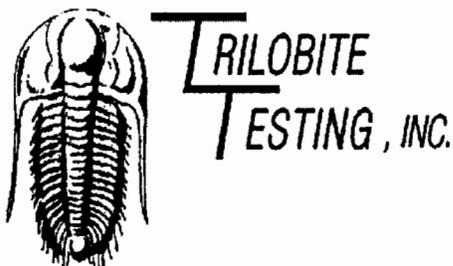


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DRILL STEM TEST REPORT

Prepared For: **American Energies Corp.**

155 N. Market Ste. 710
Wichita KS 67202

ATTN: Doug Davis

23-31s-13w Barber Ks

Packard D#1

Start Date: 2003.08.10 @ 06:14:51

End Date: 2003.08.10 @ 07:40:20

Job Ticket #: 17130 DST #: 1

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 Corp.

Packard D#1

155 N. Market Ste. 710
Wichita KS 67202

23-31s-13w Barber Ks

Job Ticket: 17130

DST#: 1

ATTN: Doug Davis

Test Start: 2003.08.10 @ 06:14:51

Tool Information

Drill Pipe:	Length: 2361.00 ft	Diameter: 3.80 inches	Volume: 33.12 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 34.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	2614.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2588.00	
Shut In Tool	5.00			2593.00	
Hydraulic tool	5.00			2598.00	
Jars	5.00			2603.00	
Safety Joint	2.00			2605.00	
Packer	4.00			2609.00	27.00 Bottom Of Top Packer
Packer	5.00			2614.00	
Stubb	1.00			2615.00	
Recorder	0.00	6741	Inside	2615.00	
Perforations	10.00			2625.00	
Recorder	0.00	13222	Outside	2625.00	
Bullnose	5.00			2630.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.00

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	American Energies Corp. 155 N. Market Ste. 710 Wichita KS 67202 ATTN: Doug Davis	Packard D#1 23-31s-13w Barber Ks Job Ticket: 17130 DST#: 1 Test Start: 2003.08.10 @ 06:14:51	

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	135000 ppm
Viscosity: 30.00 sec/qt	Cushion Volume: bbl		
Water Loss: 38.27 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 62000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
680.00	SW Rw .045 ohms @ 95 deg.	7.279

Total Length: 680.00 ft Total Volume: 7.279 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

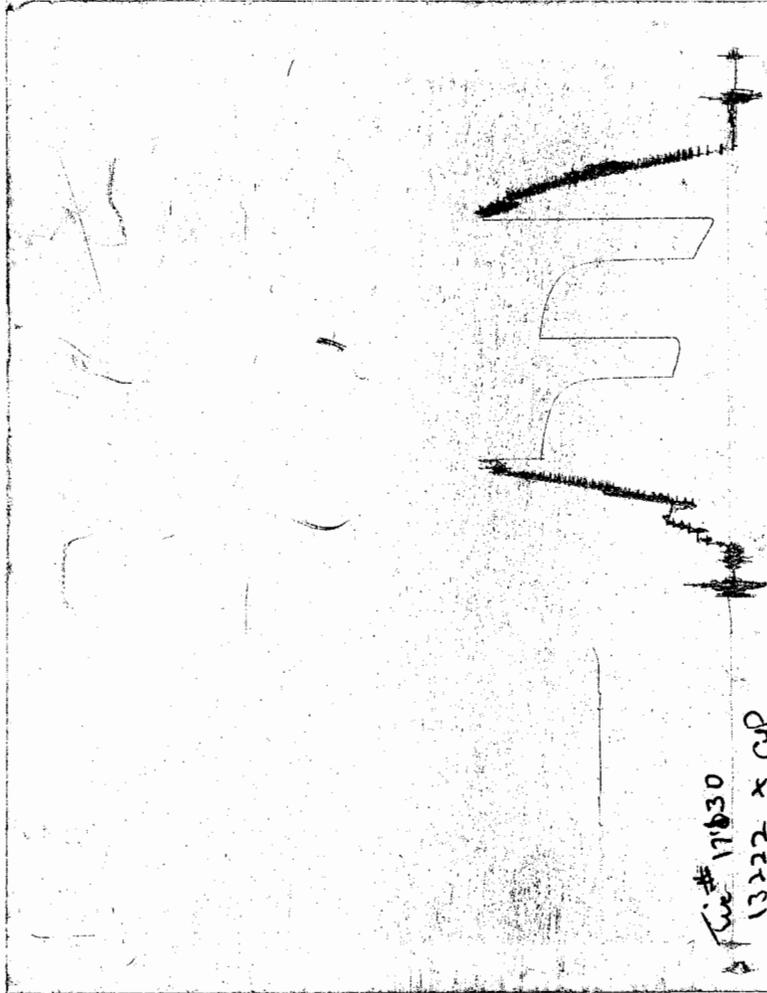
Laboratory Name: Laboratory Location:

Recovery Comments:

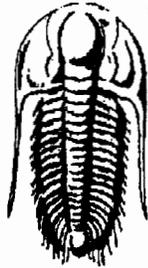
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CHART PAGE
This is a photocopy of the actual AK-1 recorder chart



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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Energies Corp.**

155 N. Market Ste. 710
Wichita KS 67202

ATTN: Doug Davis

23-31s-13w Barber Ks

Packard D#1

Start Date: 2003.08.13 @ 09:56:52

End Date: 2003.08.13 @ 17:16:37

Job Ticket #: 17065 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Energies Corp.

Packard D#1

23-31s-13w Barber Ks

DST # 2

Lower{Douglas}

2003.08.13

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

Packard D#1
23-31s-13w Barber Ks
 Job Ticket: 17065 **DST#: 2**
 Test Start: 2003.08.13 @ 09:56:52

GENERAL INFORMATION:

Formation: **Lower(Douglas)**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:04:52
 Time Test Ended: 17:16:37
 Interval: **3654.00 ft (KB) To 3666.00 ft (KB) (TVD)**
 Total Depth: 3666.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

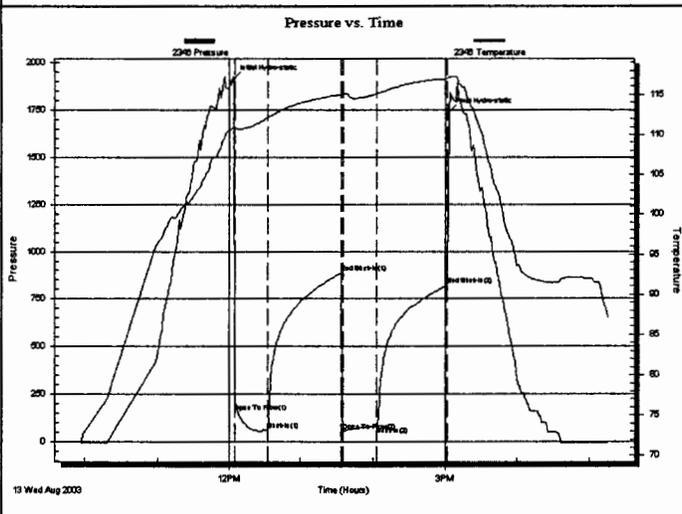
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Test Type: Conventional Bottom Hole
 Tester: Darren L. Amerine
 Unit No: 19
 Reference Elevations: 1609.00 ft (KB)
 1604.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 2346

Inside
 Press@RunDepth: 83.39 psig @ 3656.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2003.08.13 End Date: 2003.08.13 Last Calib.: 2003.08.13
 Start Time: 09:56:54 End Time: 17:16:37 Time On Btm: 2003.08.13 @ 12:04:07
 Time Off Btm: 2003.08.13 @ 15:02:52

TEST COMMENT: IF: Strong blow b.o.b in 15 sec. GTS in 5 mins. gauge gas.
 IS: Bled down n for 4 mins. no blow back.
 FF: Strong blow b.o.b in 10 sec. gauge gas.
 FS: Bled down n for 4 mins. built back to weak surface blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.98	110.90	Initial Hydro-static
1	154.93	110.92	Open To Flow (1)
29	62.81	112.17	Shut-in(1)
90	886.40	115.01	End Shut-in(1)
92	53.55	115.12	Open To Flow (2)
120	83.39	115.12	Shut-in(2)
178	821.44	116.97	End Shut-in(2)
179	1736.52	117.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3413' of gip	0.00
220.00	HG&OCMW50% gas 30% oil 10% mud 10% 1.96ter	

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	2.00	60.08
Last Gas Rate	0.25	1.00	24.43
Max. Gas Rate	0.25	2.50	26.81



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Packard D#1
23-31s-13w Barber Ks
Job Ticket: 17065 DST#: 2
Test Start: 2003.08.13 @ 09:56:52

Tool Information

Drill Pipe:	Length: 3510.29 ft	Diameter: 3.80 inches	Volume: 49.24 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: 123.71 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 49.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3654.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3626.00	
Shut In Tool	5.00			3631.00	
Hydraulic tool	5.00			3636.00	
Jars	5.00			3641.00	
Safety Joint	3.00			3644.00	
Packer	5.00			3649.00	29.00 Bottom Of Top Packer
Packer	5.00			3654.00	
Stubb	2.00			3656.00	
Recorder	0.00	2346	Inside	3656.00	
Anchor	7.00			3663.00	
Recorder	0.00	10991	Outside	3663.00	
Bullnose	3.00			3666.00	12.00 Bottom Packers & Anchor

Total Tool Length: 41.00

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Packard D#1
23-31s-13w Barber Ks
Job Ticket: 17065 **DST#: 2**
Test Start: 2003.08.13 @ 09:56:52

Mud and Cushion Information

Mud Type: Polymer	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	165000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.56 in ³	Gas Cushion Type:		
Resistivity: 0.09 ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 0.32 inches			

Recovery Information

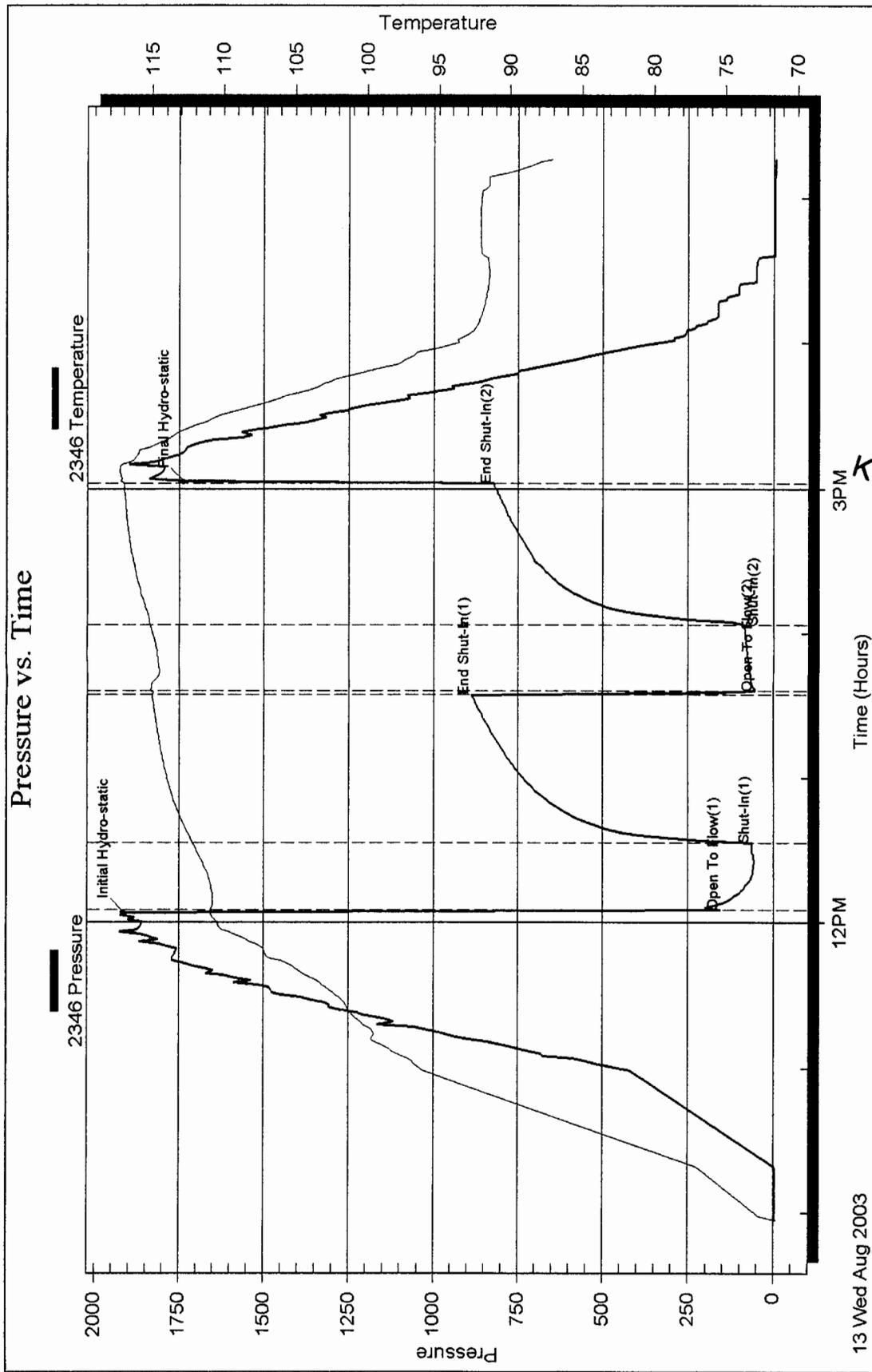
Recovery Table

Length ft	Description	Volume bbl
0.00	3413' of gip	0.000
220.00	HG&OCMV50%gas 30%oil 10%mud 10%w ε	1.959

Total Length: 220.00 ft Total Volume: 1.959 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments: .04@90 '=165000

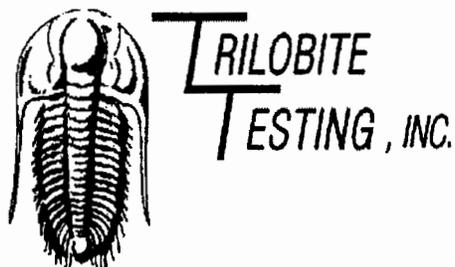
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Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **American Energies Corp.**

155 N. Market Ste. 710
Wichita KS 67202

ATTN: Doug Davis

23-31s-13w Barber Ks

Packard D#1

Start Date: 2003.08.16 @ 04:06:32

End Date: 2003.08.16 @ 12:08:16

Job Ticket #: 17131 DST #: 3

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Energies Corp.

Packard D#1

155 N. Market Ste. 710
Wichita KS 67202

23-31s-13w Barber Ks

ATTN: Doug Davis

Job Ticket: 17131

DST#: 3

Test Start: 2003.08.16 @ 04:06:32

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:17:16

Time Test Ended: 12:08:16

Interval: **4449.00 ft (KB) To 4485.00 ft (KB) (TVD)**

Total Depth: 4485.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

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Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Reference Elevations: 1609.00 ft (KB)

1604.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **6741**

Inside

Press@RunDepth: 57.50 psig @ 4450.00 ft (KB)

Start Date: 2003.08.16

End Date:

2003.08.16

Start Time: 04:06:32

End Time:

12:08:16

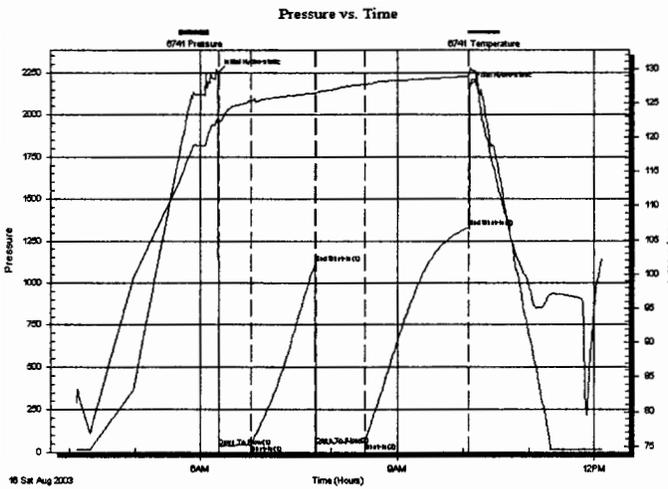
Capacity: 7000.00 psig

Last Calib.: 2003.08.16

Time On Btm: 2003.08.16 @ 06:16:46

Time Off Btm: 2003.08.16 @ 10:05:46

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 19 mins.
IS: No blow .
FF: Strong blow . B.O.B. in 2 - 3 secs.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.95	122.68	Initial Hydro-static
1	33.52	122.30	Open To Flow (1)
30	45.90	125.43	Shut-in(1)
90	1119.79	126.45	End Shut-in(1)
90	45.43	126.41	Open To Flow (2)
134	57.50	127.69	Shut-in(2)
229	1330.61	128.87	End Shut-in(2)
229	2170.50	129.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	GOCM 12%g 18%o 70%m	0.34
0.00	2650 ft of gas in pipe	0.00

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corp.

Packard D#1

155 N. Market Ste. 710
Wichita KS 67202

23-31s-13w Barber Ks

Job Ticket: 17131

DST#: 3

ATTN: Doug Davis

Test Start: 2003.08.16 @ 04:06:32

Tool Information

Drill Pipe:	Length: 4311.00 ft	Diameter: 3.80 inches	Volume: 60.47 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 61.06 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4449.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4423.00	
Shut In Tool	5.00			4428.00	
Hydraulic tool	5.00			4433.00	
Jars	5.00			4438.00	
Safety Joint	2.00			4440.00	
Packer	4.00			4444.00	27.00 Bottom Of Top Packer
Packer	5.00			4449.00	
Stubb	1.00			4450.00	
Recorder	0.00	6741	Inside	4450.00	
Perforations	30.00			4480.00	
Recorder	0.00	13222	Outside	4480.00	
Bullnose	5.00			4485.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00

17 636



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Packard D#1
23-31s-13w Barber Ks
Job Ticket: 17131 **DST#: 3**
Test Start: 2003.08.16 @ 04:06:32

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:	5000 ppm
Viscosity:	42.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	12.77 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	GOCM 12%g 18%o 70%m	0.344
0.00	2650 ft of gas in pipe	0.000

Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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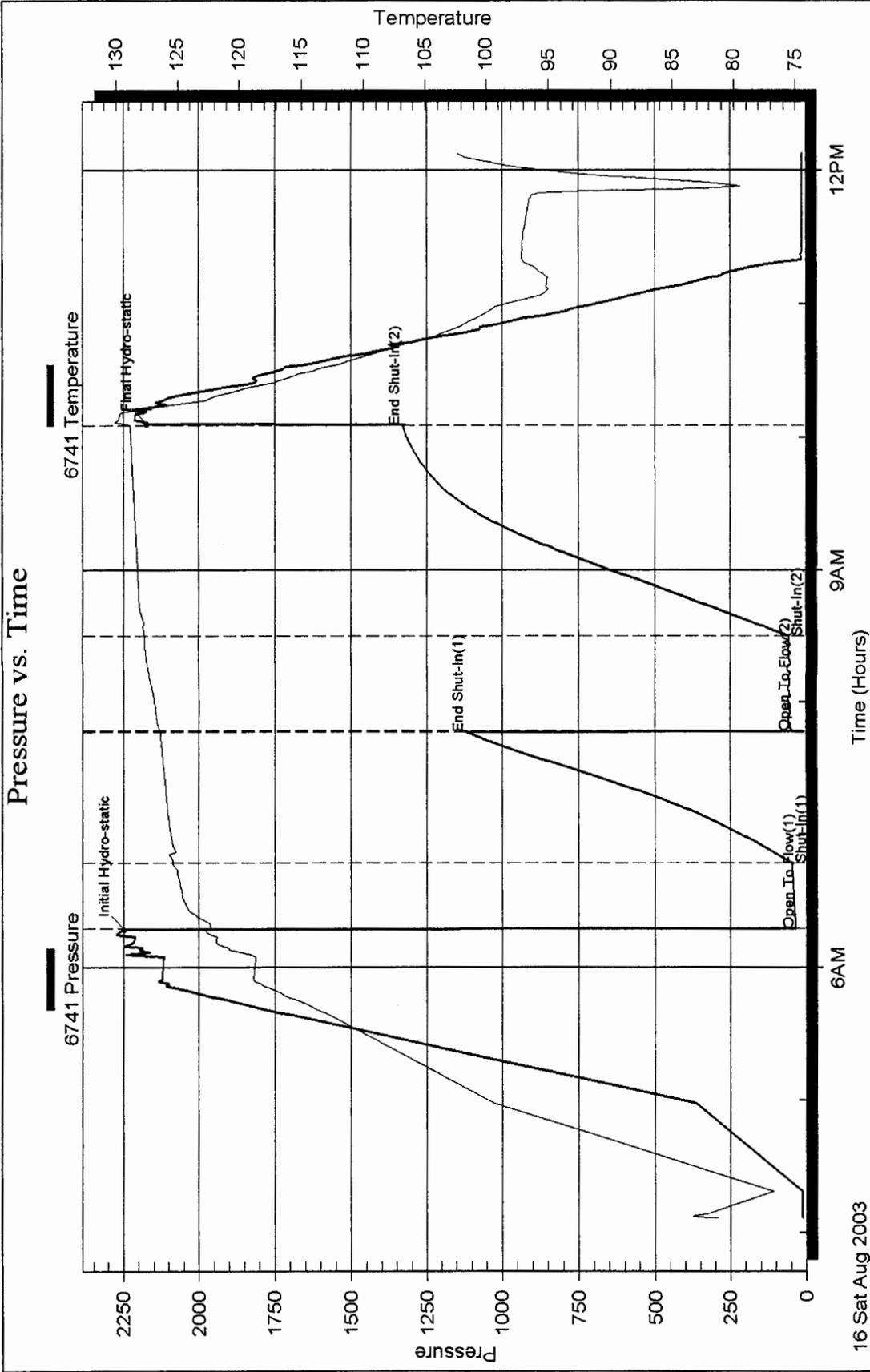
Serial #: 6741

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23-31s-13w Barber Ks

DST Test Number: 3

Pressure vs. Time



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