

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

13-16S-28W Lane KS

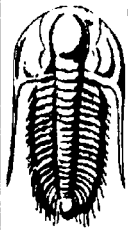
Bentley #3

Start Date: 2004.07.13 @ 23:38:35

End Date: 2004.07.14 @ 07:10:50

Job Ticket #: 19034 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.

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

Bentley #3

13-16S-28W Lane KS

Job Ticket: 19034

DST#: 1

Test Start: 2004.07.13 @ 23:38:35

GENERAL INFORMATION:

Formation: **L/KC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:07:50

Time Test Ended: 07:10:50

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **4099.00 ft (KB) To 4134.00 ft (KB) (TVD)**

Total Depth: 4134.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2687.00 ft (KB)

2682.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 225.64 psig @ 4100.00 ft (KB)

Start Date: 2004.07.13

End Date:

2004.07.14

Start Time: 23:38:37

End Time:

07:10:50

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.07.14 @ 01:06:35

Time Off Btm: 2004.07.14 @ 04:02:35

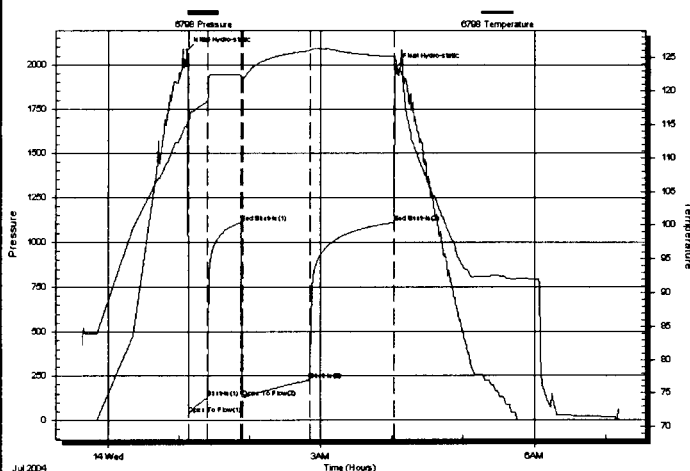
TEST COMMENT: IF; Fair blow built to btm in 12 mins

IS; Surface return built to 2 1/2"

FF; Fair blow built to btm in 8 mins

FS; Surface return built to 10"

Pressure vs. Time



PRESSURE SUMMARY

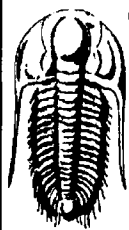
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.32	114.82	Initial Hydro-static
2	30.82	114.97	Open To Flow (1)
18	123.67	118.75	Shut-In (1)
47	1110.53	122.39	End Shut-In (1)
48	128.19	121.74	Open To Flow (2)
105	225.64	126.08	Shut-In (2)
175	1110.25	125.10	End Shut-In (2)
176	1987.53	124.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Wtr	0.91
180.00	GOWCM 40%gas 20%oil 10%wtr 30%ml	1.47
220.00	CGO 15%gas 85%oil	3.09
	1025 GIP	

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.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19034

DST#: 1

ATTN: Rich O'Donnell

Test Start: 2004.07.13 @ 23:38:35

Tool Information

Drill Pipe:	Length: 3795.00 ft	Diameter: 3.80 inches	Volume: 53.23 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.80 inches	Volume: 2.16 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 55.39 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4099.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	63.00 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			4078.00	
Hydraulic tool	5.00			4083.00	
Jars	5.00			4088.00	
Safety Joint	2.00			4090.00	
Packer	4.00			4094.00	26.00 Bottom Of Top Packer
Packer	5.00			4099.00	
Stubb	1.00			4100.00	
Recorder	0.00	6798	Inside	4100.00	
Perforations	31.00			4131.00	
Recorder	0.00	13276	Outside	4131.00	
Bullnose	5.00			4136.00	37.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19034

DST#: 1

ATTN: Rich O'Donnell

Test Start: 2004.07.13 @ 23:38:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Wtr	0.914
180.00	GOWCM 40%gas 20%oil 10%w tr 30%mud	1.473
220.00	CGO 15%gas 85%oil	3.086
	1025 GIP	

Total Length: 520.00 ft Total Volume: 5.275 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .30 @ 70 Deg = 24,000 Chlorides

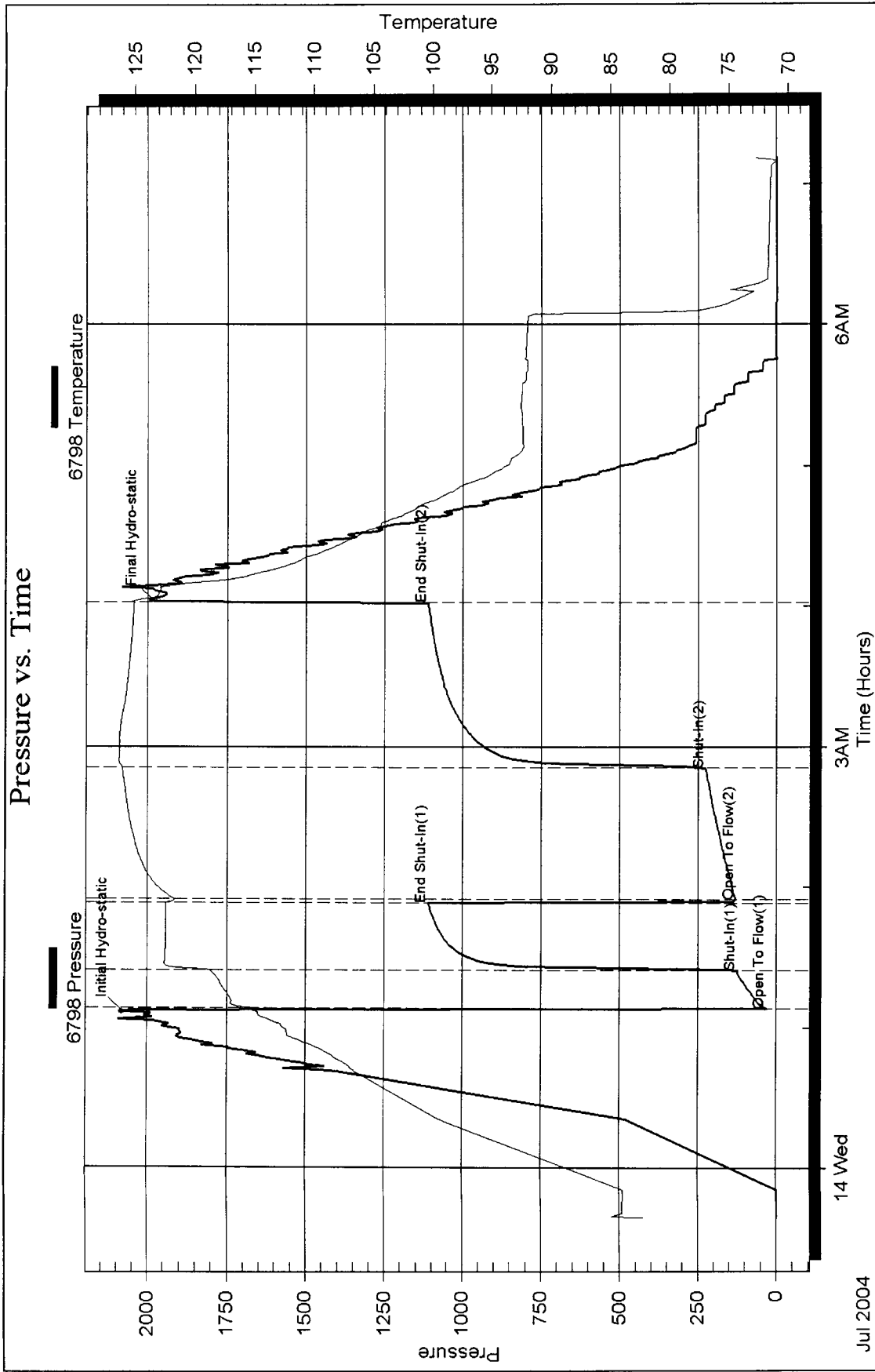
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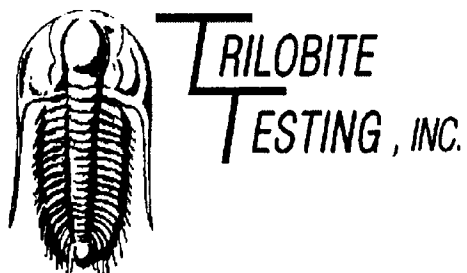
Inside

Carmen Schnitt Inc.

13-16S-28W Lane KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

13-16S-28W Lane KS

Bentley #3

Start Date: 2004.07.14 @ 13:47:38

End Date: 2004.07.14 @ 17:29:08

Job Ticket #: 19035 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.

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

Bentley #3

13-16S-28W Lane KS

Job Ticket: 19035

DST#: 2

Test Start: 2004.07.14 @ 13:47:38

GENERAL INFORMATION:

Formation: **L/KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 17:29:08

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: **4134.00 ft (KB) To 4162.00 ft (KB) (TVD)**

Total Depth: 4162.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2687.00 ft (KB)

2682.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: psig @ 4135.00 ft (KB)

Start Date: 2004.07.14

End Date:

2004.07.14

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 13:47:40

End Time:

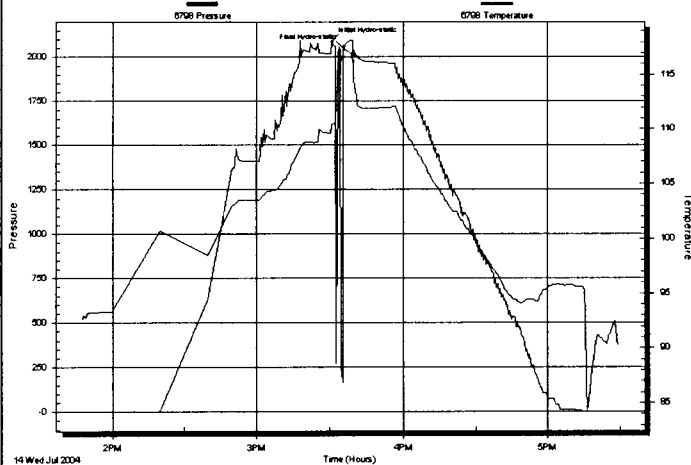
17:29:08

Time On Btm: 2004.07.14 @ 15:30:53

Time Off Btm: 2004.07.14 @ 15:35:38

TEST COMMENT: IF; Packer seat failed = reset and failed again TOH

Pressure vs. Time



PRESSURE SUMMARY

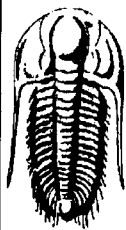
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.74	110.35	Initial Hydro-static
5	2053.19	117.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Drilg. Mud	2.39

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.

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

Bentley #3

13-16S-28W Lane KS

Job Ticket: 19035

DST#: 2

Test Start: 2004.07.14 @ 13:47:38

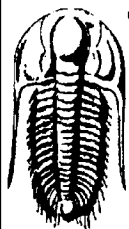
Tool Information

Drill Pipe:	Length: 3855.00 ft	Diameter: 3.80 inches	Volume: 54.08 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.80 inches	Volume: 2.16 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 56.24 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4134.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	28.00 ft				
Tool Length:	54.00 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			4113.00	
Hydraulic tool	5.00			4118.00	
Jars	5.00			4123.00	
Safety Joint	2.00			4125.00	
Packer	4.00			4129.00	26.00 Bottom Of Top Packer
Packer	5.00			4134.00	
Stubb	1.00			4135.00	
Recorder	0.00	6798	Inside	4135.00	
Perforations	22.00			4157.00	
Recorder	0.00	13276	Outside	4157.00	
Bullnose	5.00			4162.00	28.00 Bottom Packers & Anchor

Total Tool Length: 54.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19035

DST#: 2

ATTN: Rich O'Donnell

Test Start: 2004.07.14 @ 13:47:38

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	Drig. Mud	2.387

Total Length: 300.00 ft

Total Volume: 2.387 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

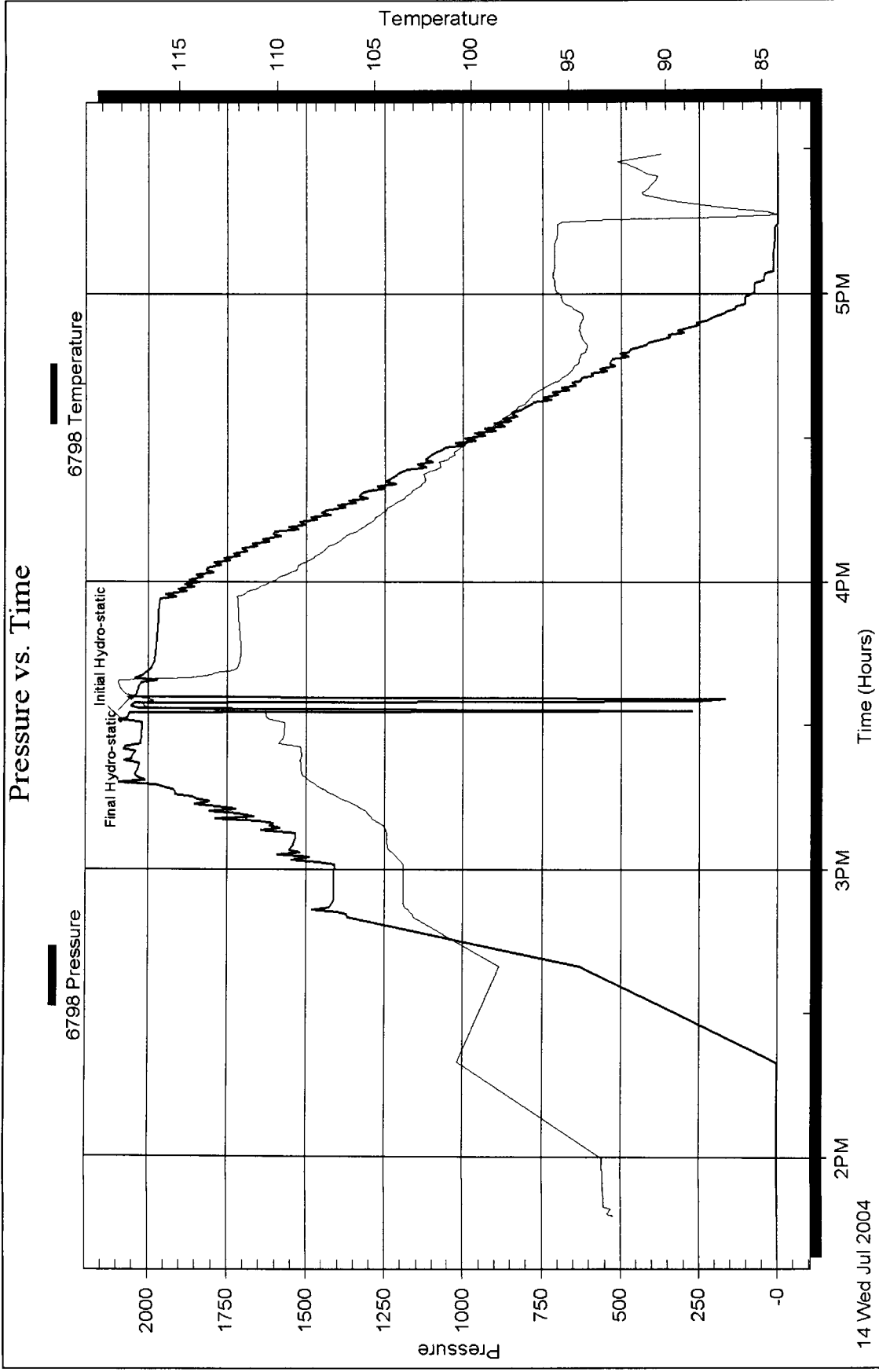
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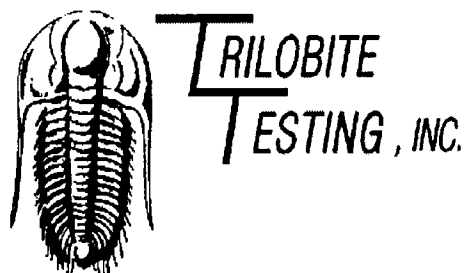
Inside

Carmen Schnitt Inc.

13-16S-28W Lane KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

13-16S-28W Lane KS

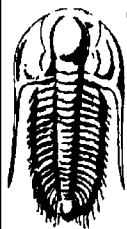
Bentley #3

Start Date: 2004.07.14 @ 17:40:07

End Date: 2004.07.14 @ 20:58:22

Job Ticket #: 19036 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

Carmen Schmitt Inc.
P. O. Box 47
Great Bend KS. 67530
ATTN: Rich O'Donnell

Bentley #3

13-16S-28W Lane KS

Job Ticket: 19036

DST#: 3

Test Start: 2004.07.14 @ 17:40:07

GENERAL INFORMATION:

Formation: **L/KC "J"**

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

Time Tool Opened:

Time Test Ended: **20:58:22**

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4121.00 ft (KB) To 4162.00 ft (KB) (TVD)**

Total Depth: **4162.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2687.00 ft (KB)**

2682.00 ft (CF)

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

Serial #: 6798

Inside

Press@RunDepth: **psig @ 4122.00 ft (KB)**

Start Date: **2004.07.14**

End Date:

2004.07.14

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **17:40:09**

End Time:

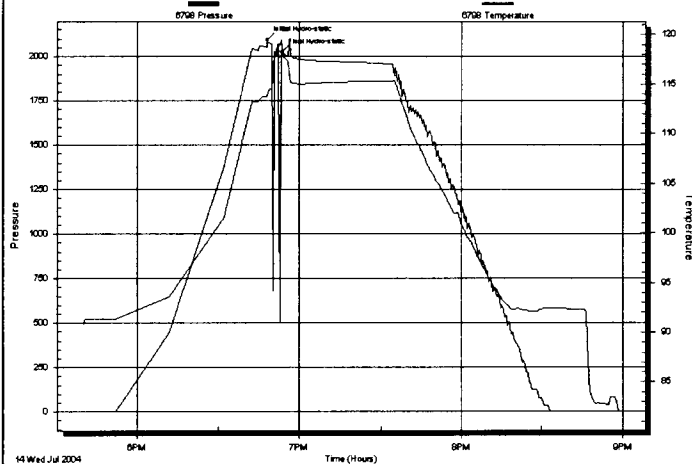
20:58:22

Time On Btm: **2004.07.14 @ 18:48:07**

Time Off Btm: **2004.07.14 @ 18:53:22**

TEST COMMENT:

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2092.82	113.80	Initial Hydro-static
6	2024.02	119.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	Drig. Mud	2.81

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.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19036

DST#: 3

ATTN: Rich O'Donnell

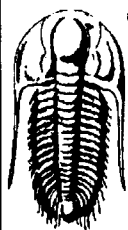
Test Start: 2004.07.14 @ 17:40:07

Tool Information

Drill Pipe:	Length: 3825.00 ft	Diameter: 3.80 inches	Volume: 53.65 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.80 inches	Volume: 2.16 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 55.81 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4121.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	68.00 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			4100.00	
Hydraulic tool	5.00			4105.00	
Jars	5.00			4110.00	
Safety Joint	2.00			4112.00	
Packer	4.00			4116.00	26.00 Bottom Of Top Packer
Packer	5.00			4121.00	
Stubb	1.00			4122.00	
Recorder	0.00	6798	Inside	4122.00	
Perforations	36.00			4158.00	
Recorder	0.00	13276	Outside	4158.00	
Bullnose	5.00			4163.00	42.00 Bottom Packers & Anchor

Total Tool Length: 68.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19036

DST#: 3

ATTN: Rich O'Donnell

Test Start: 2004.07.14 @ 17:40:07

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	Drig. Mud	2.808

Total Length: 330.00 ft

Total Volume: 2.808 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

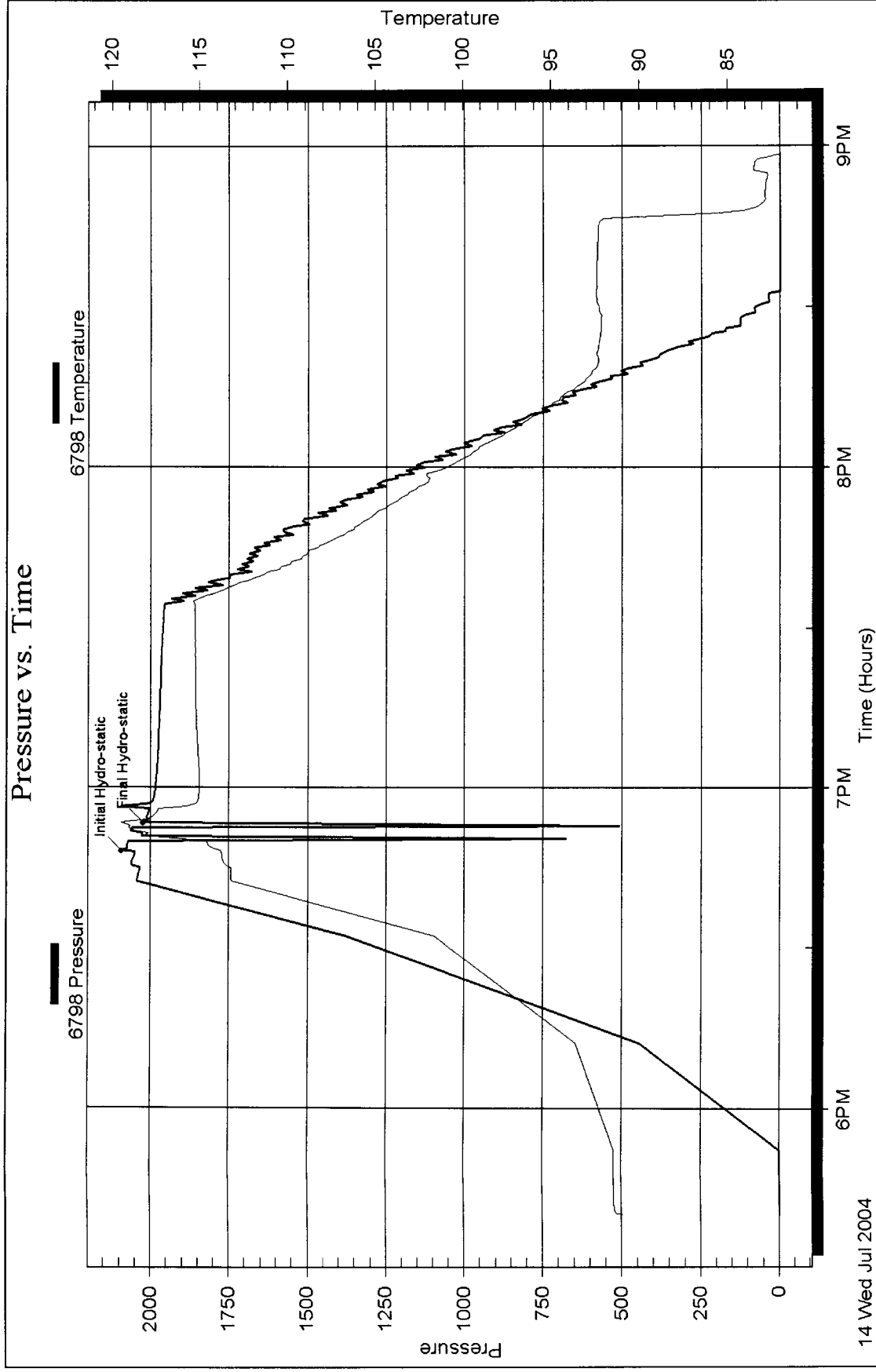
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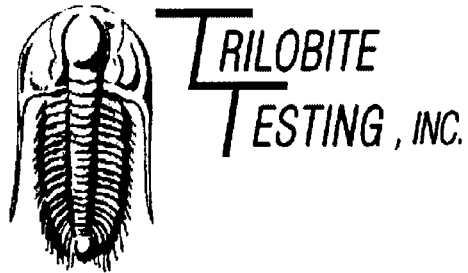
Serial #: 6798

Inside Carmen Schnitt Inc.

13-16S-28W Lane KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

13-16S-28W Lane KS

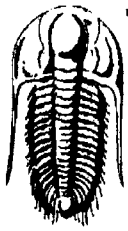
Bentley #3

Start Date: 2004.07.16 @ 09:48:39

End Date: 2004.07.16 @ 16:33:39

Job Ticket #: 19037 DST #: 4

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



**TRILOBITE
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DRILL STEM TEST REPORT

Carmen Schmitt Inc.

P. O. Box 47
Great Bend KS. 67530

ATTN: Rich O'Donnell

Bentley #3

13-16S-28W Lane KS

Job Ticket: 19037

DST#: 4

Test Start: 2004.07.16 @ 09:48:39

GENERAL INFORMATION:

Formation: **Ft Scott**

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

Time Tool Opened: 11:48:09

Time Test Ended: 16:33:39

Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Interval: **4390.00 ft (KB) To 4448.00 ft (KB) (TVD)**

Total Depth: **4448.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2687.00 ft (KB)**

2682.00 ft (CF)

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

Serial #: 6798

Inside

Press@RunDepth: **154.58 psig @ 4391.00 ft (KB)**

Start Date: **2004.07.16**

End Date:

2004.07.16

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **09:48:41**

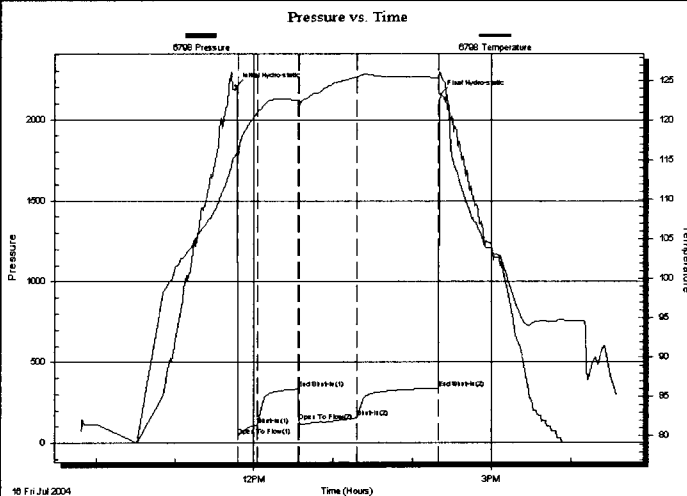
End Time:

16:33:39

Time On Btm: **2004.07.16 @ 11:46:24**

Time Off Btm: **2004.07.16 @ 14:21:09**

TEST COMMENT: IF; Fair to strong off btm in 5 mins
IS; Surface return built to 4" decreased to 1/2"
FF; Fair to strong off btm in 4 mins
FS; Surface return built to btm in 8 mins



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.41	115.94	Initial Hydro-static
2	45.38	115.10	Open To Flow (1)
17	110.78	121.09	Shut-In (1)
48	333.18	122.57	End Shut-In (1)
48	131.33	122.27	Open To Flow (2)
92	154.58	125.52	Shut-In (2)
153	337.99	125.43	End Shut-In (2)
155	2155.98	125.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	HGMCO 50% gas 40% oil 10% mud	2.95
	2265 GIP	

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.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19037

DST#: 4

ATTN: Rich O'Donnell

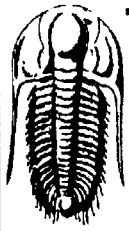
Test Start: 2004.07.16 @ 09:48:39

Tool Information

Drill Pipe:	Length: 4098.00 ft	Diameter: 3.80 inches	Volume: 57.48 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.80 inches	Volume: 2.16 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 59.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4390.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	84.00 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			4369.00	
Hydraulic tool	5.00			4374.00	
Jars	5.00			4379.00	
Safety Joint	2.00			4381.00	
Packer	4.00			4385.00	26.00 Bottom Of Top Packer
Packer	5.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	6798	Inside	4391.00	
Perforations	21.00			4412.00	
Anchor	31.00			4443.00	
Recorder	0.00	13276	Outside	4443.00	
Bullnose	5.00			4448.00	58.00 Bottom Packers & Anchor
Total Tool Length:		84.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Bentley #3

P. O. Box 47
Great Bend KS. 67530

13-16S-28W Lane KS

Job Ticket: 19037

DST#: 4

ATTN: Rich O'Donnell

Test Start: 2004.07.16 @ 09:48:39

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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
340.00	HGMCO 50%gas 40%oil 10%mud	2.948
	2265 GIP	

Total Length: 340.00 ft

Total Volume: 2.948 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

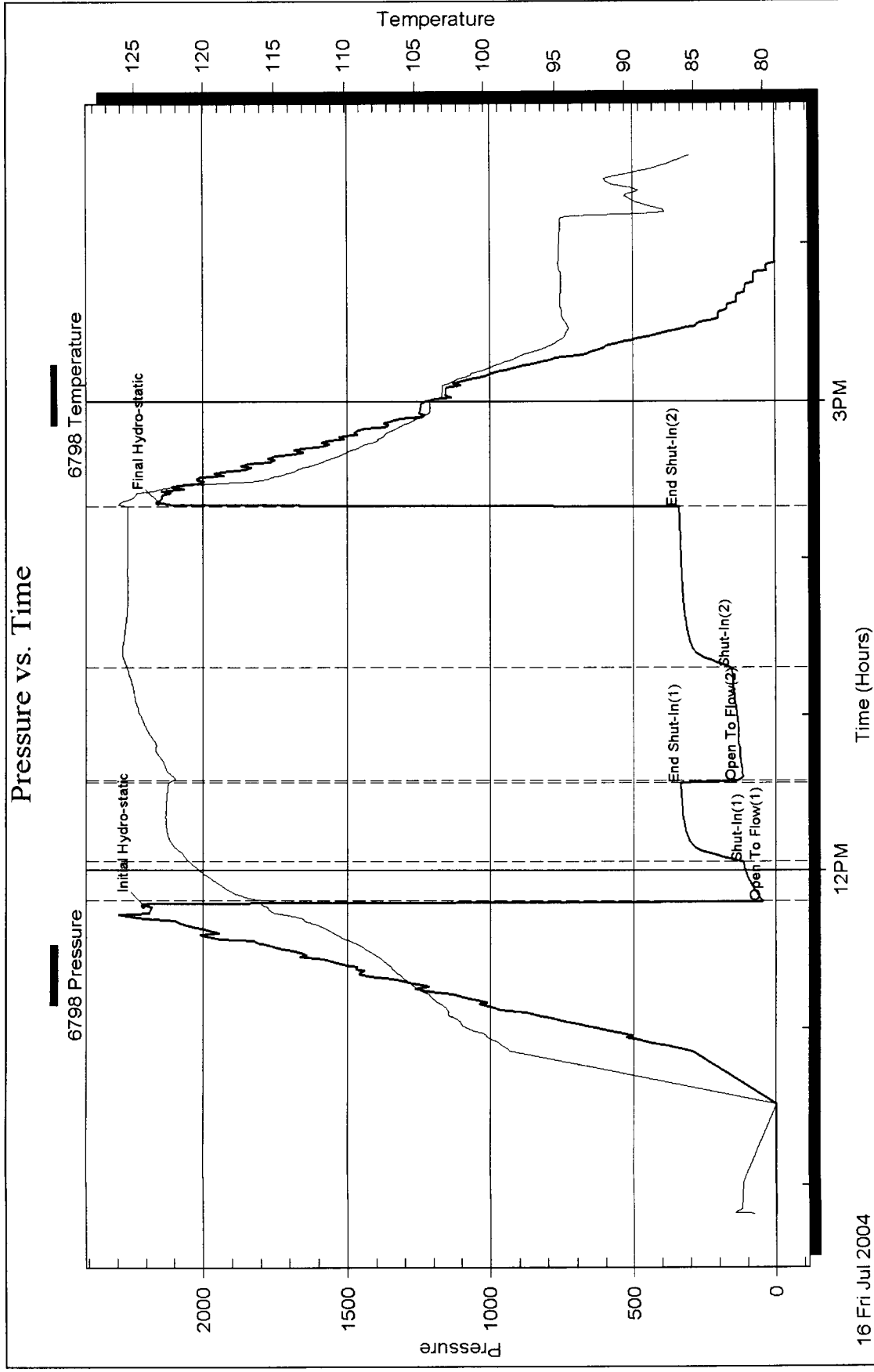
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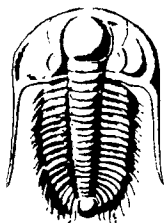
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19034

05/03

Test Ticket

Well Name & No. Bentley #3 Test No. 1 Date 7-13-04
 Company Carmin Schmitt Inc. Zone Tested LIKE '1'
 Address P.O. Box 47 Great Bend KS. 67530 Elevation 2687 KB 2682 GL
 Co. Rep / Geo. Rich O'Donnell Cont. Shields #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 13 Twp. 16^S Rge. 28^W Co. Lane State KS.
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4099 - 4134 Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 35' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4094 Tool Weight 2,000
 Bottom Packer Depth 4099 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4134 Wt. Pipe Run 284' 35" Drill Collar Run _____
 Mud Wt. 9.3 LCM 1/2" Vis. 50 WL B.B Drill Pipe Size 4 1/2" RH Ft. Run 37' 95'

Blow Description IF: Fair blow built to bttm in 12 mins.

ISI: Surface return built to 2 1/2".

FF: Fair blow built to bttm in 8 mins.

FSI: Surface return built to 10"

Recovery - Total Feet 520' GIP 1025' Ft. in ~~DP~~ WP 284' Ft. in DP 236'
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. 220' Feet of CGO 15 %gas 85 %oil _____ %water _____ %mud
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud
 Rec. 180' Feet of GOWCM 40 %gas 20 %oil 10 %water 30 %mud
 Rec. 120' Feet of Wtr. _____ %gas _____ %oil 100 %water _____ %mud
 BHT 125° 198' °F Gravity 38 °API D @ 70 °F Corrected Gravity 37 °API
 RW .30 @ 70° °F Chlorides 24,000 ppm Recovery _____ Chlorides 1,500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No.	6798	Test	
(B) First Initial Flow Pressure		2081 PSI	(depth)	4100	Elec. Rec.	X
(C) First Final Flow Pressure		123 PSI	Recorder No.	13276	Jars	X
(D) Initial Shut-In Pressure		1110 PSI	(depth)	4129	Safety Jt.	X
(E) Second Initial Flow Pressure		128 PSI	Recorder No.		Circ Sub	X N/C
(F) Second Final Flow Pressure		225 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		1110 PSI	Initial Opening	15	Straddle	
(Q) Final Hydrostatic Mud		1987 PSI	Initial Shut-In	30	Ext. Packer	
			Final Flow	45	Shale Packer	
			Final Shut-In	60	Mileage	1 way 43
			T-On Location	2030	Sub Total:	1323.10
			T-Started	2338	Std. By	
			T-Open	0107	Other	
			T-Pulled	0401	Total:	
			T-Out	0625		

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

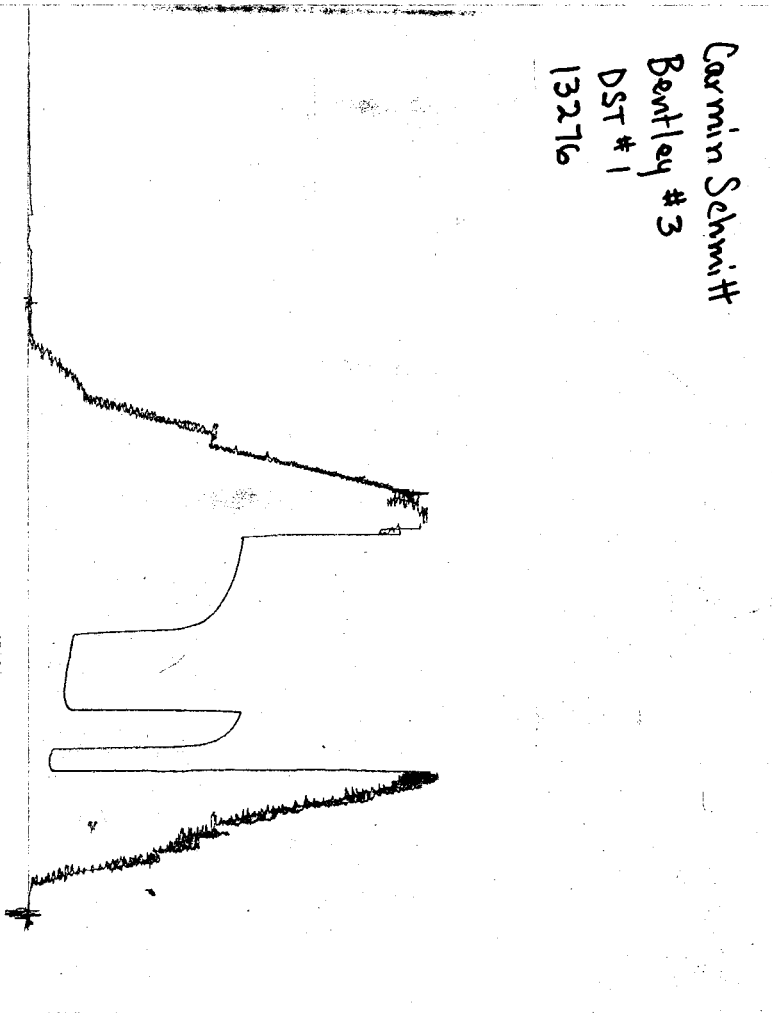
Approved By Rich O'Donnell

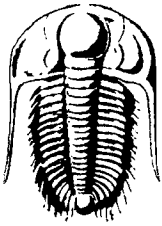
Our Representative Rod Steinbrink

CHART PAGE

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

Carmin Schmitt
Bentley #3
DST #1
13276





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19035

05/03

Test Ticket

Well Name & No.	Bentley #3	Test No.	2	Date	7-14-04
Company	Carmin Schmitt Inc.	Zone Tested	Like 'J'		
Address	P.O. Box 47 Great Bend KS. 67530	Elevation	2687	KB	2682 GL
Co. Rep / Geo.	Rich O'Donnell	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	13	Twp.	16 ^S	Rge.	28 ^W
		Co.	Lane	State	KS.
No. of Copies	Disbtribution Sheet (Y, N)	Turnkey (Y, N)	Evaluation (Y, N)		

Interval Tested	4134 - 4162	Initial Str Wt./Lbs.	54,000	Unseated Str Wt./Lbs.	54,000
Anchor Length	28'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	60,000
Top Packer Depth	4129	Tool Weight	2,000		
Bottom Packer Depth	4134	Hole Size	7 7/8"	Rubber Size	6 3/4"
Total Depth	4162	Wt. Pipe Run	284'	Drill Collar Run	—
Mud Wt.	9.2	LCM	Vis.	49	WL
					8.0
Drill Pipe Size	4 1/2" FH	Ft. Run	3855'		
Blow Description	IF: Packer seat failed - reset and failed again - TOH				

FF:

Recovery - Total Feet	300'	GIP		Ft. in DEWP	284'	Ft. in DP	
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.	300'	Feet of	Drig. Mud	%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	116°	°F Gravity		°API D @		°F Corrected Gravity	
RW		@		°F	Chlorides	ppm Recovery	Chlorides
					1,800	ppm System	

(A) Initial Hydrostatic Mud	2087	PSI	Recorder No.	6798	Test	Misrun
(B) First Initial Flow Pressure		PSI	(depth)	4135	Elec. Rec.	X
(C) First Final Flow Pressure		PSI	Recorder No.	13276	Jars	X
(D) Initial Shut-In Pressure		PSI	(depth)	4157	Safety Jt.	X
(E) Second Initial Flow Pressure		PSI	Recorder No.		Circ Sub	X n/c
(F) Second Final Flow Pressure		PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		PSI	Initial Opening		Straddle	
(Q) Final Hydrostatic Mud	2053	PSI	Initial Shut-In		Ext. Packer	

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Approved By *[Signature]*

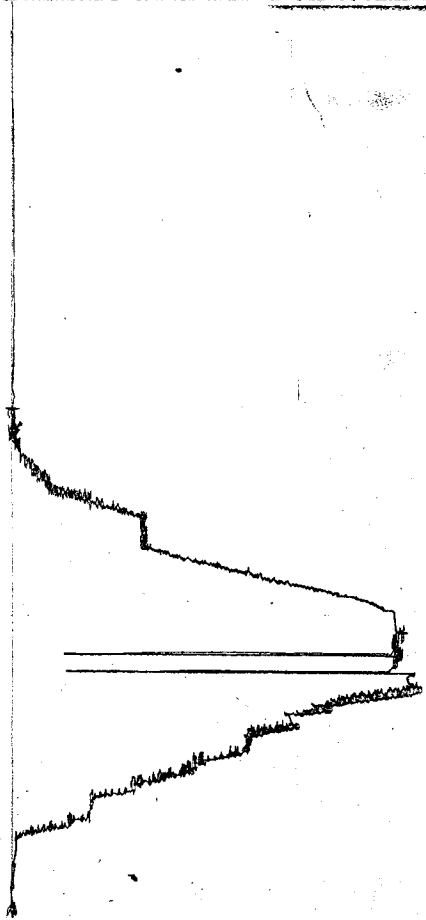
Our Representative Rod Steinbrink

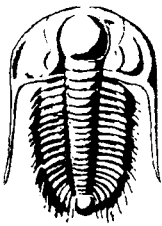
Final Flow		Shale Packer	
Final Shut-In		Mileage	1 way 43
T-On Location	1315	Sub Total:	973.10
T-Started	1347	Std. By	
T-Open	1530	Other	
T-Pulled	1535	Total:	
T-Out	1729		

CHART PAGE

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

Cosmin Schmitt
Bentley #3
DST #2 Misrun
13276





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19036

05/03

Test Ticket

Well Name & No.	Bentley #3	Test No.	3	Date	7-14-04
Company	Carmin Schmitt Inc.	Zone Tested	L/KC 'J'		
Address	P.O. Box 47 Great Bend KS. 67530	Elevation	2687	KB	2682 GL
Co. Rep / Geo.	Rich O'Donnell	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	13	Twp.	16 ^s	Rge.	28 ^w Co. Lane State KS.
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	Evaluation (Y, N)

Interval Tested	4121 - 4162	Initial Str Wt./Lbs.	54,000	Unseated Str Wt./Lbs.	54,000
Anchor Length	41'	Wt. Set Lbs.	25,000	Wt. Pulled Loose/Lbs.	60,000
Top Packer Depth	4116	Tool Weight	2,000		
Bottom Packer Depth	4121	Hole Size 7 7/8"		Rubber Size 6 3/4"	
Total Depth	4162	Wt. Pipe Run	284'	Drill Collar Run	—
Mud Wt.	9.2	LCM		Vis.	49
		WL	8.0	Drill Pipe Size	4 1/2" FH
Blow Description	1F: Packer seat failed - reset and failed again TOH				

Recovery - Total Feet	330	GIP	—	Ft. in DP WP	284'	Ft. in DP	46'
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.	330'	Feet of	Drig. Mud	%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	118°	°F Gravity		°API D @		°F Corrected Gravity	°API
RW	@	°F		Chlorides	ppm	Recovery	Chlorides 1,800 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	2092	PSI	Recorder No.	6798	Test Misrun
(B) First Initial Flow Pressure		PSI	(depth)	4122	Elec. Rec. X
(C) First Final Flow Pressure		PSI	Recorder No.	13276	Jars X
(D) Initial Shut-In Pressure		PSI	(depth)	4157	Safety Jt. X
(E) Second Initial Flow Pressure		PSI	Recorder No.		Circ Sub X N/C
(F) Second Final Flow Pressure		PSI	(depth)		Sampler
(G) Final Shut-In Pressure		PSI	Initial Opening		Straddle
(Q) Final Hydrostatic Mud	2024	PSI	Initial Shut-In		Ext. Packer

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Approved By Rod Steinbrink

Our Representative Rod Steinbrink

Final Flow		Shale Packer	
Final Shut-In		Mileage	NC
T-On Location		Sub Total:	900
T-Started	1740	Std. By	
T-Open	1848	Other	
T-Pulled	1853	Total:	
T-Out	2058		

CHART PAGE

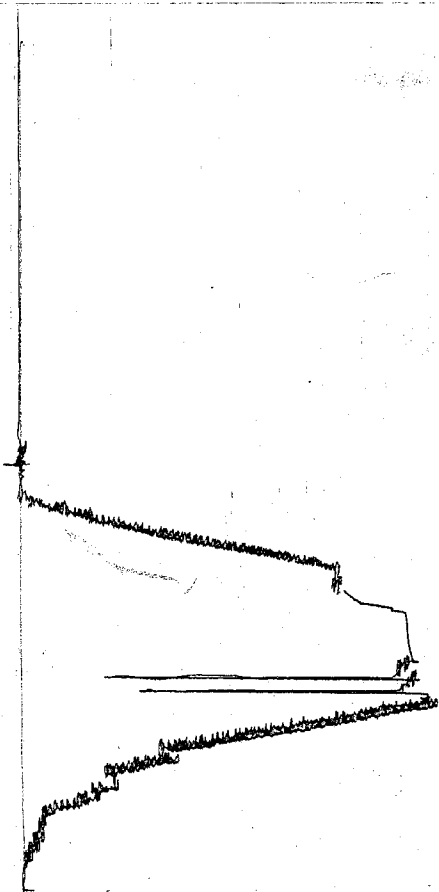
This is a photocopy of the actual AK-1 recorder chart

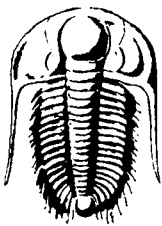
Carmin Schmitt

Bentley #3

DST #3 Misrun

13276





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19037

05/03

Test Ticket

Well Name & No.	Bentley #3	Test No.	4	Date	7-16-04
Company	Carmin Schmitt, Inc.	Zone Tested	Ft. Scott		
Address	P.O. Box 47 Great Bend, KS. 67530	Elevation	2687	KB	2682 GL
Co. Rep / Geo.	Rich O'Donnell	Cont.	Shields #1	Est. Ft. of Pay	Por. %
Location: Sec.	13	Twp.	16 ^S	Rge.	28 ^W
		Co.	Lane	State	KS.
No. of Copies		Distribution Sheet (Y, N)		Turnkey (Y, N)	Evaluation (Y, N)

Interval Tested	4390 - 4448	Initial Str Wt./Lbs.	56,000	Unseated Str Wt./Lbs.	58,000
Anchor Length	58'	Wt. Set Lbs.	25,000	Wt. Pulled Loose/Lbs.	60,000
Top Packer Depth	4385	Tool Weight	2,500		
Bottom Packer Depth	4390	Hole Size 7 7/8"		Rubber Size 6 3/4"	
Total Depth	4448	Wt. Pipe Run	284'	Drill Collar Run	
Mud Wt.	9.3	LCM	1#	Vis.	55
		WL	8.8	Drill Pipe Size	4 1/2" FH
				Ft. Run	4098'

Blow Description IF: Fair to strong off btm 5 mins.
ISI: Surface return built to 4" decreased to 1/2"
FF: Fair to strong off btm 4 mins.
FSI: Surface return built to btm 8 mins.

Recovery - Total Feet	340'	GIP	2265'	Ft. in DP WP	284'	Ft. in DP	56'
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.	340'	Feet of	HGMCO	50	%gas	40	%oil
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	125°	°F Gravity		°API D @		°F Corrected Gravity	
RW		@		°F	Chlorides	ppm Recovery	Chlorides 2,500 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	2208	PSI	Recorder No.	6798	Test	
(B) First Initial Flow Pressure			45	PSI	(depth)	4391	Elec. Rec.	X
(C) First Final Flow Pressure			110	PSI	Recorder No.	13276	Jars	X
(D) Initial Shut-In Pressure			333	PSI	(depth)	4443	Safety Jt.	X
(E) Second Initial Flow Pressure			131	PSI	Recorder No.		Circ Sub	X N/C
(F) Second Final Flow Pressure			154	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			337	PSI	Initial Opening	15	Straddle	
(Q) Final Hydrostatic Mud			2255	PSI	Initial Shut-In	30	Ext. Packer	

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Approved By Rich O'Donnell

Our Representative Rod Steinbrink

Final Flow	45	Shale Packer	
Final Shut-In	60	Mileage	1 way 43
T-On Location	0930	Sub Total:	1323.10
T-Started	0948	Std. By	
T-Open	1148	Other	
T-Pulled	1419	Total:	
T-Out	1633		

CHART PAGE

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

Carmin Schmitt
Bentley #3
DST #4
13276

