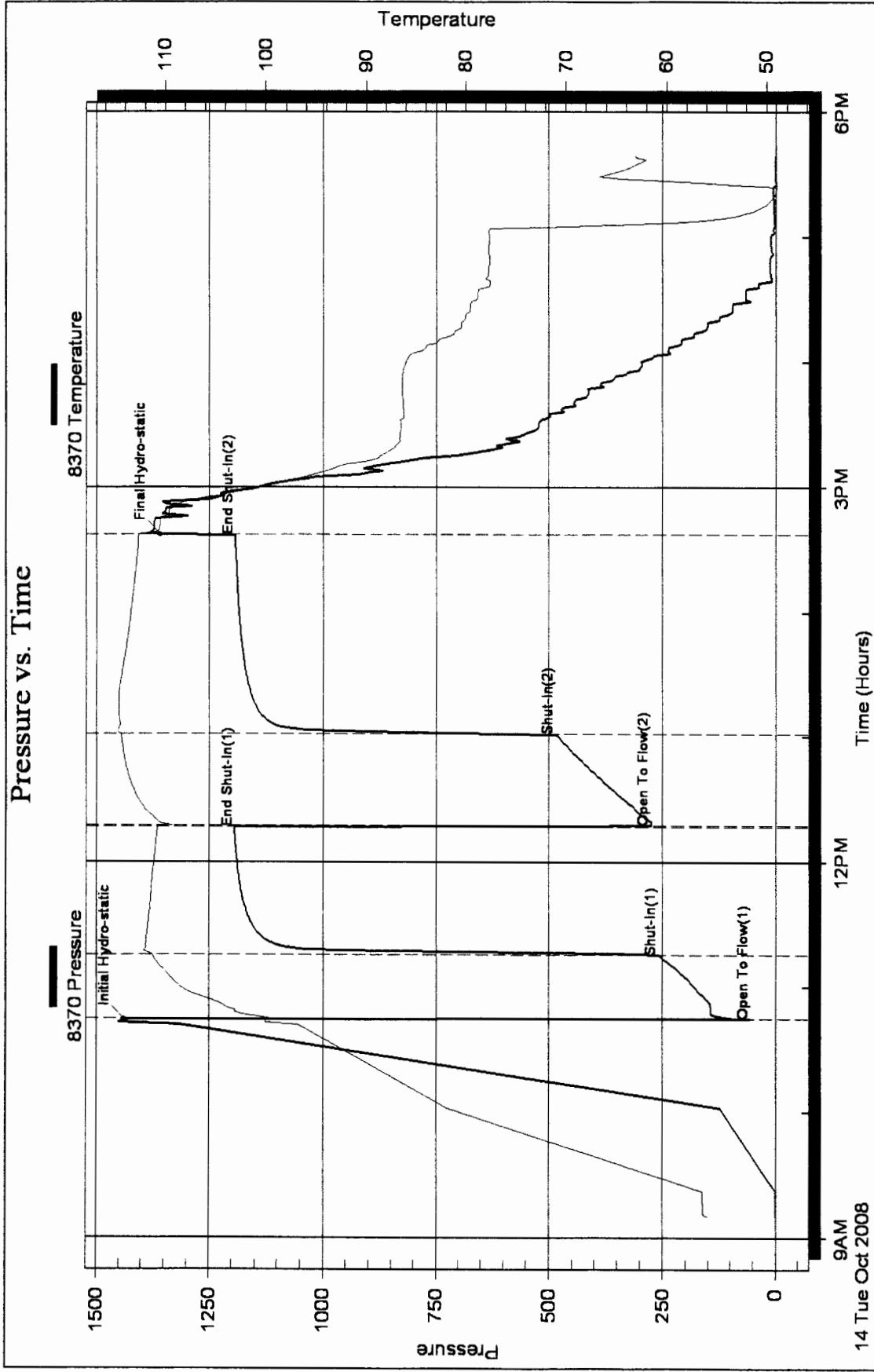
Num Gas Bombs: 1

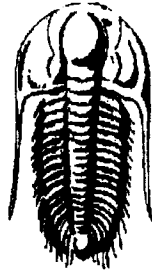
Serial #: eh-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **American Energies Corp**

155 N Market, Ste 710  
Wichita KS 67202

ATTN: Doug Davis

**29 27s 6w Kingman KS**

**Lampe #2-29**

Start Date: 2008.10.15 @ 22:07:01

End Date: 2008.10.16 @ 06:36:31

Job Ticket #: 33018                      DST #: 2

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Energies Corp

155 N Market, Ste 710  
Wichita KS 67202

ATTN: Doug Davis

**Lampe #2-29**

**29 27s 6w Kingman KS**

Job Ticket: 33018

**DST#: 2**

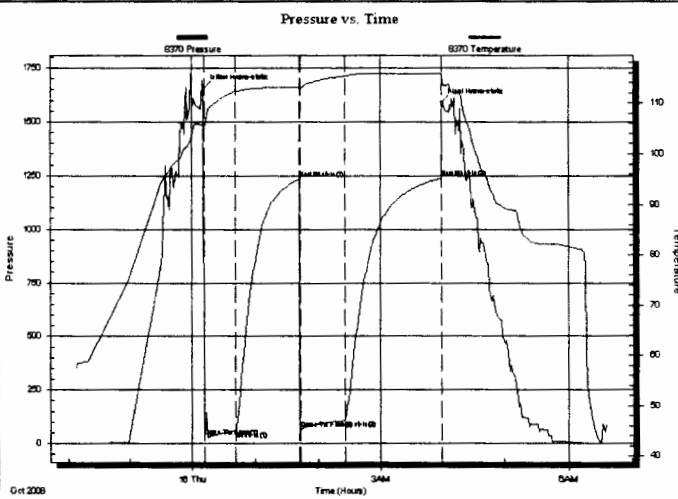
Test Start: 2008.10.15 @ 22:07:01

## GENERAL INFORMATION:

Formation: **Dennis**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 00:11:46  
 Time Test Ended: 06:36:31  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Esak Hadley**  
 Unit No: **23**  
 Interval: **3419.00 ft (KB) To 3431.00 ft (KB) (TVD)**  
 Reference Elevations: **1538.00 ft (KB)**  
**1528.00 ft (CF)**  
 Total Depth: **3431.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **10.00 ft**

**Serial #: 8370 Inside**  
 Press@RunDepth: **106.69 psig @ 3420.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2008.10.15** End Date: **2008.10.16** Last Calib.: **2008.10.16**  
 Start Time: **22:07:06** End Time: **06:36:30** Time On Btm: **2008.10.16 @ 00:11:31**  
 Time Off Btm: **2008.10.16 @ 03:59:45**

**TEST COMMENT:** IF Weak blow . BOB in 11 min.  
 ISI Weak surface blow . No more than 1/4".  
 FF Weak blow . BOB in 9 min.  
 FSI Weak surface blow . No more than 1/4".



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.52	105.40	Initial Hydro-static
1	32.99	104.29	Open To Flow (1)
30	60.02	112.30	Shut-In (1)
91	1234.83	113.14	End Shut-In (1)
91	68.06	112.63	Open To Flow (2)
135	106.69	115.34	Shut-In (2)
228	1238.30	115.81	End Shut-In (2)
229	1589.37	115.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	G&WCMO 10%g 20%w 30%m 40%o	0.20
62.00	M&WCGO 10%m 25%w 30%g 35%o	0.30
62.00	G&OCMV 5%g 5%o 20%m 70%w	0.30
61.00	G&OCMV 2%g 3%o 15%m 80%w	0.30
0.00	Rw .48 @ 53 deg = 18000 ppm	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

Job Ticket: 33018

**DST#: 2**

ATTN: Doug Davis

Test Start: 2008.10.15 @ 22:07:01

### Tool Information

Drill Pipe:	Length: 3164.00 ft	Diameter: 3.80 inches	Volume: 44.38 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 23000.00 lb
Drill Collar:	Length: 246.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 45.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	3419.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3393.00	
Shut In Tool	5.00			3398.00	
Hydraulic tool	5.00			3403.00	
Jars	5.00			3408.00	
Safety Joint	2.00			3410.00	
Packer	4.00			3414.00	27.00 Bottom Of Top Packer
Packer	5.00			3419.00	
Stubb	1.00			3420.00	
Recorder	0.00	8370	Inside	3420.00	
Recorder	0.00	8289	Inside	3420.00	
Perforations	6.00			3426.00	
Bullnose	5.00			3431.00	12.00 Bottom Packers & Anchor

**Total Tool Length: 39.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

ATTN: Doug Davis

Job Ticket: 33018      **DST#: 2**

Test Start: 2008.10.15 @ 22:07:01

## 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:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

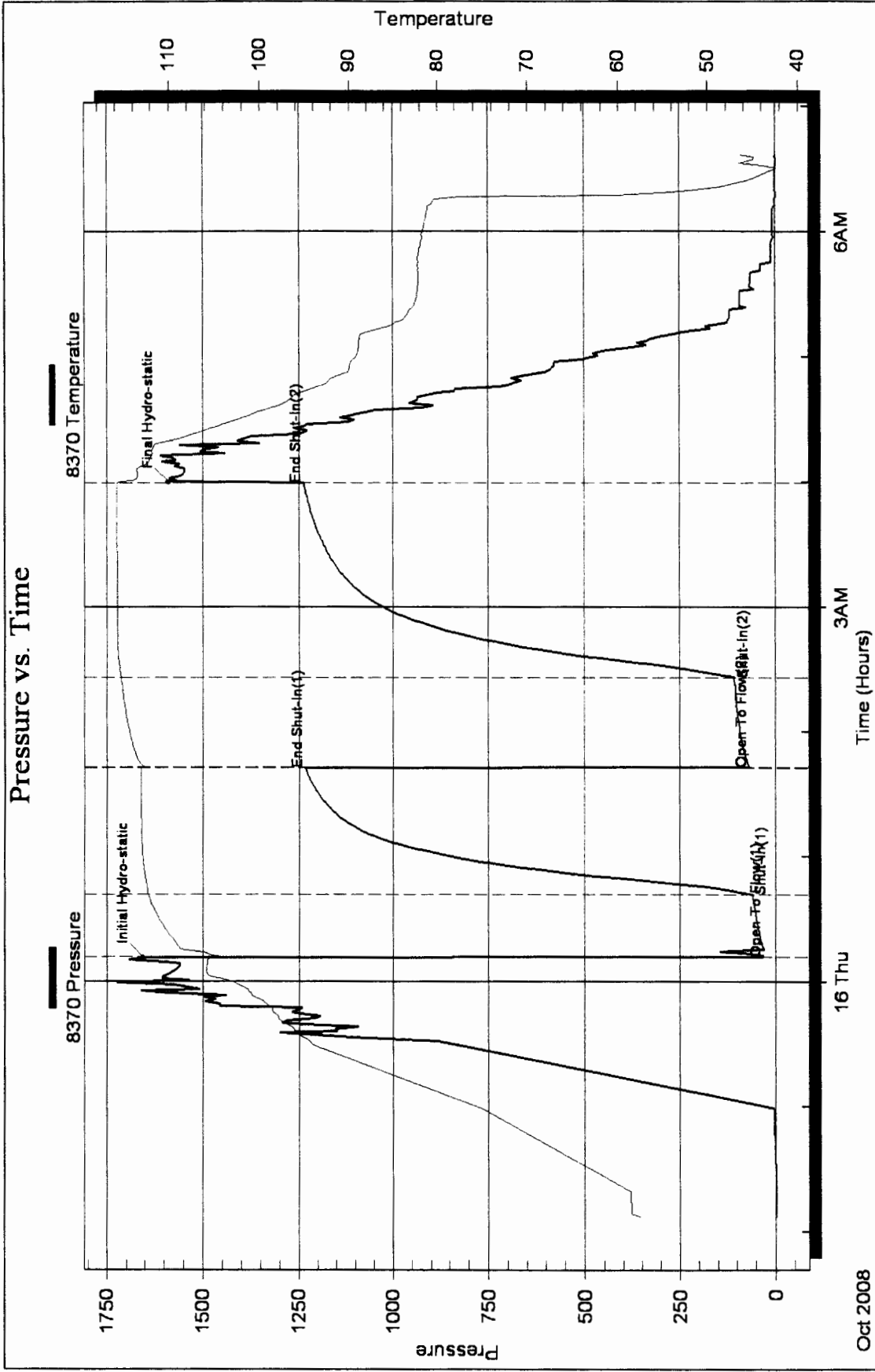
Recovery Table

Length ft	Description	Volume bbl
40.00	G&WCMD 10%g 20%w 30%m 40%o	0.197
62.00	M&WCGO 10%m 25%w 30%g 35%o	0.305
62.00	G&OCMV 5%g 5%o 20%m 70%w	0.305
61.00	G&OCMV 2%g 3%o 15%m 80%w	0.300
0.00	Rw .48 @ 53 deg = 18000 ppm	0.000

Total Length: 225.00 ft      Total Volume: 1.107 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **American Energies Corp**

155 N Market, Ste 710  
Wichita KS 67202

ATTN: Doug Davis

**29 27s 6w Kingman KS**

**Lampe #2-29**

Start Date: 2008.10.17 @ 16:20:54

End Date: 2008.10.18 @ 00:36:54

Job Ticket #: 33019                      DST #: 3

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

American Energies Corp

Lampe #2-29

29 27s 6w Kingman KS

DST # 3

Miss

2008.10.17



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Energies Corp

155 N Market, Ste 710  
Wichita KS 67202

ATTN: Doug Davis

**Lampe #2-29**

**29 27s 6w Kingman KS**

Job Ticket: 33019

DST#: 3

Test Start: 2008.10.17 @ 16:20:54

## GENERAL INFORMATION:

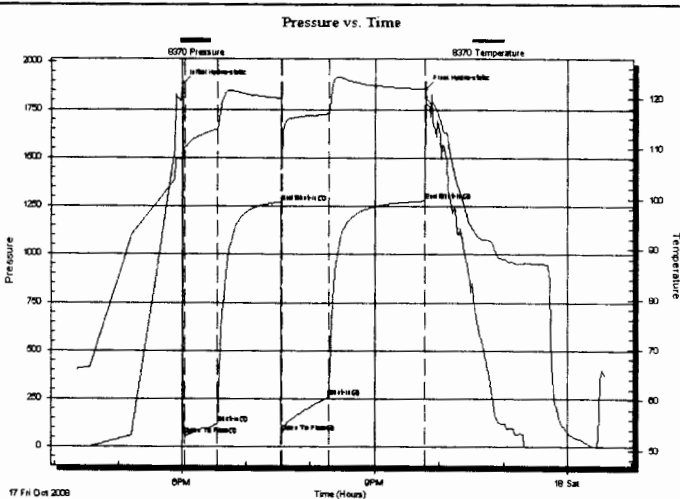
Formation: **Miss**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 18:02:39  
 Time Test Ended: 00:36:54  
 Interval: **3825.00 ft (KB) To 3853.00 ft (KB) (TVD)**  
 Total Depth: **3853.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Esak Hadley**  
 Unit No: **23**  
 Reference Elevations: **1538.00 ft (KB)**  
**1528.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

**Serial #: 8370**

**Inside**

Press@RunDepth: **258.49 psig @ 3826.00 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2008.10.17** End Date: **2008.10.18** Last Calib.: **2008.10.18**  
 Start Time: **16:20:59** End Time: **00:36:53** Time On Btm: **2008.10.17 @ 18:00:39**  
 Time Off Btm: **2008.10.17 @ 21:47:39**

TEST COMMENT: IF Strong blow . BOB in 5 sec. GTS in 18 min. (see gas flow rpt)  
 ISI Weak blow . Slow increase to 3".  
 FF Strong blow . BOB in 2 sec. (see gas flow rpt)  
 FSI Weak blow . BOB in 22 min.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.85	108.18	Initial Hydro-static
2	59.01	110.27	Open To Flow (1)
33	118.96	113.82	Shut-in(1)
92	1272.73	120.03	End Shut-in(1)
94	76.73	107.27	Open To Flow (2)
137	258.49	116.89	Shut-in(2)
227	1279.23	121.94	End Shut-in(2)
227	1856.93	123.50	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
177.00	GCWM 5%g 15%w 80%m	0.87
62.00	GCMW 5%g 40%m 55%w	0.80
61.00	GCMW 5%g 15%m 80%w	0.86
0.00	Rw .41 @ 59 deg = 19000 ppm	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	25.00	14.75
Last Gas Rate	0.13	97.00	41.70
Max. Gas Rate	0.13	97.00	41.70



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

ATTN: Doug Davis

Job Ticket: 33019

**DST#: 3**

Test Start: 2008.10.17 @ 16:20:54

### Tool Information

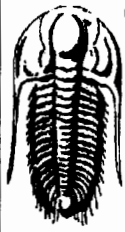
Drill Pipe:	Length: 3636.00 ft	Diameter: 3.80 inches	Volume: 51.00 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 185.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 78000.00 lb
		<b>Total Volume:</b>	<b>51.91 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3825.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3799.00	
Shut In Tool	5.00			3804.00	
Hydraulic tool	5.00			3809.00	
Jars	5.00			3814.00	
Safety Joint	2.00			3816.00	
Packer	4.00			3820.00	27.00 Bottom Of Top Packer
Packer	5.00			3825.00	
Stubb	1.00			3826.00	
Recorder	0.00	8370	Inside	3826.00	
Recorder	0.00	8289	Inside	3826.00	
Perforations	22.00			3848.00	
Bullnose	5.00			3853.00	28.00 Bottom Packers & Anchor

**Total Tool Length: 55.00**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

ATTN: Doug Davis

Job Ticket: 33019

**DST#: 3**

Test Start: 2008.10.17 @ 16:20:54

### 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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 0.20 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
177.00	GCWM 5%g 15%w 80%m	0.870
62.00	GCMW 5%g 40%m 55%w	0.797
61.00	GCMW 5%g 15%m 80%w	0.856
0.00	Rw .41 @ 59 deg = 19000 ppm	0.000

Total Length: 300.00 ft

Total Volume: 2.523 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: eh-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

American Energies Corp

**Lampe #2-29**

155 N Market, Ste 710  
Wichita KS 67202

**29 27s 6w Kingman KS**

Job Ticket: 33019

**DST#: 3**

ATTN: Doug Davis

Test Start: 2008.10.17 @ 16:20:54

### 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 <sup>3</sup> /d)
1	20	0.13	25.00	14.75
1	20	0.13	25.00	14.75
1	20	0.13	25.00	14.75
1	25	0.13	32.00	17.37
1	30	0.13	40.00	20.36
2	5	0.13	50.00	24.10
2	10	0.13	60.00	27.85
2	15	0.13	76.00	33.84
2	25	0.13	97.00	41.70

Serial #: 8370

Inside

American Energies Corp

29 27's 6w Kingman KS

DST Test Number: 3

