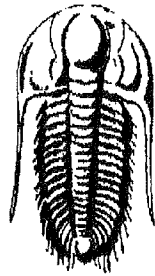


15-095-22125

34-27s-7w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Energies**

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

34 27 7W Kingman KS

Ewy 1-34

Start Date: 2007.11.11 @ 16:38:18

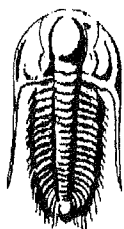
End Date: 2007.11.11 @ 22:12:35

Job Ticket #: 28134 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

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

Ewy 1-34

34 27 7W Kingman KS

Job Ticket: 28134

DST#: 1

Test Start: 2007.11.11 @ 16:38:18

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:05

Time Test Ended: 22:12:35

Interval: **3529.00 ft (KB) To 3561.00 ft (KB) (TVD)**

Total Depth: 3561.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 1545.00 ft (KB)

1542.00 ft (CF)

KB to GR/CF: 3.00 ft

Serial #: **6668**

Outside

Press@RunDepth: 23.64 psig @ 3529.00 ft (KB)

Start Date: 2007.11.11

End Date: 2007.11.11

Start Time: 16:38:23

End Time: 22:12:35

Capacity: 7000.00 psig

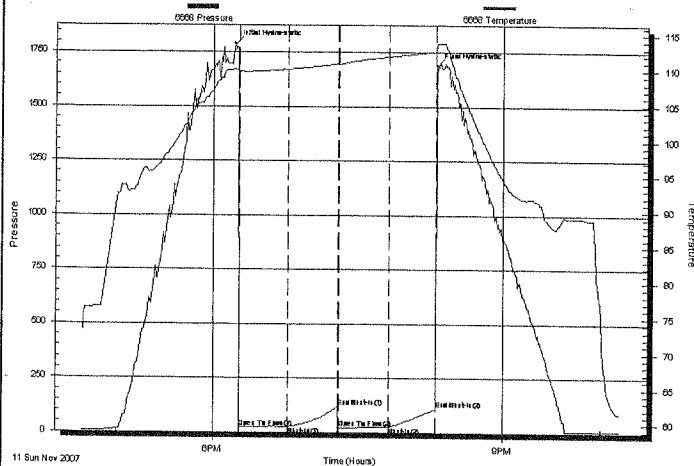
Last Calib.: 2007.11.11

Time On Btm: 2007.11.11 @ 18:13:35

Time Off Btm: 2007.11.11 @ 20:18:50

TEST COMMENT: IF Weak blow Building to 1/4 " & slowly died off in 8 mins.
ISI Bled off No blow back
FF Opened tool. No blow
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

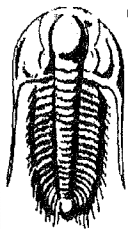
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1787.31	110.15	Initial Hydro-static
3	23.41	109.26	Open To Flow (1)
33	26.09	110.11	Shut-In (1)
63	120.85	110.88	End Shut-In (1)
64	19.35	110.82	Open To Flow (2)
95	23.64	111.90	Shut-In (2)
125	109.16	112.64	End Shut-In (2)
126	1686.02	113.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	GOcM 1%G 2%O 97%M	0.14

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

Ewy 1-34

155 N Market Ste 710
Wichita KS 67202

34 27 7W Kingman KS

Job Ticket: 28134

DST#: 1

ATTN: Doug Davis

Test Start: 2007.11.11 @ 16:38:18

Tool Information

Drill Pipe:	Length: 3505.00 ft	Diameter: 3.80 inches	Volume: 49.17 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
		Total Volume:	49.17 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3529.00 ft			Final	47000.00 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		

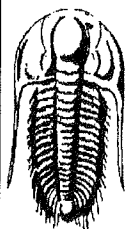
Tool Comments:

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------	------------	----------	------------	----------------

Shut In Tool	5.00		3506.00	
Hydraulic tool	5.00		3511.00	
Jars	5.00		3516.00	
Safety Joint	3.00		3519.00	
Packer	5.00		3524.00	28.00 Bottom Of Top Packer
Packer	5.00		3529.00	
Recorder	0.00	8359 Inside	3529.00	
Recorder	0.00	6668 Outside	3529.00	
Perforations	29.00		3558.00	
Bullnose	3.00		3561.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies

Ewy 1-34

155 N Market Ste 710
Wichita KS 67202

34 27 7W Kingman KS

Job Ticket: 28134

DST#: 1

ATTN: Doug Davis

Test Start: 2007.11.11 @ 16:38:18

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 11.19 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	GOcM 1%G 2%O 97%M	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

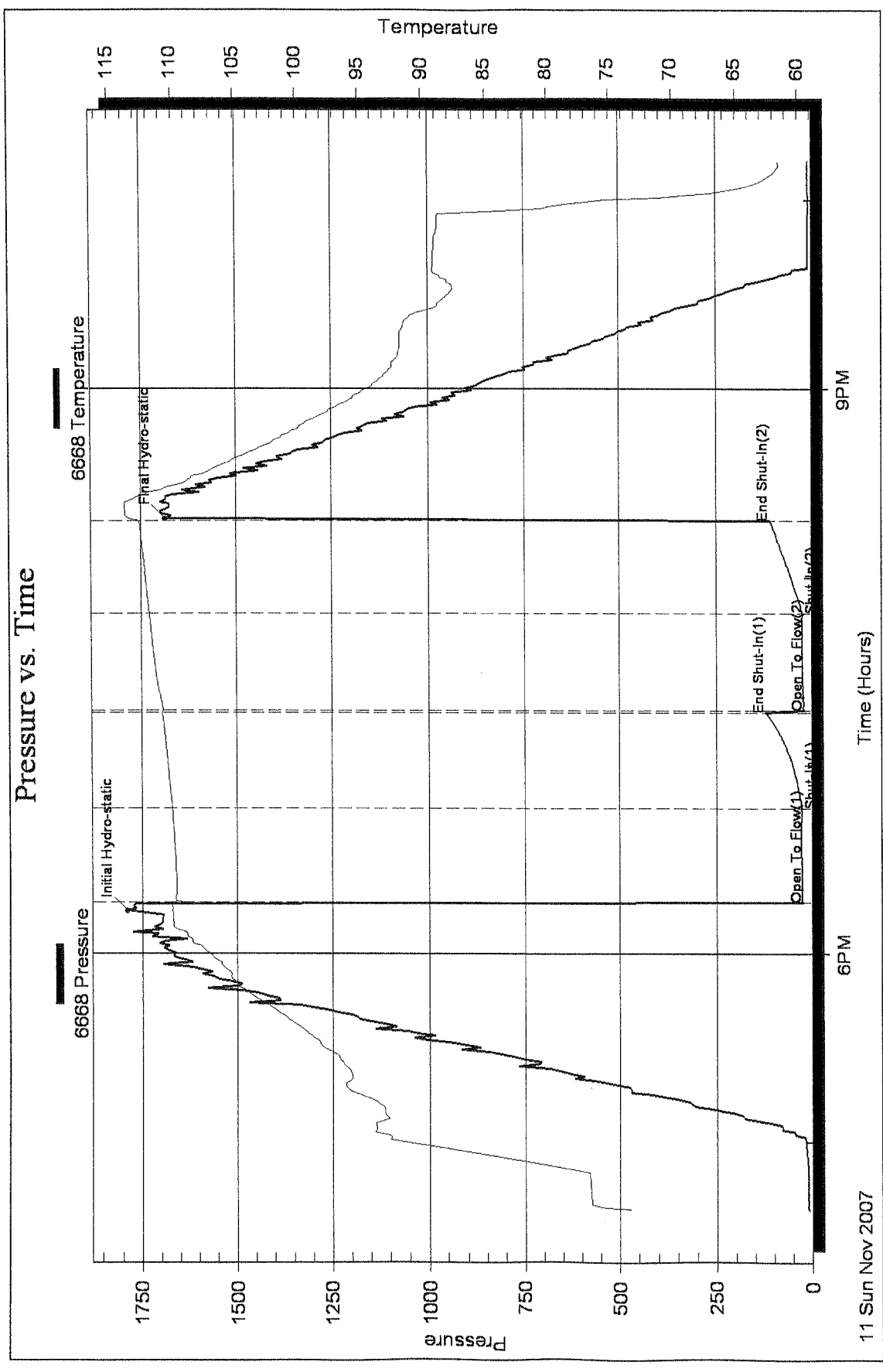
Num Gas Bombs: 0

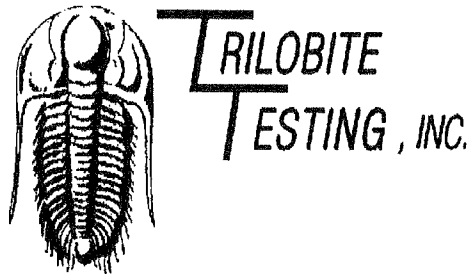
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **American Energies**

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

34 27 7W Kingman KS

Ewy 1-34

Start Date: 2007.11.13 @ 07:42:26

End Date: 2007.11.13 @ 13:59:11

Job Ticket #: 28135 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

155 N Market Ste 710
Wichita KS 67202

ATTN: Doug Davis

Ewy 1-34

34 27 7W Kingman KS

Job Ticket: 28135

DST#: 2

Test Start: 2007.11.13 @ 07:42:26

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:14:26

Time Test Ended: 13:59:11

Interval: **3853.00 ft (KB) To 3871.00 ft (KB) (TVD)**

Total Depth: 3871.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Reference Elevations: 1545.00 ft (KB)

1542.00 ft (CF)

KB to GR/CF: 3.00 ft

Serial #: 6668

Inside

Press@RunDepth: 75.25 psig @ 3853.00 ft (KB)

Start Date: 2007.11.13

End Date:

2007.11.13

Start Time: 07:42:31

End Time:

13:59:10

Capacity: 7000.00 psig

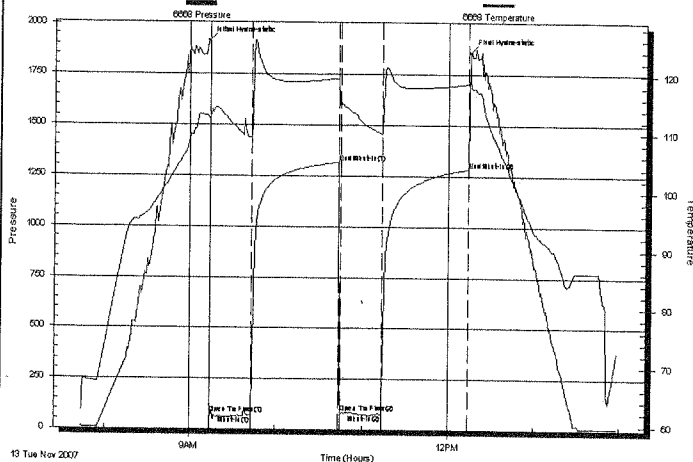
Last Calib.: 2007.11.13

Time On Btm: 2007.11.13 @ 09:13:11

Time Off Btm: 2007.11.13 @ 12:14:41

TEST COMMENT: IF Strong blow BOB immediately GTS in 6 mins. See gas report
ISI Bled off No blow back
FF Strong blow BOB immediately GTS See gas report
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

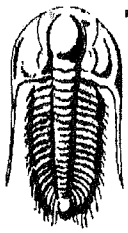
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.27	112.96	Initial Hydro-static
2	75.57	112.97	Open To Flow (1)
31	66.79	109.59	Shut-In(1)
91	1316.34	119.52	End Shut-In(1)
92	82.92	114.80	Open To Flow (2)
120	75.25	109.98	Shut-In(2)
181	1284.30	118.58	End Shut-In(2)
182	1859.46	119.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWM 10%G 30%W 60%M	0.84
10.00	GM 6%G 94%M	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	1.00	103.88
Last Gas Rate	0.50	10.00	164.60
Max. Gas Rate	0.50	12.00	178.09



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Energies

Ewy 1-34

155 N Market Ste 710
Wichita KS 67202

34 27 7W Kingman KS

Job Ticket: 28135

DST#:2

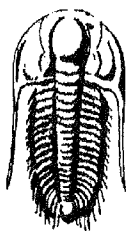
ATTN: Doug Davis

Test Start: 2007.11.13 @ 07:42:26

Tool Information

Drill Pipe:	Length: 3847.00 ft	Diameter: 3.80 inches	Volume: 53.96 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
		Total Volume:	53.96 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3853.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	46.00 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			3830.00	
Hydraulic tool	5.00			3835.00	
Jars	5.00			3840.00	
Safety Joint	3.00			3843.00	
Packer	5.00			3848.00	28.00 Bottom Of Top Packer
Packer	5.00			3853.00	
Recorder	0.00	8359	Inside	3853.00	
Recorder	0.00	6668	Inside	3853.00	
Perforations	15.00			3868.00	
Bullnose	3.00			3871.00	18.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

American Energies

Ewy 1-34

155 N Market Ste 710
Wichita KS 67202

34 27 7W Kingman KS

Job Ticket: 28135

DST#: 2

ATTN: Doug Davis

Test Start: 2007.11.13 @ 07:42:26

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:

70000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.10 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GWM 10%G 30%W 60%M	0.842
10.00	GM 6%G 94%M	0.140

Total Length: 70.00 ft

Total Volume: 0.982 bbl

Num Fluid Samples: 0

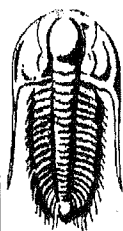
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

American Energies

Ewy 1-34

155 N Market Ste 710
Wichita KS 67202

34 27 7W Kingman KS

ATTN: Doug Davis

Job Ticket: 28135

DST#: 2

Test Start: 2007.11.13 @ 07:42:26

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

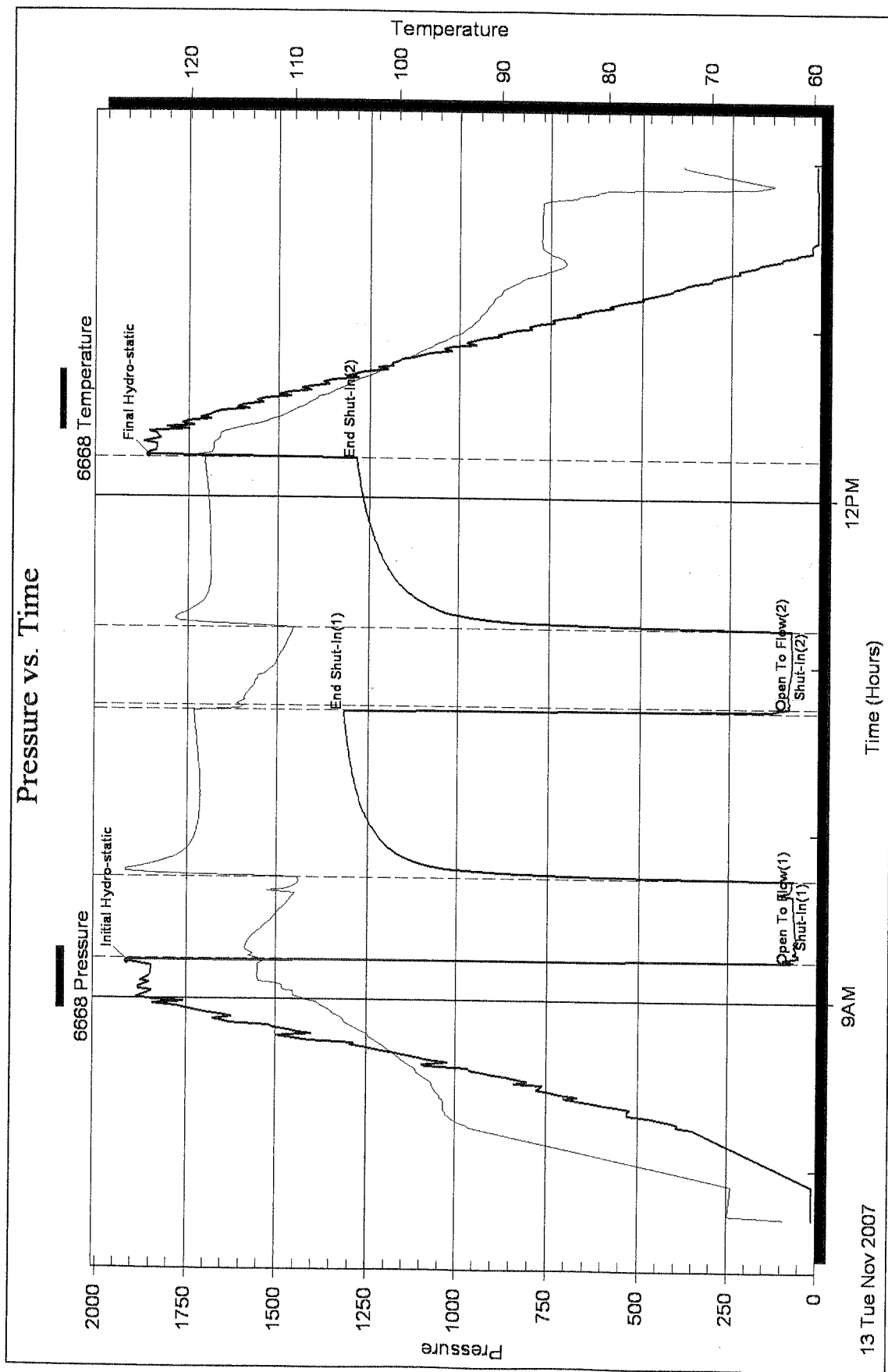
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	6	0.50	1.00	103.88
1	6	0.50	1.00	103.88
1	10	0.50	5.00	130.87
1	20	0.50	6.00	137.61
1	30	0.50	7.00	144.36
2	1	0.50	8.00	151.10
2	10	0.50	12.00	178.09
2	20	0.50	10.00	164.60

DST Test Number: 2

34 27 7W Kingman KS

Serial #: 6668 Inside American Energies

Pressure vs. Time



Ref. No: 28135

Trilobite Testing, Inc

Printed: 2007.11.16 @ 10:15:18 Page 6