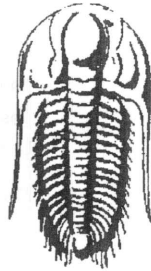


13-16-28W



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.13 @ 16:11:21

End Date: 2006.08.13 @ 22:32:04

Job Ticket #: 24198 DST #: 1

KCC
OCT 25 2006
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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Printed: 2006.08.23 @ 09:50:19 Page 1

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Carmen Schmitt Inc

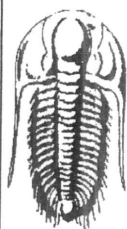
Evalyn #2

13 16S 28W Lane KS

DST # 1

Lansing, A,B

2006.08.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 24198

DST#: 1

Test Start: 2006.08.13 @ 16:11:21

GENERAL INFORMATION:

Formation: **Lansing, A,B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:19:49

Time Test Ended: 22:32:04

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Interval: **3912.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Total Depth: 3960.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2691.00 ft (KB)

2686.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 173.38 psig @ 3917.00 ft (KB)

Start Date: 2006.08.13

End Date:

2006.08.13

Start Time: 16:11:21

End Time:

22:32:04

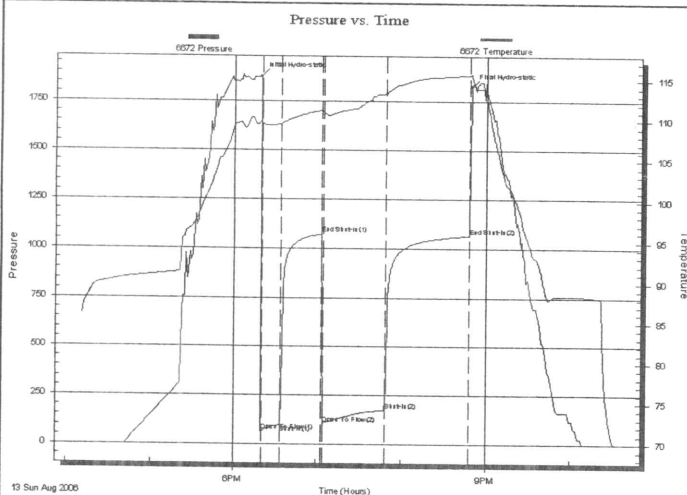
Capacity: 7000.00 psig

Last Calib.: 2006.08.13

Time On Btm: 2006.08.13 @ 18:19:04

Time Off Btm: 2006.08.13 @ 20:49:04

TEST COMMENT: IF Return blow to 2 1/2 in.
IS No return
IF Return blow to 6 in.
ISI No return



PRESSURE SUMMARY

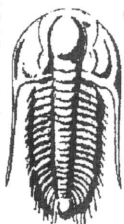
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1875.73	109.91	Initial Hydro-static
1	66.08	109.66	Open To Flow (1)
15	100.05	109.55	Shut-In(1)
44	1071.74	111.25	End Shut-In(1)
46	105.45	110.96	Open To Flow (2)
90	173.38	113.33	Shut-In(2)
149	1064.67	115.65	End Shut-In(2)
150	1823.68	115.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	Mud 100%M	4.49

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Evalyn #2
13 16S 28W Lane KS
Job Ticket: 24198 **DST#: 1**
Test Start: 2006.08.13 @ 16:11:21

Tool Information

Drill Pipe:	Length:	3912.00 ft	Diameter:	3.80 inches	Volume:	54.88 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	65000.00 lb
					Total Volume:	54.88 bbl	Tool Chased	7.00 ft
Drill Pipe Above KB:	27.00 ft							
Depth to Top Packer:	3912.00 ft							
Depth to Bottom Packer:	ft							
Interval between Packers:	48.00 ft							
Tool Length:	75.00 ft							
Number of Packers:	2	Diameter:	inches					
Tool Comments:								

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3890.00	
Hydraulic tool	5.00			3895.00	
Jars	5.00			3900.00	
Safety Joint	2.00			3902.00	
Packer	5.00			3907.00	27.00 Bottom Of Top Packer
Packer	5.00			3912.00	
Perforations	5.00			3917.00	
Recorder	0.00	6672	Inside	3917.00	
Drill Pipe	31.00			3948.00	
Perforations	7.00			3955.00	
Recorder	0.00	11020	Inside	3955.00	
Bullnose	5.00			3960.00	48.00 Bottom Packers & Anchor

Total Tool Length: 75.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

ATTN: Jacob Porter

Job Ticket: 24198

DST#: 1

Test Start: 2006.08.13 @ 16:11:21

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.93 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
320.00	Mud 100%M	4.489

Total Length: 320.00 ft

Total Volume: 4.489 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

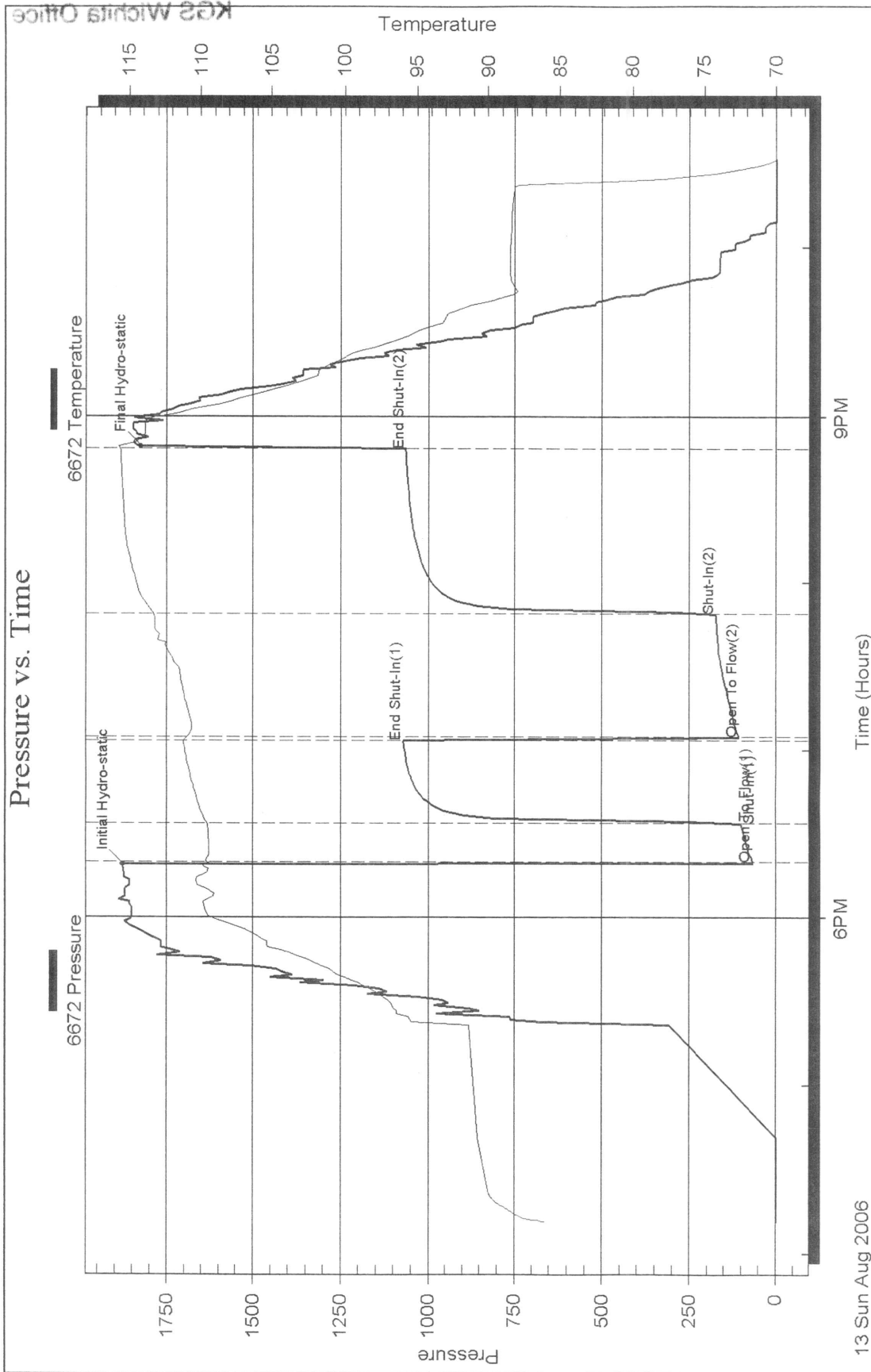
DST Test Number: 1

13 16S 28W Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6672



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13-16-28W



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.14 @ 07:16:04

End Date: 2006.08.14 @ 12:25:02

Job Ticket #: 24199 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

Evalyn #2

13 16S 28W Lane KS

DST # 2

Lansing, C

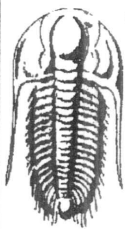
2006.08.14

Printed: 2006.08.23 @ 09:50:53 Page 1

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 24199

DST#: 2

Test Start: 2006.08.14 @ 07:16:04

GENERAL INFORMATION:

Formation: **Lansing, C**

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

Time Tool Opened: 08:59:47

Time Test Ended: 12:25:02

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **18**

Interval: **3962.00 ft (KB) To 3985.00 ft (KB) (TVD)**

Total Depth: **3960.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2691.00 ft (KB)**

2686.00 ft (CF)

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

Serial #: 6672

Inside

Press@RunDepth: **1074.61 psig @ 3967.00 ft (KB)**

Start Date: **2006.08.14**

End Date:

2006.08.14

Start Time: **07:16:04**

End Time:

12:25:02

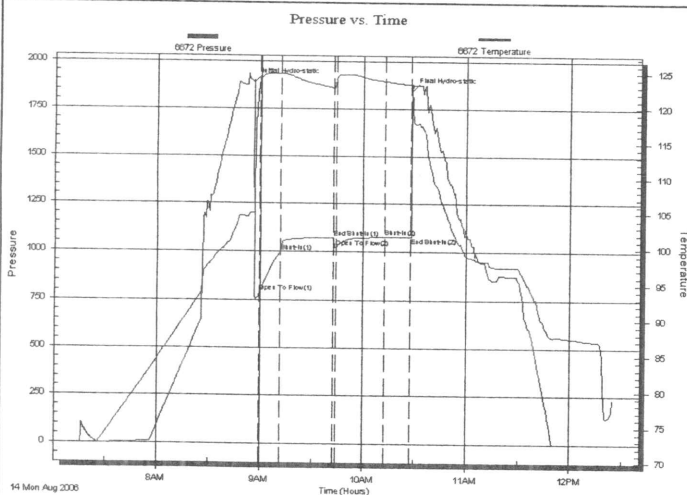
Capacity: **7000.00 psig**

Last Calib.: **2006.08.14**

Time On Btm: **2006.08.14 @ 08:56:32**

Time Off Btm: **2006.08.14 @ 10:28:32**

TEST COMMENT: IF BOB in 1 min.
IS Return blow to 3/4 in.
FF BOB in 1 min.
ISI No return



PRESSURE SUMMARY

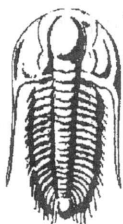
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.07	105.02	Initial Hydro-static
4	790.07	123.93	Open To Flow (1)
15	995.84	124.88	Shut-In(1)
46	1073.06	122.87	End Shut-In(1)
48	1022.04	123.88	Open To Flow (2)
76	1074.61	123.81	Shut-In(2)
92	1075.52	123.36	End Shut-In(2)
92	1845.81	123.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MSW 70%M 30%S	0.98
2720.00	SaltWater	38.15

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 24199

DST#: 2

ATTN: Jacob Porter

Test Start: 2006.08.14 @ 07:16:04

Tool Information

Drill Pipe:	Length:	3945.00 ft	Diameter:	3.80 inches	Volume:	55.34 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	78000.00 lb
					Total Volume:	55.34 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		3962.00 ft					Final	600000.0 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		23.00 ft						
Tool Length:		50.00 ft						
Number of Packers:		2	Diameter:	inches				
Tool Comments:								

Tool Description

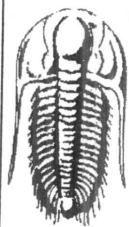
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3940.00	
Hydraulic tool	5.00			3945.00	
Jars	5.00			3950.00	
Safety Joint	2.00			3952.00	
Packer	5.00			3957.00	27.00 Bottom Of Top Packer
Packer	5.00			3962.00	
Perforations	5.00			3967.00	
Recorder	0.00	6672	Inside	3967.00	
Perforations	13.00			3980.00	
Recorder	0.00	11020	Inside	3980.00	
Bullnose	5.00			3985.00	23.00 Bottom Packers & Anchor

Total Tool Length: 50.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 24199

DST#: 2

ATTN: Jacob Porter

Test Start: 2006.08.14 @ 07:16:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 6.37 in³

Resistivity: 0.00 ohm.m

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MSW 70%M 30%S	0.982
2720.00	SaltWater	38.154

Total Length: 2790.00 ft

Total Volume: 39.136 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

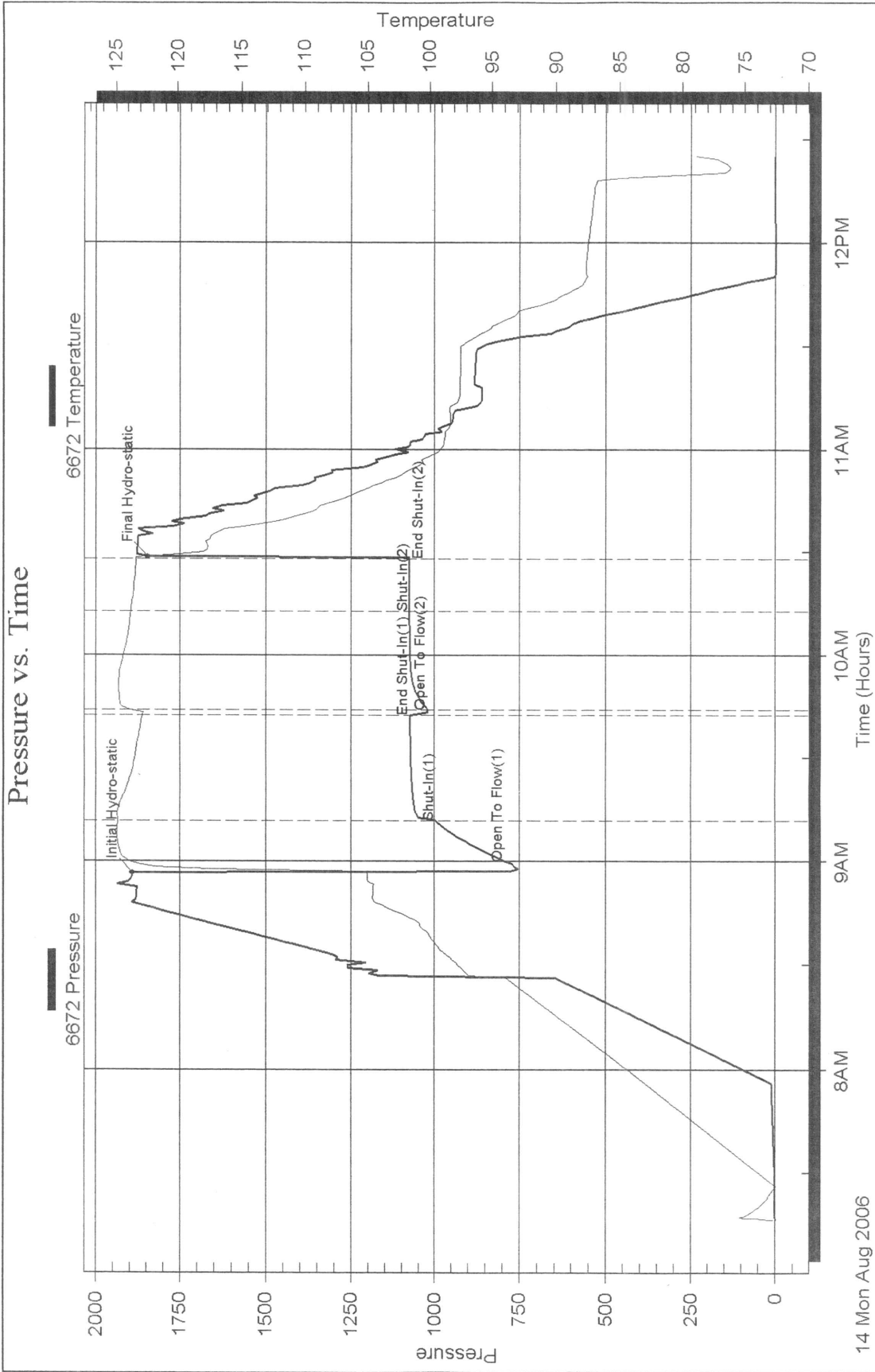
13 16S 28W Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6672

Pressure vs. Time



13-16-28W



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.15 @ 01:21:50

End Date: 2006.08.15 @ 08:01:03

Job Ticket #: 24200 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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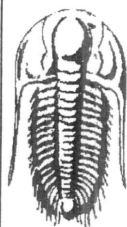
Evalyn #2

13 16S 28W Lane KS

DST # 3

Lansing, G,H

2006.08.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 24200

DST#: 3

Test Start: 2006.08.15 @ 01:21:50

GENERAL INFORMATION:

Formation: **Lansing, G,H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:11:18

Time Test Ended: 08:01:03

Test Type: Conventional Bottom Hole

Tester: Michael

Unit No: 18

Interval: **4070.00 ft (KB) To 4105.00 ft (KB) (TVD)**

Total Depth: 4105.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2691.00 ft (KB)

2686.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 152.26 psig @ 4070.00 ft (KB)

Start Date: 2006.08.15 End Date: 2006.08.15

Start Time: 01:21:50 End Time: 08:01:03

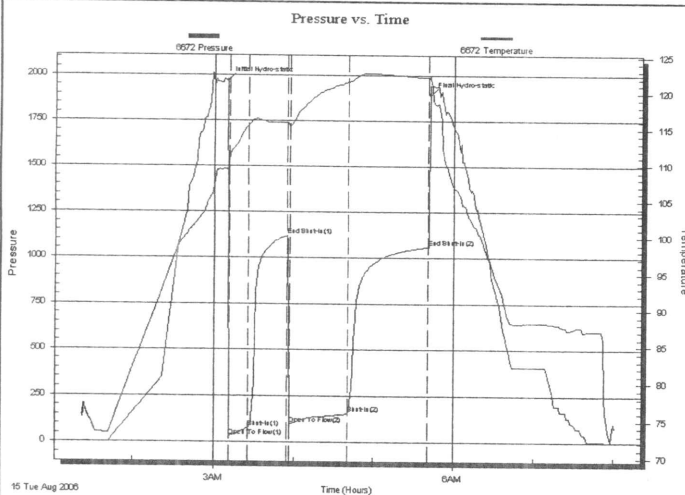
Capacity: 7000.00 psig

Last Calib.: 2006.08.15

Time On Btm: 2006.08.15 @ 03:10:18

Time Off Btm: 2006.08.15 @ 05:42:03

TEST COMMENT: IF BOB in 13 min.
IS Return surface blow to 3 1/2 in.
FF BOB in 11 min.
ISI Return blow to 6 in.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.05	109.40	Initial Hydro-static
1	26.23	109.54	Open To Flow (1)
16	76.67	115.44	Shut-In(1)
45	1119.80	115.93	End Shut-In(1)
47	97.15	115.32	Open To Flow (2)
91	152.26	121.53	Shut-In(2)
151	1058.79	122.12	End Shut-In(2)
152	1894.64	122.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	GOcM 50%O 30%M 20%G	3.37
180.00	Free Oil	2.52
120.00	Gas	1.68

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 24200

DST#: 3

ATTN: Jacob Porter

Test Start: 2006.08.15 @ 01:21:50

Tool Information

Drill Pipe:	Length:	4069.00 ft	Diameter:	3.80 inches	Volume:	57.08 bbl	Tool Weight:	1500.00 lb	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	62000.00 lb	
						Total Volume:	57.08 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft							String Weight: Initial	50000.00 lb
Depth to Top Packer:	4070.00 ft							Final	52000.00 lb
Depth to Bottom Packer:	ft								
Interval between Packers:	35.00 ft								
Tool Length:	62.00 ft								
Number of Packers:	2	Diameter:	inches						
Tool Comments:									

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

Shut In Tool	5.00			4048.00		
Hydraulic tool	5.00			4053.00		
Jars	5.00			4058.00		
Safety Joint	2.00			4060.00		
Packer	5.00			4065.00	27.00 Bottom Of Top Packer	
Packer	5.00			4070.00		
Recorder	0.00	6672	Inside	4070.00		
Perforations	30.00			4100.00		
Recorder	0.00	11020	Inside	4100.00		
Bullnose	5.00			4105.00	35.00 Bottom Packers & Anchor	
Total Tool Length:	62.00					

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 24200

DST#: 3

ATTN: Jacob Porter

Test Start: 2006.08.15 @ 01:21:50

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: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	GOcM 50%O 30%M 20%G	3.367
180.00	Free Oil	2.525
120.00	Gas	1.683

Total Length: 540.00 ft

Total Volume: 7.575 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

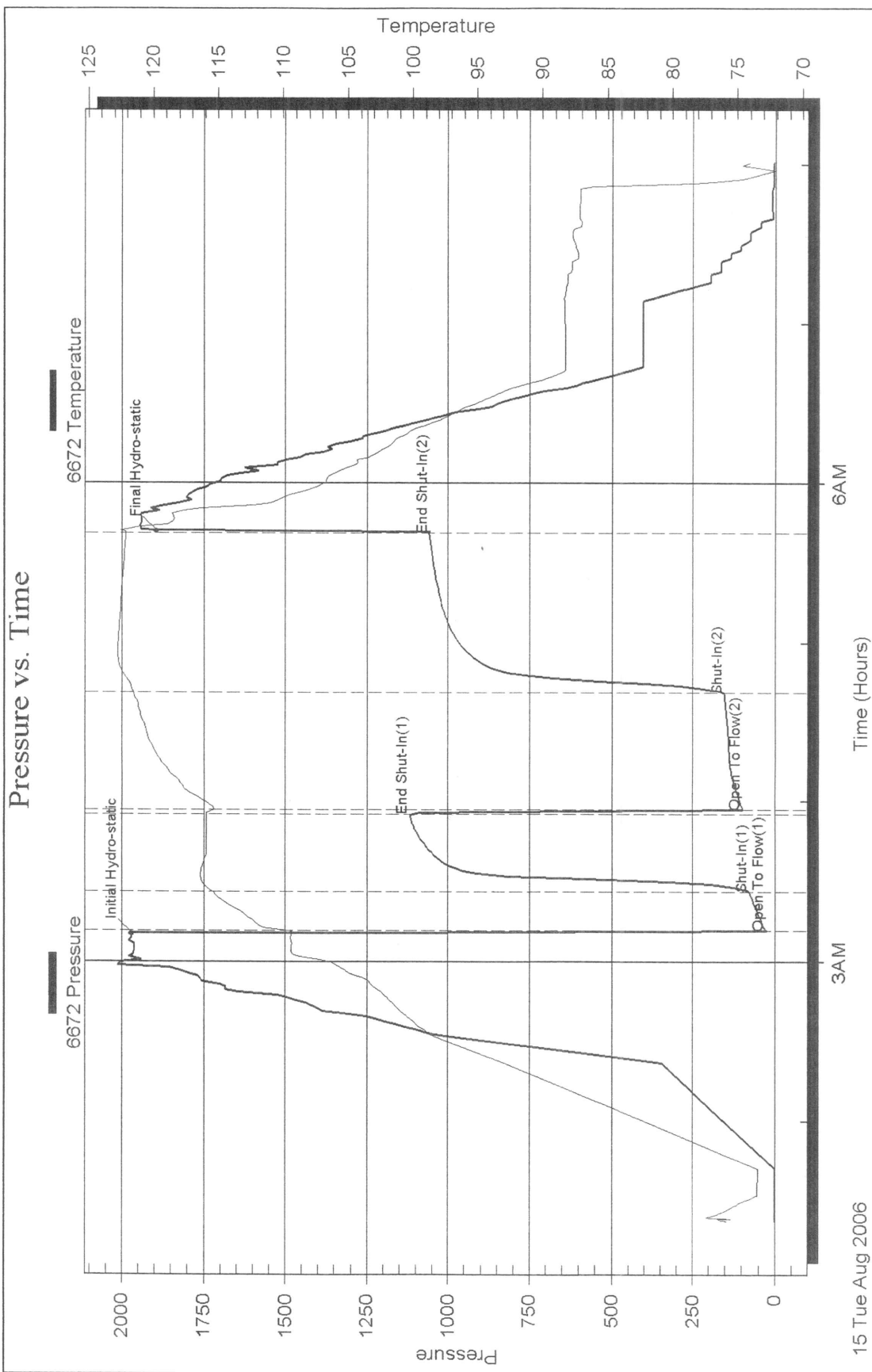
13 16S 28W Lane KS

Carmen Schmitt Inc

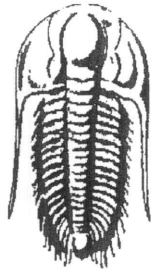
Inside

Serial #: 6672

Pressure vs. Time



13-16-28W



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.15 @ 15:16:51

End Date: 2006.08.15 @ 20:48:04

Job Ticket #: 25676 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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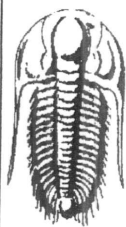
Evalyn #2

13 16S 28W Lane KS

DST # 4

Lansing, I

2006.08.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 25676

DST#: 4

Test Start: 2006.08.15 @ 15:16:51

GENERAL INFORMATION:

Formation: **Lansing, I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:56:34

Time Test Ended: 20:48:04

Interval: **4100.00 ft (KB) To 4125.00 ft (KB) (TVD)**

Total Depth: 4125.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Reference Elevations: 2691.00 ft (KB)

2686.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 75.61 psig @ 4100.00 ft (KB)

Start Date: 2006.08.15

End Date:

2006.08.15

Start Time: 15:16:51

End Time:

20:48:04

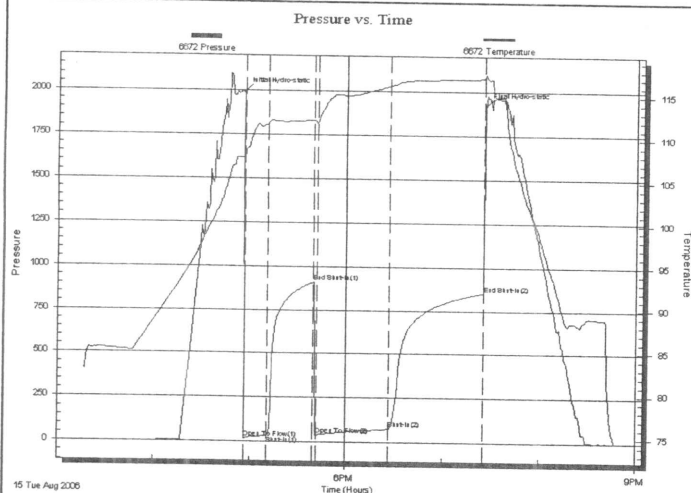
Capacity: 7000.00 psig

Last Calib.: 2006.08.15

Time On Btm: 2006.08.15 @ 16:55:49

Time Off Btm: 2006.08.15 @ 19:25:49

TEST COMMENT: IF Return blow to 3/4 in.
IS No return
IF Return blow to 1 in.
ISO No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1992.51	107.80	Initial Hydro-static
1	18.45	107.60	Open To Flow (1)
15	35.50	111.74	Shut-In(1)
44	910.75	112.15	End Shut-In(1)
46	40.25	111.86	Open To Flow (2)
91	75.61	116.17	Shut-In(2)
150	852.70	117.11	End Shut-In(2)
150	1917.98	117.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SaltWater 100%SW	0.84
60.00	MSW 50%M 50%SW	0.84

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Evalyn #2
13 16S 28W Lane KS
Job Ticket: 25676 **DST#: 4**
Test Start: 2006.08.15 @ 15:16:51

Tool Information

Drill Pipe:	Length: 4101.00 ft	Diameter: 3.80 inches	Volume: 57.53 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	lb
			Total Volume: 57.53 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	4100.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	52.00 ft				
Number of Packers:	2	Diameter:	inches		
Tool Comments:					

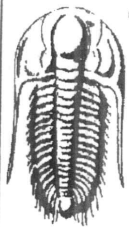
Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4078.00	
Hydraulic tool	5.00			4083.00	
Jars	5.00			4088.00	
Safety Joint	2.00			4090.00	
Packer	5.00			4095.00	27.00 Bottom Of Top Packer
Packer	5.00			4100.00	
Recorder	0.00	6672	Inside	4100.00	
Perforations	20.00			4120.00	
Recorder	0.00	11020	Inside	4120.00	
Bullnose	5.00			4125.00	25.00 Bottom Packers & Anchor
Total Tool Length:	52.00				

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25676

DST#: 4

ATTN: Jacob Porter

Test Start: 2006.08.15 @ 15:16:51

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 6.38 in³

Resistivity: 0.00 ohm.m

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SaltWater 100%SW	0.842
60.00	MSW 50%M 50%SW	0.842

Total Length: 120.00 ft

Total Volume: 1.684 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

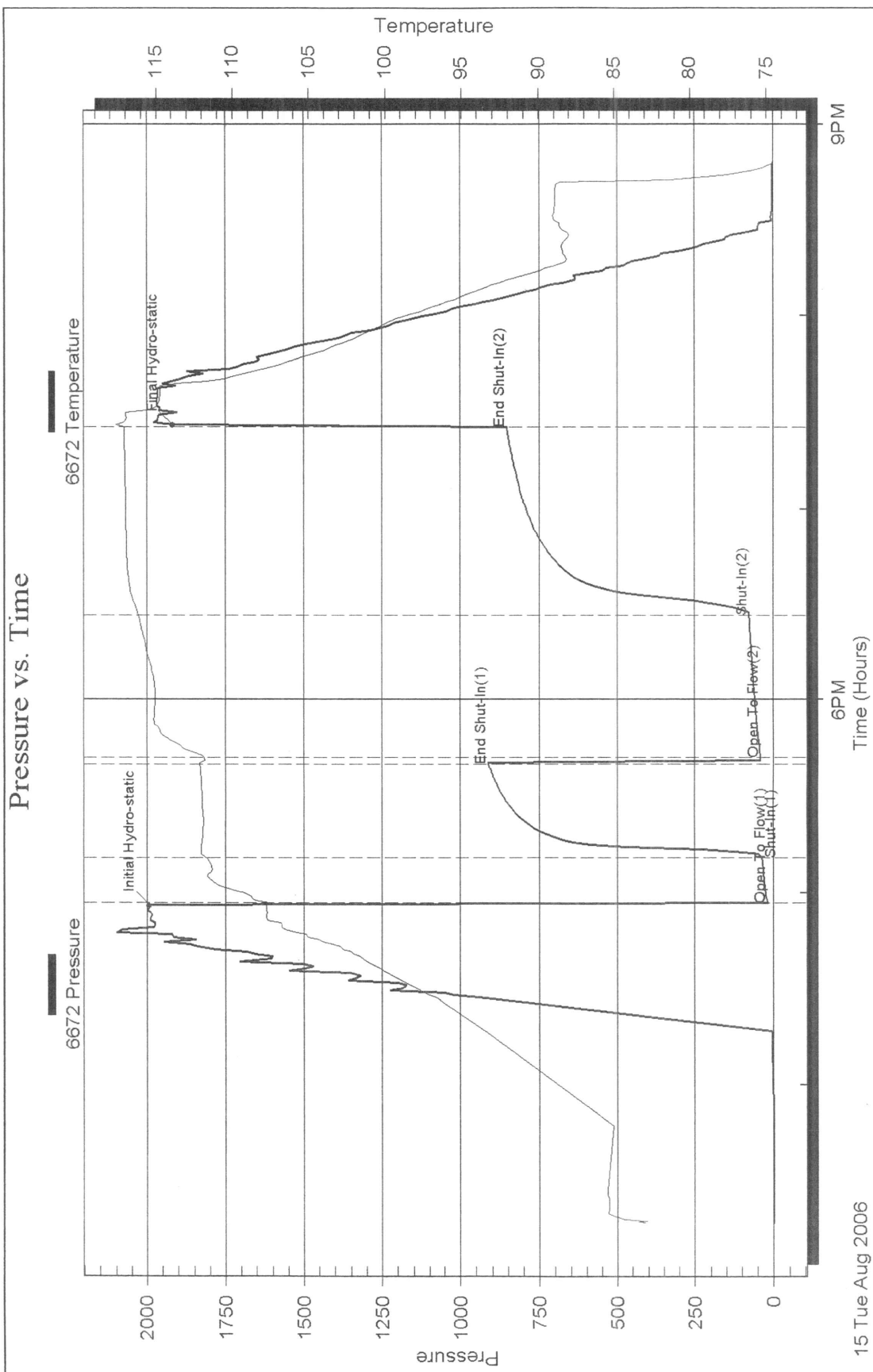
DST Test Number: 4

13 16S 28W Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6672



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DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.16 @ 05:15:58

End Date: 2006.08.16 @ 11:02:56

Job Ticket #: 25677 DST #: 5

Trilobite Testing, Inc

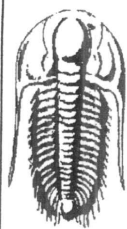
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 25677

DST#: 5

Test Start: 2006.08.16 @ 05:15:58

GENERAL INFORMATION:

Formation: **Lansing, J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:13:11

Time Test Ended: 11:02:56

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Interval: **4128.00 ft (KB) To 4160.00 ft (KB) (TVD)**

Total Depth: 4160.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2691.00 ft (KB)

2686.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 79.00 psig @ 4128.00 ft (KB)

Start Date: 2006.08.16

End Date:

2006.08.16

Start Time: 05:15:58

End Time:

11:02:56

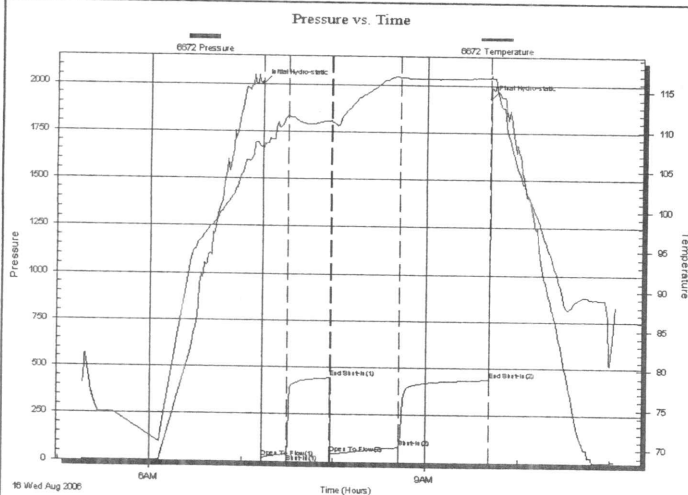
Capacity: 7000.00 psig

Last Calib.: 2006.08.16

Time On Btm: 2006.08.16 @ 07:12:56

Time Off Btm: 2006.08.16 @ 09:41:41

TEST COMMENT: IF Return blow to 3/4 in.
IS No return
FF Return blow to 1 1/2 in.
ISI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.71	107.87	Initial Hydro-static
1	19.25	107.57	Open To Flow (1)
17	39.08	111.75	Shut-In(1)
45	443.64	111.25	End Shut-In(1)
46	42.54	111.10	Open To Flow (2)
90	79.00	116.72	Shut-In(2)
149	438.94	116.76	End Shut-In(2)
149	1930.52	117.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MSW 70%M 30%SW	1.82

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25677

DST#: 5

ATTN: Jacob Porter

Test Start: 2006.08.16 @ 05:15:58

Tool Information

Drill Pipe:	Length: 4129.00 ft	Diameter: 3.80 inches	Volume: 57.92 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 57.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4128.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4106.00	
Hydraulic tool	5.00			4111.00	
Jars	5.00			4116.00	
Safety Joint	2.00			4118.00	
Packer	5.00			4123.00	27.00 Bottom Of Top Packer
Packer	5.00			4128.00	
Recorder	0.00	6672	Inside	4128.00	
Perforations	27.00			4155.00	
Recorder	0.00	11020	Inside	4155.00	
Bullnose	5.00			4160.00	32.00 Bottom Packers & Anchor
Total Tool Length:	59.00				

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25677

DST#: 5

ATTN: Jacob Porter

Test Start: 2006.08.16 @ 05:15:58

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 8.74 in³

Resistivity: 0.00 ohm.m

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MSW 70%M 30%SW	1.824

Total Length: 130.00 ft

Total Volume: 1.824 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

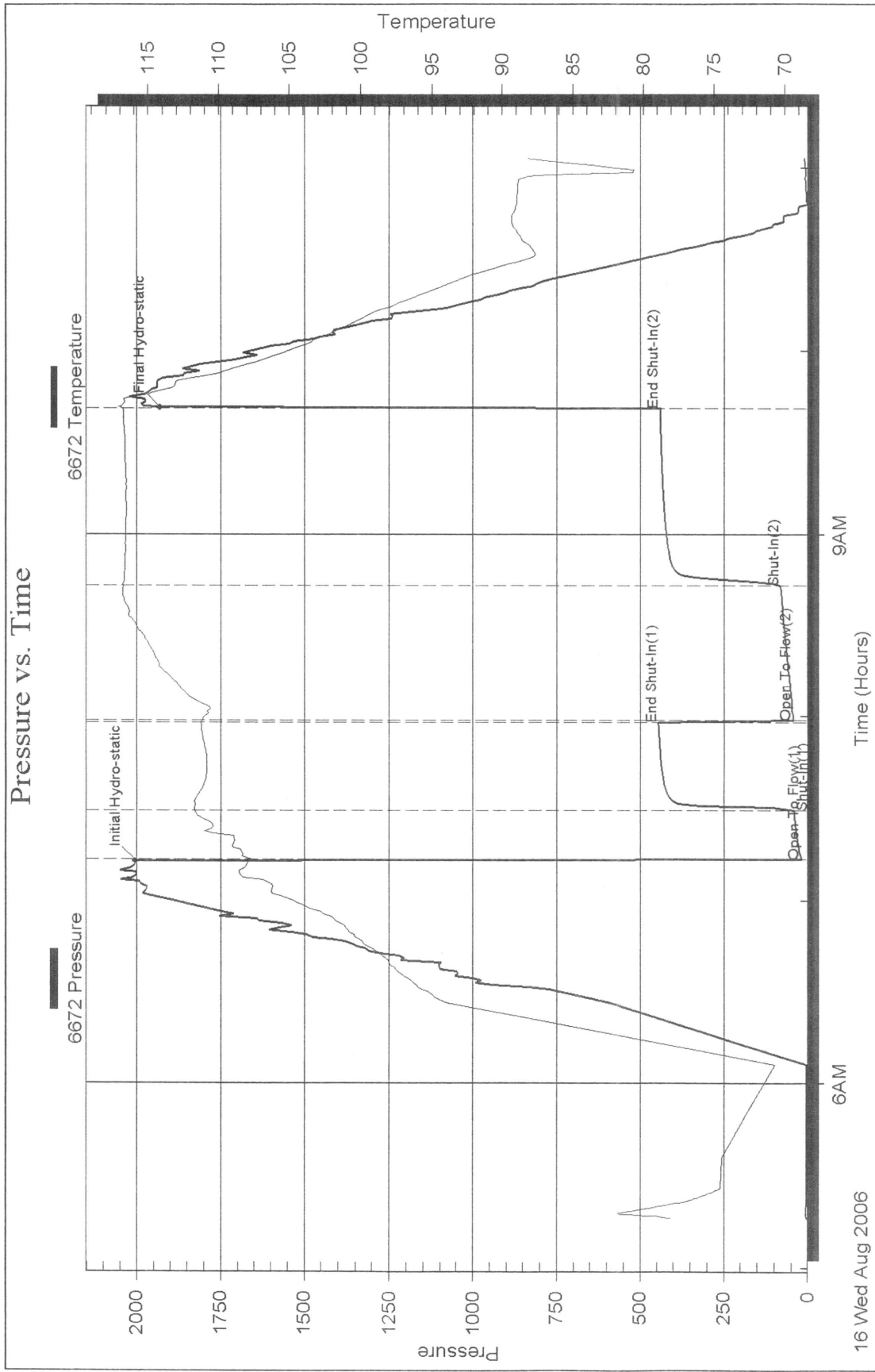
Serial #: 6672

Inside

Carmen Schmitt Inc

13 16S 28W Lane KS

DST Test Number: 5



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Ref. No: 25677

Printed: 2006.08.23 @ 10:26:59 Page 5

13-16-28W



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

Start Date: 2006.08.16 @ 18:46:29

End Date: 2006.08.17 @ 00:55:27

Job Ticket #: 25678 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Evalyn #2

13 16S 28W Lane KS

Job Ticket: 25678

DST#: 6

Test Start: 2006.08.16 @ 18:46:29

GENERAL INFORMATION:

Formation: **Lansing, K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:36:42
Time Test Ended: 00:55:27
Interval: **4162.00 ft (KB) To 4192.00 ft (KB) (TVD)**
Total Depth: 4192.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 18

Reference Elevations: 2691.00 ft (KB)
2686.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 103.71 psig @ 4162.00 ft (KB)

Start Date: 2006.08.16

End Date:

2006.08.17

Start Time: 18:46:29

End Time:

00:55:27

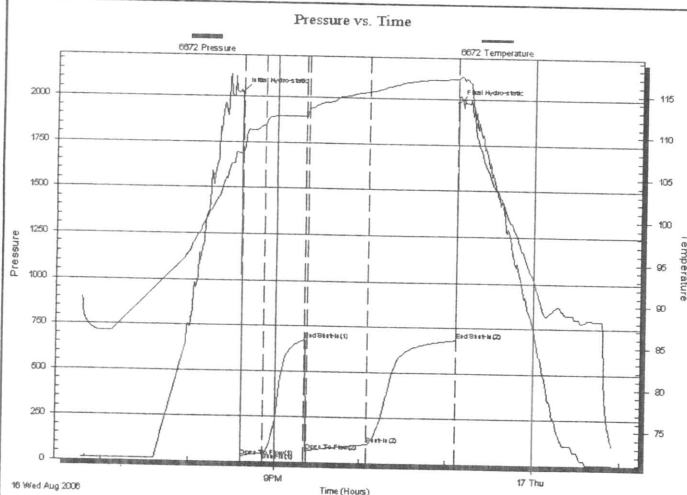
Capacity: 7000.00 psig

Last Calib.: 2006.08.17

Time On Btm: 2006.08.16 @ 20:35:42

Time Off Btm: 2006.08.16 @ 23:06:42

TEST COMMENT: IF Return blow to 2 1/4 in.
IS No return
FF BOB in 35 min.
ISI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2026.07	107.59	Initial Hydro-static
1	26.92	107.48	Open To Flow (1)
16	50.61	111.13	Shut-In(1)
45	671.85	112.20	End Shut-In(1)
46	64.37	112.87	Open To Flow (2)
90	103.71	115.20	Shut-In(2)
151	680.99	116.88	End Shut-In(2)
151	1982.04	116.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	McO 80m 20o	2.52

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25678

DST#: 6

ATTN: Jacob Porter

Test Start: 2006.08.16 @ 18:46:29

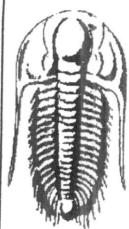
Tool Information

Drill Pipe:	Length: 4165.00 ft	Diameter: 3.80 inches	Volume: 58.42 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 58.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4162.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4140.00	
Hydraulic tool	5.00			4145.00	
Jars	5.00			4150.00	
Safety Joint	2.00			4152.00	
Packer	5.00			4157.00	27.00 Bottom Of Top Packer
Packer	5.00			4162.00	
Recorder	0.00	6672	Inside	4162.00	
Perforations	25.00			4187.00	
Recorder	0.00	11020	Inside	4187.00	
Bullnose	5.00			4192.00	30.00 Bottom Packers & Anchor
Total Tool Length:	57.00				

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25678

DST#: 6

ATTN: Jacob Porter

Test Start: 2006.08.16 @ 18:46:29

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 8.74 in³

Resistivity: 0.00 ohm.m

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	McO 80m 20o	2.525

Total Length: 180.00 ft

Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 6

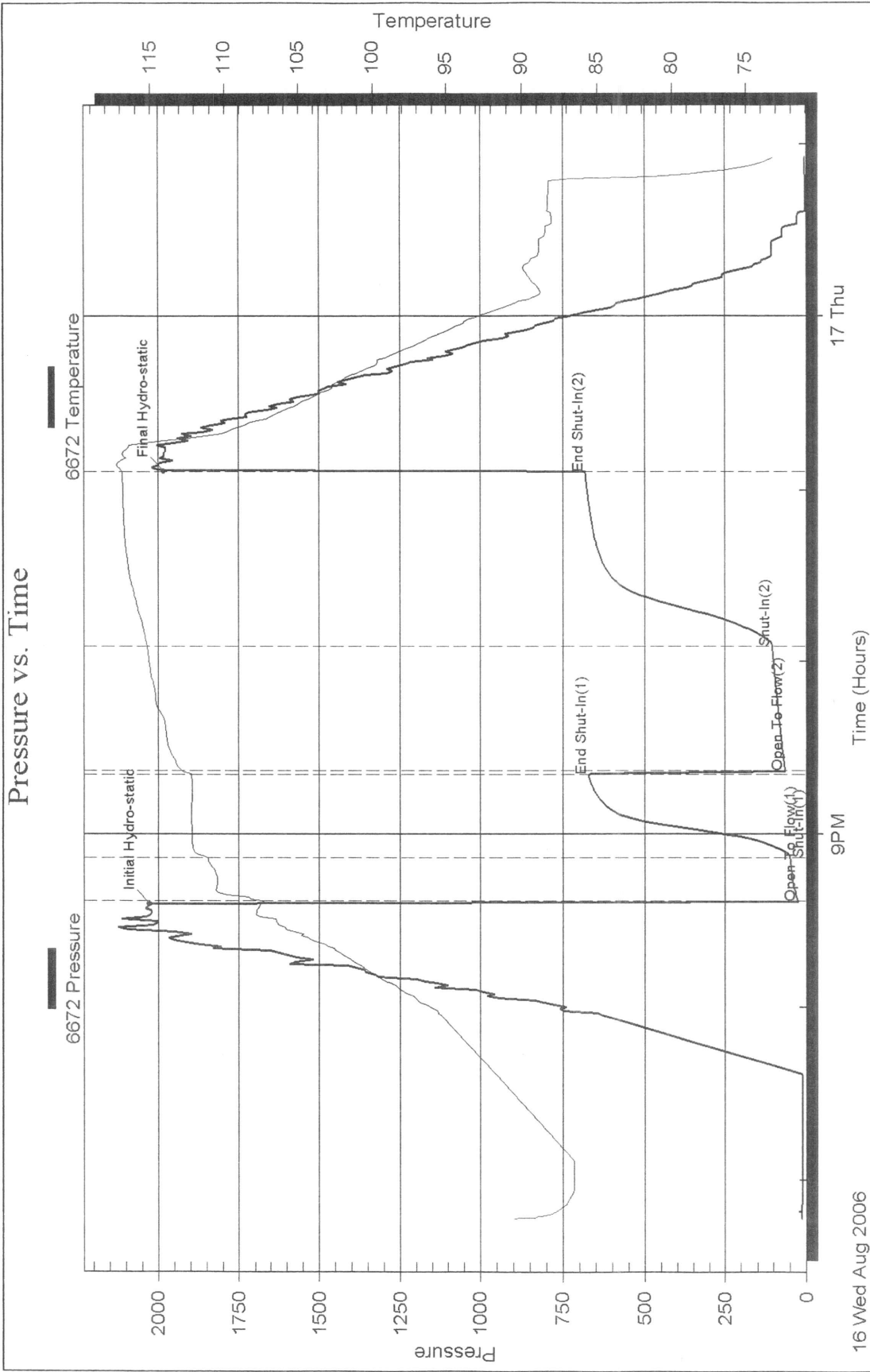
13 16S 28W Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6672

Pressure vs. Time



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13-16-28W



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

13 16S 28W Lane KS

Evalyn #2

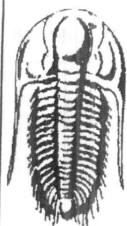
Start Date: 2006.08.18 @ 04:14:02

End Date: 2006.08.18 @ 09:20:15

Job Ticket #: 25679 DST #: 7

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc

Evalyn #2

PO Box 47
Great Bend KS 67530

13 16S 28W Lane KS

Job Ticket: 25679

DST#: 7

ATTN: Jacob Porter

Test Start: 2006.08.18 @ 04:14:02

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.95 in³

Resistivity: 0.00 ohm.m

Salinity: 4400.00 ppm

Filter Cake: 1.00 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
60.00	Mud 100%M	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 7

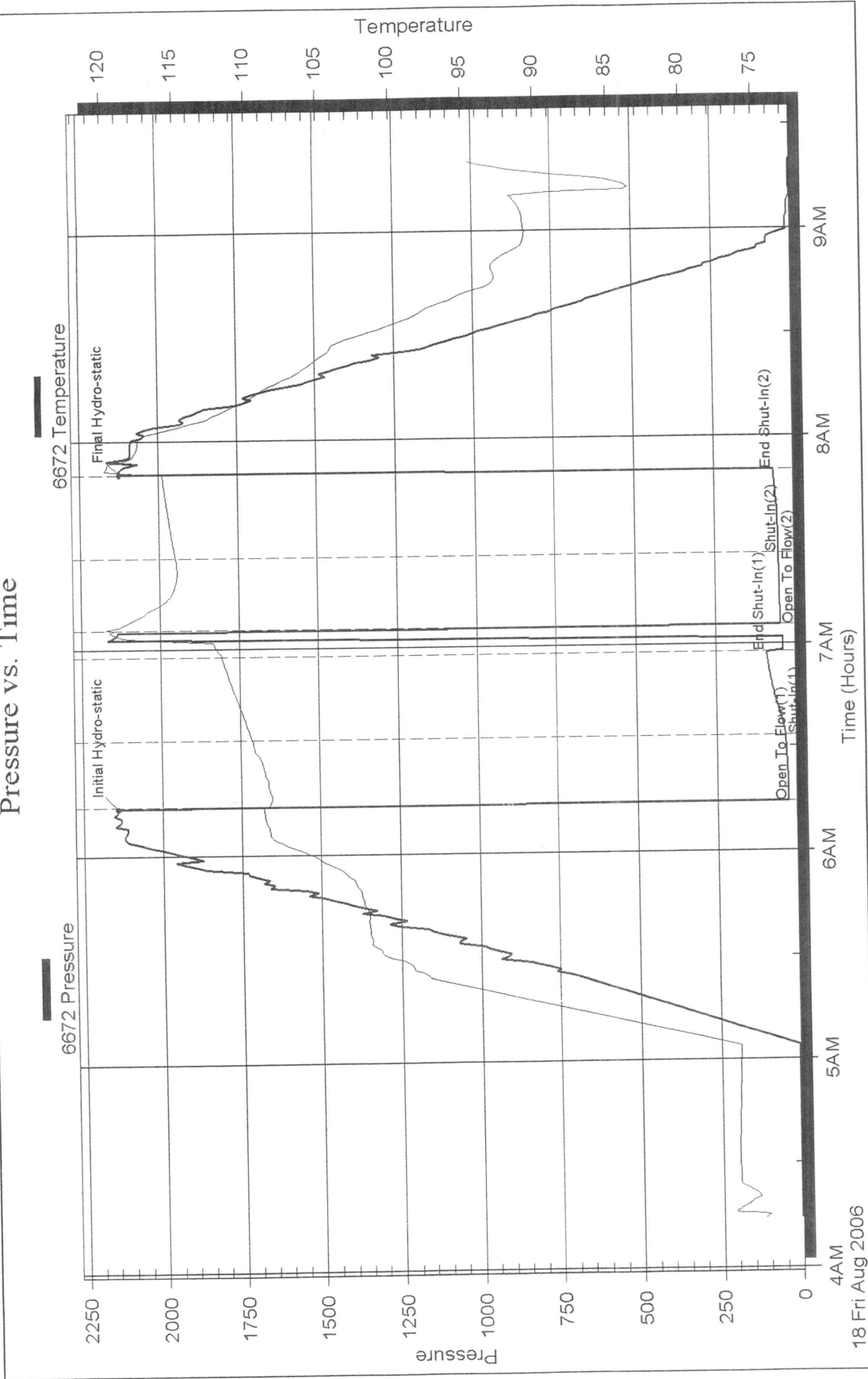
13 16S 28W Lane KS

Carmen Schmitt Inc

Inside

Serial #: 6672

Pressure vs. Time



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