

DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc**

200 W Douglas #520
Wichita KS 67202

ATTN: Ken Le Blanc

13 34S 11W Barber KS

Meyer #1-13

Start Date: 2007.01.09 @ 04:52:18

End Date: 2007.01.09 @ 15:07:18

Job Ticket #: 27039 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

Val Energy Inc

200 W Douglas #520
Wichita KS 67202

ATTN: Ken Le Blanc

Meyer #1-13

13 34S 11W Barber KS

Job Ticket: 27039

DST#: 1

Test Start: 2007.01.09 @ 04:52:18

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 08:35:18

Time Test Ended: 15:07:18

Test Type: **Conventional Bottom Hole**

Tester: **Zach Stover**

Unit No: **23**

Interval: **ft (KB) To 4690.00 ft (KB) (TVD)**

Total Depth: **4690.00 ft (KB) (TVD)**

Hole Diameter: **7.79 inches** Hole Condition: **Fair**

Reference Elevations: **1365.00 ft (KB)**

1355.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8290 **Inside**

Press@RunDepth: **68.50 psig @ 4666.00 ft (KB)**

Start Date: **2007.01.09**

End Date:

2007.01.09

Capacity: **7000.00 psig**

Last Calib.: **2007.01.09**

Start Time: **04:52:23**

End Time:

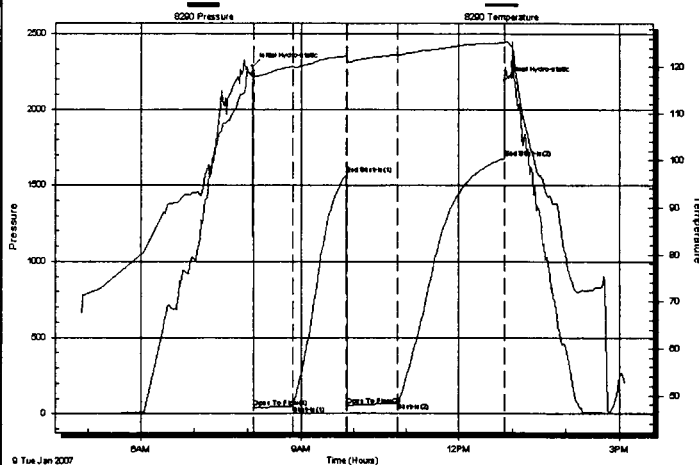
15:07:18

Time On Btm: **2007.01.09 @ 08:05:03**

Time Off Btm: **2007.01.09 @ 12:51:32**

TEST COMMENT: IF Strong blow BOB in 7 min.
ISI No blow
FF Strong blow BOB immediately
FSI

Pressure vs. Time



PRESSURE SUMMARY

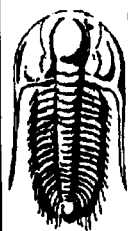
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.61	118.57	Initial Hydro-static
2	38.25	117.86	Open To Flow (1)
46	49.54	120.06	Shut-In(1)
107	1569.83	122.21	End Shut-In(1)
108	51.04	121.01	Open To Flow (2)
166	68.50	122.55	Shut-In(2)
287	1679.22	125.09	End Shut-In(2)
287	2192.45	125.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GSY OCM 5%G 10%O 85%M	0.87
63.00	GSY W&MCO 35%G 35%O 10%W 20%F0.88	

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc

200 W Douglas #520
Wichita KS 67202

ATTN: Ken Le Blanc

Meyer #1-13

13 34S 11W Barber KS

Job Ticket: 27039

DST#: 1

Test Start: 2007.01.09 @ 04:52:18

Tool Information

Drill Pipe:	Length: 4673.00 ft	Diameter: 3.80 inches	Volume: 65.55 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: 60000.00 lb
		Total Volume: 65.55 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4665.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Tool slid 5' to bottom				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4639.00	
Shut In Tool	5.00			4644.00	
Hydraulic tool	5.00			4649.00	
Jars	5.00			4654.00	
Safety Joint	2.00			4656.00	
Packer	4.00			4660.00	27.00 Bottom Of Top Packer
Packer	5.00			4665.00	
Stubb	1.00			4666.00	
Recorder	0.00	8290	Inside	4666.00	
Perforations	19.00			4685.00	
Recorder	0.00	13789	Outside	4685.00	
Bullnose	5.00			4690.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc

Meyer #1-13

200 W Douglas #520
Wichita KS 67202

13 34S 11W Barber KS

Job Ticket: 27039

DST#: 1

ATTN: Ken Le Blanc

Test Start: 2007.01.09 @ 04:52:18

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: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GSY OCM 5%G 10%O 85%M	0.870
63.00	GSY W&MCO 35%G 35%O 10%W 20%M	0.884

Total Length: 125.00 ft

Total Volume: 1.754 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

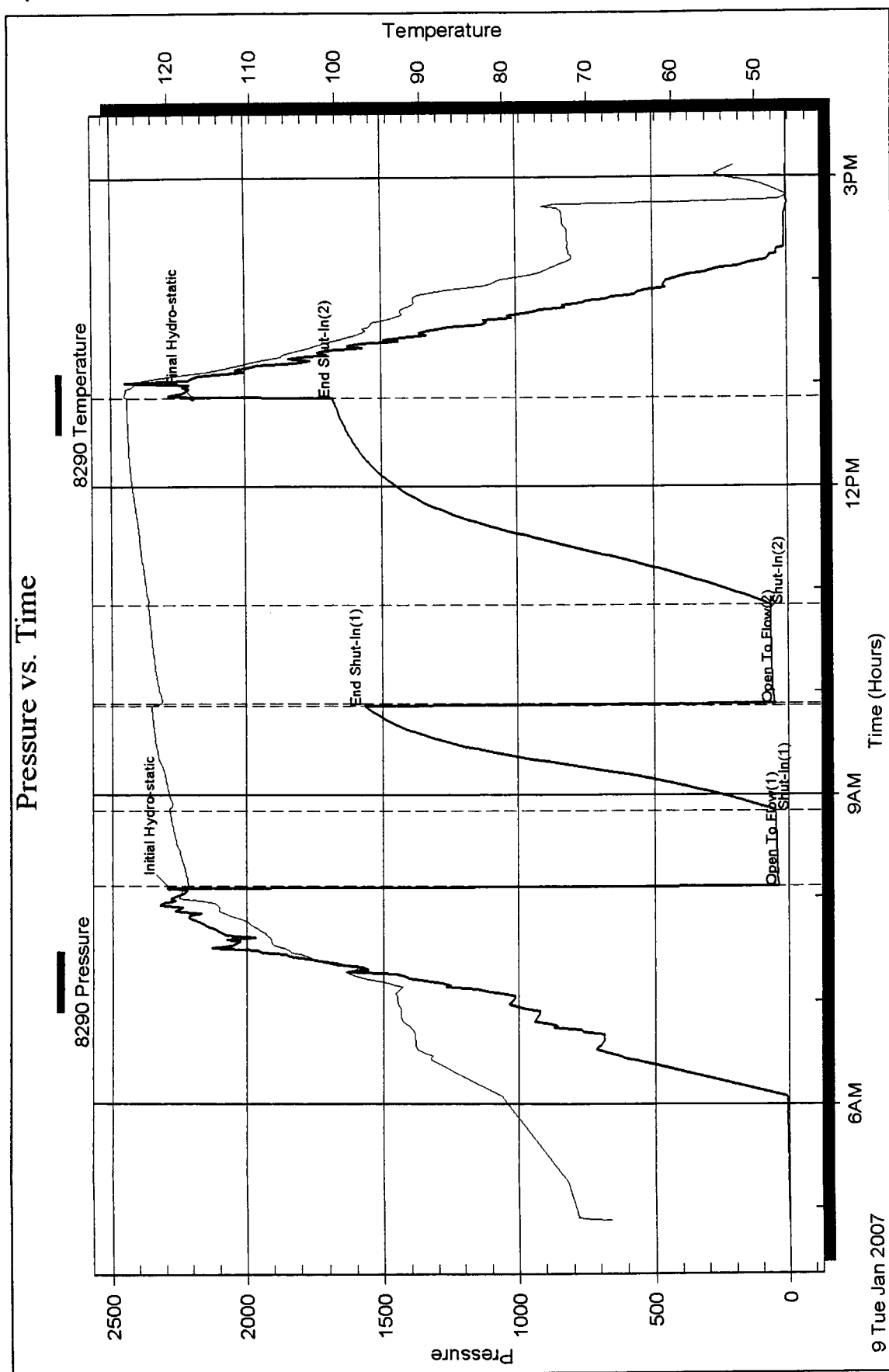
13 34S 11W Barber KS

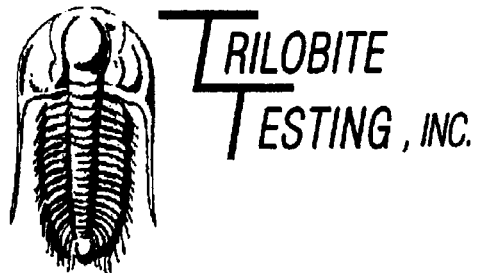
Val Energy hc

Inside

Serial #: 8290

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Val Energy Inc**

200 W Douglas #520
Wichita KS 67202

ATTN: Ken Le Blanc

13 34S 11W Barber KS

Meyer #1-13

Start Date: 2007.01.10 @ 01:32:34

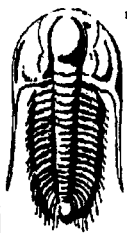
End Date: 2007.01.10 @ 11:31:19

Job Ticket #: 27040 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

Val Energy Inc

200 W Douglas #520
Wichita KS 67202

ATTN: Ken Le Blanc

Meyer #1-13

13 34S 11W Barber KS

Job Ticket: 27040

DST#: 2

Test Start: 2007.01.10 @ 01:32:34

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:14:04

Time Test Ended: 11:31:19

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: **4692.00 ft (KB) To 4740.00 ft (KB) (TVD)**

Total Depth: 4690.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 1365.00 ft (KB)

1355.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8290

Inside

Press@RunDepth: 118.02 psig @ 4699.00 ft (KB)

Start Date: 2007.01.10

End Date:

2007.01.10

Capacity: 7000.00 psig

Last Calib.: 2007.01.10

Start Time: 01:32:39

End Time:

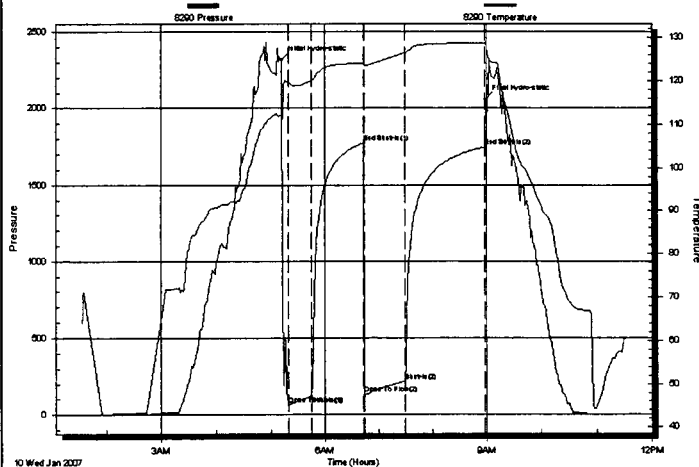
11:31:19

Time On Btm: 2007.01.10 @ 05:12:34

Time Off Btm: 2007.01.10 @ 08:58:33

TEST COMMENT: IF Strong blow BOB in 6 min.
ISI Weak blow 1 1/2 "
FF Strong blow BOB in 15 min.
FSI Weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2317.68	112.07	Initial Hydro-static
7	66.10	119.62	Open To Flow (1)
32	118.02	120.02	Shut-In(1)
91	1773.58	124.11	End Shut-In(1)
92	136.49	123.53	Open To Flow (2)
137	218.68	126.50	Shut-In(2)
226	1747.76	128.83	End Shut-In(2)
226	2059.33	128.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	GSY MCW 5%G 90%W 5%M	2.61
62.00	GSY OSMW 5%G 55%W 40%M	0.87
186.00	GSY OCM 5%G 10%O 85%M	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Val Energy Inc

Meyer #1-13

200 W Douglas #520
Wichita KS 67202

13 34S 11W Barber KS

Job Ticket: 27040

DST#: 2

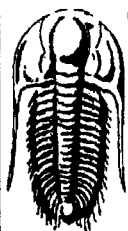
ATTN: Ken Le Blanc

Test Start: 2007.01.10 @ 01:32:34

Tool Information

Drill Pipe:	Length: 4673.00 ft	Diameter: 3.80 inches	Volume: 65.55 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: 90000.00 lb
		Total Volume: 65.55 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4692.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4666.00		
Shut In Tool	5.00			4671.00		
Hydraulic tool	5.00			4676.00		
Jars	5.00			4681.00		
Safety Joint	2.00			4683.00		
Packer	4.00			4687.00	27.00	Bottom Of Top Packer
Packer	5.00			4692.00		
Stubb	1.00			4693.00		
Perforations	5.00			4698.00		
Change Over Sub	1.00			4699.00		
Recorder	0.00	8290	Inside	4699.00		
Blank Spacing	30.00			4729.00		
Change Over Sub	1.00			4730.00		
Perforations	5.00			4735.00		
Recorder	0.00	13789	Outside	4735.00		
Bullnose	5.00			4740.00	48.00	Bottom Packers & Anchor
Total Tool Length:	75.00					



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Val Energy Inc

Meyer #1-13

200 W Douglas #520
Wichita KS 67202

13 34S 11W Barber KS

Job Ticket: 27040

DST#: 2

ATTN: Ken Le Blanc

Test Start: 2007.01.10 @ 01:32:34

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:

15000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	GSY MCW 5%G 90%W 5%M	2.609
62.00	GSY OSMW 5%G 55%W 40%M	0.870
186.00	GSY OCM 5%G 10%O 85%M	2.609

Total Length: 434.00 ft

Total Volume: 6.088 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

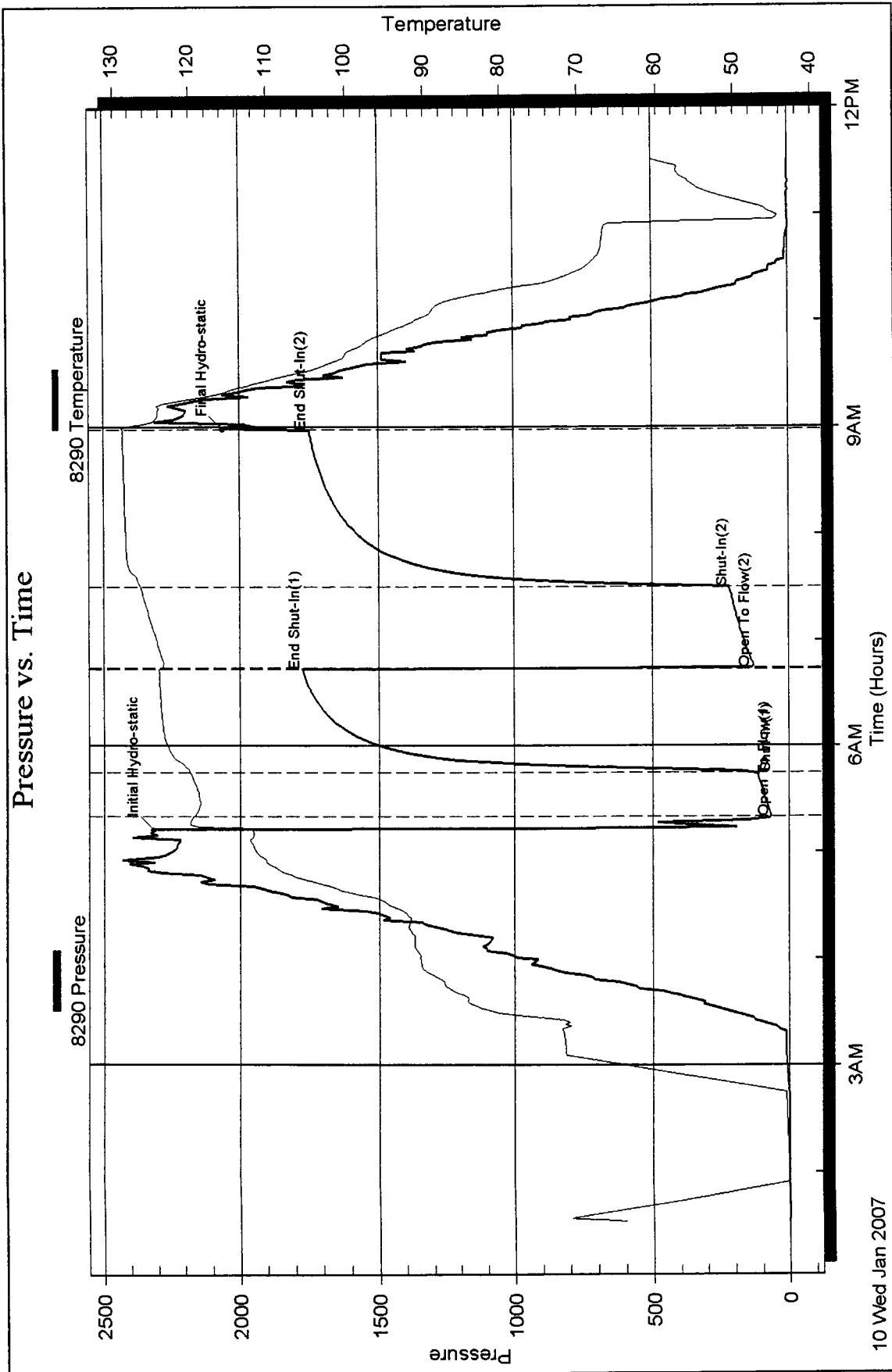
Serial #: 8290

Inside

Val Energy Inc

13 34S 11W Barber KS

DST Test Number: 2



SRU Job Information

10653

Company: Val Energy

Address: _____

Polymer Comp: PST

Well Name & No: Meyer 1-13

Location: _____

Start Date: _____ Time: _____ End Date: _____

Comments: _____

9976 1001 @ 4705 4705
ML 95 to Gentare
7 L to Perthe
35 to 1193

Date	Miles	Reason
9/15	165 x 2 330	Start
9/21	165 x 2	Done

Trilobite Rep: _____

550439

SRV Job Information

140
42
98
- 24
74
- 24
- 24
- 24
2

412.50

1000

800

800

800

68

412.50

330

4293

12/12	12/12	12/12
12/12	12/12	12/12

PRESSURE AND TEMPERATURE VS DELTA TIME

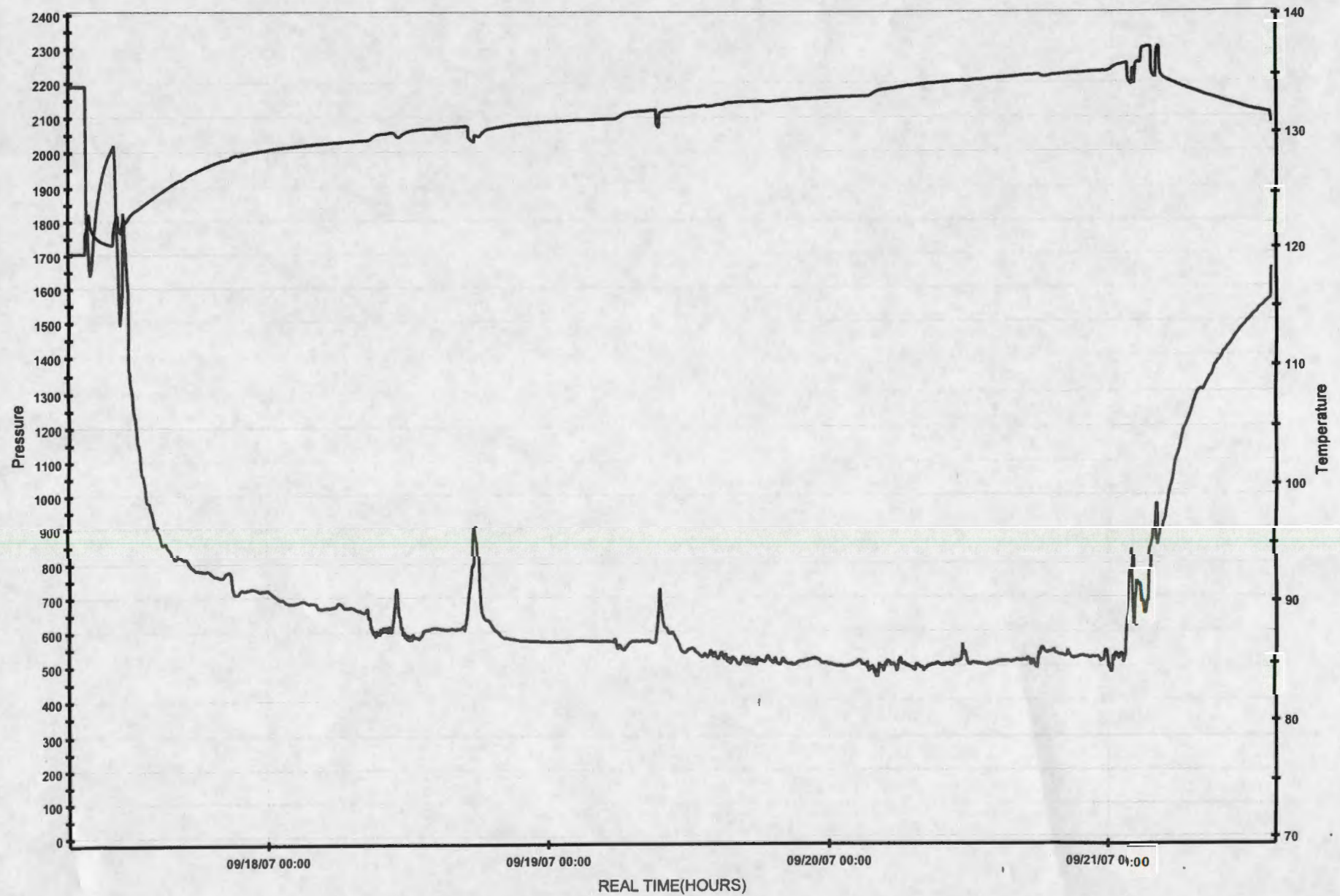
Company: Val Energy

Location: Meyer 1-13

Date: 9/15/07

Serial# 9976

Max. Pressure: 2304.950 Max. Temperature: 134.035



— 9976 - Pressure (PSIG) — 9976 - Int Temperature (F)