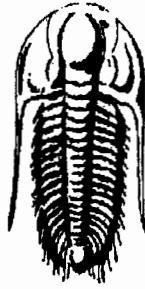


16-27S-7w

Note Range is 7,
not 6 as listed on
forms.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Energies Corp**

155 N Market Ste 710
Wichita KS 67202

ATTN: David Goldak

⁷
16 27S 6W Kingman KS

Wooldridge 'A' #3-16

Start Date: 2006.07.21 @ 18:12:12

End Date: 2006.07.22 @ 01:37:57

Job Ticket #: 25014 DST #: 1

15-095-22 046-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Energies Corp

Wooldridge 'A' #3-16

16 27S ⁷ 6W Kingman KS

DST # 1

Indian Cave

2006.07.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Energies Corp

155 N Market Ste 710
Wichita KS 67202

ATTN: David Goldak

Wooldridge 'A' #3-16

16 27S 6W Kingman KS

Job Ticket: 25014

DST#: 1

Test Start: 2006.07.21 @ 18:12:12

GENERAL INFORMATION:

Formation: **Indian Cave**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 20:39:12

Time Test Ended: 01:37:57

Test Type: **Conventional Bottom Hole**

Tester: **John Colavito**

Unit No: **36**

Interval: **1914.00 ft (KB) To 1972.00 ft (KB) (TVD)**

Total Depth: **1972.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1529.00 ft (KB)**

1524.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6799** Inside

Press@RunDepth: **93.51 psig @ 1915.00 ft (KB)**

Start Date: **2006.07.21**

End Date: **2006.07.22**

Start Time: **18:12:17**

End Time: **01:37:56**

Capacity: **7000.00 psig**

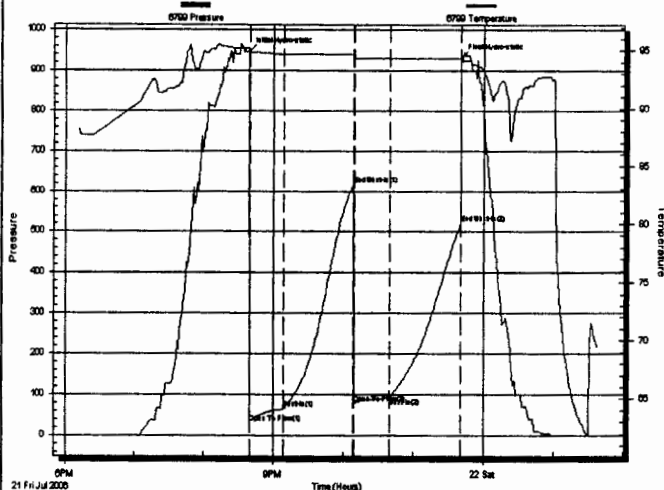
Last Calib.: **2006.07.22**

Time On Btm: **2006.07.21 @ 20:38:57**

Time Off Btm: **2006.07.21 @ 23:40:56**

TEST COMMENT: **IF Weak blow Built to 4" in bucket**
ISI No blow back
FF Weak blow Built to 4" in bucket
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	944.78	95.24	Initial Hydro-static
1	30.49	94.83	Open To Flow (1)
30	64.68	94.68	Shut-In(1)
90	615.30	94.70	End Shut-In(1)
90	79.13	94.49	Open To Flow (2)
121	93.51	94.32	Shut-In(2)
182	520.18	94.33	End Shut-In(2)
182	927.95	94.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	100%M	0.64

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corp

155 N Market Ste 710
Wichita KS 67202

ATTN: David Goldak

Wooldridge 'A' #3-16

16 27S 6W Kingman KS

Job Ticket: 25014

DST#: 1

Test Start: 2006.07.21 @ 18:12:12

Tool Information

Drill Pipe:	Length: 1677.00 ft	Diameter: 3.80 inches	Volume: 23.52 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 24.70 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	1914.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	81.00 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			1896.00	
Hydraulic tool	5.00			1901.00	
Safety Joint	3.00			1904.00	
Packer	5.00			1909.00	23.00 Bottom Of Top Packer
Packer	5.00			1914.00	
Stubb	1.00			1915.00	
Recorder	0.00	6799	Inside	1915.00	
Perforations	22.00			1937.00	
Change Over Sub	1.00			1938.00	
Blank Spacing	30.00			1968.00	
Change Over Sub	1.00			1969.00	
Recorder	0.00	13400	Outside	1969.00	
Bullnose	3.00			1972.00	58.00 Bottom Packers & Anchor

Total Tool Length: 81.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25014

DST#: 1

ATTN: David Goldak

Test Start: 2006.07.21 @ 18:12:12

Mud and Cushion Information

Mud Type: Water

Cushion Type:

Oil API:

deg API

Mud Weight: lb/gal

Cushion Length: ft

Water Salinity: ppm

Viscosity: sec/qt

Cushion Volume: bbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	100%M	0.639

Total Length: 130.00 ft Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

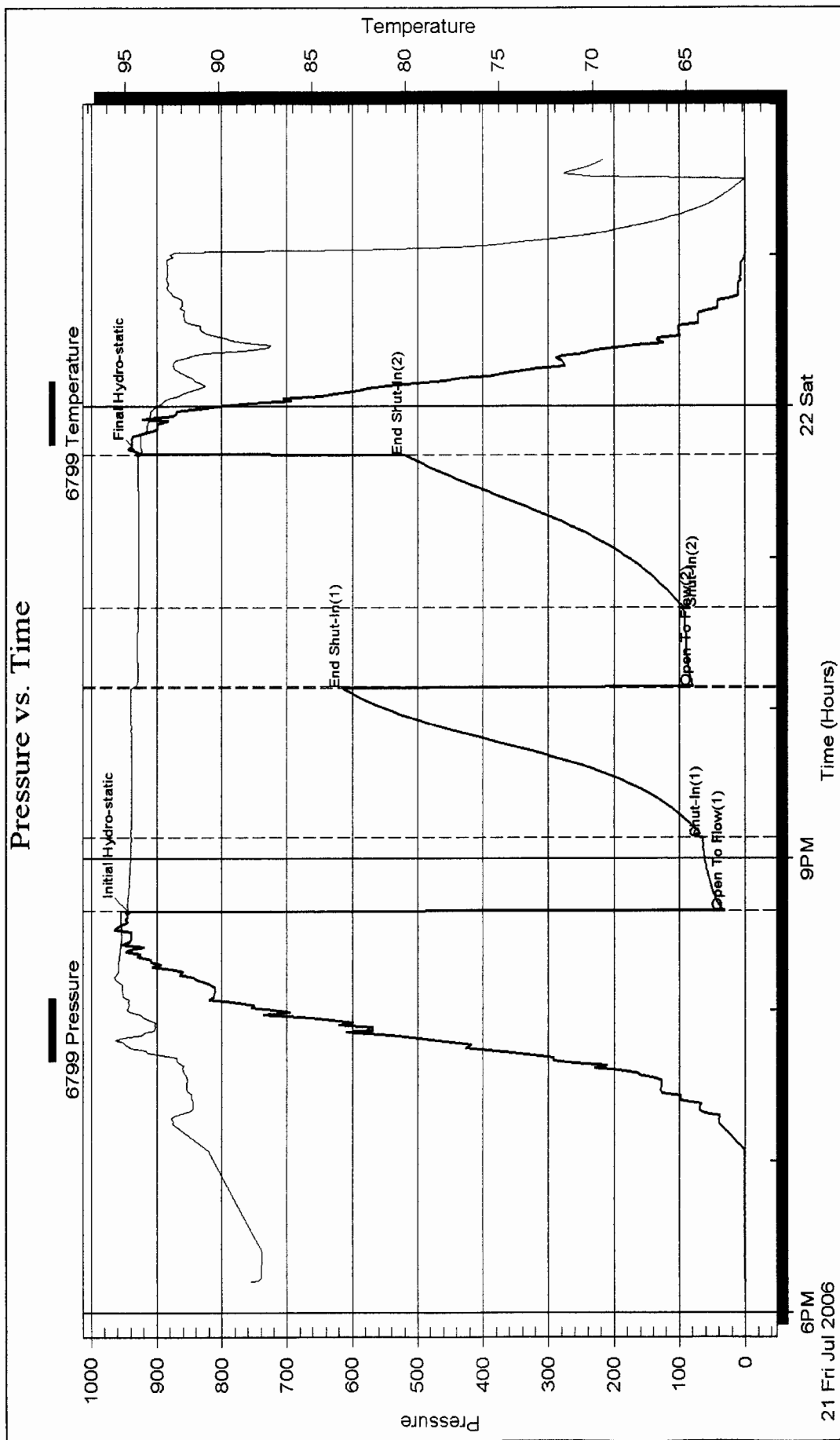
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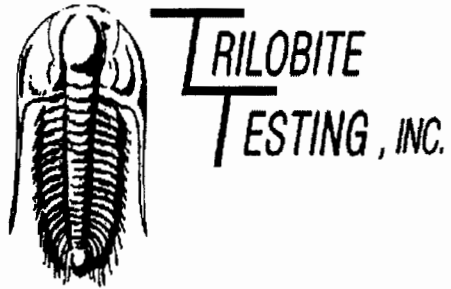
Laboratory Name:

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: David Goldak

16 27S 6W Kingman KS

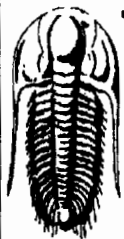
Wooldridge 'A' #3-16

Start Date: 2006.07.24 @ 23:47:08

End Date: 2006.07.25 @ 08:01:08

Job Ticket #: 25015 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

American Energies Corp

155 N Market Ste 710
Wichita KS 67202

ATTN: David Goldak

Wooldridge 'A' #3-16

16 27S 6W Kingman KS

Job Ticket: 25015

DST#: 2

Test Start: 2006.07.24 @ 23:47:08

GENERAL INFORMATION:

Formation: **Dennis**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:20:38

Time Test Ended: 08:01:08

Test Type: **Conventional Bottom Hole**

Tester: **John Colavito**

Unit No: **19**

Interval: **3412.00 ft (KB) To 3444.00 ft (KB) (TVD)**

Reference Elevations: **1529.00 ft (KB)**

Total Depth: **3444.00 ft (KB) (TVD)**

1524.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **5.00 ft**

Serial #: 6752 **Inside**

Press@RunDepth: **137.50 psig @ 3413.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.07.24**

End Date:

2006.07.25

Last Calib.:

2006.07.25

Start Time: **23:47:10**

End Time:

08:01:08

Time On Btm:

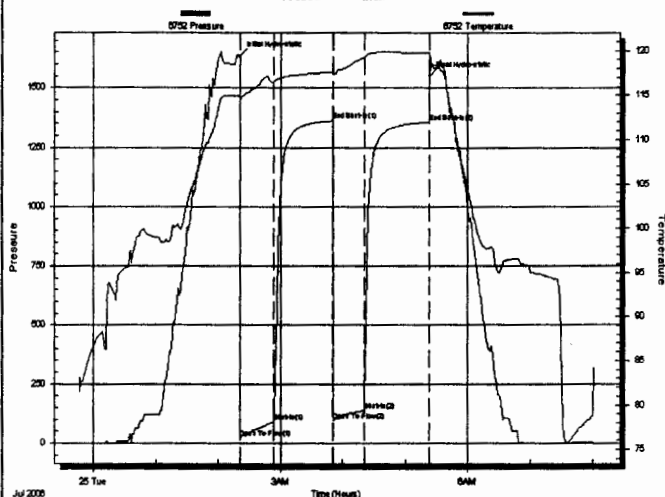
2006.07.25 @ 02:20:23

Time Off Btm:

2006.07.25 @ 05:23:08

TEST COMMENT: **IF Weak blow Built to 4 in**
ISI No blow back
FF Weak blow Built to 3 in
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1633.02	114.90	Initial Hydro-static
1	21.68	114.61	Open To Flow (1)
33	89.52	116.50	Shut-In(1)
90	1362.52	117.61	End Shut-In(1)
91	95.56	117.43	Open To Flow (2)
121	137.50	119.21	Shut-In(2)
183	1356.85	119.73	End Shut-In(2)
183	1549.95	119.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	MW 70%W 30%M	1.18
0.00	1.28OHMS@78.5deg=50000 Chlorides	0.00

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 Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25015

DST#: 2

ATTN: David Goldak

Test Start: 2006.07.24 @ 23:47:08

Tool Information

Drill Pipe:	Length: 3162.00 ft	Diameter: 3.80 inches	Volume: 44.35 bbl	Tool Weight: 2400.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume:	45.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	3412.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			3389.00	
Hydraulic tool	5.00			3394.00	
Jars	5.00			3399.00	
Safety Joint	3.00			3402.00	
Packer	5.00			3407.00	28.00 Bottom Of Top Packer
Packer	5.00			3412.00	
Stubb	1.00			3413.00	
Recorder	0.00	6752	Inside	3413.00	
Perforations	28.00			3441.00	
Recorder	0.00	6074	Outside	3441.00	
Bullnose	3.00			3444.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25015

DST#: 2

ATTN: David Goldak

Test Start: 2006.07.24 @ 23:47:08

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:

50000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 13.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	MW 70%W 30%M	1.180
0.00	1.28OHMS@78.5deg=50000 Chlorides	0.000

Total Length: 240.00 ft

Total Volume: 1.180 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

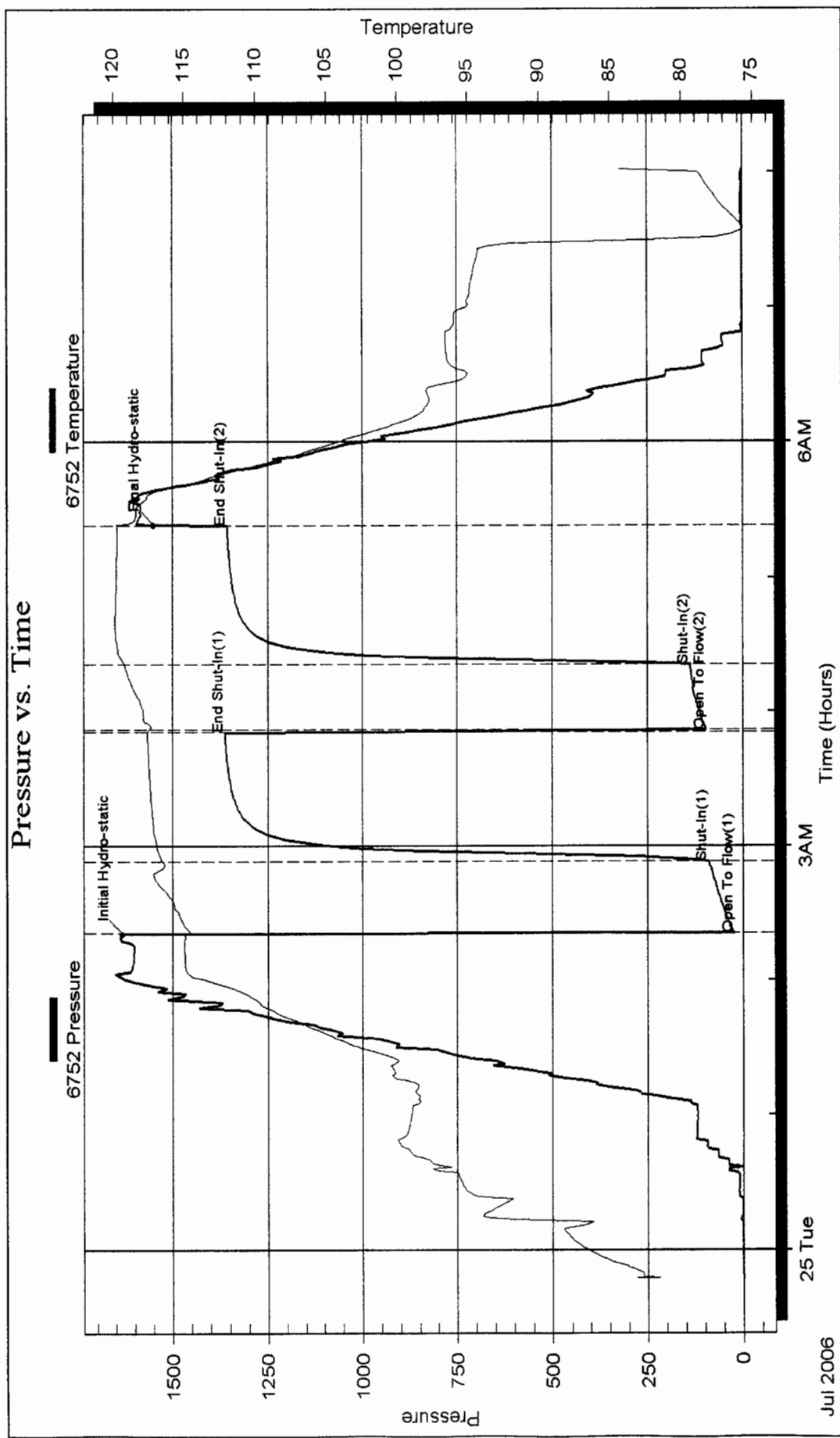
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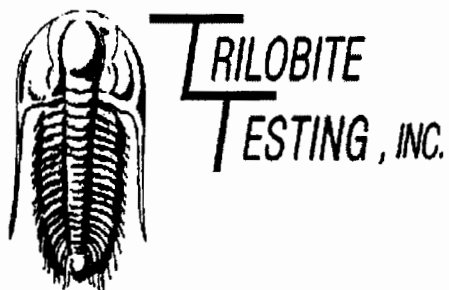
Laboratory Name:

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: David Goldak

16 27S 6W Kingman KS

Wooldridge 'A' #3-16

Start Date: 2006.07.26 @ 12:08:57

End Date: 2006.07.26 @ 20:56:42

Job Ticket #: 25016 DST #: 3

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 Corp

155 N Market Ste 710
Wichita KS 67202

ATTN: David Goldak

Wooldridge 'A' #3-16

16 27S 6W Kingman KS

Job Ticket: 25016

DST#: 3

Test Start: 2006.07.26 @ 12:08:57

GENERAL INFORMATION:

Formation: **Mississippi Chert**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 14:19:27

Time Test Ended: 20:56:42

Test Type: **Conventional Bottom Hole**

Tester: **John Colavito**

Unit No: **19**

Interval: **3796.00 ft (KB) To 3804.00 ft (KB) (TVD)**

Total Depth: **3804.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1529.00 ft (KB)**

1524.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6752**

Inside

Press@RunDepth: **140.22 psig @ 3797.00 ft (KB)**

Start Date: **2006.07.26**

End Date: **2006.07.26**

Capacity: **7000.00 psig**

Last Calib.: **2006.07.26**

Start Time: **12:08:59**

End Time: **20:56:42**

Time On Btm: **2006.07.26 @ 14:18:42**

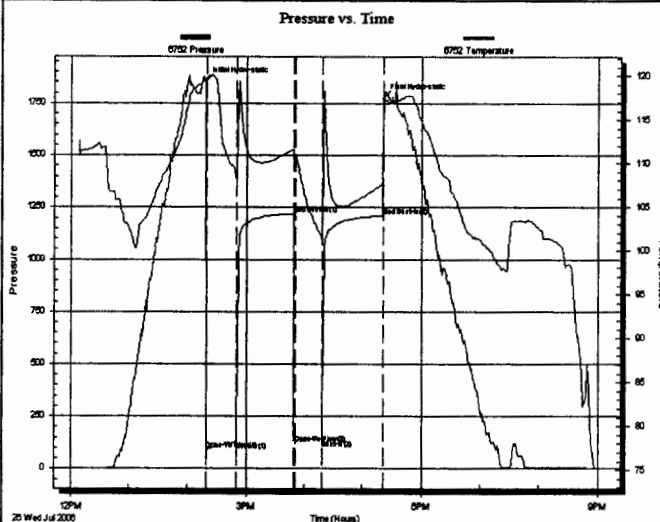
Time Off Btm: **2006.07.26 @ 17:21:12**

TEST COMMENT: **F Strong blow BOB in 10 sec GTSin 4 min (See gas flow chart)**

ISI Weak blow back

FF Strong blow BOB in 1sec (Caught gas sample)

FSI Weak blow back



PRESSURE SUMMARY

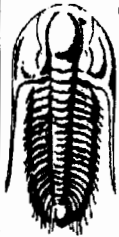
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1853.16	119.39	Initial Hydro-static
1	91.87	119.73	Open To Flow (1)
31	130.07	108.74	Shut-In(1)
91	1218.65	111.62	End Shut-In(1)
92	118.67	110.84	Open To Flow (2)
120	140.22	101.24	Shut-In(2)
182	1209.73	107.66	End Shut-In(2)
183	1773.50	114.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	WCM 80%M 20%W	0.89
0.00	3616 GP	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	8.00	349.88
Last Gas Rate	0.75	27.50	654.47
Max. Gas Rate	0.75	27.50	654.47



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25016

DST#: 3

ATTN: David Goldak

Test Start: 2006.07.26 @ 12:08:57

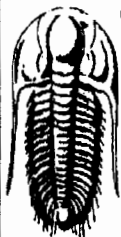
Tool Information

Drill Pipe:	Length: 3543.00 ft	Diameter: 3.80 inches	Volume: 49.70 bbl	Tool Weight: 2400.00 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 92000.00 lb
		Total Volume: 50.88 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	3796.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	36.00 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			3773.00	
Hydraulic tool	5.00			3778.00	
Jars	5.00			3783.00	
Safety Joint	3.00			3786.00	
Packer	5.00			3791.00	28.00 Bottom Of Top Packer
Packer	5.00			3796.00	
Stubb	1.00			3797.00	
Recorder	0.00	6752	Inside	3797.00	
Perforations	4.00			3801.00	
Recorder	0.00	6074	Outside	3801.00	
Bullnose	3.00			3804.00	8.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25016

DST#: 3

ATTN: David Goldak

Test Start: 2006.07.26 @ 12:08:57

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: 11.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	WCM 80%M 20%W	0.885
0.00	3616 GIP	0.000
0.00		0.000

Total Length: 180.00 ft

Total Volume: 0.885 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: J-C1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Energies Corp

Wooldridge 'A' #3-16

155 N Market Ste 710
Wichita KS 67202

16 27S 6W Kingman KS

Job Ticket: 25016

DST#: 3

ATTN: David Goldak

Test Start: 2006.07.26 @ 12:08:57

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 ³ /d)
1	10	0.75	8.00	349.88
1	10	0.75	8.00	349.88
1	20	0.75	18.00	506.08
1	30	0.75	22.00	568.56
2	10	0.75	26.00	631.04
2	20	0.75	27.50	654.47

