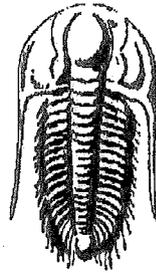


15-195-22683

14-15s-25w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N Market
Ste 710
Wichita Ks 67202

ATTN: Karen Houseberg

14-15s-25w Trego,Ks

Mai #1-14

Start Date: 2010.09.23 @ 13:18:20

End Date: 2010.09.23 @ 20:40:43

Job Ticket #: 040154 DST #: 1

American Energies Corporation

Mai #1-14

14-15s-25w Trego,Ks

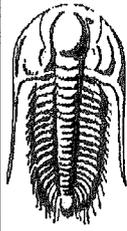
DST # 1

Cherokee Sand

2010.09.23

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Energies Corporation
155 N Market
Ste 710
Wichita Ks 67202
ATTN: Karen Houseberg

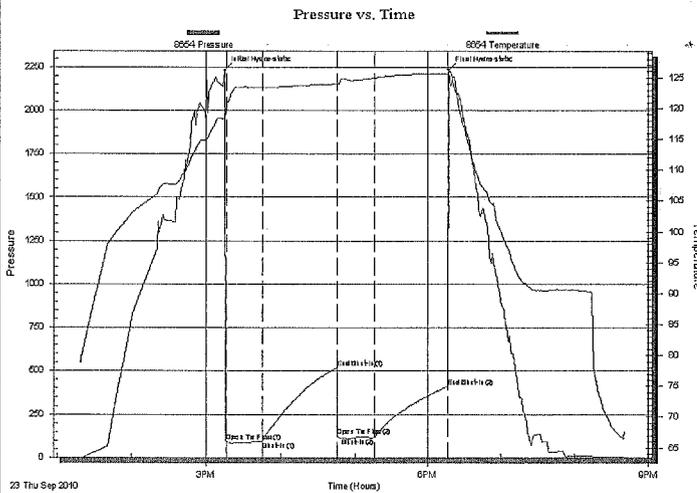
Mai #1-14
14-15s-25w Trego, Ks
Job Ticket: 040154 DST#: 1
Test Start: 2010.09.23 @ 13:18:20

GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:16:13
Time Test Ended: 20:40:43
Interval: **4356.00 ft (KB) To 4397.00 ft (KB) (TVD)**
Total Depth: **4397.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 28
Reference Elevations: 2443.00 ft (KB)
2438.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8654 Inside
Press@RunDepth: 117.41 psig @ 4361.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.09.23 End Date: 2010.09.23 Last Calib.: 2010.09.23
Start Time: 13:18:43 End Time: 20:40:43 Time On Btm: 2010.09.23 @ 15:15:13
Time Off Btm: 2010.09.23 @ 18:16:43

TEST COMMENT: IFP-Strong blow BOB in 8 1/2 min
ISI-Weak surface blow died out in 12 min
FFP-Strong blow built to 9 in
FSI-Weak surface blow bled out in 10 min



PRESSURE SUMMARY

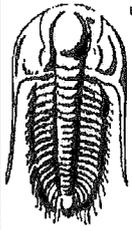
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2231.46 | 118.62 | Initial Hydro-static |
| 1 | 92.36 | 120.75 | Open To Flow (1) |
| 31 | 95.73 | 123.44 | Shut-In(1) |
| 90 | 519.77 | 124.00 | End Shut-In(1) |
| 91 | 127.08 | 123.84 | Open To Flow (2) |
| 121 | 117.41 | 124.98 | Shut-In(2) |
| 181 | 407.00 | 125.59 | End Shut-In(2) |
| 182 | 2234.12 | 126.41 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------|--------------|
| 123.00 | MCGO 20%M65%O15%G | 0.60 |
| 77.00 | HOCGM 35%M45%O20%G | 1.08 |
| 77.00 | FREE OIL | 1.08 |
| 0.00 | 248 GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corporation

Mai #1-14

155 N Market
Ste 710
Wichita Ks 67202
ATTN: Karen Houseberg

14-15s-25w Trego, Ks

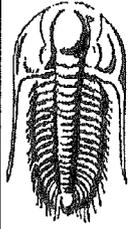
Job Ticket: 040154 **DST#: 1**
Test Start: 2010.09.23 @ 13:18:20

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4229.00 ft | Diameter: 3.80 inches | Volume: 59.32 bbl | Tool Weight: 2200.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 2.70 inches | Volume: 0.00 bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 123.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: 62000.00 lb |
| | | | Total Volume: 59.92 bbl | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 24.00 ft | | | String Weight: Initial 48000.00 lb |
| Depth to Top Packer: | 4356.00 ft | | | Final 49000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 41.00 ft | | | |
| Tool Length: | 69.00 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 | | | 4329.00 | |
| Shut In Tool | 5.00 | | | 4334.00 | |
| Hydraulic tool | 5.00 | | | 4339.00 | |
| Jars | 5.00 | | | 4344.00 | |
| Safety Joint | 3.00 | | | 4347.00 | |
| Packer | 4.00 | | | 4351.00 | 28.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4356.00 | |
| Stubb | 1.00 | | | 4357.00 | |
| Perforations | 4.00 | | | 4361.00 | |
| Recorder | 0.00 | 8654 | Inside | 4361.00 | |
| Recorder | 0.00 | 6773 | Outside | 4361.00 | |
| Perforations | 33.00 | | | 4394.00 | |
| Bullnose | 3.00 | | | 4397.00 | 41.00 Bottom Packers & Anchor |

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corporation

Mai #1-14

155 N Market
Ste 710
Wichita Ks 67202
ATTN: Karen Houseberg

14-15s-25w Trego, Ks
Job Ticket: 040154 **DST#: 1**
Test Start: 2010.09.23 @ 13:18:20

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | 39 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 53.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.59 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3000.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------|---------------|
| 123.00 | MCGO 20%M65%O15%G | 0.605 |
| 77.00 | HOCGM 35%M45%O20%G | 1.080 |
| 77.00 | FREE OIL | 1.080 |
| 0.00 | 248 GIP | 0.000 |

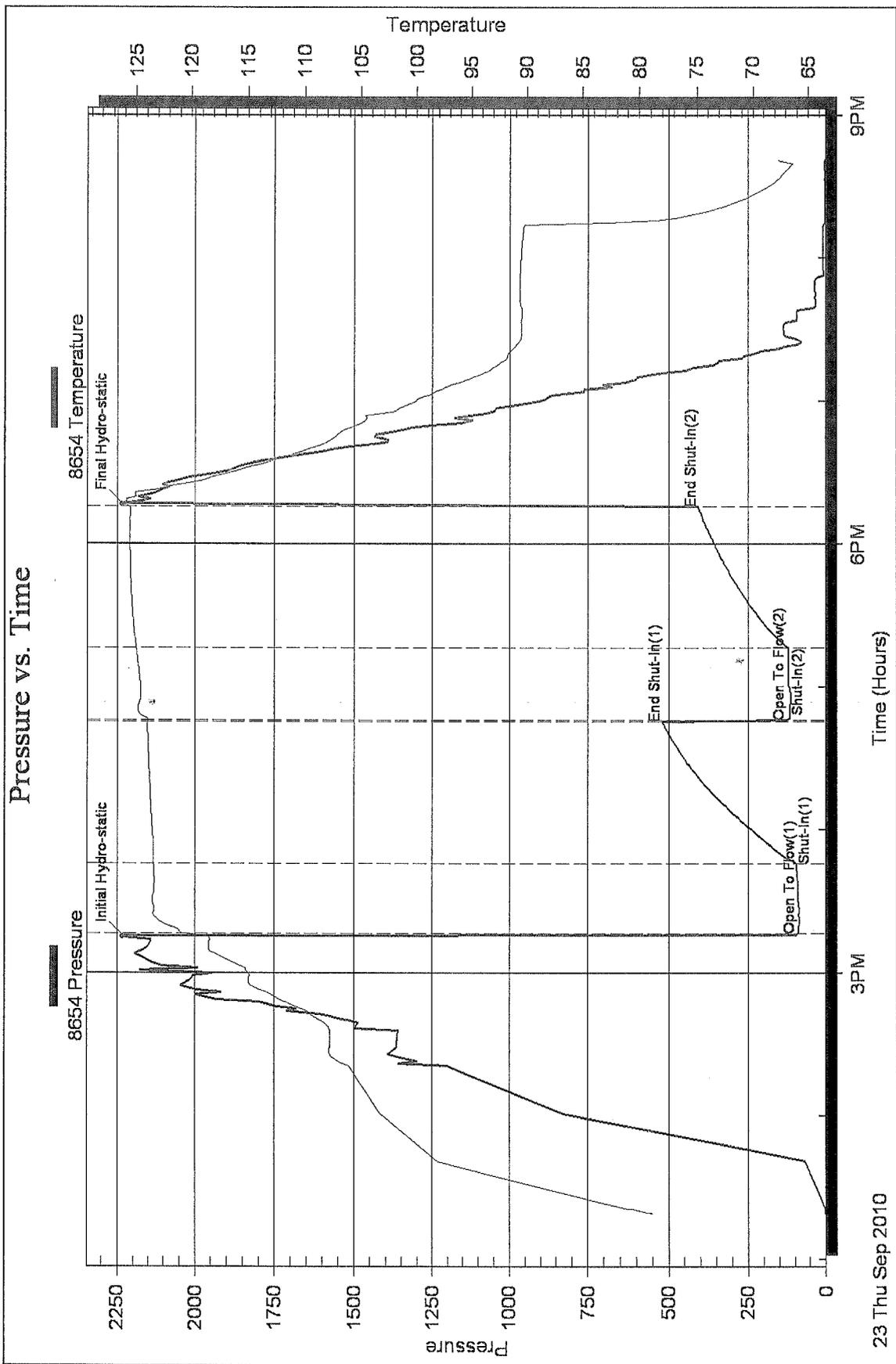
Total Length: 277.00 ft Total Volume: 2.765 bbl

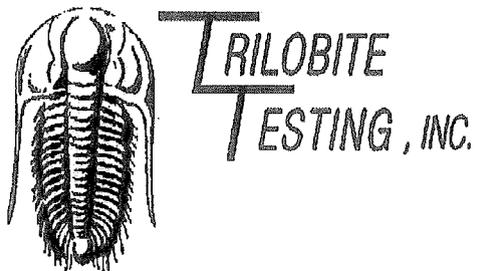
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **American Energies Corporation**

155 N Market
Ste 710
Wichita Ks 67202

ATTN: Karen Houseberg

14-15s-25w Trego,Ks

Mai #1-14

Start Date: 2010.09.24 @ 07:24:46

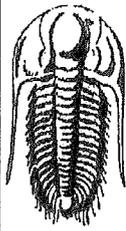
End Date: 2010.09.24 @ 13:32:16

Job Ticket #: 39570 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 Corporation

Mai #1-14

155 N Market
Ste 710
Wichita Ks 67202
ATTN: Karen Houseberg

14-15s-25w Trego,Ks
Job Ticket: 39570 **DST#: 2**
Test Start: 2010.09.24 @ 07:24:46

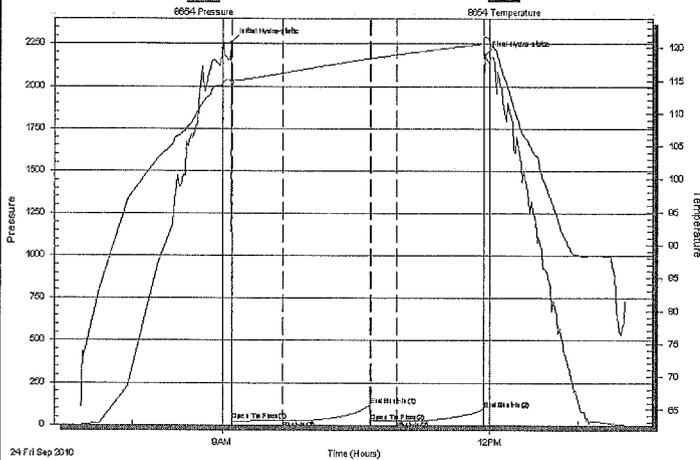
GENERAL INFORMATION:

| | |
|---|---------------------------------------|
| Formation: Cherokee | Test Type: Conventional Bottom Hole |
| Deviated: No Whipstock: ft (KB) | Tester: Dustin Rash |
| Time Tool Opened: 09:06:46 | Unit No: 28 |
| Time Test Ended: 13:32:16 | |
| Interval: 4400.00 ft (KB) To 4420.00 ft (KB) (TVD) | Reference Elevations: 2443.00 ft (KB) |
| Total Depth: 4420.00 ft (KB) (TVD) | 2438.00 ft (CF) |
| Hole Diameter: 7.88 inches | Hole Condition: Poor |
| | KB to GR/CF: 5.00 ft |

| | | | |
|--|------------------------|-------------------------------------|--|
| Serial #: 8654 | Inside | | |
| Press@RunDepth: 25.15 psig @ 4401.00 ft (KB) | Capacity: 8000.00 psig | | |
| Start Date: 2010.09.24 | End Date: 2010.09.24 | Last Calib.: 2010.09.24 | |
| Start Time: 07:24:47 | End Time: 13:32:16 | Time On Btm: 2010.09.24 @ 09:06:16 | |
| | | Time Off Btm: 2010.09.24 @ 11:56:46 | |

TEST COMMENT: IF-Very weak surface blow . Died after 7 minutes.
 IS-No Return.
 FF-No Blow .
 FSI-No Return.

Pressure vs. Time



PRESSURE SUMMARY

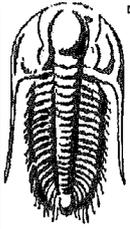
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2257.10 | 115.18 | Initial Hydro-static |
| 1 | 24.39 | 113.94 | Open To Flow (1) |
| 34 | 24.70 | 116.10 | Shut-In(1) |
| 93 | 117.40 | 118.36 | End Shut-In(1) |
| 93 | 24.20 | 118.36 | Open To Flow (2) |
| 111 | 25.15 | 118.93 | Shut-In(2) |
| 170 | 94.97 | 120.63 | End Shut-In(2) |
| 171 | 2184.83 | 121.69 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 2.00 | HOCM 60%M 40%O | 0.01 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corporation

Mai #1-14

155 N Market
Ste 710
Wichita Ks 67202

14-15s-25w Trego, Ks

Job Ticket: 39570

DST#: 2

ATTN: Karen Houseberg

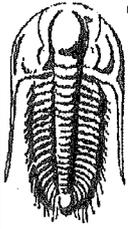
Test Start: 2010.09.24 @ 07:24:46

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4261.00 ft | Diameter: 3.80 inches | Volume: 59.77 bbl | Tool Weight: 2500.00 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: 123.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: 10000.00 lb |
| | | | <u>Total Volume: 60.37 bbl</u> | Tool Chased: 0.00 ft |
| Drill Pipe Above KB: | 11.00 ft | | | String Weight: Initial 44000.00 lb |
| Depth to Top Packer: | 4400.00 ft | | | Final 48000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 20.00 ft | | | |
| Tool Length: | 47.00 ft | | | |
| Number of Packers: | 2 | Diameter: 6.75 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Shut In Tool | 5.00 | | | 4378.00 | |
| Hydraulic tool | 5.00 | | | 4383.00 | |
| Jars | 5.00 | | | 4388.00 | |
| Safety Joint | 2.00 | | | 4390.00 | |
| Packer | 5.00 | | | 4395.00 | 27.00 Bottom Of Top Packer |
| Packer | 5.00 | | | 4400.00 | |
| Stubb | 1.00 | | | 4401.00 | |
| Recorder | 0.00 | 8654 | Inside | 4401.00 | |
| Recorder | 0.00 | 6773 | Outside | 4401.00 | |
| Perforations | 16.00 | | | 4417.00 | |
| Bullnose | 3.00 | | | 4420.00 | 20.00 Bottom Packers & Anchor |
| Total Tool Length: | 47.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corporation
155 N Market
Ste 710
Wichita Ks 67202
ATTN: Karen Houseberg

Mai #1-14
14-15s-25w Trego, Ks
Job Ticket: 39570 **DST#: 2**
Test Start: 2010.09.24 @ 07:24:46

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: 74.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.79 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 3200.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 2.00 | HOCM 60%M 40%O | 0.010 |

Total Length: 2.00 ft Total Volume: 0.010 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time

