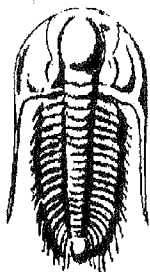


15-115-21348

17-19s-1E



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Energies**

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

17 19S 1E Marion KS

Boese # 2-17

Start Date: 2006.06.08 @ 23:44:07

End Date: 2006.06.09 @ 03:58:52

Job Ticket #: 24850 DST #: 1

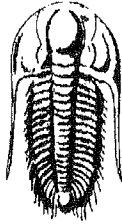
15-115-21348-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Energies
 155 N Market Ste 710
 Wichita KS 67202
 ATTN: Doug Davis

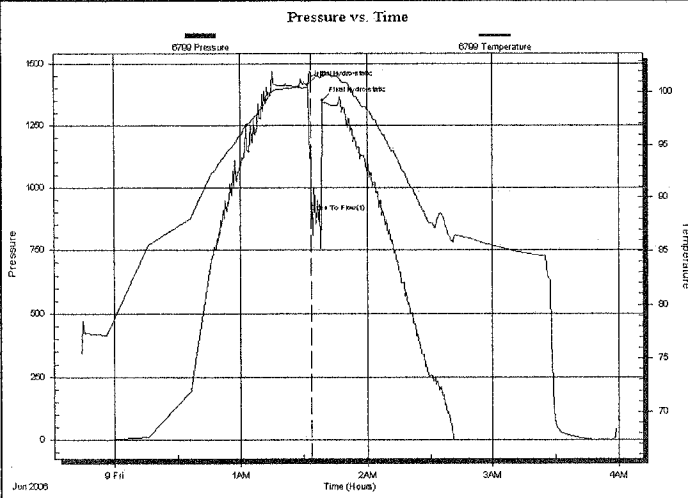
Boese # 2-17
17 19S 1E Marion KS
 Job Ticket: 24850 **DST#: 1**
 Test Start: 2006.06.08 @ 23:44:07

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 01:33:37 Tester: Gerald Adams
 Time Test Ended: 03:58:52 Unit No: 36
 Interval: **2885.00 ft (KB) To 2921.00 ft (KB) (TVD)** Reference Elevations: 2893.00 ft (KB)
 Total Depth: 2921.00 ft (KB) (TVD) 2885.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6799 Inside
 Press@RunDepth: psig @ 2888.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.06.08 End Date: 2006.06.09 Last Calib.: 2006.06.09
 Start Time: 23:44:12 End Time: 03:58:52 Time On Btm: 2006.06.09 @ 01:31:52
 Time Off Btm: 2006.06.09 @ 01:38:52

TEST COMMENT: IF Misrun Packer failure



PRESSURE SUMMARY

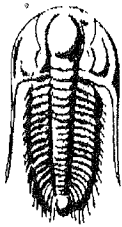
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1413.26	100.48	Initial Hydro-static
2	899.88	101.55	Open To Flow (1)
7	1349.47	101.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1500.00	Drilling Mud 100%M	19.34

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies
155 N Market Ste 710
Wichita KS 67202
ATTN: Doug Davis

Boese # 2-17
17 19S 1E Marion KS
Job Ticket: 24850 **DST#: 1**
Test Start: 2006.06.08 @ 23:44:07

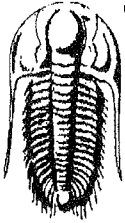
Tool Information

Drill Pipe:	Length: 2697.00 ft	Diameter: 3.80 inches	Volume: 37.83 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: 20000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 38.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	2885.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 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			2862.00	
Hydraulic tool	5.00			2867.00	
Jars	5.00			2872.00	
Safety Joint	3.00			2875.00	
Packer	5.00			2880.00	28.00 Bottom Of Top Packer
Packer	5.00			2885.00	
Stubb	1.00			2886.00	
Perforations	2.00			2888.00	
Recorder	0.00	6799	Inside	2888.00	
Perforations	30.00			2918.00	
Recorder	0.00	13400	Outside	2918.00	
Bullnose	3.00			2921.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies

Boese # 2-17

155 N Market Ste 710
Wichita KS 67202

17 19S 1E Marion KS

Job Ticket: 24850

DST#: 1

ATTN: Doug Davis

Test Start: 2006.06.08 @ 23:44:07

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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1500.00	Drilling Mud 100%M	19.338

Total Length: 1500.00 ft Total Volume: 19.338 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

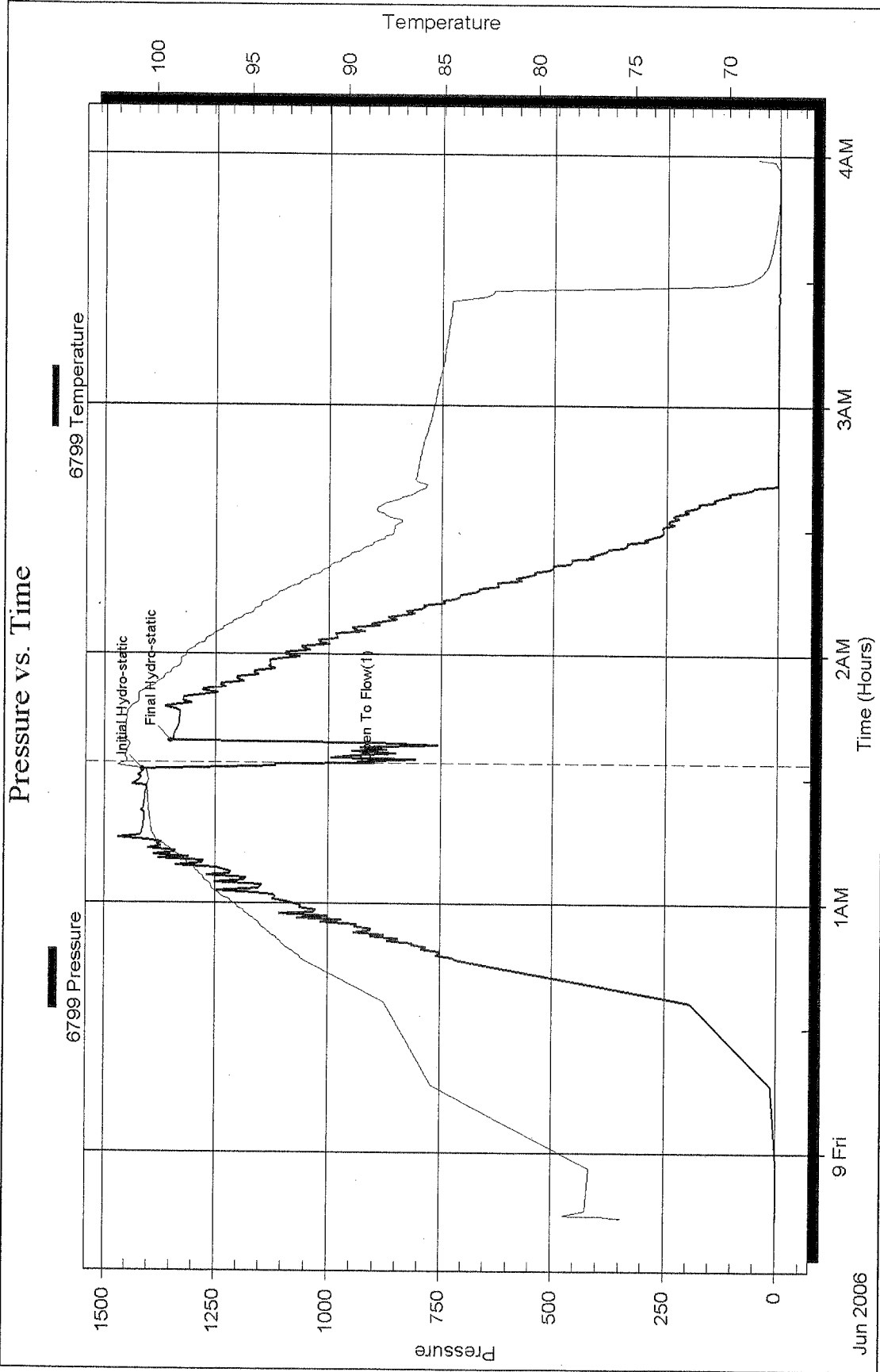
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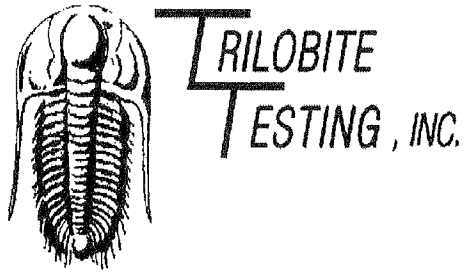
Inside

American Energies

17 19S 1E Marion KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Energies**

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

17 19S 1E Marion KS

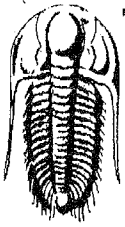
Boese # 2-17

Start Date: 2006.06.09 @ 04:07:05

End Date: 2006.06.09 @ 11:24:35

Job Ticket #: 24126 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies
155 N Market Ste 710
Wichita KS 67202
ATTN: Doug Davis

Boese # 2-17
17 19S 1E Marion KS
Job Ticket: 24126 **DST#: 2**
Test Start: 2006.06.09 @ 04:07:05

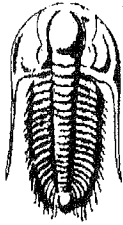
Tool Information

Drill Pipe:	Length: 2697.00 ft	Diameter: 3.80 inches	Volume: 37.83 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: 20000.00 lb
Drill Collar:	Length: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 38.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	2891.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			2868.00	
Hydraulic tool	5.00			2873.00	
Jars	5.00			2878.00	
Safety Joint	3.00			2881.00	
Packer	5.00			2886.00	28.00 Bottom Of Top Packer
Packer	5.00			2891.00	
Stubb	1.00			2892.00	
Perforations	1.00			2893.00	
Recorder	0.00	6799	Inside	2893.00	
Perforations	25.00			2918.00	
Recorder	0.00	13400	Outside	2918.00	
Bullnose	3.00			2921.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies

Boese # 2-17

155 N Market Ste 710
Wichita KS 67202

17 19S 1E Marion KS

Job Ticket: 24126

DST#: 2

ATTN: Doug Davis

Test Start: 2006.06.09 @ 04:07:05

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	SGCWMw /O scum 4%G 48%W 48%M	0.305
62.00	SGCWMw /O scum 2%G 6%W 92%M	0.305
76.00	SGCMw /O scum 2%G 98%M	0.492
0.00	30' GIP	0.000

Total Length: 200.00 ft

Total Volume: 1.102 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

Inside

American Energies

17 19S 1E Marion KS

DST Test Number: 2

Pressure vs. Time

