

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

24-16-28 Lane, Ks

Balzerick #1

Start Date: 2004.04.02 @ 12:44:58

End Date: 2004.04.02 @ 19:54:27

Job Ticket #: 18109 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

Carmen Schmitt Inc.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18109

DST#: 1

Test Start: 2004.04.02 @ 12:44:58

GENERAL INFORMATION:

Formation: **C**

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

Time Tool Opened: 15:26:27

Time Test Ended: 19:54:27

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: 3985.00 ft (KB) To 4017.00 ft (KB) (TVD)

Total Depth: **4017.00 ft (KB) (TVD)**

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

Reference Elevations: **2700.00 ft (KB)**

2695.00 ft (CF)

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

Serial #: 6720

Inside

Press@RunDepth: **1023.21 psig @ 3986.00 ft (KB)**

Start Date: **2004.04.02**

End Date:

2004.04.02

Start Time: **12:44:58**

End Time:

19:54:27

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2004.04.02 @ 15:25:57**

Time Off Btm: **2004.04.02 @ 16:58:42**

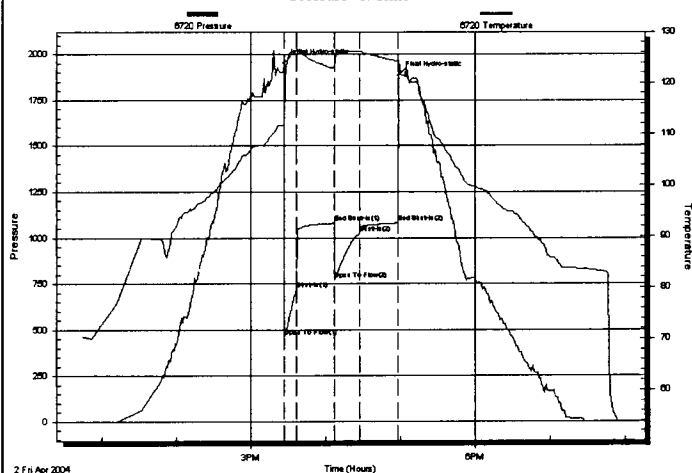
TEST COMMENT: **B.O.B. @ open**

No return

B.O.B. in 1 1/2 min.

No return

Pressure vs. Time



PRESSURE SUMMARY

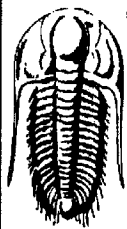
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.38	111.77	Initial Hydro-static
1	462.04	112.55	Open To Flow (1)
11	720.24	126.30	Shut-In(1)
41	1079.29	122.83	End Shut-In(1)
41	773.27	123.10	Open To Flow (2)
61	1023.21	126.13	Shut-In(2)
93	1079.21	124.26	End Shut-In(2)
93	1884.11	124.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1020.00	water w/oil scum 100%w	13.21
600.00	water w/trace of oil 100%w	8.42
180.00	s m c w 20% m 80% w w/trace of oil	2.52
240.00	m c w 40% m 60% w w/trace of oil	3.37

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.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18109

DST#: 1

Test Start: 2004.04.02 @ 12:44:58

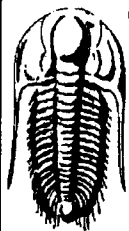
Tool Information

Drill Pipe:	Length: 3870.00 ft	Diameter: 3.80 inches	Volume: 54.29 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			Total Volume: 54.88 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3985.00 ft			Final 49000.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3959.00	
Shut In Tool	5.00			3964.00	
Hydraulic tool	5.00			3969.00	
Jars	5.00			3974.00	
Safety Joint	2.00			3976.00	
Packer	5.00			3981.00	27.00 Bottom Of Top Packer
Packer	4.00			3985.00	
Stubb	1.00			3986.00	
Recorder	0.00	6720	Inside	3986.00	
Perforations	26.00			4012.00	
Recorder	0.00	11058	Outside	4012.00	
Bullnose	5.00			4017.00	32.00 Bottom Packers & Anchor

Total Tool Length: 59.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18109

DST#: 1

ATTN: Carmen Schmitt

Test Start: 2004.04.02 @ 12:44:58

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:

41500 ppm

Viscosity: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1020.00	water w/oil scum 100%w	13.215
600.00	water w/trace of oil 100%w	8.416
180.00	s m c w 20%m 80%w w/trace of oil	2.525
240.00	m c w 40%m 60%w w/trace of oil	3.367

Total Length: 2040.00 ft

Total Volume: 27.523 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

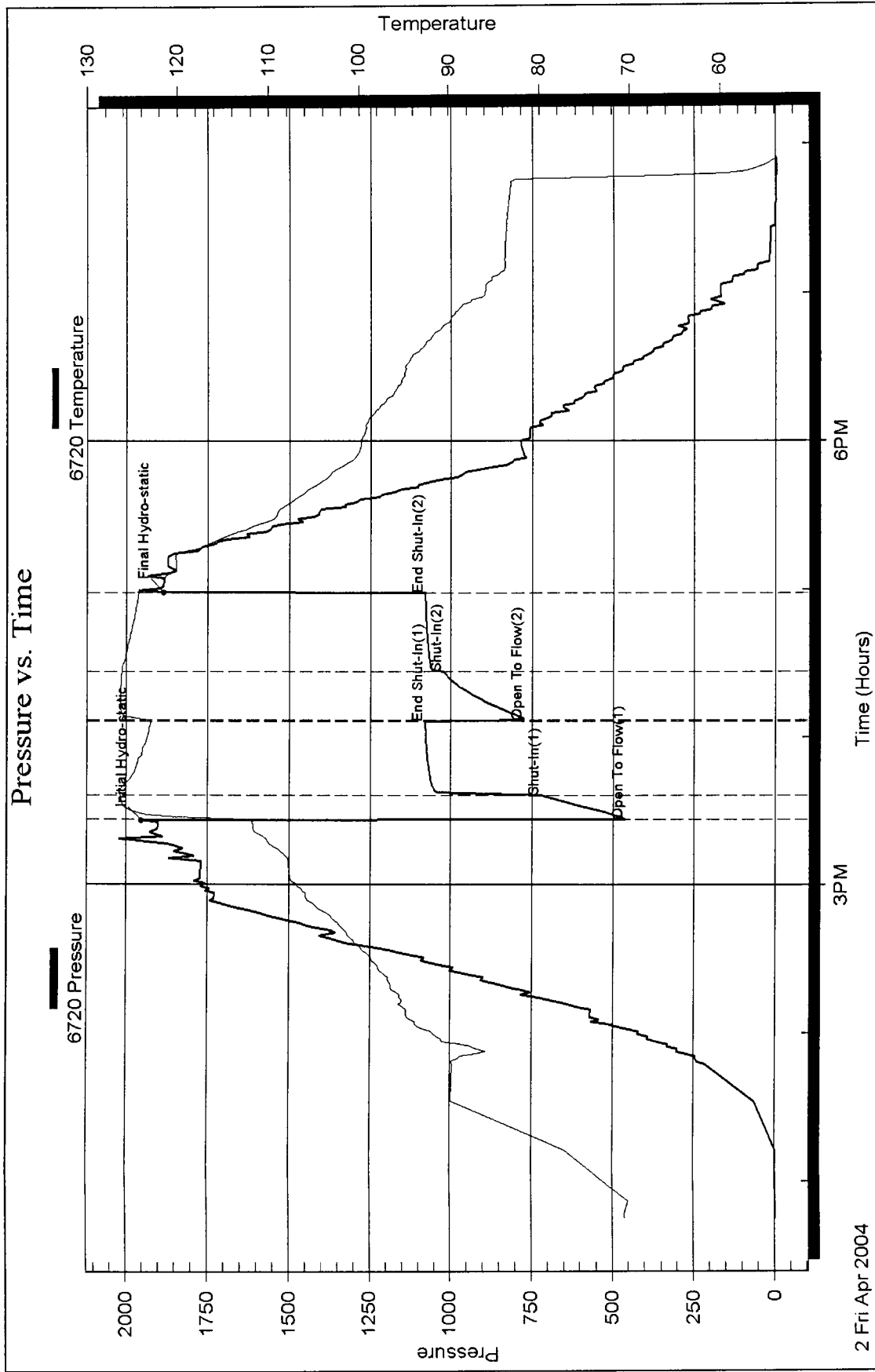
Recovery Comments:

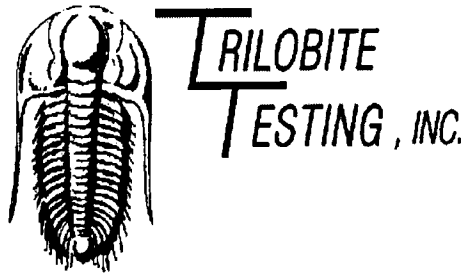
Serial #: 6720

Inside Carmen Schmitt Inc.

24-16-28 Lane, Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

24-16-28 Lane,Ks

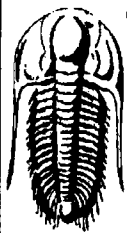
Balzerick #1

Start Date: 2004.04.03 @ 22:30:01

End Date: 2004.04.04 @ 05:31:15

Job Ticket #: 18110 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

Carmen Schmitt Inc.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18110

DST#: 2

Test Start: 2004.04.03 @ 22:30:01

GENERAL INFORMATION:

Formation: I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:27:00

Time Test Ended: 05:31:15

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: 4117.00 ft (KB) To 4156.00 ft (KB) (TVD)

Total Depth: 4156.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2700.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6720

Inside

Press@RunDepth: 339.05 psig @ 4118.00 ft (KB)

Start Date: 2004.04.03

End Date:

2004.04.04

Start Time: 22:30:01

End Time:

05:31:15

Capacity: 7000.00 psig

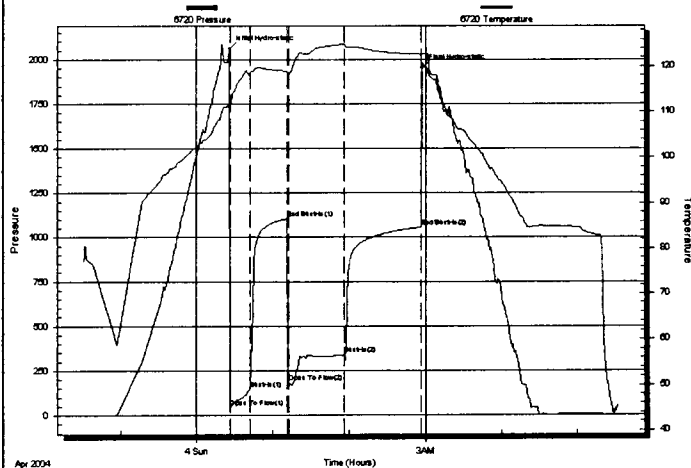
Last Calib.: 1899.12.30

Time On Btm: 2004.04.04 @ 00:26:15

Time Off Btm: 2004.04.04 @ 02:56:45

TEST COMMENT: B.O.B. in 6 min.
Weak return died in 5 min.
B.O.B. in 7 min.
9" in. return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.85	112.00	Initial Hydro-static
1	43.01	111.54	Open To Flow (1)
16	149.12	118.26	Shut-In (1)
46	1103.31	118.95	End Shut-In (1)
47	182.13	118.31	Open To Flow (2)
90	339.05	124.88	Shut-In (2)
150	1057.55	122.62	End Shut-In (2)
151	1951.92	122.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
510.00	s m c g o 8% m 22% g 70% o	6.06

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.

Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18110

DST#: 2

ATTN: Carmen Schmitt

Test Start: 2004.04.03 @ 22:30:01

Tool Information

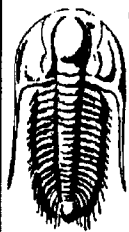
Drill Pipe:	Length: 3996.00 ft	Diameter: 3.80 inches	Volume: 56.05 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	56.64 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	4117.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	66.00 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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Change Over Sub	1.00			4091.00	
Shut In Tool	5.00			4096.00	
Hydraulic tool	5.00			4101.00	
Jars	5.00			4106.00	
Safety Joint	2.00			4108.00	
Packer	5.00			4113.00	27.00 Bottom Of Top Packer
Packer	4.00			4117.00	
Stubb	1.00			4118.00	
Recorder	0.00	6720	Inside	4118.00	
Perforations	33.00			4151.00	
Recorder	0.00	11058	Outside	4151.00	
Bullnose	5.00			4156.00	39.00 Bottom Packers & Anchor

Total Tool Length: 66.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18110

DST#: 2

ATTN: Carmen Schmitt

Test Start: 2004.04.03 @ 22:30:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
510.00	s m c g o 8% m 22% g 70% o	6.061

Total Length: 510.00 ft

Total Volume: 6.061 bbl

Num Fluid Samples: 0

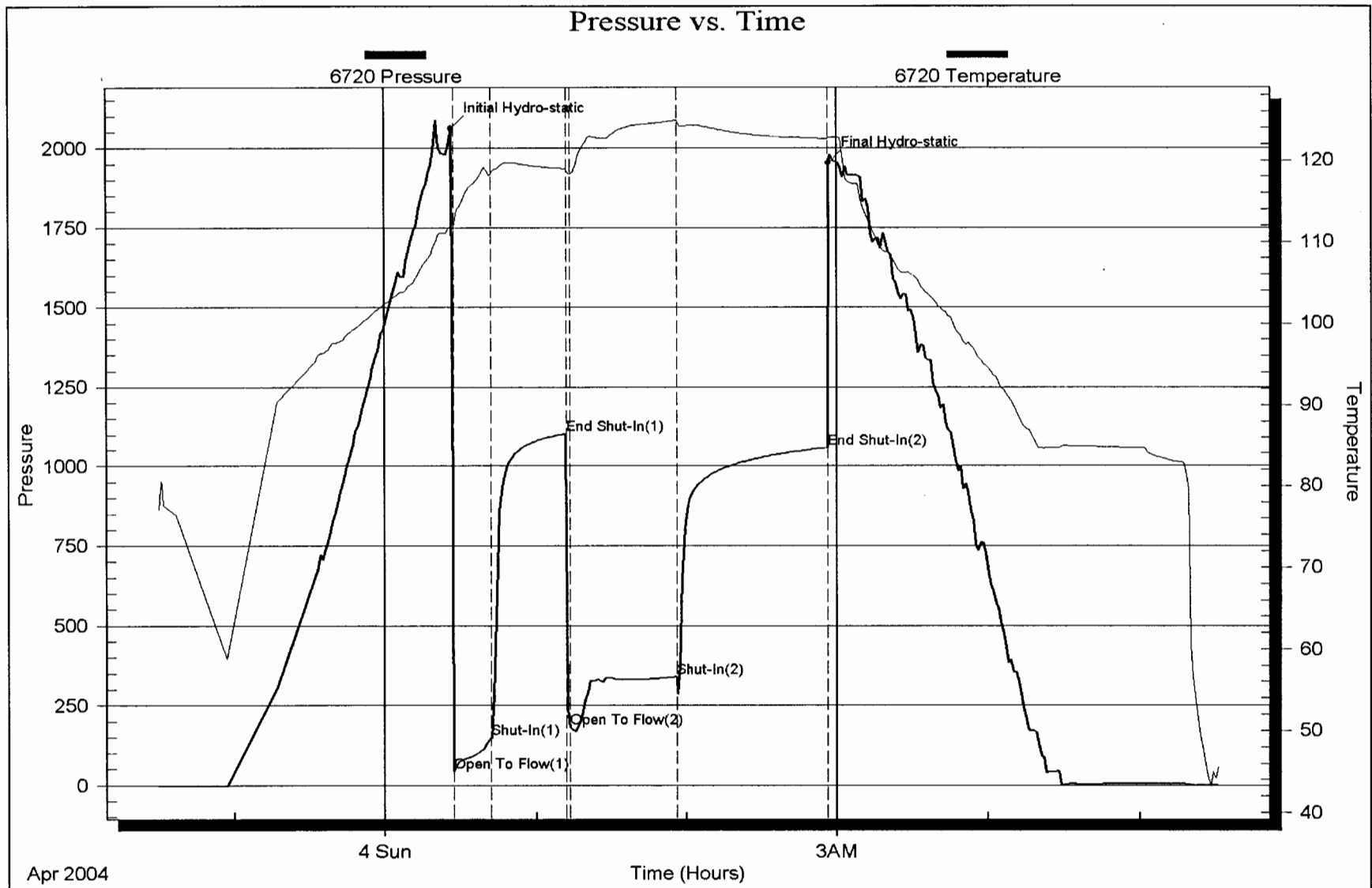
Num Gas Bombs: 0

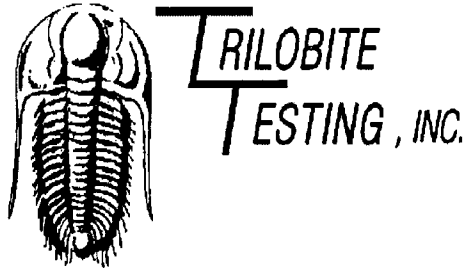
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

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24-16-28 Lane, Ks

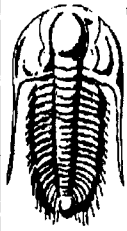
Balzerick #1

Start Date: 2004.04.04 @ 14:50:01

End Date: 2004.04.04 @ 22:12:00

Job Ticket #: 18111 DST #: 3

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



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DRILL STEM TEST REPORT

Carmen Schmitt Inc.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18111

DST#: 3

Test Start: 2004.04.04 @ 14:50:01

GENERAL INFORMATION:

Formation: **J**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 16:52:00
Time Test Ended: 22:12:00

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 25

Interval: **4154.00 ft (KB) To 4185.00 ft (KB) (TVD)**

Total Depth: 4185.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2700.00 ft (KB)

2695.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6720

Inside

Press@RunDepth: 155.90 psig @ 4155.00 ft (KB)

Start Date: 2004.04.04

End Date:

2004.04.04

Start Time: 14:50:01

End Time:

22:12:00

Capacity: 7000.00 psig

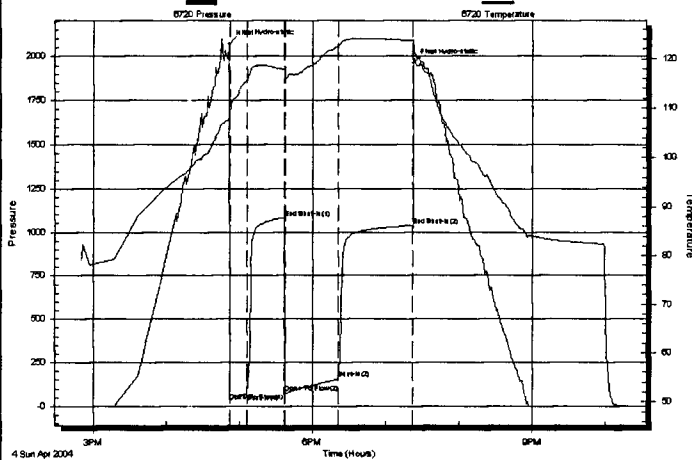
Last Calib.: 1899.12.30

Time On Btm: 2004.04.04 @ 16:51:45

Time Off Btm: 2004.04.04 @ 19:22:45

TEST COMMENT: B.O.B. in 8 min.
1" in return blow died back to 1/2" in.
B.O.B. in 5 1/2 min.
Return blow to B.O.B. in 30 min.

Pressure vs. Time



PRESSURE SUMMARY

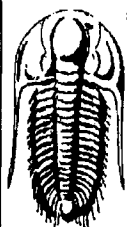
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2069.83	108.03	Initial Hydro-static
1	27.13	107.75	Open To Flow (1)
15	70.70	115.59	Shut-In (1)
45	1080.96	117.84	End Shut-In (1)
46	77.37	115.84	Open To Flow (2)
90	155.90	122.54	Shut-In (2)
151	1038.35	123.57	End Shut-In (2)
151	1961.49	123.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	m c g o 35% m 20% g 45% o	1.85
180.00	c g o 25% g 75% o	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.

Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18111

DST#: 3

ATTN: Carmen Schmitt

Test Start: 2004.04.04 @ 14:50:01

Tool Information

Drill Pipe:	Length: 4027.00 ft	Diameter: 3.80 inches	Volume: 56.49 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	57.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4154.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 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
Change Over Sub	1.00			4128.00	
Shut In Tool	5.00			4133.00	
Hydraulic tool	5.00			4138.00	
Jars	5.00			4143.00	
Safety Joint	2.00			4145.00	
Packer	5.00			4150.00	27.00 Bottom Of Top Packer
Packer	4.00			4154.00	
Stubb	1.00			4155.00	
Recorder	0.00	6720	Inside	4155.00	
Perforations	25.00			4180.00	
Recorder	0.00	11058	Outside	4180.00	
Bullnose	5.00			4185.00	31.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18111

DST#: 3

ATTN: Carmen Schmitt

Test Start: 2004.04.04 @ 14:50:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	m c g o 35% m 20% g 45% o	1.853
180.00	c g o 25% g 75% o	2.525

Total Length: 390.00 ft

Total Volume: 4.378 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

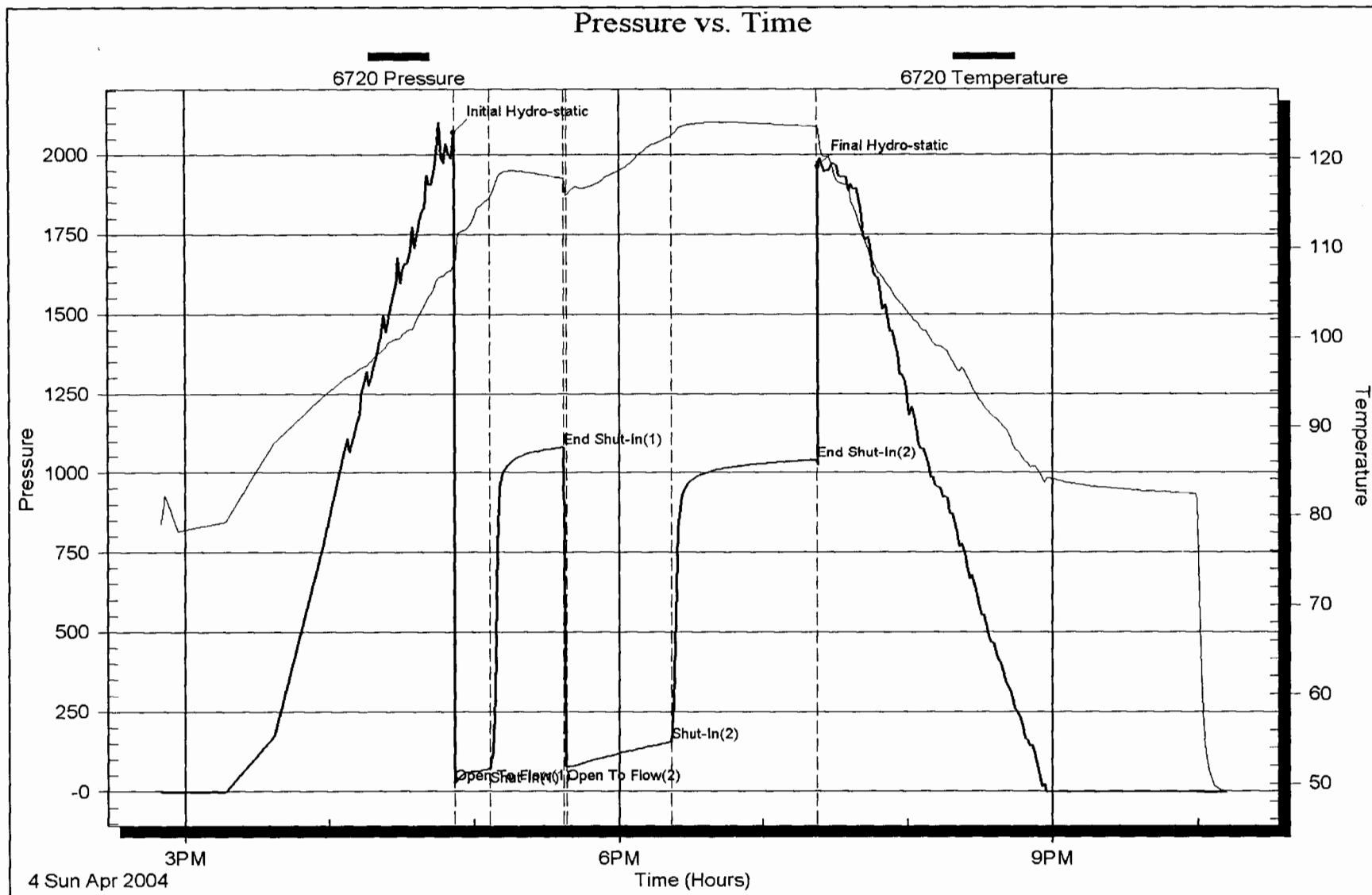
Recovery Comments:

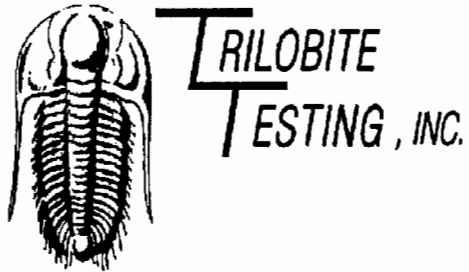
Serial #: 6720

Inside Carmen Schmitt Inc.

24-16-28 Lane, Ks

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

24-16-28 Lane, Ks

Balzerick #1

Start Date: 2004.04.05 @ 06:35:23

End Date: 2004.04.05 @ 13:19:37

Job Ticket #: 18112 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Carmen Schmitt Inc.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18112

DST#: 4

Test Start: 2004.04.05 @ 06:35:23

GENERAL INFORMATION:

Formation: **K**

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

Time Tool Opened: 08:31:07

Time Test Ended: 13:19:37

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **25**

Interval: **4184.00 ft (KB) To 4224.00 ft (KB) (TVD)**

Total Depth: **4224.00 ft (KB) (TVD)**

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

Reference Elevations: **2700.00 ft (KB)**

2695.00 ft (CF)

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

Serial #: 6720

Inside

Press@RunDepth: **179.41 psig @ 4185.00 ft (KB)**

Start Date: **2004.04.05**

End Date:

2004.04.05

Start Time: **06:35:23**

End Time:

13:19:37

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2004.04.05 @ 08:30:52**

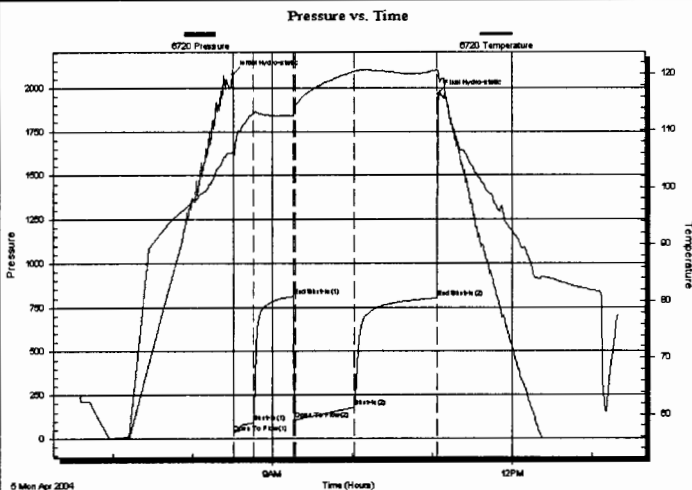
Time Off Btm: **2004.04.05 @ 11:04:37**

TEST COMMENT: **1/2" in @ open built to 10" in.**

No return

1 1/2" in. @ open, B.O.B. in 21 min.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.30	105.76	Initial Hydro-static
1	34.14	105.39	Open To Flow (1)
16	92.36	113.00	Shut-In(1)
45	812.32	112.57	End Shut-In(1)
47	107.62	114.27	Open To Flow (2)
91	179.41	120.43	Shut-In(2)
153	801.97	120.62	End Shut-In(2)
154	1964.25	120.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	g & o c m w 10g 20o 30m 40w	0.59
180.00	o&w c g m 25o 25w 10g 40m	2.52
90.00	h o c g m 50m 35o 15g	1.26

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.

PO Box 47
Great Bend, Ks 67530

ATTN: Carmen Schmitt

Balzerick #1

24-16-28 Lane, Ks

Job Ticket: 18112

DST#: 4

Test Start: 2004.04.05 @ 06:35:23

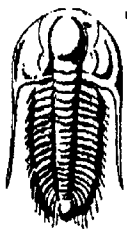
Tool Information

Drill Pipe:	Length: 4058.00 ft	Diameter: 3.80 inches	Volume: 56.92 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 57.51 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4184.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 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			4158.00	
Shut In Tool	5.00			4163.00	
Hydraulic tool	5.00			4168.00	
Jars	5.00			4173.00	
Safety Joint	2.00			4175.00	
Packer	5.00			4180.00	27.00 Bottom Of Top Packer
Packer	4.00			4184.00	
Stubb	1.00			4185.00	
Recorder	0.00	6720	Inside	4185.00	
Perforations	34.00			4219.00	
Recorder	0.00	11058	Outside	4219.00	
Bullnose	5.00			4224.00	40.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Balzerick #1

PO Box 47
Great Bend, Ks 67530

24-16-28 Lane, Ks

Job Ticket: 18112

DST#: 4

ATTN: Carmen Schmitt

Test Start: 2004.04.05 @ 06:35:23

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:

38500 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	g & o c m w 10g 20o 30m 40w	0.590
180.00	o&w c g m 25o 25w 10g 40m	2.525
90.00	h o c g m 50m 35o 15g	1.262

Total Length: 390.00 ft

Total Volume: 4.377 bbl

Num Fluid Samples: 0

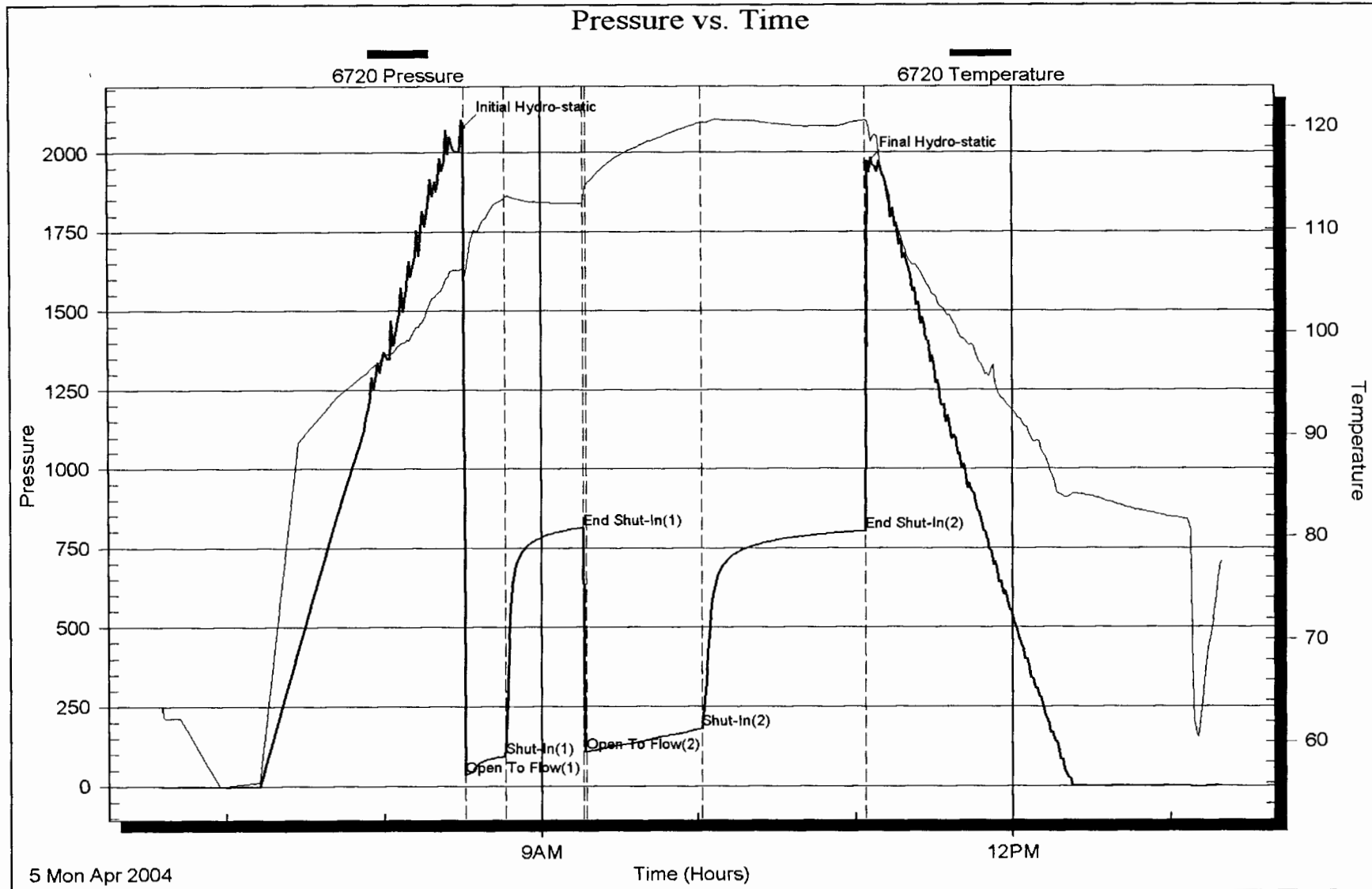
Num Gas Bombs: 0

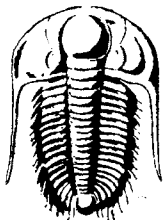
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

05/03

INV
6331

Nº 18109

Test Ticket

Well Name & No.	<u>Bakerick #1</u>	Test No.	<u>#1</u>	Date	<u>4-3-04</u>
Company	<u>Carmen Schmitt Inc.</u>	Zone Tested	<u>C</u>		
Address	<u>P.O. Box 47 Great Bend, Ks 67530</u>	Elevation	<u>2700'</u>	KB	<u>2695'</u> GL
Co. Rep / Geo.	<u>Rich O'Donnell</u>	Cont.	<u>Murkin #24</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>24</u>	Twp.	<u>16S</u>	Rge.	<u>28W</u> Co. <u>Lane</u> State <u>Ks</u>
No. of Copies	<u>Norm.</u>	Disbtribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>3985'</u>	<u>4017'</u>	Initial Str Wt./Lbs.	<u>45,000</u>	Unseated Str Wt./Lbs.	<u>49,000</u>
Anchor Length	<u> </u>	<u>32'</u>	Wt. Set Lbs.	<u>25,000</u>	Wt. Pulled Loose/Lbs.	<u>75,000</u>
Top Packer Depth	<u> </u>	<u>3980'</u>	Tool Weight	<u>1500</u>		
Bottom Packer Depth	<u> </u>	<u>3985'</u>	Hole Size 7 7/8"	<u>✓</u>	Rubber Size 6 3/4"	<u>✓</u>
Total Depth	<u> </u>	<u>4017'</u>	Wt. Pipe Run	<u> </u>	Drill Collar Run	<u>120' xH</u>
Mud Wt.	<u>8.8</u>	LCM <u>#1</u> Vis. <u>42</u> WL <u>7.2</u>	Drill Pipe Size	<u>4 1/2 x H</u>	Ft. Run	<u>3870'</u>

Blow Description B.O. B. @ open
No return
B.O. B. in 1 1/2 min
No return

Recovery - Total Feet	<u>2040</u>	GIP	<u> </u>	Ft. in DC	<u>120'</u>	Ft. in DP	<u>1920'</u>				
Rec.	<u>240'</u>	Feet of	<u>new w/trace of oil</u>	%gas	<u>Trace</u>	%oil	<u>60</u>	%water	<u>40</u>	%mud	<u> </u>
Rec.	<u>180'</u>	Feet of	<u>Smew w/trace of 0.1</u>	%gas	<u>Trace</u>	%oil	<u>80</u>	%water	<u>20</u>	%mud	<u> </u>
Rec.	<u>600'</u>	Feet of	<u>water w/trace of oil</u>	%gas	<u>Trace</u>	%oil	<u>100</u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u>1020'</u>	Feet of	<u>Water w/oil scum</u>	%gas	<u>Scum</u>	%oil	<u>100</u>	%water	<u> </u>	%mud	<u> </u>
Rec.	<u> </u>	Feet of	<u> </u>	%gas	<u> </u>	%oil	<u> </u>	%water	<u> </u>	%mud	<u> </u>
BHT	<u>124°</u>	°F Gravity	<u> </u>	°API D @	<u> </u>	°F Corrected Gravity	<u> </u>	°API	<u> </u>		
RW	<u>.199</u>	@	<u>59</u>	°F	Chlorides	<u>41,500</u>	ppm Recovery	<u>41,500</u>	Chlorides	<u>1,000</u>	ppm System

	AK-1	Alpine					
(A) Initial Hydrostatic Mud	<u>1953</u>	PSI	Recorder No.	<u>6720</u>	Test	<u>800</u>	<u>°S</u>
(B) First Initial Flow Pressure	<u>462</u>	PSI	(depth)	<u>3986'</u>	Elec. Rec.	<u>✓</u>	<u>150</u>
(C) First Final Flow Pressure	<u>720</u>	PSI	Recorder No.	<u>2023 11058</u>	Jars	<u>✓</u>	<u>200</u>
(D) Initial Shut-In Pressure	<u>1079</u>	PSI	(depth)	<u>4012'</u>	Safety Jt.	<u>✓</u>	<u>500</u>
(E) Second Initial Flow Pressure	<u>773</u>	PSI	Recorder No.	<u> </u>	Circ Sub	<u>✓</u>	<u>N/C</u>
(F) Second Final Flow Pressure	<u>1023</u>	PSI	(depth)	<u> </u>	Sampler	<u> </u>	
(G) Final Shut-In Pressure	<u>1079</u>	PSI	Initial Opening	<u>10</u>	Straddle	<u> </u>	
(Q) Final Hydrostatic Mud	<u>1884</u>	PSI	Initial Shut-In	<u>30</u>	Ext. Packer	<u> </u>	

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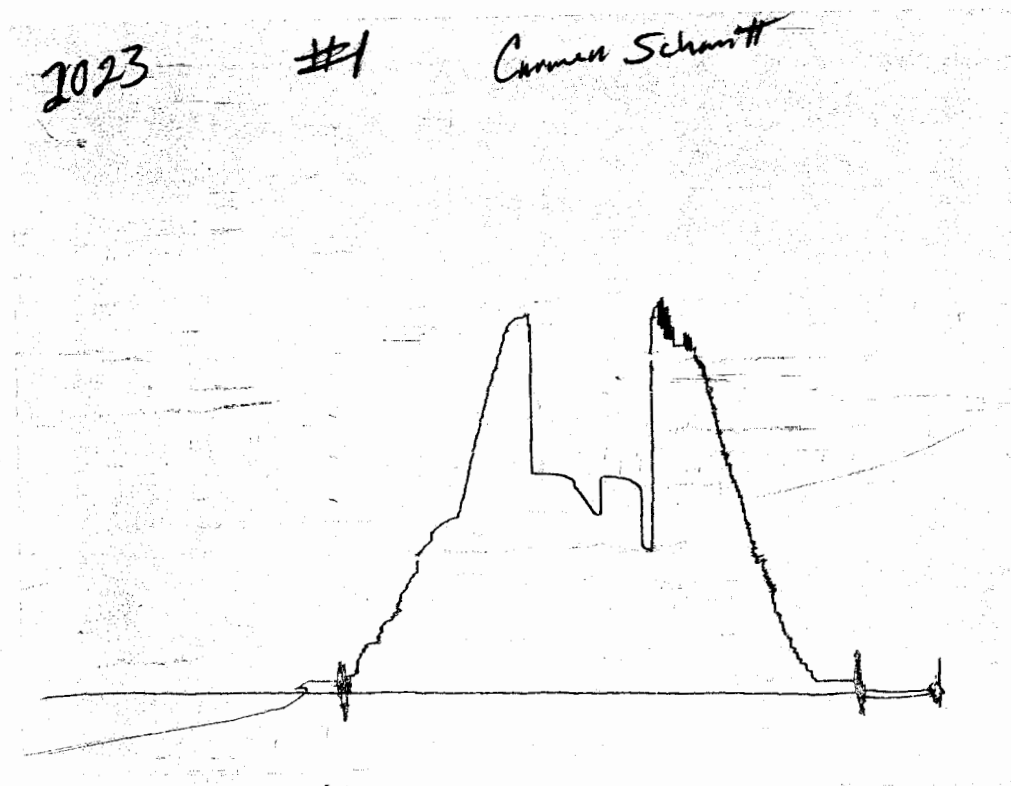
Approved By Rich O'Donnell

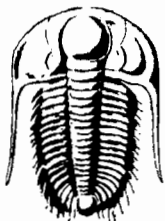
Final Flow	<u>20</u>
Final Shut-In	<u>30</u>
T-On Location	<u>23:30 p.m.</u>
T-Started	<u>00:45 A.M.</u>
T-Open	<u>03:25 A.M.</u>
T-Pulled	<u>04:55 A.M.</u>

Shale Packer	<u>73.10</u>
Mileage	<u>843</u>
Sub Total:	<u>1243.00</u>
Std. By	<u>1273.10</u>
Other	<u> </u>
Total:	<u>1243.00</u>

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18110

05/03

Test Ticket

Well Name & No. <u>Bulzerick #1</u>	Test No. <u>#2</u>	Date <u>3-4-04</u>
Company <u>Carmen Schmitt Inc</u>	Zone Tested <u>F</u>	
Address <u>P.O. Box 47 Great Bend, Ks 67530</u>	Elevation <u>2700</u> KB <u>2695'</u> GL	
Co. Rep / Geo. <u>Rich O'Donnell</u>	Cont. <u>Martin #24</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>24</u> Twp. <u>16S</u> Rge. <u>28W</u> Co. <u>Lane</u> State <u>Ks</u>		
No. of Copies <u>Norm</u> Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested 4117' 4156' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length _____ 39' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 75,000
 Top Packer Depth _____ 4112' Tool Weight 1500
 Bottom Packer Depth _____ 4117' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4156' Wt. Pipe Run _____ Drill Collar Run 120 xH
 Mud Wt. 9.2 LCM #1 Vis. 46 WL 7.2 Drill Pipe Size 4 1/2 xH Ft. Run 3996'
 Blow Description B.O.B. in 6 min
weak return dried in 5 min
B.O.B. in 7 min
9" in return blow

Recovery - Total Feet 510 GIP 1170' Ft. in DC 120 Ft. in DP 390'
 Rec. 510' Feet of Smcgo 22 %gas 70 %oil %water 8 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 123° °F Gravity 34 °API D @ 50° °F Corrected Gravity 35 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1700 ppm System

AK-1	Alpine	Recorder No. <u>6720</u>	Test <u>✓</u> <u>800.00</u>
(A) Initial Hydrostatic Mud	<u>2060</u> PSI	(depth) <u>4118'</u>	Elec. Rec. <u>✓</u> <u>150.00</u>
(B) First Initial Flow Pressure	<u>43</u> PSI	Recorder No. <u>2023</u> 11498	Jars <u>✓</u> <u>200.00</u>
(C) First Final Flow Pressure	<u>149</u> PSI	(depth) <u>4151'</u>	Safety Jt. <u>✓</u> <u>50.00</u>
(D) Initial Shut-In Pressure	<u>1103</u> PSI	Recorder No. _____	Circ Sub <u>✓</u> <u>N/C</u>
(E) Second Initial Flow Pressure	<u>182</u> PSI	(depth) _____	Sampler _____
(F) Second Final Flow Pressure	<u>339</u> PSI	Initial Opening <u>15</u>	Straddle _____
(G) Final Shut-In Pressure	<u>1057</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1951</u> PSI	Final Flow <u>45</u>	Shale Packer _____
		Final Shut-In <u>60</u>	Mileage <u>✓</u> <u>43</u> 145.00
		T-On Location <u>21:20 p.m.</u>	Sub Total: <u>1243.00</u>
		T-Started <u>22:30 p.m.</u>	Std. By <u>1273.10</u>
		T-Open <u>00:30 a.m.</u>	Other _____
		T-Pulled <u>03:00 a.m.</u>	Total: <u>1243.00</u>

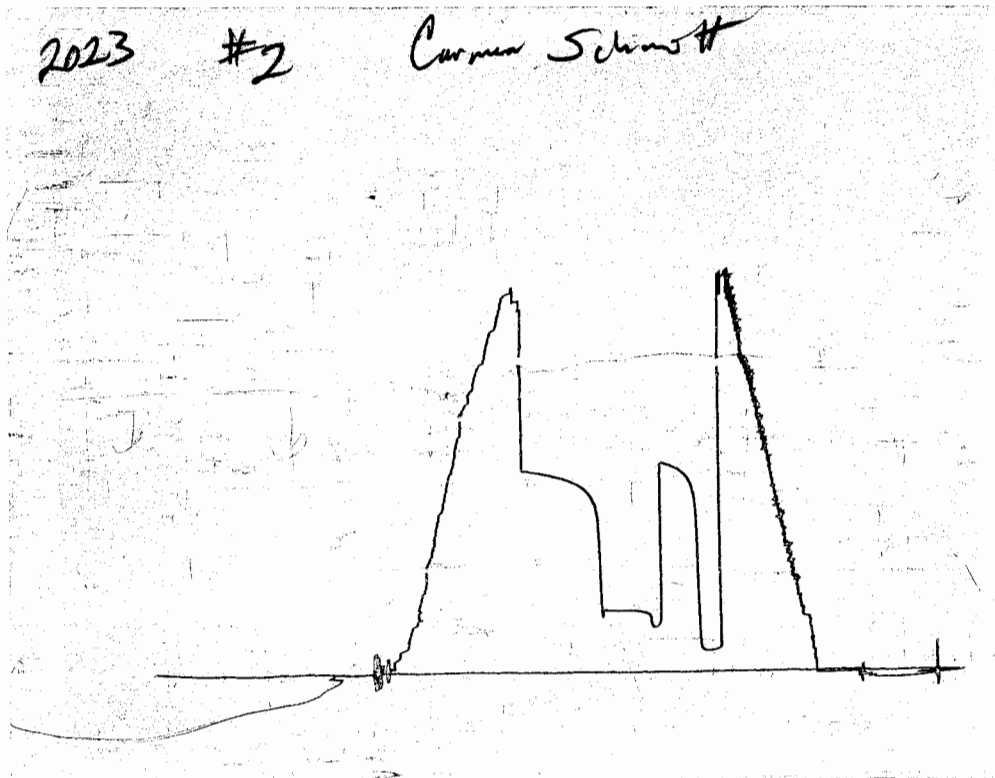
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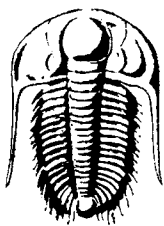
Approved By Robert O'Donnell

Our Representative L. M. 2A

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Nº 18111

05/03

Test Ticket

Well Name & No. <u>Balzerick #1</u>	Test No. <u>#3</u>	Date <u>4-4-04</u>
Company <u>Carmen Schmitt Inc.</u>	Zone Tested <u>5</u>	
Address <u>P.O. Box 47 Great Bend, Ks 67530</u>	Elevation <u>2700</u>	KB <u>2695</u> GL
Co. Rep / Geo. <u>Rich O'Donnell</u>	Cont. <u>Mud #2d</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>24</u>	Twp. <u>16S</u>	Rge. <u>28W</u> Co. <u>Lane</u> State <u>Ks</u>
No. of Copies <u>Norm.</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4154</u>	<u>4185</u>	Initial Str Wt./Lbs. <u>49,000</u>	Unseated Str Wt./Lbs. <u>53,000</u>
Anchor Length _____	<u>31</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>75,000</u>
Top Packer Depth _____	<u>4149</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth _____	<u>4154</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth _____	<u>4185</u>	Wt. Pipe Run _____	Drill Collar Run <u>120' x H</u>
Mud Wt. <u>9.2</u>	LCM <u>#1</u> Vis. <u>46</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 x H</u>	Ft. Run <u>4027'</u>

Blow Description B.O.B. in 8 min
1" in return blow died back to 1/2"
B.O.B. in 5 1/2 min
Return blow to B.O.B. in 30 min.

Recovery - Total Feet <u>390'</u>	GIP <u>1290'</u>	Ft. in DC <u>120</u>	Ft. in DP <u>270</u>
Rec. <u>180'</u>	Feet of <u>C90</u>	<u>25</u> %gas <u>75</u> %oil	%water %mud
Rec. <u>210'</u>	Feet of <u>mc90</u>	<u>20</u> %gas <u>45</u> %oil	%water <u>35</u> %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
BHT <u>124</u>	°F Gravity <u>36</u>	°API D @ <u>50°</u>	°F Corrected Gravity <u>37</u> °API
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>3400</u> ppm System

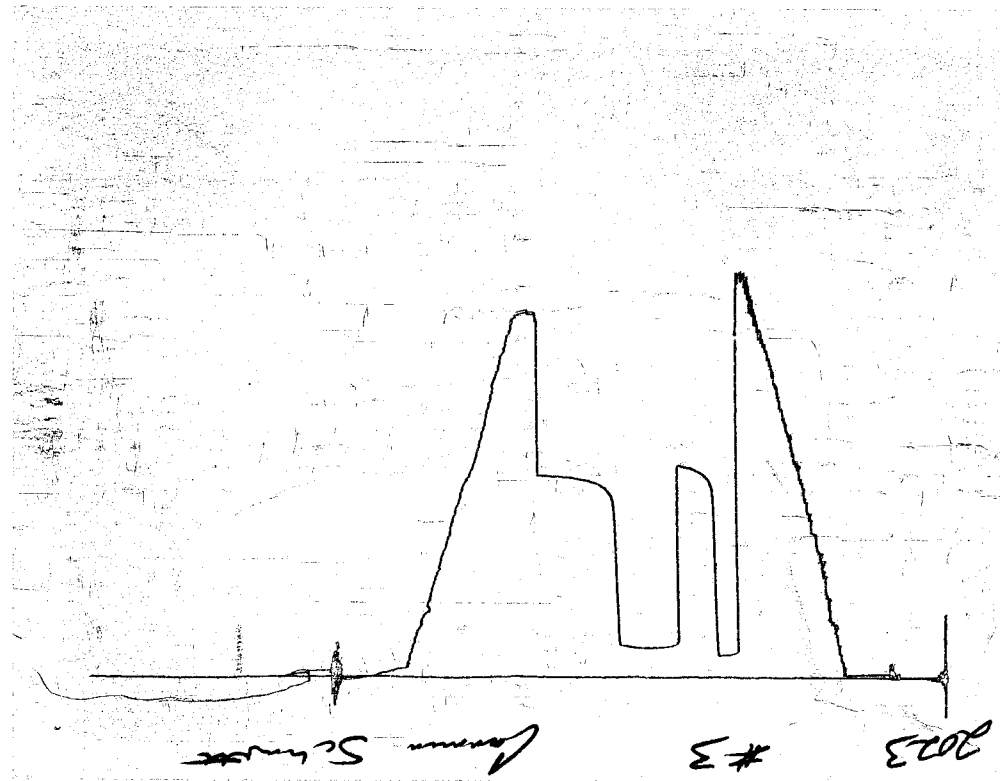
AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2069</u> PSI	Recorder No. <u>6720</u>	Test <u>820</u> °C
(B) First Initial Flow Pressure	<u>27</u> PSI	(depth) <u>4155'</u>	Elec. Rec. <u>150</u> °C
(C) First Final Flow Pressure	<u>70</u> PSI	Recorder No. <u>2023</u> 4059	Jars <u>200</u> °C
(D) Initial Shut-In Pressure	<u>1080</u> PSI	(depth) <u>4180</u>	Safety Jt. <u>50</u> °C
(E) Second Initial Flow Pressure	<u>77</u> PSI	Recorder No. _____	Circ Sub <u>N/C</u>
(F) Second Final Flow Pressure	<u>156</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>1038</u> PSI	Initial Opening <u>15</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1961</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
		Final Flow <u>45</u>	Shale Packer _____
		Final Shut-In <u>60</u>	Mileage <u>x43</u> #43 °C
		T-On Location <u>14:00 p.m.</u>	Sub Total: <u>1243</u> °C
		T-Started <u>14:50 p.m.</u>	Std. By <u>1273.10</u>
		T-Open <u>16:50 p.m.</u>	Other _____
		T-Pulled <u>19:20 p.m.</u>	Total: <u>1243</u> °C

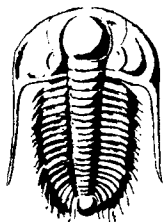
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Approved By Rich O'Donnell

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

N^o 18112

05/03

Test Ticket

Well Name & No. <u>Balzerock #1</u>	Test No. <u>#4</u>	Date <u>4-5-04</u>
Company <u>Carmen Schmitt Inc.</u>	Zone Tested <u>K</u>	
Address <u>P.O. Box 47 Great Bend, KS, 67530</u>	Elevation <u>2700'</u>	KB <u>2695'</u> GL
Co. Rep / Geo. <u>Rich O'Donnell</u>	Cont. <u>Murkin #24</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>24</u>	Twp. <u>16S</u>	Rge. <u>28W</u> Co. <u>Lawe</u> State <u>KS</u>
No. of Copies <u>Num</u>	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4184' 4224' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 53,000
Anchor Length _____ 40' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 75,000
Top Packer Depth _____ 4179' Tool Weight 1500
Bottom Packer Depth _____ 4184' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
Total Depth _____ 4224' Wt. Pipe Run _____ Drill Collar Run 120' xH
Mud Wt. 9.2 LCM #1 Vis. 46 WL 8.0 Drill Pipe Size 4 1/2 x 14 Ft. Run 4058'
Blow Description 1/2" @ open built to 10" in.
No return
1 1/2" @ open, B.O.B. in 21 min.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>390'</u>	<u>150'</u>	<u>120</u>	<u>270</u>
Rec. <u>90'</u>	Feet of <u>HOCgm</u>	<u>15</u> %gas <u>35</u> %oil	%water <u>50</u> %mud
Rec. <u>180'</u>	Feet of <u>0.5wcm</u>	<u>10</u> %gas <u>25</u> %oil	<u>25</u> %water <u>40</u> %mud
Rec. <u>120'</u>	Feet of <u>g.3ocmw</u>	<u>10</u> %gas <u>20</u> %oil	<u>40</u> %water <u>30</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>121°</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API
RW <u>.195</u> @ <u>68°</u> °F	Chlorides <u>38500</u> ppm	Recovery <u>38,500</u>	Chlorides <u>4000</u> ppm System

AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2079</u> PSI	<u>6720</u>	<u>800.00</u>
(B) First Initial Flow Pressure	<u>34</u> PSI	(depth) <u>4185'</u>	Elec. Rec. X <u>150.00</u>
(C) First Final Flow Pressure	<u>92</u> PSI	Recorder No. <u>2023</u> <u>11058</u>	Jars X <u>200.00</u>
(D) Initial Shut-In Pressure	<u>812</u> PSI	(depth) <u>4219'</u>	Safety Jt. X <u>50.00</u>
(E) Second Initial Flow Pressure	<u>107</u> PSI	Recorder No. _____	Circ Sub X <u>N/C</u>
(F) Second Final Flow Pressure	<u>179</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure	<u>801</u> PSI	Initial Opening <u>15</u>	Straddle _____
(Q) Final Hydrostatic Mud	<u>1964</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
		Final Flow <u>45</u>	Shale Packer _____
		Final Shut-In <u>60</u>	Mileage <u>43</u> <u>\$43.00</u>
		T-On Location <u>06:10 A.M.</u>	Sub Total: <u>1273.10</u>
		T-Started <u>06:35 A.M.</u>	Std. By _____
		T-Open <u>08:30 A.M.</u>	Other _____
		T-Pulled <u>11:00 A.M.</u>	Total: <u>1243.00</u>

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Approved By Rich O'Donnell

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

