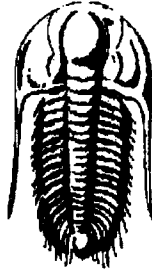


15-101-21953

14-17s-30w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

KCC
JAN 29 2007
CONFIDENTIAL

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.05 @ 04:12:57

End Date: 2006.10.05 @ 10:56:40

Job Ticket #: 26564 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

Goertz #1

14 17S 30W Lane KS

DST # 1

Lansing/ A,B,C

2006.10.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

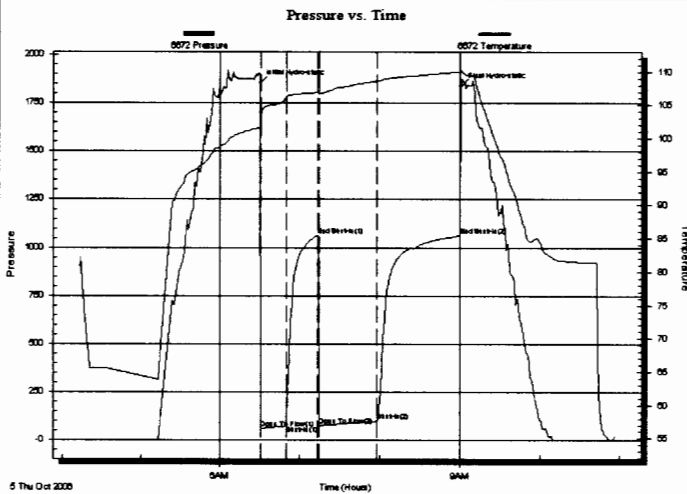
Goertz #1
14 17S 30W Lane KS
Job Ticket: 26564 **DST#: 1**
Test Start: 2006.10.05 @ 04:12:57

GENERAL INFORMATION:

Formation: **Lansing/ A,B,C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:30:10
Time Test Ended: 10:56:40
Interval: **3941.00 ft (KB) To 4018.00 ft (KB) (TVD)**
Total Depth: 4018.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Michael Shinn
Unit No: 2
Reference Elevations: 2852.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
Press@RunDepth: 98.70 psig @ 3941.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.10.05 End Date: 2006.10.05 Last Calib.: 2006.10.05
Start Time: 04:12:57 End Time: 10:56:40 Time On Btm: 2006.10.05 @ 06:29:55
Time Off Btm: 2006.10.05 @ 09:00:40

TEST COMMENT: IF Return blow to 4 in
IS No return
IF Weak surface blow
ISI No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1852.51	101.68	Initial Hydro-static
1	59.83	101.86	Open To Flow (1)
20	72.89	106.23	Shut-In(1)
44	1064.16	106.90	End Shut-In(1)
45	74.82	106.67	Open To Flow (2)
89	98.70	108.62	Shut-In(2)
151	1062.52	110.01	End Shut-In(2)
151	1838.23	110.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	Mud 100%M	1.66

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 26564 **DST#: 1**
 Test Start: 2006.10.05 @ 04:12:57

Tool Information

Drill Pipe:	Length: 3610.00 ft	Diameter: 3.80 inches	Volume: 50.64 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 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: 52.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3941.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	104.00 ft			
Number of Packers:	1	Diameter: inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3919.00	
Hydraulic tool	5.00			3924.00	
Jars	5.00			3929.00	
Safety Joint	2.00			3931.00	
Packer	5.00			3936.00	27.00 Bottom Of Top Packer
Packer	5.00			3941.00	
Recorder	0.00	6672	Inside	3941.00	
Drill Pipe	62.00			4003.00	
Perforations	10.00			4013.00	
Recorder	0.00	11020	Inside	4013.00	
Bullnose	5.00			4018.00	77.00 Bottom Packers & Anchor

Total Tool Length: 104.00



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 26564 **DST#: 1**
Test Start: 2006.10.05 @ 04:12:57

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: 10.45 in ³	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	1.665

Total Length: 320.00 ft Total Volume: 1.665 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6672

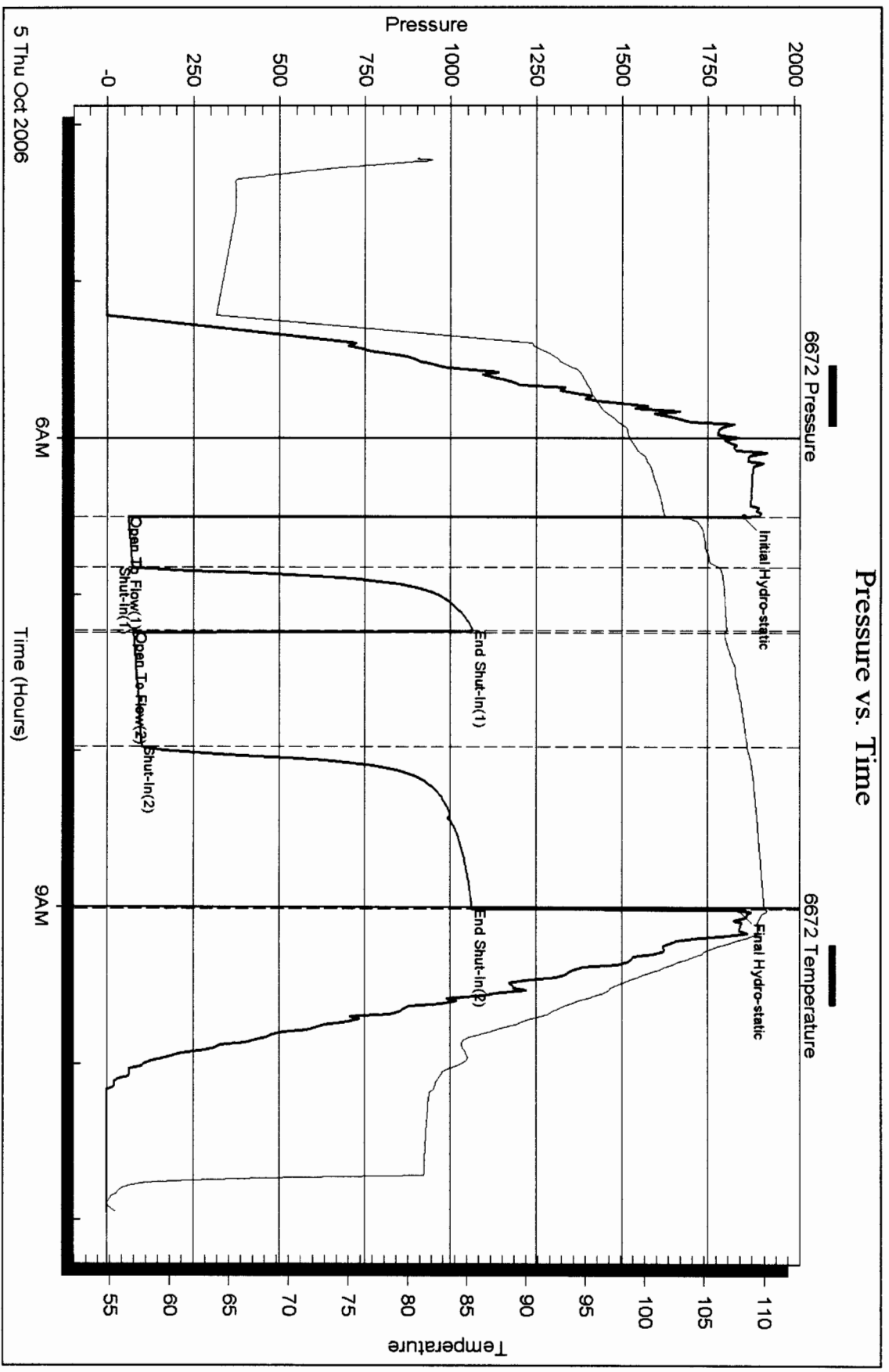
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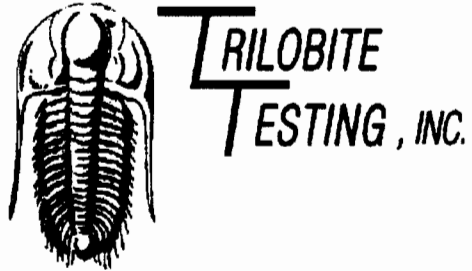
Carmen Schmitt Inc

14 17S 30W Lane KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.06 @ 02:41:43

End Date: 2006.10.06 @ 08:40:56

Job Ticket #: 26565 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

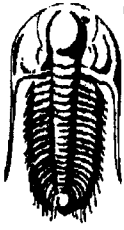
Goertz #1

14 17S 30W Lane KS

DST # 2

Lansing/ G.H

2006.10.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

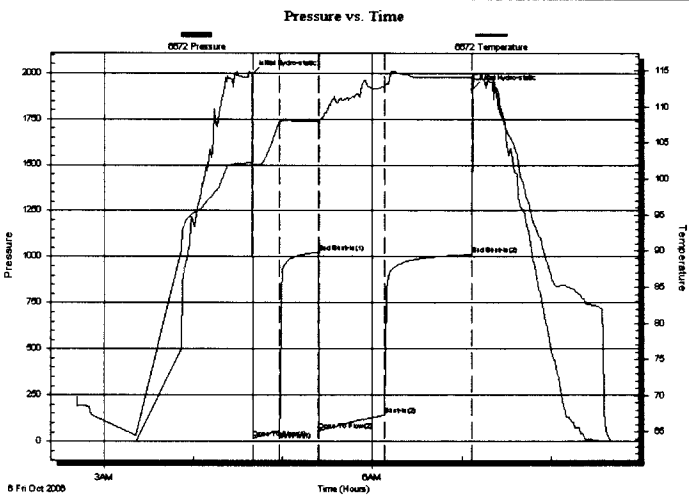
Goertz #1
14 17S 30W Lane KS
 Job Ticket: 26565 **DST#: 2**
 Test Start: 2006.10.06 @ 02:41:43

GENERAL INFORMATION:

Formation: **Lansing/ G.H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:39:56
 Time Test Ended: 08:40:56
 Interval: **4102.00 ft (KB) To 4150.00 ft (KB) (TVD)**
 Total Depth: 4150.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Michael Shinn
 Unit No: 2
 Reference Elevations: 2852.00 ft (KB)
 2847.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 142.00 psig @ 4102.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.10.06 End Date: 2006.10.06 Last Calib.: 2006.10.06
 Start Time: 02:41:43 End Time: 08:40:56 Time On Btm: 2006.10.06 @ 04:39:41
 Time Off Btm: 2006.10.06 @ 07:06:56

TEST COMMENT: IF Return blow to 3 1/4 in.
 IS No return
 FF Return blow to 5 1/4 in
 ISI No return



PRESSURE SUMMARY

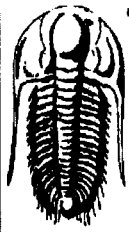
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1994.91	102.28	Initial Hydro-static
1	16.37	101.87	Open To Flow (1)
19	55.46	107.99	Shut-In(1)
44	1024.93	108.02	End Shut-In(1)
45	57.67	107.79	Open To Flow (2)
89	142.00	112.87	Shut-In(2)
147	1011.96	114.16	End Shut-In(2)
148	1913.37	114.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	Mud 100%M	1.23

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 26565 **DST#: 2**
 Test Start: 2006.10.06 @ 02:41:43

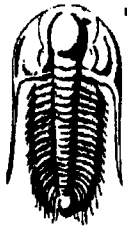
Tool Information

Drill Pipe:	Length: 3796.00 ft	Diameter: 3.80 inches	Volume: 53.25 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 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
			<u>Total Volume: 54.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4102.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	1	Diameter: inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4080.00	
Hydraulic tool	5.00			4085.00	
Jars	5.00			4090.00	
Safety Joint	2.00			4092.00	
Packer	5.00			4097.00	27.00 Bottom Of Top Packer
Packer	5.00			4102.00	
Recorder	0.00	6672	Inside	4102.00	
Drill Pipe	31.00			4133.00	
Perforations	12.00			4145.00	
Recorder	0.00	11020	Inside	4145.00	
Bullnose	5.00			4150.00	48.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc
PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

Goertz #1
14 17S 30W Lane KS
Job Ticket: 26565 **DST#: 2**
Test Start: 2006.10.06 @ 02:41:43

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.94 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	Mud 100%M	1.229

Total Length: 250.00 ft Total Volume: 1.229 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6672

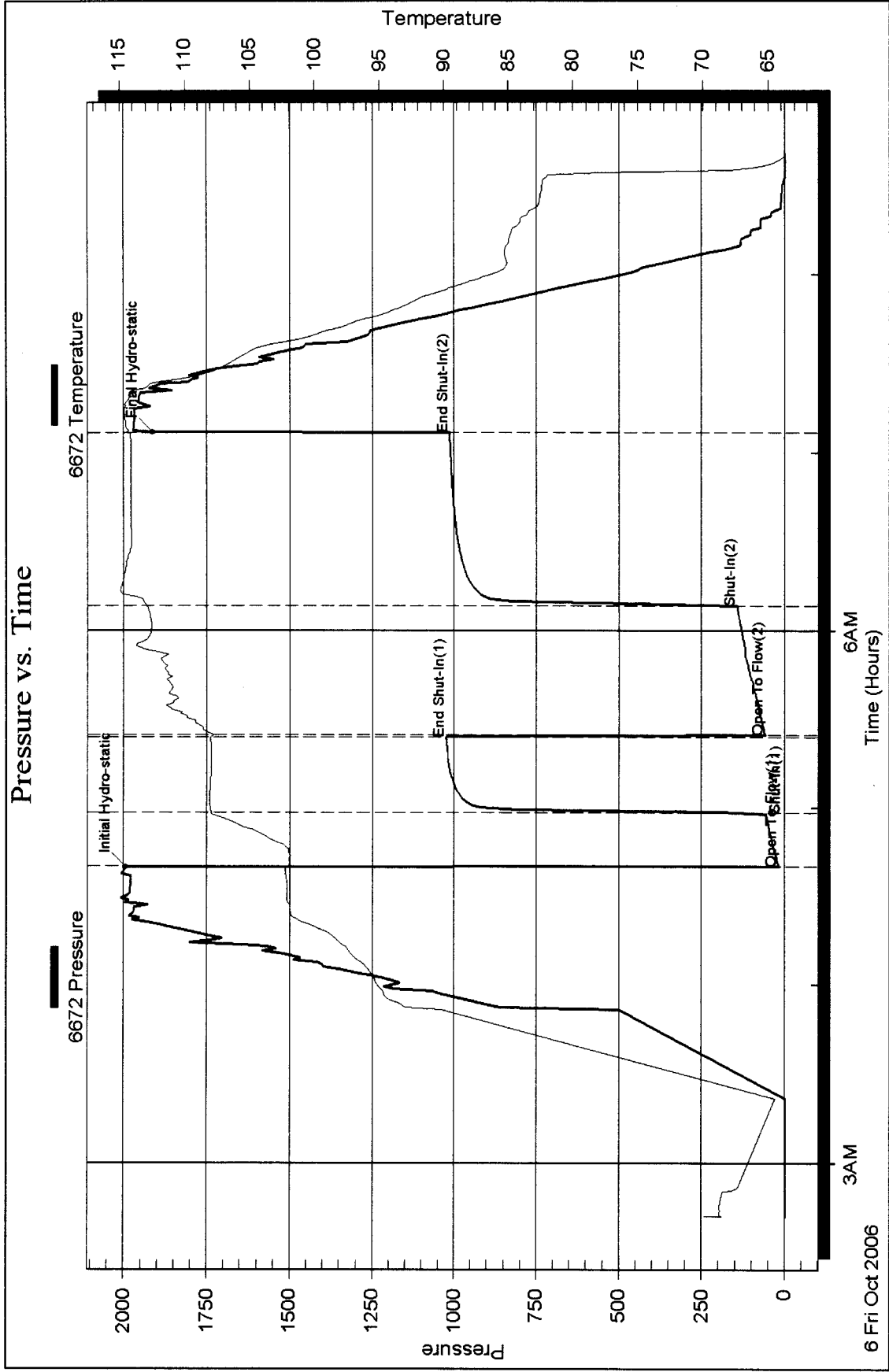
Inside

Carmen Schmitt Inc

14 17S 30W Lane KS

DST Test Number: 2

Pressure vs. Time

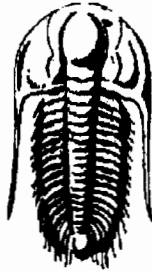


6 Fri Oct 2006

3AM

6AM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.06 @ 16:52:28

End Date: 2006.10.06 @ 21:01:11

Job Ticket #: 26566 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

Goertz #1

14 17S 30W Lane KS

DST # 3

Lansing/I

2006.10.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

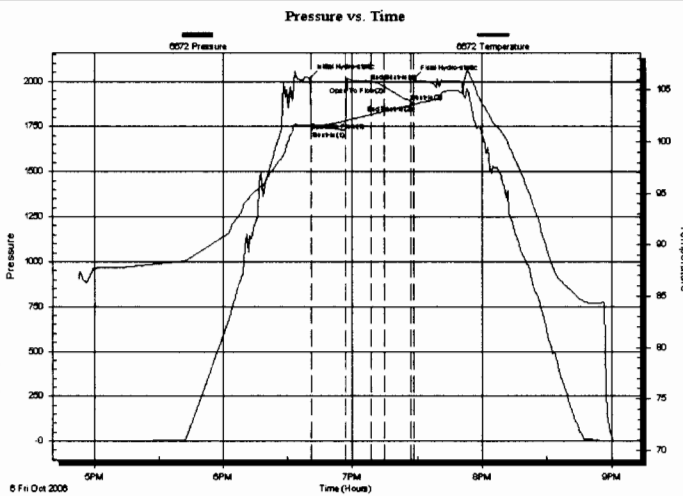
Goertz #1
14 17S 30W Lane KS
 Job Ticket: 26566 **DST#: 3**
 Test Start: 2006.10.06 @ 16:52:28

GENERAL INFORMATION:

Formation: **Lansing/I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:40:56
 Time Test Ended: 21:01:11
 Interval: **4143.00 ft (KB) To 4180.00 ft (KB) (TVD)**
 Total Depth: 4180.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Mchael Shinn
 Unit No: 2
 Reference Elevations: 2852.00 ft (KB)
 2847.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 1887.31 psig @ 4143.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.10.06 End Date: 2006.10.06 Last Calib.: 2006.10.06
 Start Time: 16:52:28 End Time: 21:01:11 Time On Btm: 2006.10.06 @ 18:40:41
 Time Off Btm: 2006.10.06 @ 19:28:26

TEST COMMENT: IF No return blow
 IS No blow
 FF No return blow
 ISI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.23	101.61	Initial Hydro-static
1	1728.20	101.57	Open To Flow (1)
16	1728.34	101.99	Shut-In (1)
28	1999.66	102.61	End Shut-In (1)
34	1972.31	102.93	Open To Flow (2)
47	1887.31	103.54	Shut-In (2)
48	1871.30	103.59	End Shut-In (2)
48	2013.57	103.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 26566 **DST#: 3**
 Test Start: 2006.10.06 @ 16:52:28

Tool Information

Drill Pipe:	Length: 3825.00 ft	Diameter: 3.80 inches	Volume: 53.65 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 310.00 ft	Diameter: 2.25 inches	Volume: 1.52 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: 56000.00 lb
			<u>Total Volume: 55.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4143.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	1	Diameter: inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4121.00	
Hydraulic tool	5.00			4126.00	
Jars	5.00			4131.00	
Safety Joint	2.00			4133.00	
Packer	5.00			4138.00	27.00 Bottom Of Top Packer
Packer	5.00			4143.00	
Recorder	0.00	6672	Inside	4143.00	
Drill Pipe	31.00			4174.00	
Perforations	1.00			4175.00	
Recorder	0.00	11020	Inside	4175.00	
Bullnose	5.00			4180.00	37.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 26566 **DST#: 3**
Test Start: 2006.10.06 @ 16:52:28

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

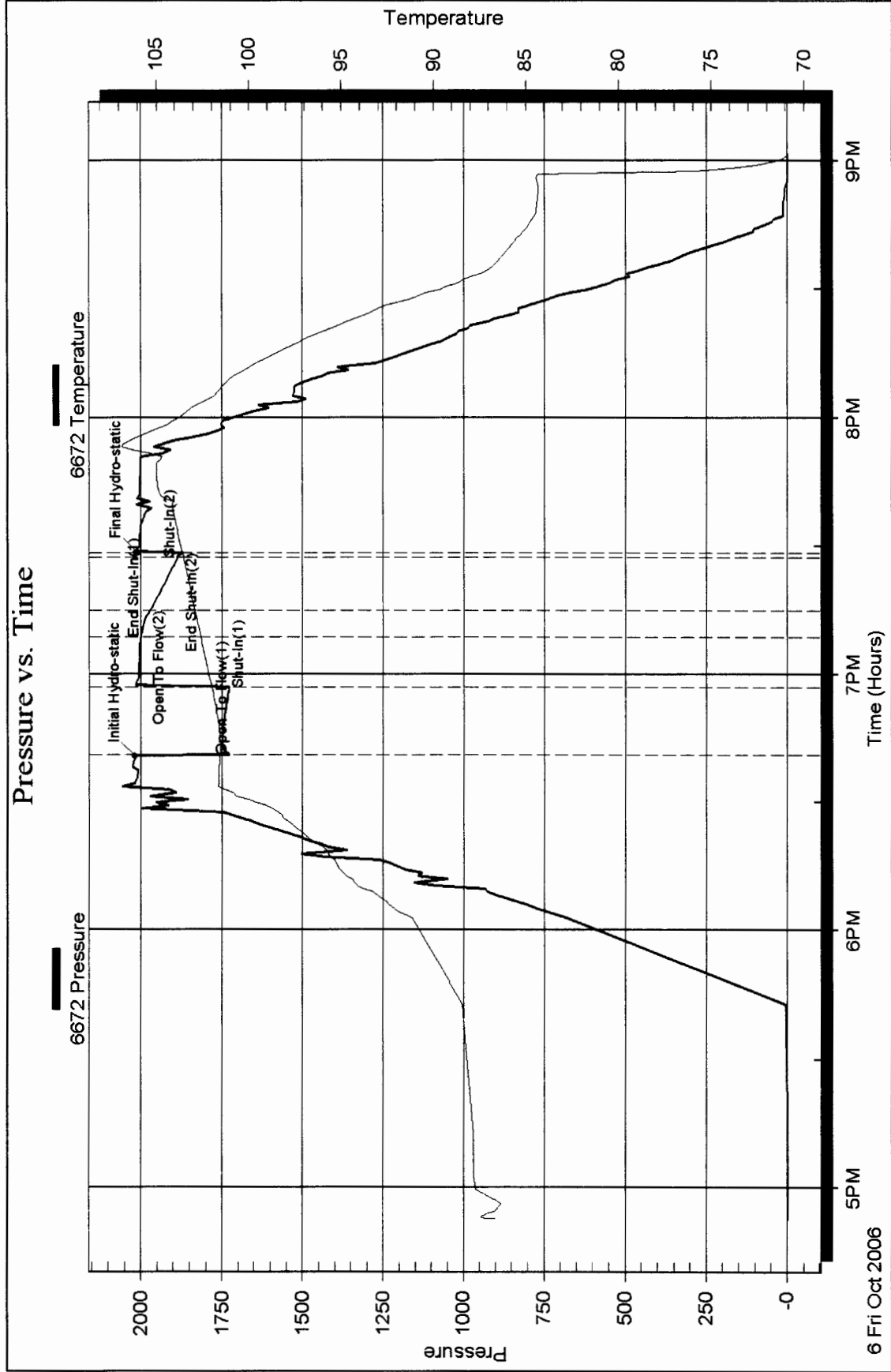
Recovery Information

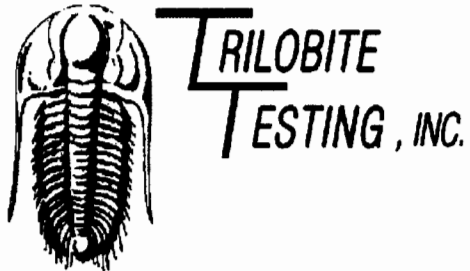
Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length: ft Total Volume: bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.07 @ 06:30:53

End Date: 2006.10.07 @ 14:00:17

Job Ticket #: 25564 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

Goertz #1

14 17S 30W Lane KS

DST # 4

G-H-I-J

2006.10.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

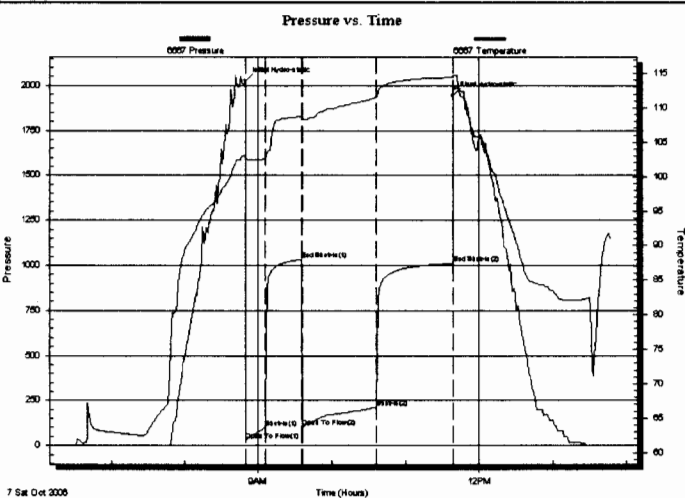
Goertz #1
14 17S 30W Lane KS
Job Ticket: 25564 **DST#: 4**
Test Start: 2006.10.07 @ 06:30:53

GENERAL INFORMATION:

Formation: **G-H-I-J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:50:03
Time Test Ended: 14:00:17
Interval: **4102.00 ft (KB) To 4212.00 ft (KB) (TVD)**
Total Depth: 4212.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Reference Elevations: 2852.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
Press@RunDepth: 211.92 psig @ 4103.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.10.07 End Date: 2006.10.07 Last Calib.: 2006.10.07
Start Time: 06:30:53 End Time: 13:47:17 Time On Btm: 2006.10.07 @ 08:49:48
Time Off Btm: 2006.10.07 @ 11:38:47

TEST COMMENT: 1" @ open built to 4 1/4 "
No return
1/4 " @ open BOB in 44 min.
Return blow in 4 min built to 1/2 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2027.09	103.08	Initial Hydro-static
1	27.25	102.62	Open To Flow (1)
17	99.00	102.67	Shut-In(1)
46	1033.19	108.75	End Shut-In(1)
47	103.21	108.45	Open To Flow (2)
107	211.92	111.49	Shut-In(2)
169	1010.74	114.42	End Shut-In(2)
169	1944.82	114.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	MCW 15%M 85%W w/Oil scum	0.91
124.00	SO & GCMW 5%G 5%O 45%M 45%W	0.61
94.00	GO & WCM 10%G 20%O 5%W 65%M	1.29
5.00	Free Oil 100%O	0.07

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 25564 **DST#: 4**
Test Start: 2006.10.07 @ 06:30:53

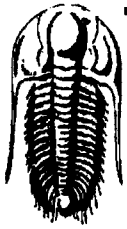
Tool Information

Drill Pipe:	Length: 3793.00 ft	Diameter: 3.80 inches	Volume: 53.21 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 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: 54.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4102.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	110.00 ft			
Tool Length:	137.00 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			4076.00	
Shut In Tool	5.00			4081.00	
Hydraulic tool	5.00			4086.00	
Jars	5.00			4091.00	
Safety Joint	2.00			4093.00	
Packer	5.00		Fluid	4098.00	27.00 Bottom Of Top Packer
Packer	4.00			4102.00	
Stubb	1.00			4103.00	
Recorder	0.00	6667	Inside	4103.00	
Perforations	10.00			4113.00	
Drill Pipe	94.00			4207.00	
Recorder	0.00	11058	Inside	4207.00	
Bullnose	5.00			4212.00	110.00 Bottom Packers & Anchor

Total Tool Length: 137.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 25564 **DST#: 4**
 Test Start: 2006.10.07 @ 06:30:53

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 33 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 42500 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.15 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

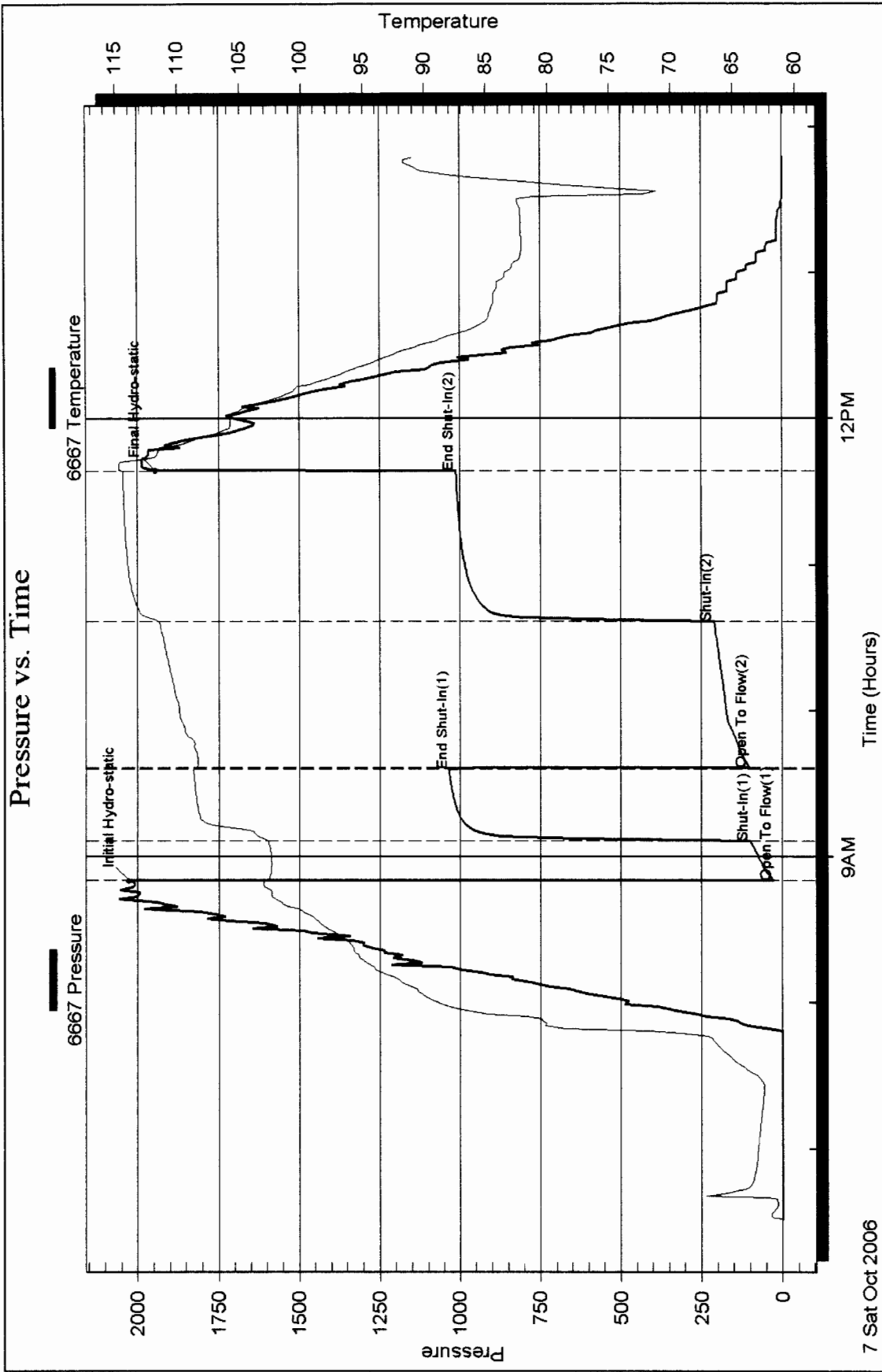
Recovery Information

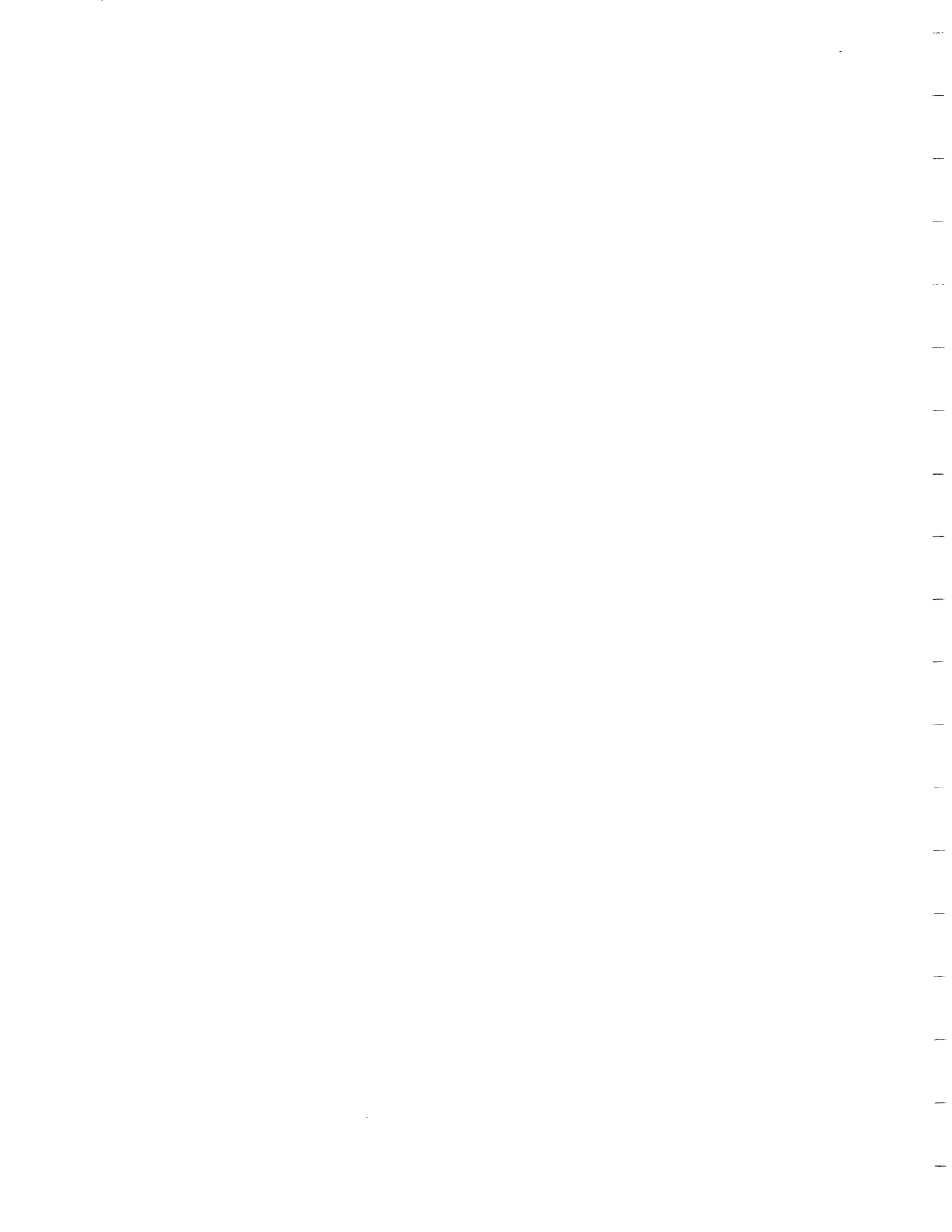
Recovery Table

Length ft	Description	Volume bbl
186.00	MCW 15%M 85%W w/Oil scum	0.915
124.00	SO & GCMW 5%G 5%O 45%M 45%W	0.610
94.00	GO & WCM 10%G 20%O 5%W 65%M	1.291
5.00	Free Oil 100%O	0.070

Total Length: 409.00 ft Total Volume: 2.886 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw .138 @ 85°F = 42,500 chlor

Pressure vs. Time







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.07 @ 01:15:28

End Date: 2006.10.07 @ 08:35:07

Job Ticket #: 25565 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

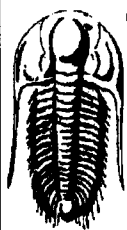
Goertz #1

14 17S 30W Lane KS

DST # 5

KC L

2006.10.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

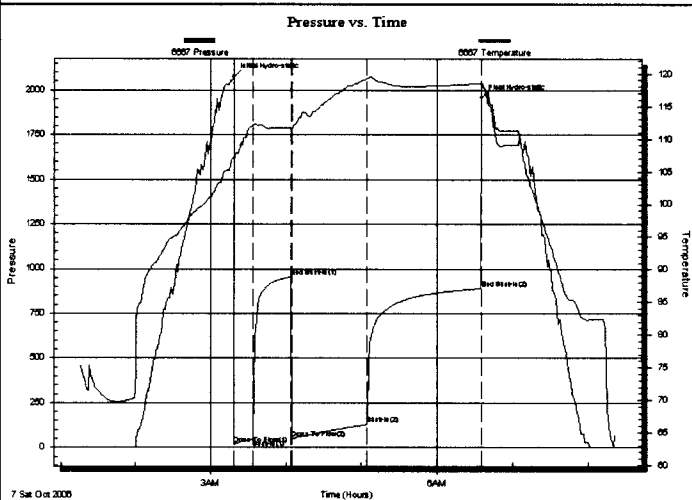
Goertz #1
14 17S 30W Lane KS
 Job Ticket: 25565 **DST#: 5**
 Test Start: 2006.10.07 @ 01:15:28

GENERAL INFORMATION:

Formation: **KC L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:18:38
 Time Test Ended: 08:35:07
 Interval: **4237.00 ft (KB) To 4273.00 ft (KB) (TVD)**
 Total Depth: 4273.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 25
 Reference Elevations: 2852.00 ft (KB)
 2847.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 **Inside**
 Press@RunDepth: 129.30 psig @ 4238.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.10.07 End Date: 2006.10.07 Last Calib.: 2006.10.08
 Start Time: 01:15:28 End Time: 08:22:07 Time On Btm: 2006.10.07 @ 03:18:23
 Time Off Btm: 2006.10.07 @ 06:35:07

TEST COMMENT: 1/4 " @ open built to 1 3/4 "
 No return
 Surface blow in 2 min built to 5 "
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2074.78	107.36	Initial Hydro-static
1	15.34	106.21	Open To Flow (1)
16	46.22	112.12	Shut-In(1)
46	954.91	111.78	End Shut-In(1)
47	49.32	111.63	Open To Flow(2)
106	129.30	119.29	Shut-In(2)
197	889.35	118.51	End Shut-In(2)
197	1958.16	118.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCW 40%M 60%W	0.44
150.00	Water 100%W	0.74

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 25565 **DST#: 5**
 Test Start: 2006.10.07 @ 01:15:28

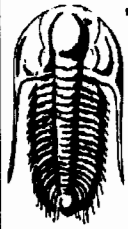
Tool Information

Drill Pipe:	Length: 3917.00 ft	Diameter: 3.80 inches	Volume: 54.95 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 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: 65000.00 lb
			<u>Total Volume: 56.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4237.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 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
Change Over Sub	1.00			4211.00	
Shut In Tool	5.00			4216.00	
Hydraulic tool	5.00			4221.00	
Jars	5.00			4226.00	
Safety Joint	2.00			4228.00	
Packer	5.00		Fluid	4233.00	27.00 Bottom Of Top Packer
Packer	4.00			4237.00	
Stubb	1.00			4238.00	
Recorder	0.00	6667	Inside	4238.00	
Perforations	30.00			4268.00	
Recorder	0.00	11058	Inside	4268.00	
Bullnose	5.00			4273.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 25565 **DST#: 5**
Test Start: 2006.10.07 @ 01:15:28

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 47000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.14 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MCW 40%M 60%W	0.443
150.00	Water 100%W	0.738

Total Length: 240.00 ft Total Volume: 1.181 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6667

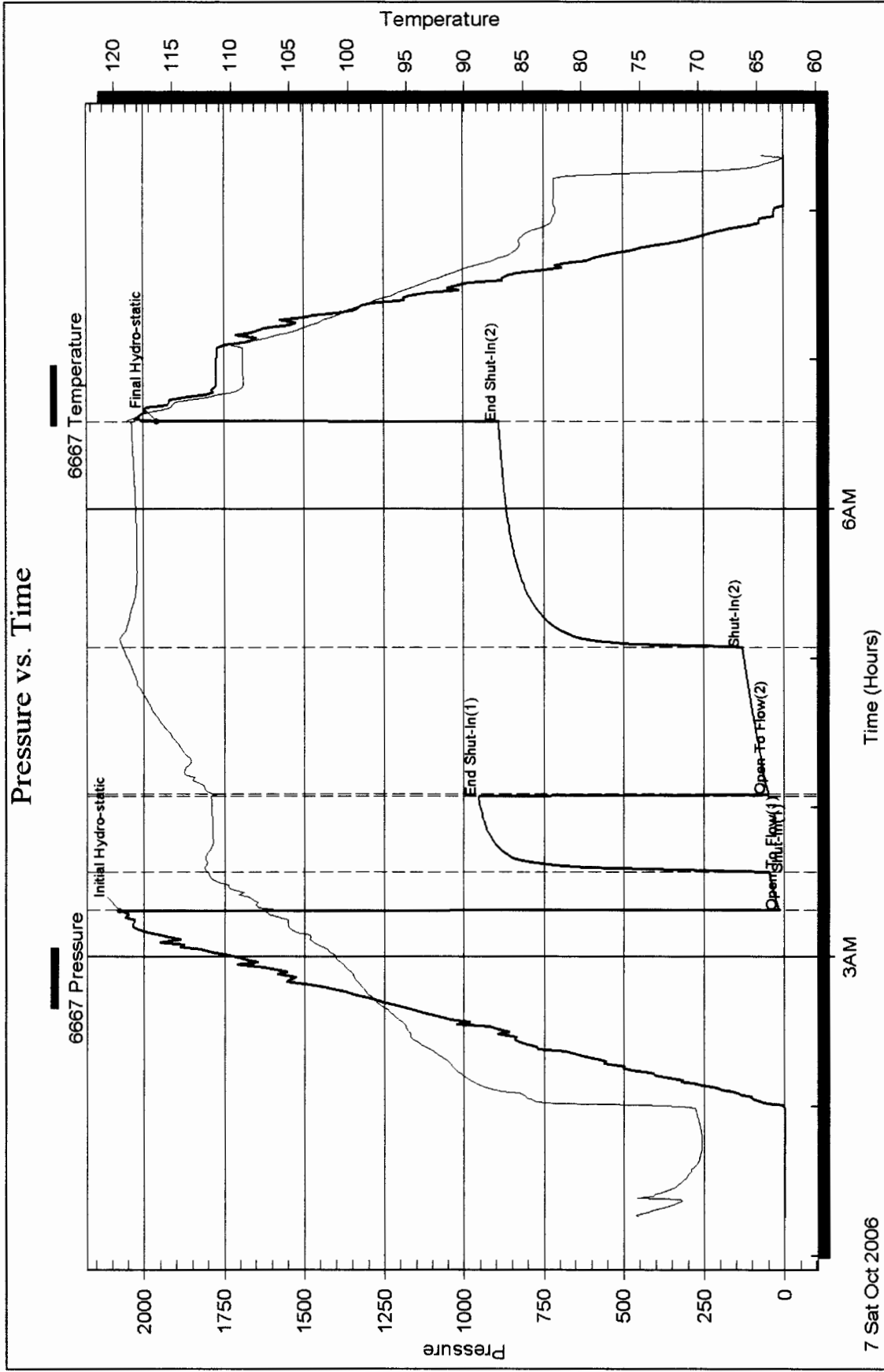
Inside

Carmen Schmitt Inc

14 17S30W Lane KS

DST Test Number: 5

Pressure vs. Time

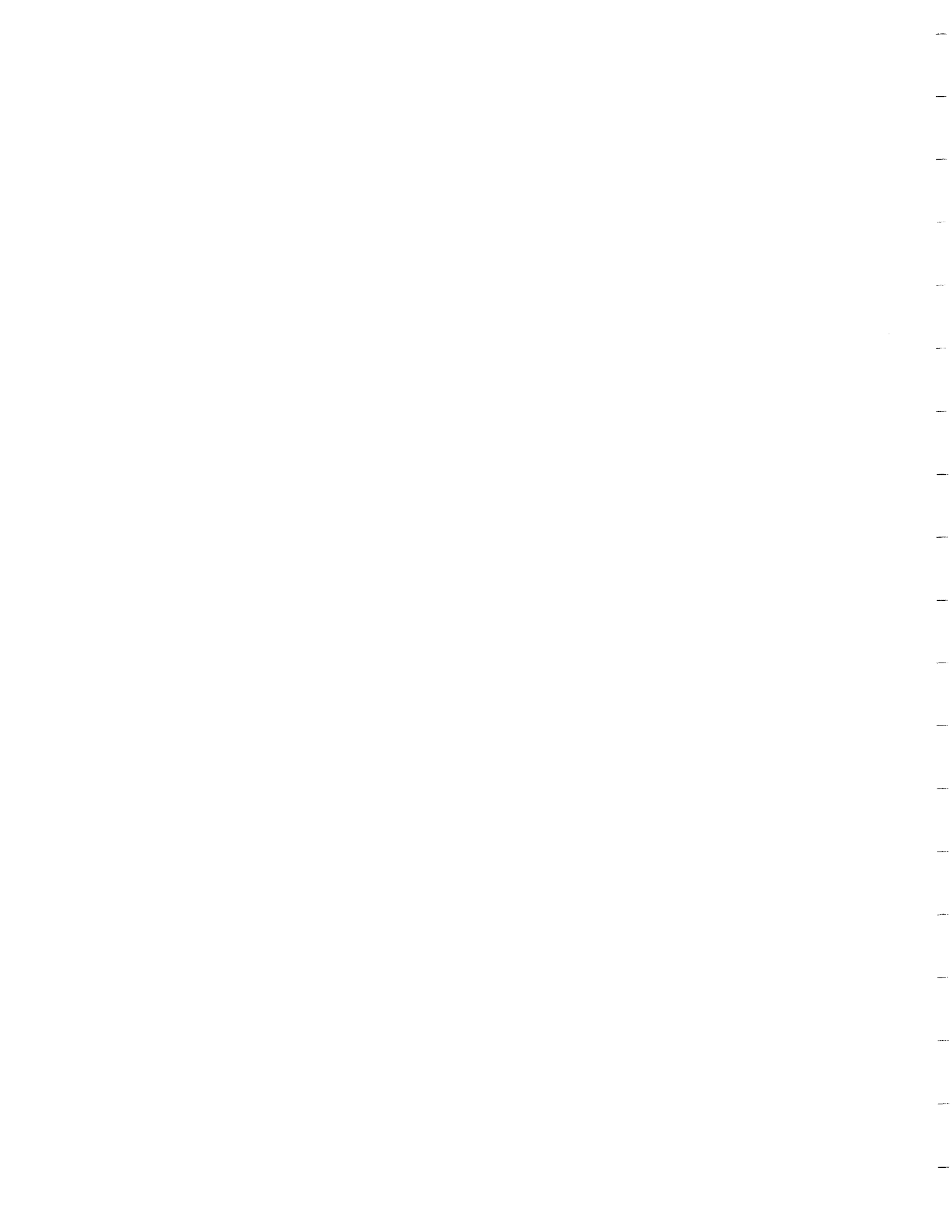


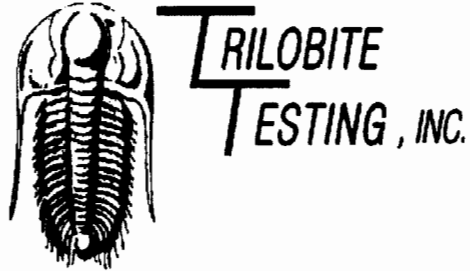
7 Sat Oct 2006

6AM

Time (Hours)

3AM





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.09 @ 00:50:32

End Date: 2006.10.09 @ 09:10:26

Job Ticket #: 25566 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

Goertz #1

14 17S 30W Lane KS

DST # 6

marmaton

2006.10.09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

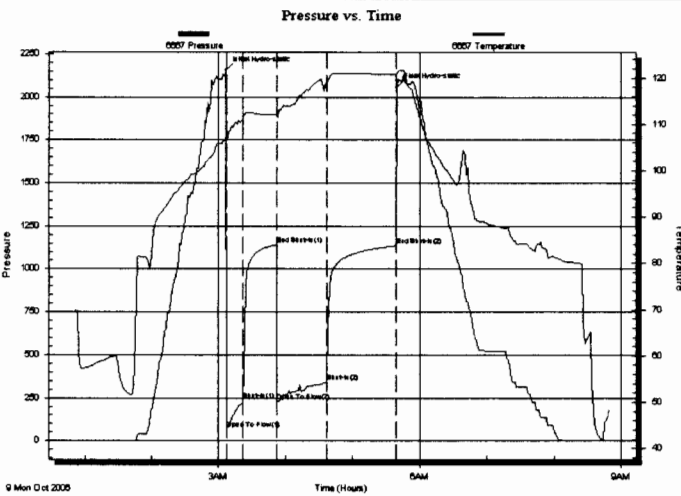
Goertz #1
14 17S 30W Lane KS
 Job Ticket: 25566 **DST#: 6**
 Test Start: 2006.10.09 @ 00:50:32

GENERAL INFORMATION:

Formation: **marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:07:12
 Time Test Ended: 09:10:26
 Interval: **4294.00 ft (KB) To 4392.00 ft (KB) (TVD)**
 Total Depth: 4392.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 25
 Reference Elevations: 2852.00 ft (KB)
 2847.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 **Inside**
 Press@RunDepth: 340.92 psig @ 4295.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.10.09 End Date: 2006.10.09 Last Calib.: 2006.10.09
 Start Time: 00:50:32 End Time: 08:49:26 Time On Btm: 2006.10.09 @ 03:06:57
 Time Off Btm: 2006.10.09 @ 05:39:41

TEST COMMENT: BOB in 11 min.
 No return
 BOB in 15 min.
 Return blow in 7 min. built to 2"



PRESSURE SUMMARY

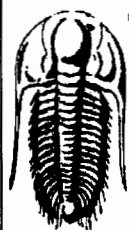
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.08	106.86	Initial Hydro-static
1	66.60	106.58	Open To Flow (1)
15	235.01	111.97	Shut-In(1)
46	1141.59	112.07	End Shut-In(1)
46	232.19	111.57	Open To Flow(2)
91	340.92	118.99	Shut-In(2)
153	1134.90	120.66	End Shut-In(2)
153	2057.89	120.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	CGO 30%G 70%O	0.44
150.00	GOCM 30%G 40%O 30%M	0.74
120.00	SGO & WCM 5%G 20%O 20%W 55%M	1.02
360.00	SGO % WCM 5%G 10%O 10%W 75%M	5.05
0.00	60' Gas in pipe	0.00

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 25566 **DST#: 6**
Test Start: 2006.10.09 @ 00:50:32

Tool Information

Drill Pipe:	Length: 3978.00 ft	Diameter: 3.80 inches	Volume: 55.80 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 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: 65000.00 lb
			<u>Total Volume: 57.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4294.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	98.00 ft			
Tool Length:	125.00 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			4268.00	
Shut In Tool	5.00			4273.00	
Hydraulic tool	5.00			4278.00	
Jars	5.00			4283.00	
Safety Joint	2.00			4285.00	
Packer	5.00		Fluid	4290.00	27.00 Bottom Of Top Packer
Packer	4.00			4294.00	
Stubb	1.00			4295.00	
Recorder	0.00	6667	Inside	4295.00	
Perforations	30.00			4325.00	
Drill Pipe	62.00			4387.00	
Recorder	0.00	11058	Inside	4387.00	
Bullnose	5.00			4392.00	98.00 Bottom Packers & Anchor

Total Tool Length: 125.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 25566 **DST#: 6**
Test Start: 2006.10.09 @ 00:50:32

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 29000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.79 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2100.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	CGO 30%G 70%O	0.443
150.00	GOCM 30%G 40%O 30%M	0.738
120.00	SGO & WCM 5%G 20%O 20%W 55%M	1.018
360.00	SGO % WCM 5%G 10%O 10%W 75%M	5.050
0.00	60' Gas in pipe	0.000

Total Length: 720.00 ft Total Volume: 7.249 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw .30 @ 50*f = 29000

Serial #: 6667

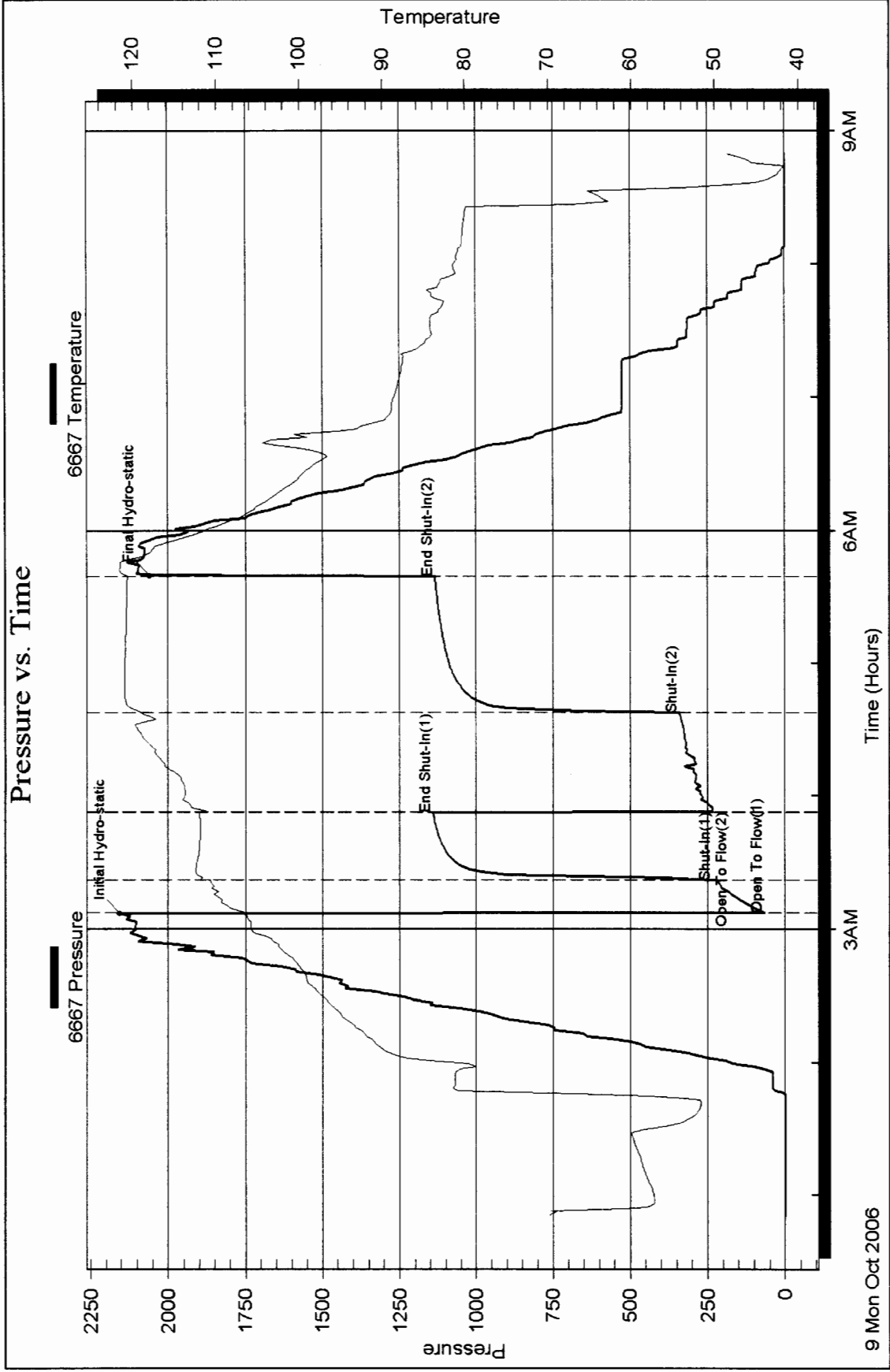
Inside

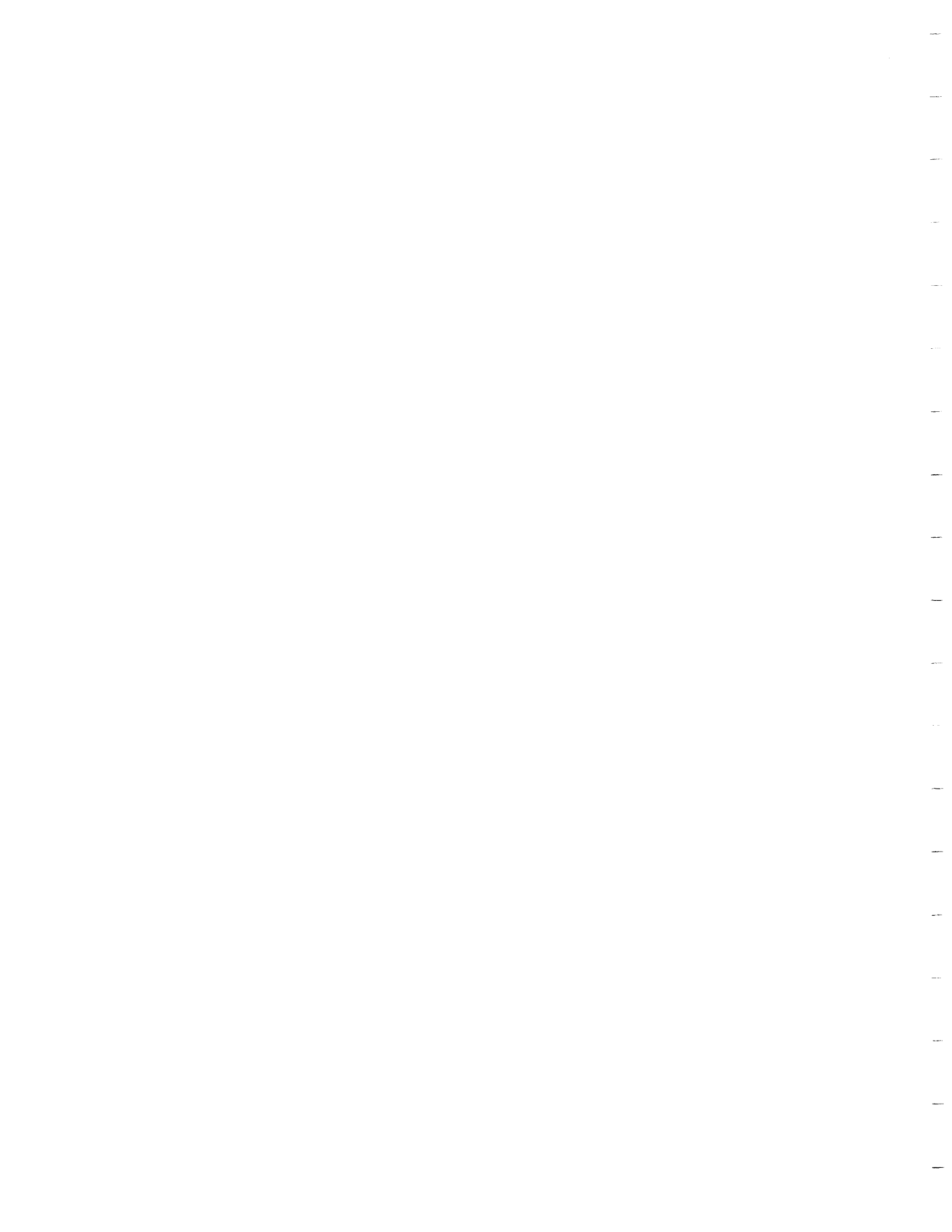
Carmen Schmitt Inc

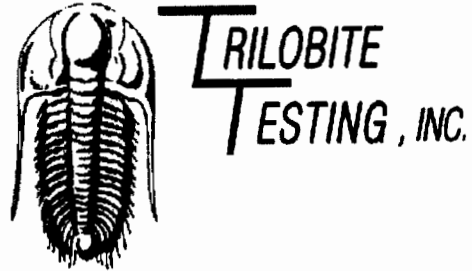
14 17S30W Lane KS

DST Test Number: 6

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

14 17S 30W Lane KS

Goertz #1

Start Date: 2006.10.10 @ 02:40:34

End Date: 2006.10.10 @ 09:10:28

Job Ticket #: 25567 DST #: 7

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: Jacob Porter

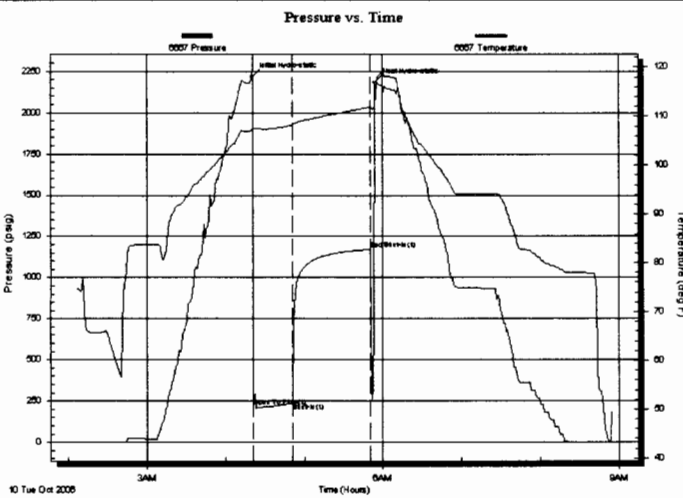
Goertz #1
14 17S 30W Lane KS
Job Ticket: 25567 **DST#: 7**
Test Start: 2006.10.10 @ 02:40:34

GENERAL INFORMATION:

Formation: **Ft Scott - Cher**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:20:44
Time Test Ended: 09:10:28
Interval: **4433.00 ft (KB) To 4495.00 ft (KB) (TVD)**
Total Depth: 4495.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 25
Reference Elevations: 2852.00 ft (KB)
2847.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
Press@RunDepth: 239.67 psig @ 4434.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.10.10 End Date: 2006.10.10 Last Calib.: 2006.10.10
Start Time: 02:06:34 End Time: 08:55:28 Time On Btm: 2006.10.10 @ 04:20:14
Time Off Btm: 2006.10.10 @ 05:53:59

TEST COMMENT: Mud dropped 60' @ open filled hole dropped again filled hole stayed full bled off blow BOB in 11 min
ISI Return in 1 min built to 10"
FF Lost packer seat 2 min into open pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2219.14	107.70	Initial Hydro-static
1	216.30	107.42	Open To Flow (1)
31	239.67	108.19	Shut-In(1)
91	1171.30	111.86	End Shut-In(1)
94	2182.14	112.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	SGM 5%G 95%M	1.18
240.00	SGOCM 35%G 5%O 60%M	2.70
300.00	GOCM 20%G 40%O 40%M	4.21
0.00	240' Gas in pipe	0.00

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

Goertz #1
14 17S 30W Lane KS
 Job Ticket: 25567 **DST#: 7**
 Test Start: 2006.10.10 @ 02:40:34

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: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 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: 55000.00 lb
			<u>Total Volume: 59.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4433.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.00 ft			
Tool Length:	89.00 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			4407.00	
Shut In Tool	5.00			4412.00	
Hydraulic tool	5.00			4417.00	
Jars	5.00			4422.00	
Safety Joint	2.00			4424.00	
Packer	5.00		Fluid	4429.00	27.00 Bottom Of Top Packer
Packer	4.00			4433.00	
Stubb	1.00			4434.00	
Recorder	0.00	6667	Inside	4434.00	
Perforations	25.00			4459.00	
Drill Pipe	31.00			4490.00	
Recorder	0.00	11058	Inside	4490.00	
Bullnose	5.00			4495.00	62.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Goertz #1
14 17S 30W Lane KS
Job Ticket: 25567 **DST#: 7**
Test Start: 2006.10.10 @ 02:40:34

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.59 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	SGM 5%G 95%M	1.180
240.00	SGOCM 35%G 5%O 60%M	2.702
300.00	GOCM 20%G 40%O 40%M	4.208
0.00	240' Gas in pipe	0.000

Total Length: 780.00 ft Total Volume: 8.090 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

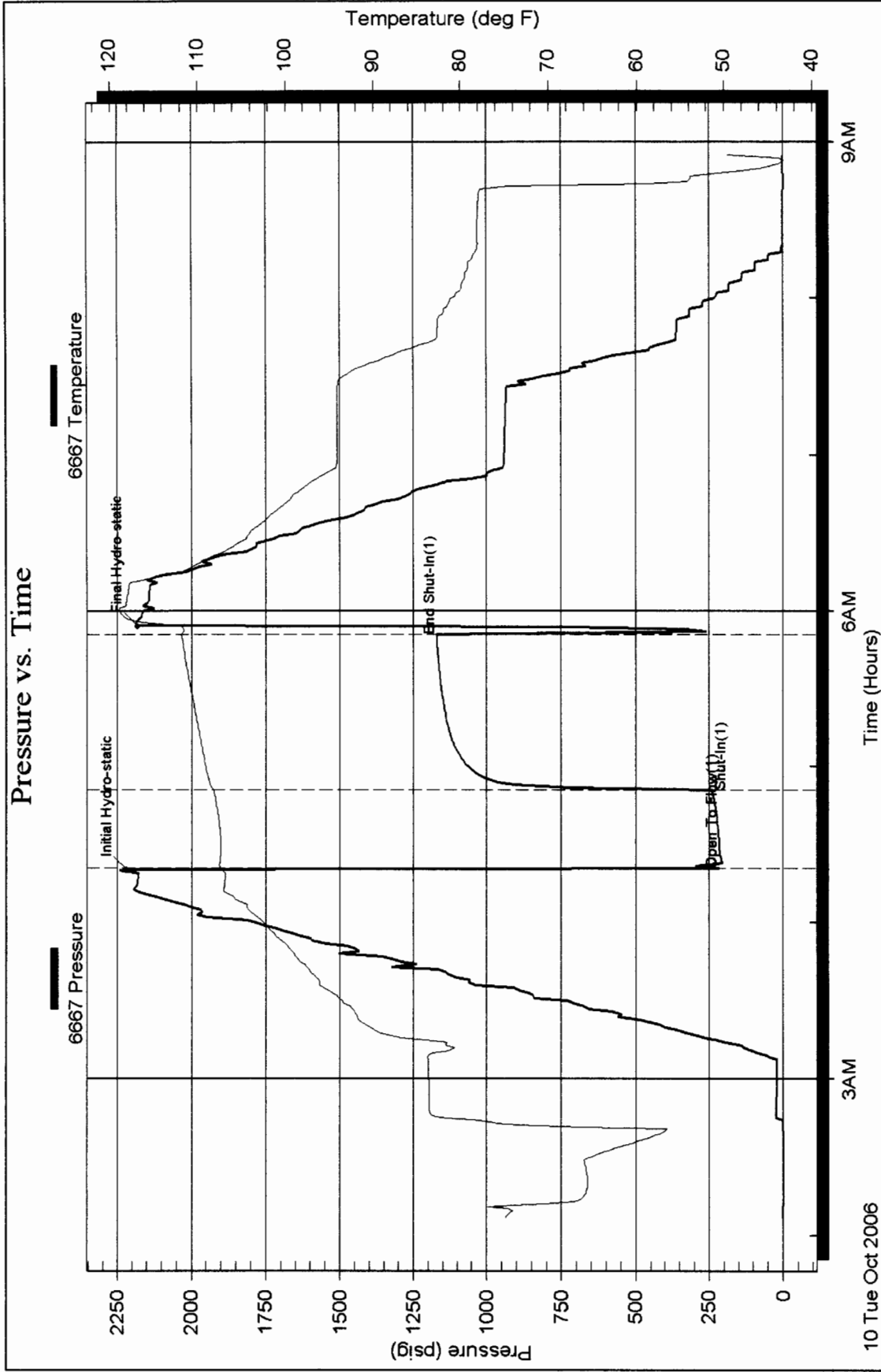
Serial #: 6667

Inside

Carmen Schmitt Inc

14 17S 30W Lane KS

DST Test Number: 7





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26564

Test Ticket

Well Name & No. Goertz #1 Test No. 1 Date 10/05/06
 Company Cacman Schmitt Inc. Zone Tested Lansing, T.P.C.
 Address P.O. Box 47, Great Bend, KS 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields Rig #2
 Location: Sec. 14 Twp. 17s Rge. 30w Co. Lanc State KS
 Comment: _____ Release date / time: _____

Interval Tested 3941' 4018' Initial Str Wt./Lbs. 46000 Unseated Str Wt./Lbs. 48000
 Anchor Length 77' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 60000
 Top Packer Depth 3936' Tool Weight 1500
 Bottom Packer Depth 3941' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4018' Wt. Pipe Run 4 1/2 x 14 U.T. P.I.R. 310'
 Mud Wt. 8.9 LCM Trace Vis. 49 WL 10.5 Drill Pipe Size 4 1/2 PH Ft. Run 3610'
 Blow Description IF, Return below to 4 in.

IS, No Return
IF, Weak Surface blow.
IS, No Return

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>320'</u>	Feet of <u>mud</u>	%gas	%oil %water <u>100% mud</u>
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 <u>110</u>	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____ °API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>2,200</u> ppm System

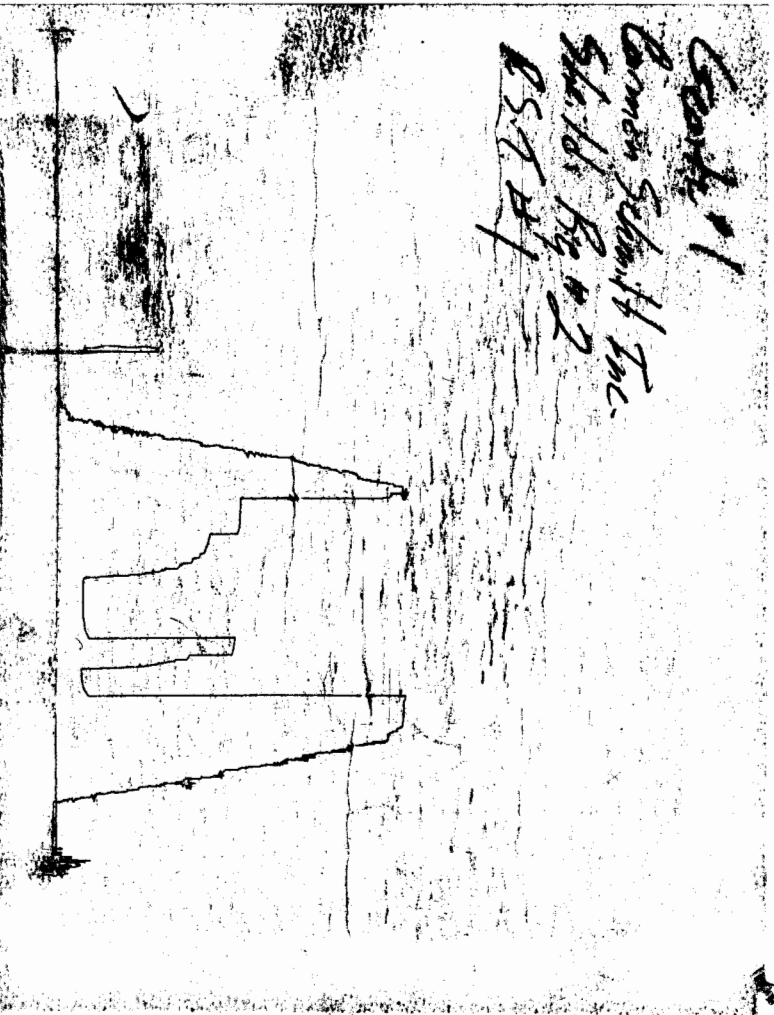
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1899</u>	PSI	<u>6672</u>	<u>X 1200.00</u>
(B) First Initial Flow Pressure	<u>60</u>	PSI	(depth) <u>3941'</u>	Jars <u>X 250.00</u>
(C) First Final Flow Pressure	<u>73</u>	PSI	Recorder No. _____	Safety Jt. <u>X 975.00</u>
(D) Initial Shut-In Pressure	<u>1664</u>	PSI	(depth) _____	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure	<u>75</u>	PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>99</u>	PSI	(depth) <u>4013'</u>	Straddle _____
(G) Final Shut-In Pressure	<u>1063</u>	PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1838</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>X 5467.50</u>

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 Jacob L. Porter T-Open 02:05 a.m. Acc. Chg: _____
 Our Representative [Signature] T-Pulled 09:35 a.m. Other: _____
 T-Out 11:35 a.m. Total: _____

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26565

Test Ticket

Well Name & No. Goertz #1 Test No. 2 Date 10-06-06
 Company Carman Schmitt Inc. Zone Tested Carman, G.H.
 Address P.O. Box 47, Great Bend, KS 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields R. 9 #2
 Location: Sec. 14 Twp. 17s Rge. 30w Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4102' 4150' Initial Str Wt./Lbs. 46,000 Unseated Str Wt/Lbs. 48,000
 Anchor Length 48' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 62,000
 Top Packer Depth 3997' Tool Weight 1500
 Bottom Packer Depth 4102' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4150' Wt. Pipe Run 4 1/2 x H ^{W.T. Pipe} Drill Collar Run 310'
 Mud Wt. 9.2 LCM Trace Vis. 46 WL 100 Drill Pipe Size 4 1/2 FH Ft. Run 3796'

Blow Description IF; Return blow to 3 1/4 in.
IS; No Return
FL; Return blow to 5 1/4 in.
ISI; No Return

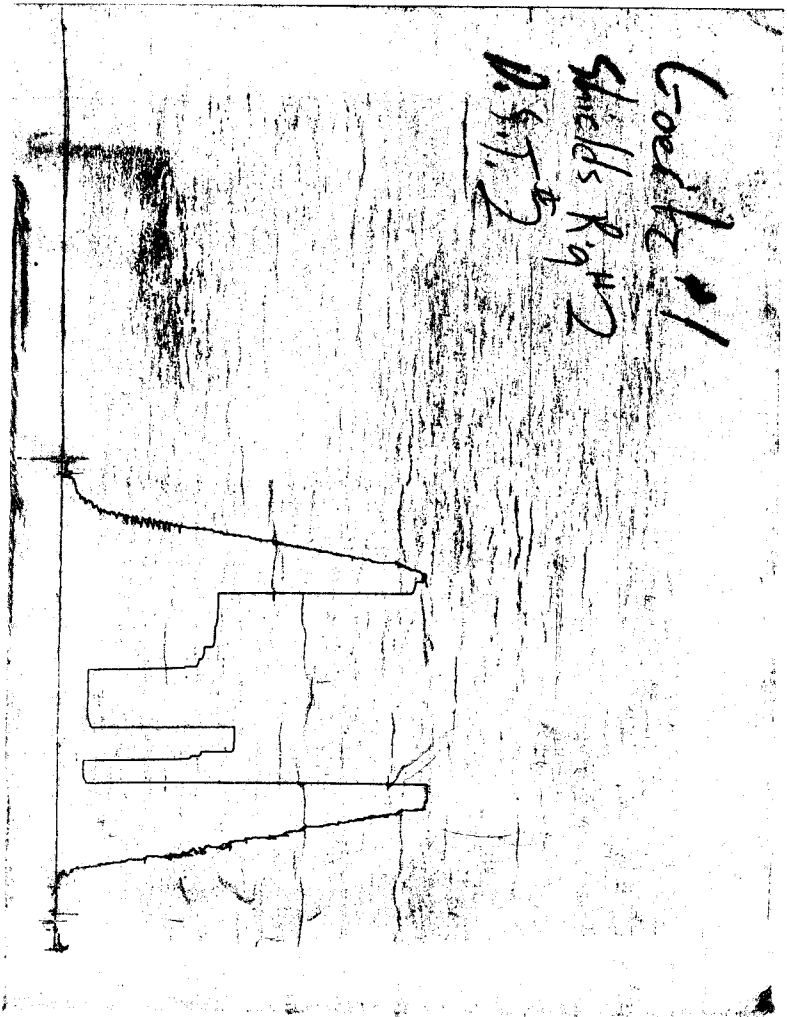
Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>250'</u> Feet of <u>Mud</u>		%gas	%oil %water <u>100% mud</u>
Rec. _____ Feet of _____		%gas	%oil %water %mud
Rec. _____ Feet of _____		%gas	%oil %water %mud
Rec. _____ Feet of _____		%gas	%oil %water %mud
Rec. _____ Feet of _____		%gas	%oil %water %mud
BHT <u>114</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>2,400</u> ppm System			

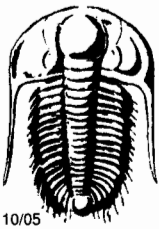
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1995</u> PSI	<u>6672</u>	<u>X #1200</u>
(B) First Initial Flow Pressure		<u>16</u> PSI	(depth) <u>4102</u>	Jars <u>X #250</u>
(C) First Final Flow Pressure		<u>55</u> PSI	Recorder No. _____	Safety Jt. <u>X #75</u>
(D) Initial Shut-In Pressure		<u>1025</u> PSI	(depth) _____	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure		<u>58</u> PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure		<u>142</u> PSI	(depth) <u>4145'</u>	Straddle _____
(G) Final Shut-In Pressure		<u>1012</u> PSI	Initial Opening <u>75</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1978</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer <u>\$200</u>
			Final Shut-In <u>60</u>	Mileage <u>X 54 67.50</u>

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 Jacob L. Porter T-Started 03:05 a.m. Std. By _____
 Our Representative [Signature] T-Open 05:00 a.m. Acc. Chg: _____
 T-Pulled 07:30 a.m. Other: _____
 T-Out 09:05 a.m. Total: _____

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26566

Test Ticket

Well Name & No. Goertz #1 Test No. 3 Date 10-06-06
 Company Carmen Schmitt Inc. Zone Tested Lansing / F
 Address P.O. Box 47, Great Bend, KS 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields Rq #2
 Location: Sec. 14 Twp. 17s Rge. 30W Co. Lanc State KS
 Comment: _____ Release date / time: _____

Interval Tested 4143' 4180' Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 46,000
 Anchor Length 32' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 56,000
 Top Packer Depth 4138' Tool Weight 1,500
 Bottom Packer Depth 4143' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4180' Wt. Pipe Run 4 1/2 x 14 Drill Collar Run 310'
 Mud Wt. 9.2 LCM Trace Vis. 46 WL 10.0 Drill Pipe Size 4 1/2 FH Ft. Run 3825'

Blow Description IK; No Return blow
IS; No blow
FT; No Return blow
IST; No blow

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>0</u> Feet of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____
BHT <u>104</u> °F Gravity _____	°API D @ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>2,400</u> ppm System	

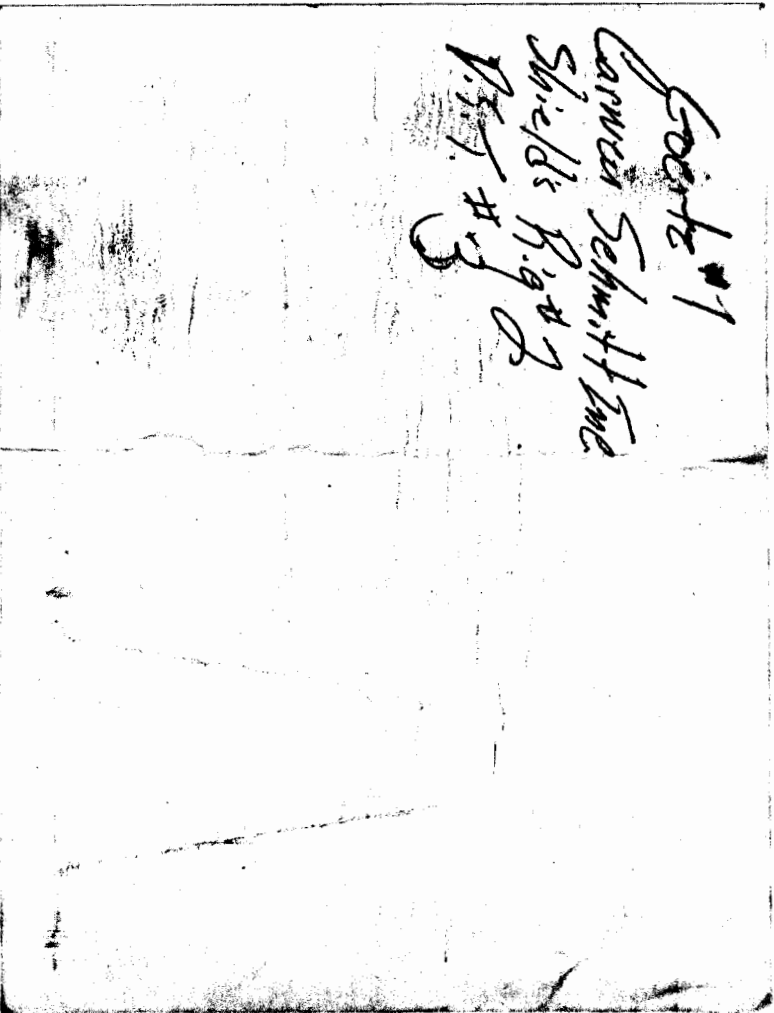
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2019</u> PSI	<u>6672</u>	<u>4143'</u>	<u>1 # 200.00</u>
(B) First Initial Flow Pressure	<u>1728</u> PSI			<u>1 # 250.00</u>
(C) First Final Flow Pressure	<u>1728</u> PSI			<u>Safety Jt. X # 75.00</u>
(D) Initial Shut-In Pressure	<u>1999</u> PSI			<u>Circ Sub X N/C</u>
(E) Second Initial Flow Pressure	<u>1972</u> PSI		<u>11020</u>	
(F) Second Final Flow Pressure	<u>1887</u> PSI		<u>4175'</u>	
(G) Final Shut-In Pressure	<u>1871</u> PSI	Initial Opening	<u>15</u>	
(Q) Final Hydrostatic Mud	<u>2014</u> PSI	Initial Shut-In	<u>30</u>	
		Final Flow	<u>15</u>	
		Final Shut-In	<u>TOH 0</u>	

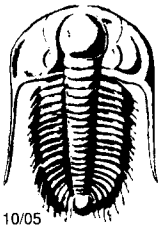
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Jacob L. Porter T-Started 09:00 p.m. Std. By _____
 Our Representative [Signature] T-Open 09:15 p.m. Acc. Chg: _____
 T-Pulled 19:00 p.m. Other: _____
 T-Out 20:00 p.m. Total: _____
21:25 p.m.

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25564

Test Ticket

Well Name & No. Goertz #1 Test No. #4 Date 10/7/04
 Company Carmen Schmitt Inc. Zone Tested KL G-H-I-5
 Address P.O. Box 47 Great Bend, Ks 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields
 Location: Sec. 14 Twp. 17S Rge. 30W Co. Lane State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4102 4212 Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. 47,000
 Anchor Length _____ 110 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth _____ 4097 Tool Weight 1500
 Bottom Packer Depth _____ 4102 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4212 Wt. Pipe Run 313' Drill Collar Run _____
 Mud Wt. 9.2 LCM Ti Vis. 45 WL 9.2 Drill Pipe Size 4 1/2 FH Ft. Run 3793'

Blow Description 1" @ open built to 4 1/4" in
No return
1/4" @ open B.O.B. in 44 min
Return in 4 min built to 1/2" in

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>409'</u>	<u>85'</u>	_____	<u>409'</u>
Rec. <u>5</u> Feet of <u>Free O.I</u> %gas <u>100</u> %oil _____ %water _____ %mud _____			
Rec. <u>94</u> Feet of <u>gas wcm</u> 10 %gas <u>20</u> %oil <u>5</u> %water <u>65</u> %mud			
Rec. <u>124</u> Feet of <u>gas gcmw</u> 5 %gas <u>5</u> %oil <u>45</u> %water <u>45</u> %mud			
Rec. <u>186'</u> Feet of <u>mlw</u> %gas <u>slum</u> %oil <u>85</u> %water <u>15</u> %mud			
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____			
BHT <u>114°</u> °F Gravity <u>35</u> °API D @ <u>80°</u> °F Corrected Gravity <u>37</u> °API			
RW <u>138</u> @ <u>85°</u> °F Chlorides <u>42500</u> ppm Recovery <u>42500</u> Chlorides <u>1000</u> ppm System			

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2027</u> PSI	<u>6667</u>	<u>6667</u>	<u>\$ 1200.00</u>
(B) First Initial Flow Pressure	<u>27</u> PSI	(depth) <u>4103'</u>		Jars x <u>\$ 250.00</u>
(C) First Final Flow Pressure	<u>99</u> PSI	Recorder No. <u>11058</u>		Safety Jt. x <u>\$ 75.00</u>
(D) Initial Shut-In Pressure	<u>1033</u> PSI	(depth) <u>4207'</u>		Circ Sub x <u>N/C</u>
(E) Second Initial Flow Pressure	<u>103</u> PSI	Recorder No. _____		Sampler _____
(F) Second Final Flow Pressure	<u>211</u> PSI	(depth) _____		Straddle _____
(G) Final Shut-In Pressure	<u>1010</u> PSI	Initial Opening <u>15</u>		Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1989</u> PSI	Initial Shut-In <u>30</u>		Shale Packer _____

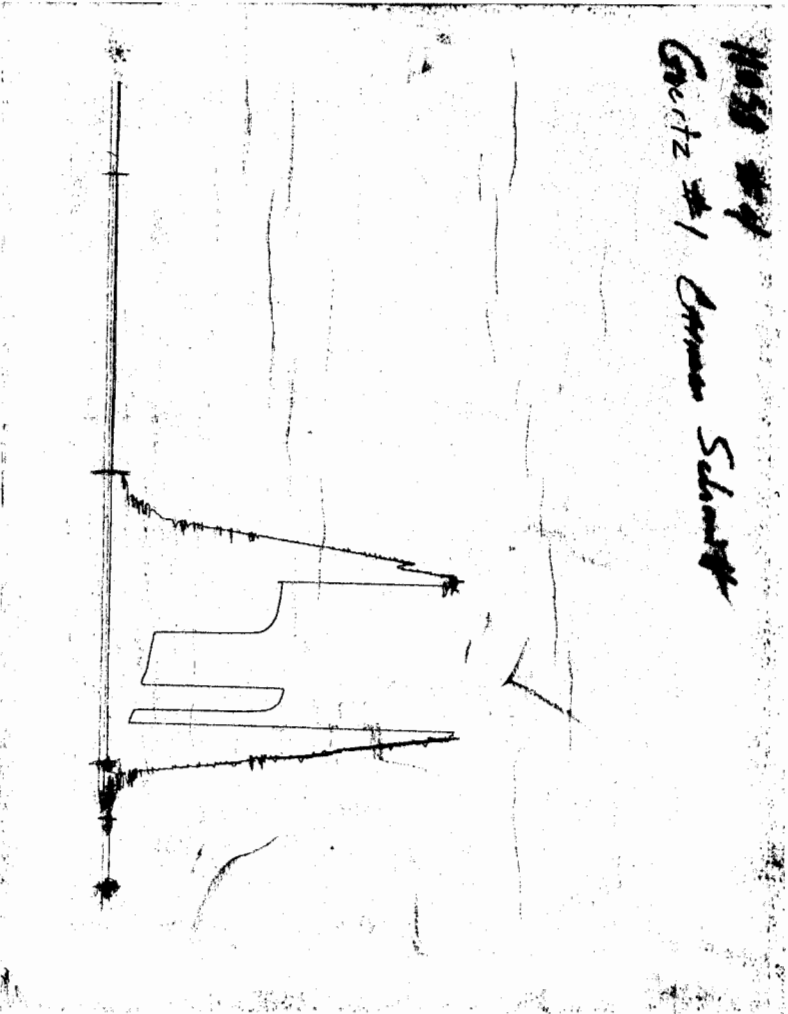
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

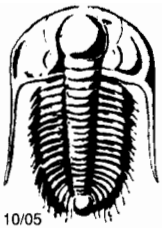
Final Flow 60 Ruined Packer _____
 Final Shut-In 60 Mileage x 367.50 --
 T-On Location 05:30 A.M. Sub Total: \$ 1592.50
 T-Started 06:30 A.M. Std. By _____
 T-Open 08:50 A.M. Acc. Chg: _____
 T-Pulled 11:35 A.M. Other: _____
 T-Out 14:00 P.M. Total: \$ 50

Approved By Jacob L. Porter
 Our Representative [Signature]

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25565

Test Ticket

Well Name & No. Goertz #1 Test No. # 5 Date 10/8/64
 Company Carmen Schmitt Inc Zone Tested KC 6
 Address P.O. Box 47 Great Bend Ks 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields
 Location: Sec. 14 Twp. 17S Rge. 30W Co. Kane State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4237 4273 Initial Str Wt./Lbs. 47,000 Unseated Str Wt./Lbs. 49,000
 Anchor Length _____ 36 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth _____ 4232 Tool Weight 1500
 Bottom Packer Depth _____ 4237 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4273 Wt. Pipe Run 313' Drill Collar Run _____
 Mud Wt. 9.2 LCM Tr Vis. 45 WL 9.2 Drill Pipe Size 4 1/2 FH Ft. Run 3917'
 Blow Description 1/4" in @ open built to 1 3/4" in.

No return
Surface blow in 2 min, built to 5" in.
No return

Recovery - Total Feet 240' GIP _____ Ft. in DC _____ Ft. in DP 240'
 Rec. 90' Feet of mcw %gas _____ %oil 60 %water 40 %mud _____
 Rec. 150' Feet of water %gas _____ %oil 100 %water _____ %mud _____
 Rec. _____ Feet of _____ %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 .170 @ 64° °F Chlorides 47,000 ppm Recovery 47,000 Chlorides 1800 ppm System

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2097</u>	PSI	<u>6667</u>	<u>\$1200.00</u>
(B) First Initial Flow Pressure	<u>15</u>	PSI	(depth) <u>4238</u>	Jars <u>\$250.00</u>
(C) First Final Flow Pressure	<u>46</u>	PSI	Recorder No. <u>11058</u>	Safety Jt. <u>\$75.00</u>
(D) Initial Shut-In Pressure	<u>954</u>	PSI	(depth) <u>4268</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure	<u>49</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>129</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>889</u>	PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2028</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____

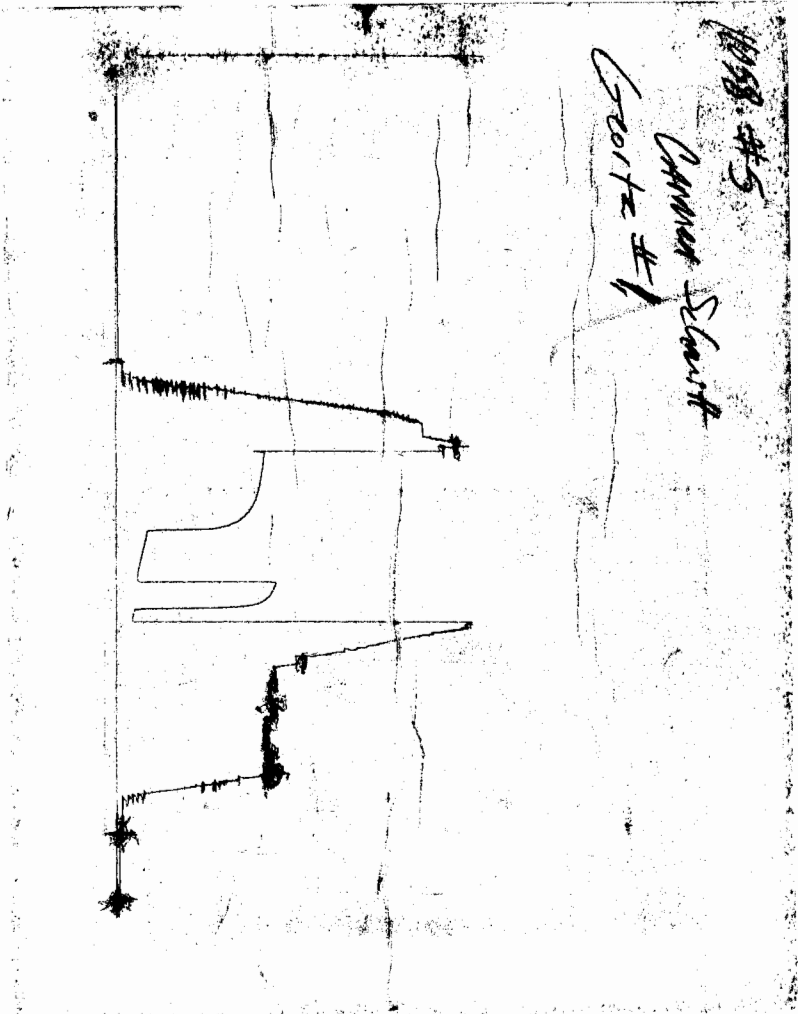
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

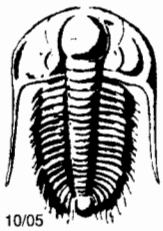
Approved By Jacob L. Porter
 Our Representative [Signature]

Final Flow 60
 Final Shut-In 90
 T-On Location 00:00 A.M.
 T-Started 01:15 A.M.
 T-Open 03:20 A.M.
 T-Pulled 06:35 A.M.
 T-Out 08:35 A.M.
 Mileage X. 67.50
 Sub Total 1592.50
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: \$1,100.00

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25566

Test Ticket

Well Name & No. Goertz #1 Test No. #6 Date 10/9/06
 Company Carmen Schmitt Inc Zone Tested Marmaton
 Address P.O. Box 47 Great Bend, KS 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields
 Location: Sec. 14 Twp. 17S Rge. 30W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4294 4392 Initial Str Wt./Lbs. 48000 Unseated Str Wt./Lbs. 51,000
 Anchor Length _____ 98 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth _____ 4289 Tool Weight 1500
 Bottom Packer Depth _____ 4294 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4392 Wt. Pipe Run 313' Drill Collar Run _____
 Mud Wt. 9.2 LCM T1 Vis. 52 WL 6.8 Drill Pipe Size 4 1/2 FH Ft. Run 3978'

Blow Description B.O.B. in 11 min.
No return
B.O.B. in 15 min.
Return blow in 7 min built to 2" in.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>720'</u>	<u>60' weak</u>	_____	<u>720'</u>
Rec. <u>360</u>	Feet of <u>sgo 3/4 wcm</u>	<u>5</u> %gas <u>10</u> %oil <u>10</u> %water <u>75</u> %mud	
Rec. <u>120</u>	Feet of <u>sgo 3/4 wcm</u>	<u>5</u> %gas <u>20</u> %oil <u>20</u> %water <u>55</u> %mud	
Rec. <u>150</u>	Feet of <u>gocm</u>	<u>30</u> %gas <u>40</u> %oil <u>Trace</u> %water <u>30</u> %mud	
Rec. <u>90</u>	Feet of <u>cg0</u>	<u>30</u> %gas <u>70</u> %oil _____ %water _____ %mud	
Rec. _____	Feet of _____	_____ %gas _____ %oil _____ %water _____ %mud	
BHT <u>121°</u>	°F Gravity <u>29</u>	°API D @ <u>50°</u>	°F Corrected Gravity <u>30</u> °API
RW <u>.30</u>	@ <u>55</u> °F	Chlorides <u>29,000</u> ppm Recovery <u>29,000</u>	Chlorides <u>2100</u> ppm System

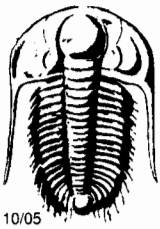
	AK-1	Alpine	Recorder No.	Test x
(A) Initial Hydrostatic Mud	<u>2155</u> PSI		<u>6667</u>	<u>\$1200.00</u>
(B) First Initial Flow Pressure	<u>66</u> PSI		<u>4295</u>	<u>\$250.00</u>
(C) First Final Flow Pressure	<u>235</u> PSI		<u>11058</u>	<u>\$75.00</u>
(D) Initial Shut-In Pressure	<u>1141</u> PSI		<u>4387</u>	<u>N/C</u>
(E) Second Initial Flow Pressure	<u>232</u> PSI			
(F) Second Final Flow Pressure	<u>340</u> PSI			
(G) Final Shut-In Pressure	<u>1134</u> PSI	Initial Opening <u>15</u>		
(Q) Final Hydrostatic Mud	<u>2100</u> PSI	Initial Shut-In <u>30</u>		

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Approved By Jacob Porter

Our Representative [Signature]

Final Flow	<u>45</u>	Ruined Packer	_____
Final Shut-In	<u>60</u>	Mileage x	<u>67.50</u>
T-On Location	<u>00:00</u> A.M.	Sub Total:	<u>41</u> <u>10</u>
T-Started	<u>00:50</u> A.M.	Std. By	<u>14 hr</u> <u>25.00</u>
T-Open	<u>03:10</u> A.M.	Acc. Chg:	_____
T-Pulled	<u>05:40</u> A.M.	Other:	_____
T-Out	<u>09:10</u> A.M.	Total:	<u>\$1617.50</u>



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25567

Test Ticket

Well Name & No. Goertz #1 Test No. #7 Date 10/10/06
 Company Cameron Schmitt Inc. Zone Tested FT Scott / Cher
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2852 KB 2847 GL
 Co. Rep / Geo. Jacob Porter Rig Shields
 Location: Sec. 14 Twp. 17S Rge. 30W Co. Lane State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4433 4495 Initial Str Wt./Lbs. 47,000 Unseated Str Wt/Lbs. 50,000
 Anchor Length 42 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 4428 Tool Weight 1500
 Bottom Packer Depth 4433 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4495 Wt. Pipe Run 313' Drill Collar Run _____
 Mud Wt. 9.3 LCM 71 Vis. 51 WL 5.6 Drill Pipe Size 4 1/2 FH Ft. Run 4101'

Blow Description Mud Dropped 60' @ open Filled hole dropped again Filled hole stayed
Fall Bleed off blow B.O.B. in 11 min. F.S.F. Return blow in 1 min
Built to 10" in. F.F. last packer seat 2 min into open -
pull Tool

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>780'</u>	<u>240'</u>	<u>20</u>	<u>780'</u>
Rec. <u>300</u>	Feet of <u>90cm</u>	<u>20</u> %gas <u>40</u> %oil	%water <u>40</u> %mud
Rec. <u>240</u>	Feet of <u>590cm</u>	<u>35</u> %gas <u>5</u> %oil	%water <u>60</u> %mud
Rec. <u>240</u>	Feet of <u>59m</u>	<u>5</u> %gas <u>71</u> %oil	%water <u>95</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____	Feet of _____	%gas _____ %oil _____	%water _____ %mud _____

BHT 112° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 2700 ppm System

	AK-1	Alpine	Recorder No.	Test x
(A) Initial Hydrostatic Mud	<u>2242</u>	PSI	<u>6667</u>	<u>\$1200.00</u>
(B) First Initial Flow Pressure	<u>216</u>	PSI	(depth) <u>4434</u>	Jars x <u>\$250.00</u>
(C) First Final Flow Pressure	<u>239</u>	PSI	Recorder No. <u>11058</u>	Safety Jt. x <u>\$75.00</u>
(D) Initial Shut-In Pressure	<u>1171</u>	PSI	(depth) <u>4490</u>	Circ Sub x <u>N/C</u>
(E) Second Initial Flow Pressure	<u>---</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>---</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>---</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2182</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Final Flow 3 pull Tool Ruined Packer _____
 Final Shut-In _____ Mileage 6250
T-On Location 01:00 A.M. Sub Total: \$1,592.50
 T-Started 02:40 A.M. Std. By _____
 T-Open 04:20 A.M. Acc. Chg: _____
 T-Pulled 05:53 A.M. Other: _____
 T-Out 09:10 A.M. Total: \$1,

Approved By Jacob L. Porter
 Our Representative [Signature]

CHART PAGE

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

