



DRILL STEM TEST REPORT

Prepared For: **American Energies,corporation.**

155 N.Market Suite 710
Wichita,Ks.67202

ATTN: Doug Davis

10-31S-13W

Maddix Trust #1

Start Date: 2003.03.31 @ 01:17:10

End Date: 2003.03.31 @ 09:35:10

Job Ticket #: 16887 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

American Energies, corporation.

155 N. Market Suite 710
Wichita, Ks. 67202

ATTN: Doug Davis

Maddix Trust #1

10-31S-13W

Job Ticket: 16887

DST#: 1

Test Start: 2003.03.31 @ 01:17:10

GENERAL INFORMATION:

Formation: **Lower-Douglas**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:42:55

Time Test Ended: 09:35:10

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **3660.00 ft (KB) To 3768.00 ft (KB) (TVD)**

Total Depth: 3768.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1678.00 ft (KB)

1669.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2346

Inside

Press@RunDepth: 504.73 psig @ 3670.00 ft (KB)

Start Date: 2003.03.31

End Date:

2003.03.31

Capacity: 7000.00 psig

Last Calib.: 2003.03.31

Start Time: 01:17:12

End Time:

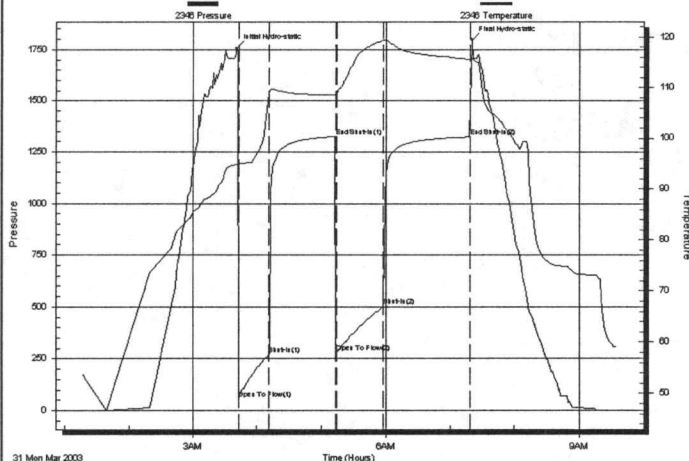
09:35:10

Time On Btm: 2003.03.31 @ 03:40:55

Time Off Btm: 2003.03.31 @ 07:19:55

TEST COMMENT: IF: Strong blow b.o.b in 4-1/2 mins.
IS: Bled down for 5 mins. no blow back.
FF: Strong blow b.o.b in 5 mins.
FS: Bled down for 3 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.49	94.80	Initial Hydro-static
2	54.67	95.00	Open To Flow (1)
31	271.37	109.00	Shut-In (1)
93	1324.58	108.66	End Shut-In (1)
94	278.82	108.79	Open To Flow (2)
137	504.73	119.32	Shut-In (2)
218	1323.10	115.62	End Shut-In (2)
219	1796.28	115.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1016.00	153 - Salt Water	13.14
435.00	400 - Mud and Gas cut Water	6.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies, corporation.

Maddix Trust #1

155 N. Market Suite 710
Wichita, Ks. 67202

10-31S-13W

Job Ticket: 16887

DST#: 1

ATTN: Doug Davis

Test Start: 2003.03.31 @ 01:17:10

Tool Information

Drill Pipe:	Length: 3538.00 ft	Diameter: 3.80 inches	Volume: 49.63 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 50.23 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3660.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	137.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3632.00	
S.I. Tool	5.00			3637.00	
HMV	5.00			3642.00	
Jars	5.00			3647.00	
Safety Joint	3.00			3650.00	
Packer	5.00			3655.00	29.00 Bottom Of Top Packer
Packer	5.00			3660.00	
Stubb	1.00			3661.00	
Anchor	9.00			3670.00	
Recorder	0.00	2346	Inside	3670.00	
Blank Spacing	95.00			3765.00	
Recorder	0.00	10991	Outside	3765.00	
Bullnose	3.00			3768.00	108.00 Bottom Packers & Anchor

Total Tool Length: 137.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies, corporation.

Maddix Trust #1

155 N. Market Suite 710
Wichita, Ks. 67202

10-31S-13W

Job Ticket: 16887

DST#: 1

ATTN: Doug Davis

Test Start: 2003.03.31 @ 01:17:10

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:

85000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: 2.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1016.00	153 - Salt Water	13.140
435.00	400 - Mud and Gas cut Water	6.102

Total Length: 1451.00 ft

Total Volume: 19.242 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

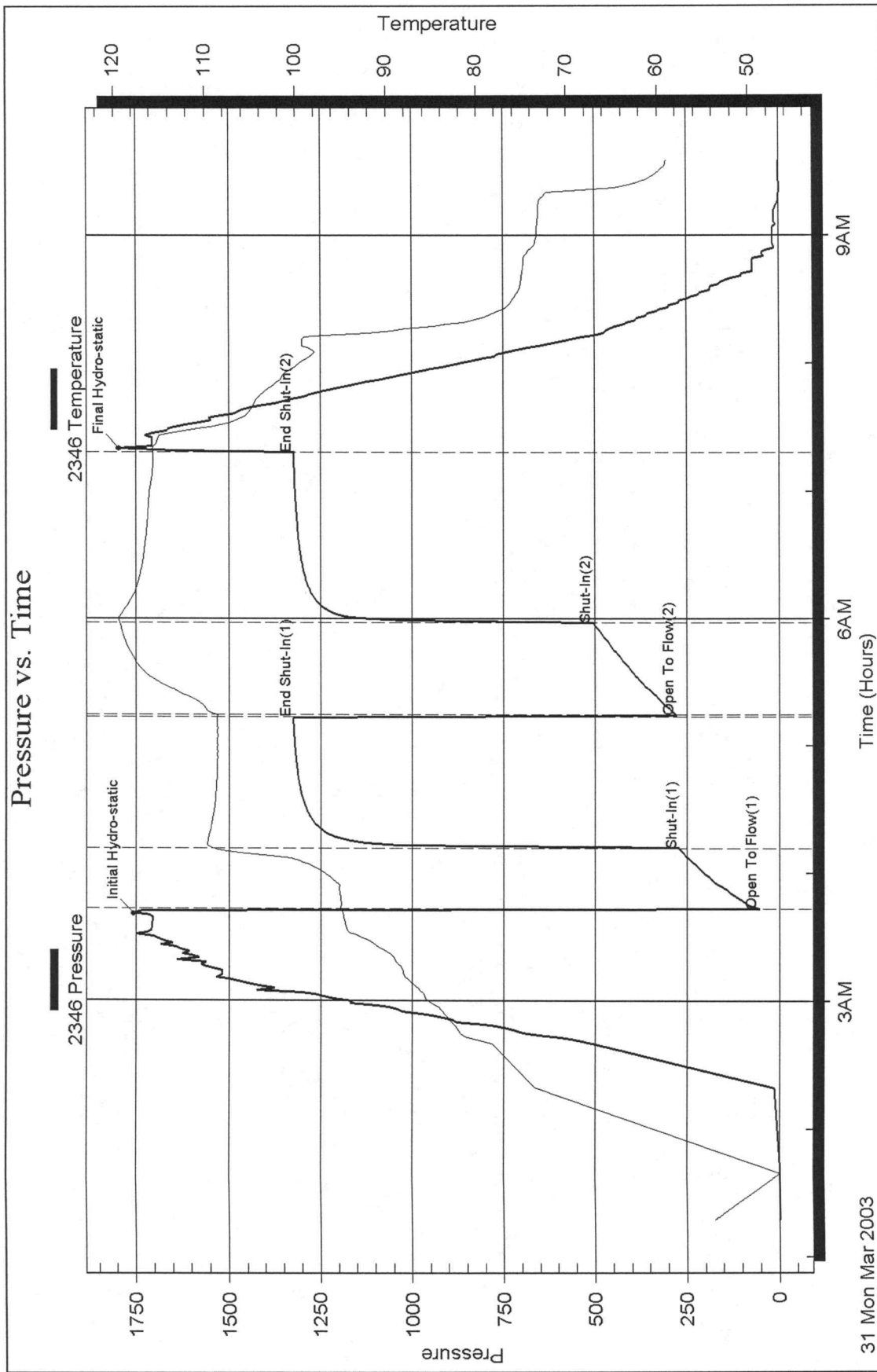
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .07@75'degrees--85000

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **American Energies,corporation.**

155 N.Market Suite 710
Wichita,Ks.67202

ATTN: Doug Davis

10-31S-13W

Maddix Trust #1

Start Date: 2003.04.01 @ 23:15:48

End Date: 2003.04.02 @ 07:31:46

Job Ticket #: 16888 DST #: 2

Trilobite Testing, Inc

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



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TESTING, INC.**

DRILL STEM TEST REPORT

American Energies, corporation.

155 N. Market Suite 710
Wichita, Ks. 67202

ATTN: Doug Davis

Maddix Trust #1

10-31S-13W

Job Ticket: 16888

DST#: 2

Test Start: 2003.04.01 @ 23:15:48

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:39:01

Time Test Ended: 07:31:46

Test Type: Conventional Bottom Hole

Tester: Darren L. Amerine

Unit No: 19

Interval: **4271.00 ft (KB) To 4300.00 ft (KB) (TVD)**

Total Depth: 4300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1678.00 ft (KB)

1669.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2346

Inside

Press@RunDepth: 38.67 psig @ 4272.00 ft (KB)

Start Date: 2003.04.01

End Date:

2003.04.02

Capacity: 7000.00 psig

Last Calib.: 2003.04.02

Start Time: 23:15:48

End Time:

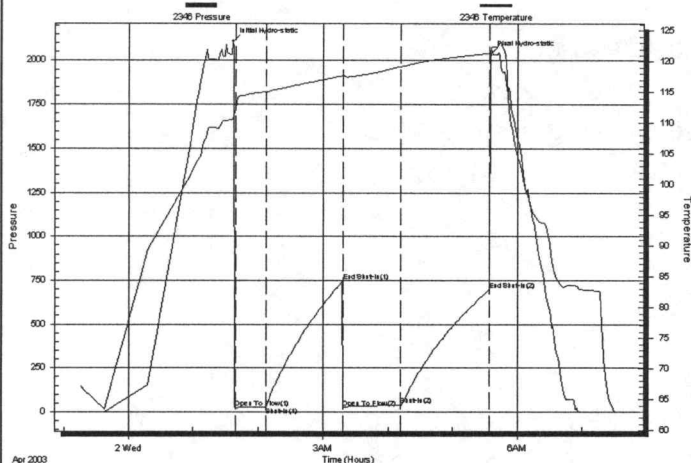
07:31:46

Time On Btm: 2003.04.02 @ 01:37:01

Time Off Btm: 2003.04.02 @ 05:35:01

TEST COMMENT: IF: Strong blow b.o.b in 30 sec.
IS: Bled down for 3 mins. no blow back.
FF: Strong blow b.o.b in 15 sec.
FS: Bled down for 10 mins. no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.35	110.69	Initial Hydro-static
2	22.99	112.28	Open To Flow (1)
31	28.32	115.07	Shut-In (1)
101	743.83	117.66	End Shut-In (1)
102	21.99	117.80	Open To Flow (2)
155	38.67	119.14	Shut-In (2)
237	693.96	121.37	End Shut-In (2)
238	2037.05	121.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2940.00	01 - Gas	40.12
65.00	110 - Gas and Oil and Water cut Mud	0.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies, corporation.

155 N. Market Suite 710
Wichita, Ks. 67202

ATTN: Doug Davis

Maddix Trust #1

10-31S-13W

Job Ticket: 16888

DST#: 2

Test Start: 2003.04.01 @ 23:15:48

Tool Information

Drill Pipe:	Length: 4130.08 ft	Diameter: 3.80 inches	Volume: 57.93 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: 122.92 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume:	58.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4271.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 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
C.O. Sub	1.00			4243.00	
S.I. Tool	5.00			4248.00	
HMV	5.00			4253.00	
Jars	5.00			4258.00	
Safety Joint	3.00			4261.00	
Packer	5.00			4266.00	29.00 Bottom Of Top Packer
Packer	5.00			4271.00	
Stubb	1.00			4272.00	
Recorder	0.00	2346	Inside	4272.00	
Anchor	25.00			4297.00	
Recorder	0.00	10991	Outside	4297.00	
Bullnose	3.00			4300.00	29.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies, corporation.

Maddix Trust #1

155 N. Market Suite 710
Wichita, Ks. 67202

10-31S-13W

Job Ticket: 16888

DST#: 2

ATTN: Doug Davis

Test Start: 2003.04.01 @ 23:15:48

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2940.00	01 - Gas	40.121
65.00	110 - Gas and Oil and Water cut Mud	0.912

Total Length: 3005.00 ft

Total Volume: 41.033 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

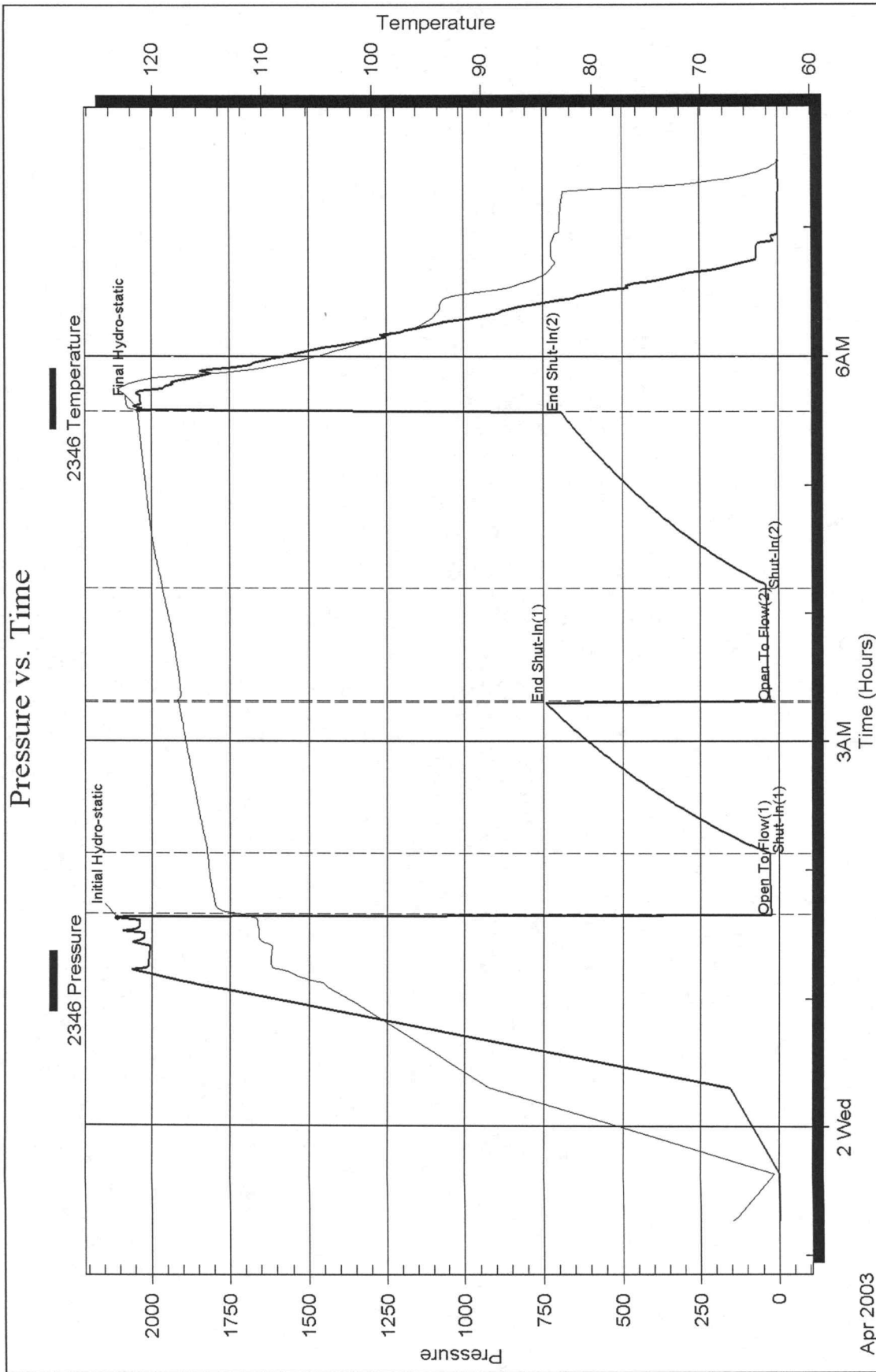
Serial #: 2346

Inside

American Energies, corporation.

10-31S-13W

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **American Energies,corporation.**

155 N.Market Suite 710
Wichita,Ks.67202

ATTN: Doug Davis

10-31S-13W

Maddix Trust #1

Start Date: 2003.04.02 @ 09:12:59

End Date: 2003.04.02 @ 17:21:29

Job Ticket #: 16889 DST #: 3

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DRILL STEM TEST REPORT

American Energies, corporation.

155 N. Market Suite 710
Wichita, Ks. 67202

ATTN: Doug Davis

Maddix Trust #1

10-31S-13W

Job Ticket: 16889

DST#: 3

Test Start: 2003.04.02 @ 09:12:59

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:51:14

Time Test Ended: 17:21:29

Test Type: Conventional Straddle

Tester: Darren L. Amerine

Unit No: 19

Interval: **4226.00 ft (KB) To 4265.00 ft (KB) (TVD)**

Total Depth: 4300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1678.00 ft (KB)

1669.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 2346

Inside

Press@RunDepth: 62.58 psig @ 4227.00 ft (KB)

Start Date: 2003.04.02 End Date: 2003.04.02

Start Time: 09:13:01 End Time: 17:21:29

Capacity: 7000.00 psig

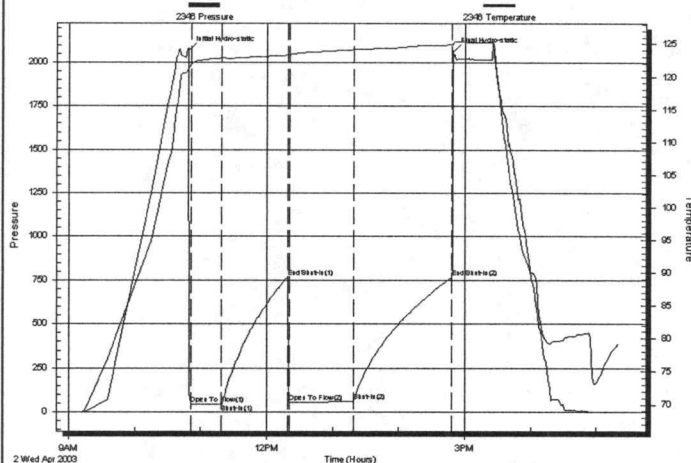
Last Calib.: 2003.04.02

Time On Btm: 2003.04.02 @ 10:48:59

Time Off Btm: 2003.04.02 @ 14:49:14

TEST COMMENT: IF: Strong blow b.o.b in 30 sec.
IS: Bled down n for 5 mins. no blow back.
FF: Strong blow b.o.b in 15 sec. GTS in 13 mins. gauge gas.
FS: Bled down n for 5 mins.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.56	121.26	Initial Hydro-static
3	42.84	121.99	Open To Flow (1)
30	44.76	122.80	Shut-In (1)
90	767.00	123.23	End Shut-In (1)
92	54.21	123.36	Open To Flow (2)
151	62.58	124.11	Shut-In (2)
239	766.30	124.85	End Shut-In (2)
241	2063.09	124.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
4096.00	01 - Gas	56.34
123.00	103 - Gas and Oil cut Mud	1.73

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies, corporation.

Maddix Trust #1

155 N. Market Suite 710
Wichita, Ks. 67202

10-31S-13W

Job Ticket: 16889

DST#: 3

ATTN: Doug Davis

Test Start: 2003.04.02 @ 09:12:59

Tool Information

Drill Pipe:	Length: 4096.08 ft	Diameter: 3.80 inches	Volume: 57.46 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: 122.92 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 62000.00 lb
		Total Volume: 58.06 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4226.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	4265.00 ft			
Interval between Packers:	39.00 ft			
Tool Length:	108.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4198.00	
S.I. Tool	5.00			4203.00	
HMV	5.00			4208.00	
Jars	5.00			4213.00	
Safety Joint	3.00			4216.00	
Packer	5.00			4221.00	29.00 Bottom Of Top Packer
Packer	5.00			4226.00	
Stubb	1.00			4227.00	
Recorder	0.00	2346	Inside	4227.00	
Anchor	38.00			4265.00	
Recorder	0.00	13769	Outside	4265.00	39.00 Tool Interval
Packer	5.00			4270.00	
C.O. Sub	0.50			4270.50	
Blank Spacing	31.00			4301.50	
C.O. Sub	0.50			4302.00	
Recorder	0.00	10991	Below	4302.00	
Bullnose	3.00			4305.00	40.00 Bottom Packers & Anchor
Total Tool Length:		108.00			



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Maddix Trust #1

155 N. Market Suite 710
Wichita, Ks. 67202

10-31S-13W

Job Ticket: 16889

DST#: 3

ATTN: Doug Davis

Test Start: 2003.04.02 @ 09:12:59

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
4096.00	01 - Gas	56.336
123.00	103 - Gas and Oil cut Mud	1.725

Total Length: 4219.00 ft

Total Volume: 58.061 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

