

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.15 @ 11:07:56

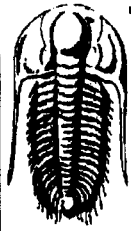
End Date: 2007.10.15 @ 18:45:41

Job Ticket #: 26938 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

TOOL DIAGRAM

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26938

DST#: 1

ATTN: Jacob Porter

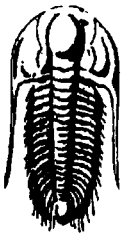
Test Start: 2007.10.15 @ 11:07:56

Tool Information

Drill Pipe:	Length: 3935.00 ft	Diameter: 3.80 inches	Volume: 55.20 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume:	56.33 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4185.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			4162.00	
Hydraulic tool	5.00			4167.00	
Jars	5.00			4172.00	
Safety Joint	3.00			4175.00	
Packer	5.00			4180.00	28.00 Bottom Of Top Packer
Packer	5.00			4185.00	
Recorder	0.00	6668	Inside	4185.00	
Perforations	22.00			4207.00	
Recorder	0.00	13266	Outside	4207.00	
Bullnose	3.00			4210.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26938 **DST#: 1**

ATTN: Jacob Porter

Test Start: 2007.10.15 @ 11:07:56

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: 95000 ppm	
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: 0.10 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

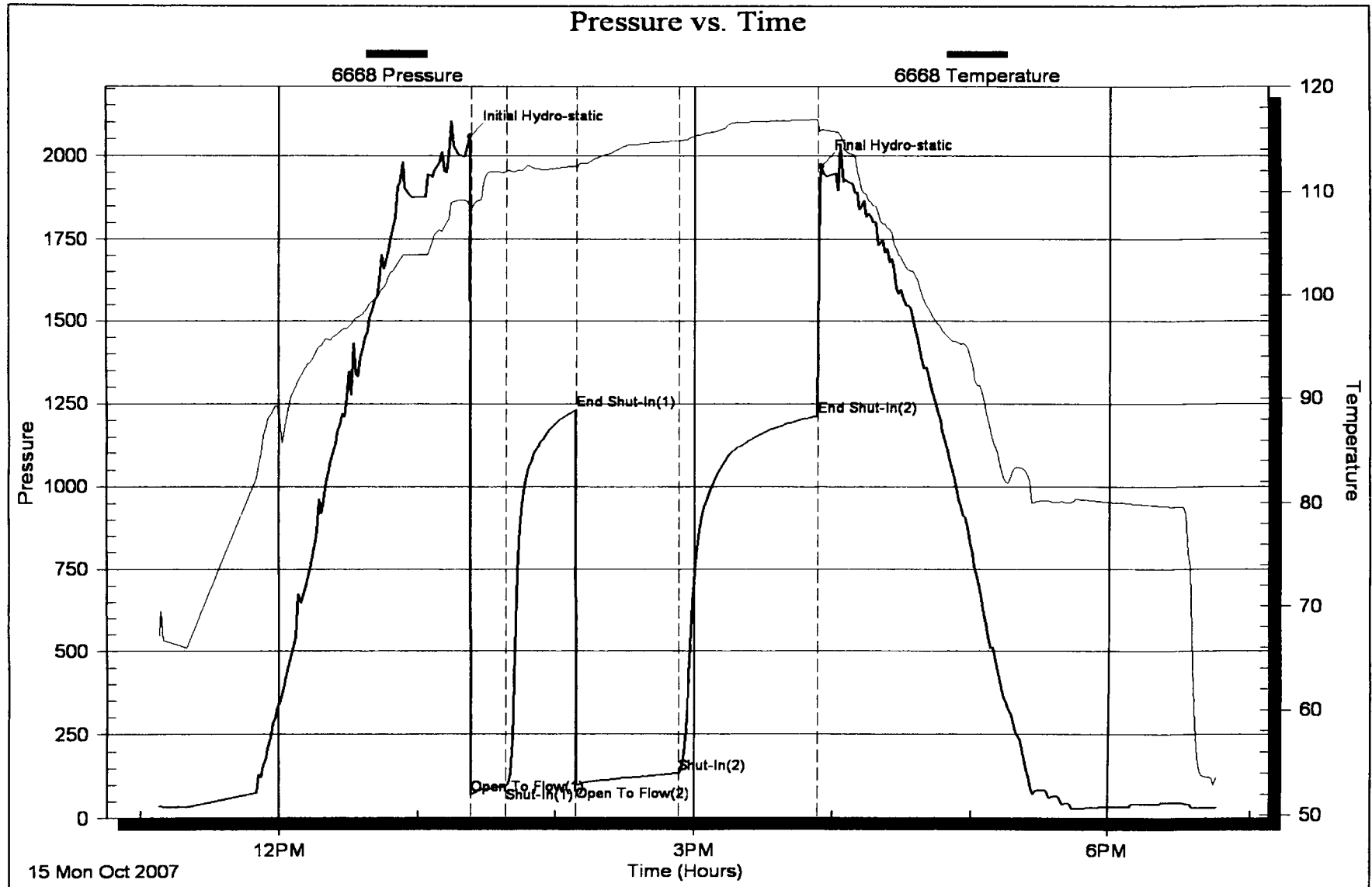
Length ft	Description	Volume bbl
10.00	GWOcutM 2%G 26%O 26%W 46%M	0.049
58.00	GWM w/scum Oil 2%G 38%W 60%M	0.285
60.00	MW 74%W 26%M	0.295
60.00	MW 60%W 40%M	0.295

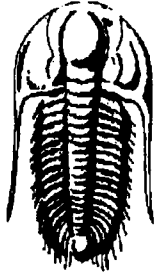
Total Length: 188.00 ft Total Volume: 0.924 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.16 @ 03:24:18

End Date: 2007.10.16 @ 09:26:48

Job Ticket #: 26939 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 LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26939 **DST#: 2**

ATTN: Jacob Porter

Test Start: 2007.10.16 @ 03:24:18

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:40:03

Time Test Ended: 09:26:48

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4216.00 ft (KB) To 4235.00 ft (KB) (TVD)**

Reference Elevations: 2237.00 ft (KB)

Total Depth: 4235.00 ft (KB) (TVD)

2230.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 69.80 psig @ 4216.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.16 End Date: 2007.10.16

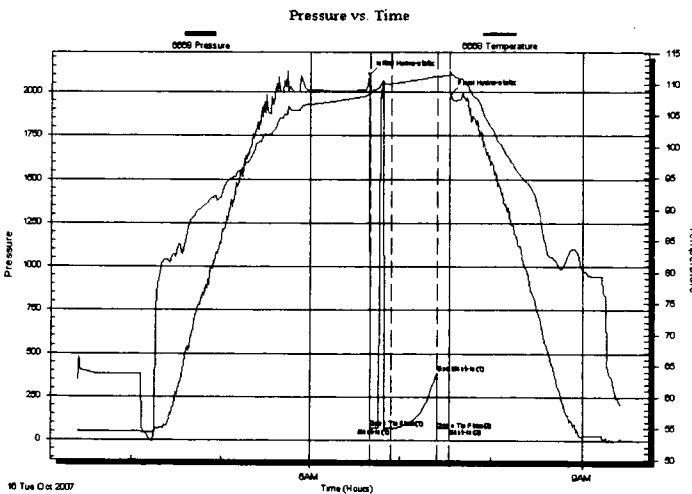
Last Calib.: 2007.10.16

Start Time: 03:24:23 End Time: 09:26:47

Time On Btm: 2007.10.16 @ 06:39:18

Time Off Btm: 2007.10.16 @ 07:33:18

TEST COMMENT: IF Weak blow Died off Flushed tool Still no blow during 15 mins.
ISI Bled off No blow back
FF Opened tool No blow Pulled tool off bottom.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2101.44	108.62	Initial Hydro-static
1	74.93	108.45	Open To Flow (1)
15	69.80	110.05	Shut-In(1)
46	386.68	111.28	End Shut-In(1)
46	61.90	111.11	Open To Flow (2)
53	73.29	111.46	Shut-In(2)
54	1988.32	111.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Lippoldt #1
20 23 19 Edwards KS
 Job Ticket: 26939 **DST#: 2**
 Test Start: 2007.10.16 @ 03:24:18

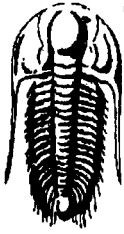
Tool Information

Drill Pipe:	Length: 3965.00 ft	Diameter: 3.80 inches	Volume: 55.62 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 56.75 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	4216.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	47.00 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			4193.00	
Hydraulic tool	5.00			4198.00	
Jars	5.00			4203.00	
Safety Joint	3.00			4206.00	
Packer	5.00			4211.00	28.00 Bottom Of Top Packer
Packer	5.00			4216.00	
Recorder	0.00	6668	Inside	4216.00	
Perforations	16.00			4232.00	
Recorder	0.00	13266	Outside	4232.00	
Bullnose	3.00			4235.00	19.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26939

DST#: 2

ATTN: Jacob Porter

Test Start: 2007.10.16 @ 03:24:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	100%M	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbf

Num Fluid Samples: 0

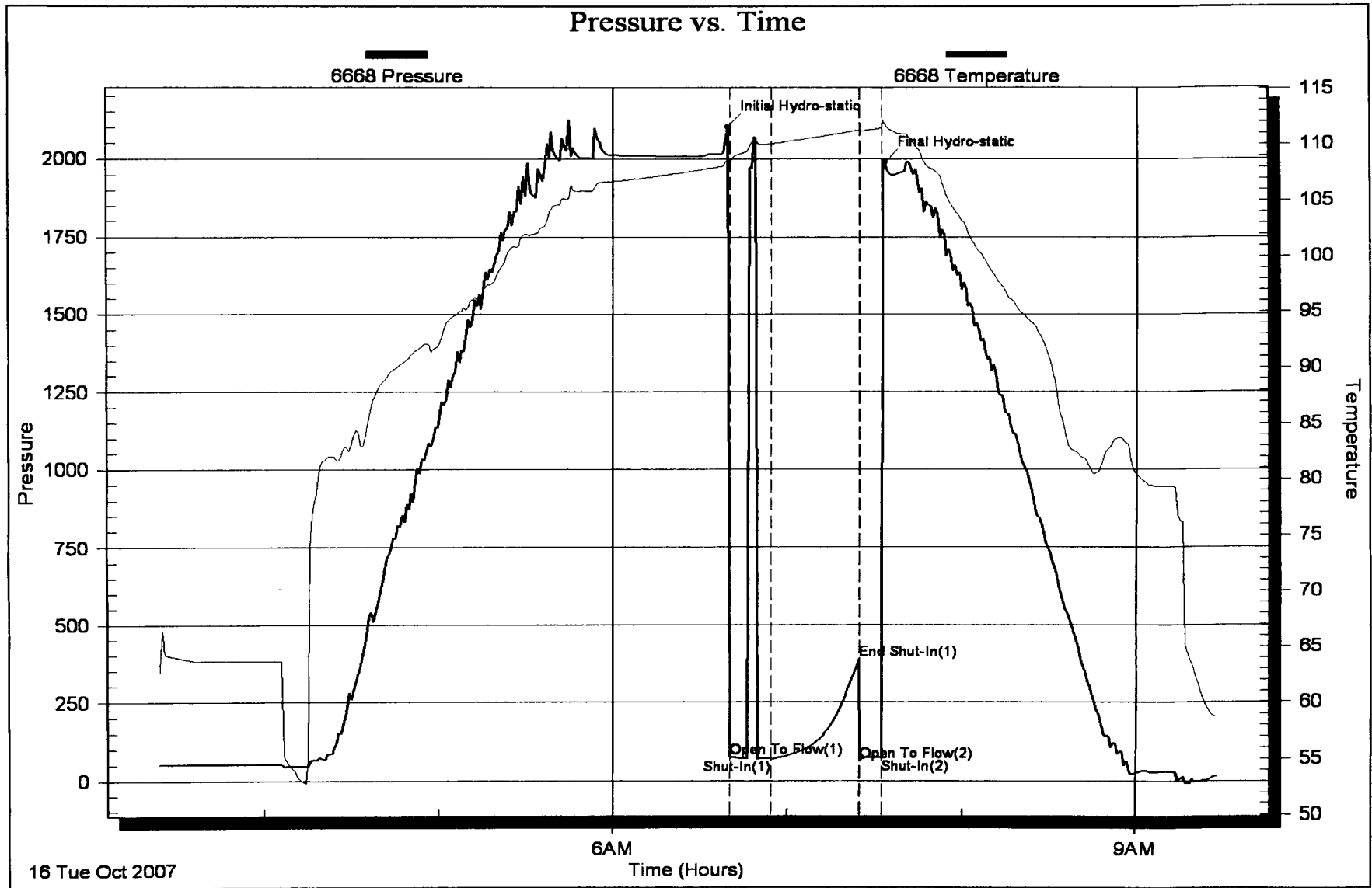
Num Gas Bombs: 0

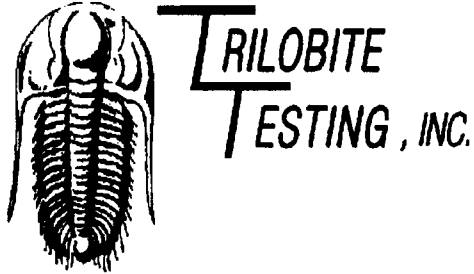
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.17 @ 14:29:44

End Date: 2007.10.17 @ 20:23:14

Job Ticket #: 26940 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc LLC

Lippoldt #1

20 23 19 Edwards KS

DST # 3

Miss.

2007.10.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26940

DST#: 3

ATTN: Jacob Porter

Test Start: 2007.10.17 @ 14:29:44

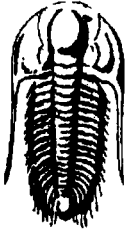
Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 60.72 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4479.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	79.00 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			4456.00	
Hydraulic tool	5.00			4461.00	
Jars	5.00			4466.00	
Safety Joint	3.00			4469.00	
Packer	5.00			4474.00	28.00 Bottom Of Top Packer
Packer	5.00			4479.00	
Recorder	0.00	6668	Inside	4479.00	
Perforations	6.00			4485.00	
Change Over Sub	1.00			4486.00	
Drill Pipe	31.00			4517.00	
Change Over Sub	1.00			4518.00	
Perforations	9.00			4527.00	
Recorder	0.00	13266	Outside	4527.00	
Bullnose	3.00			4530.00	51.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26940

DST#: 3

ATTN: Jacob Porter

Test Start: 2007.10.17 @ 14:29:44

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: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf

Total Length:

ft

Total Volume:

bbf

Num Fluid Samples: 0

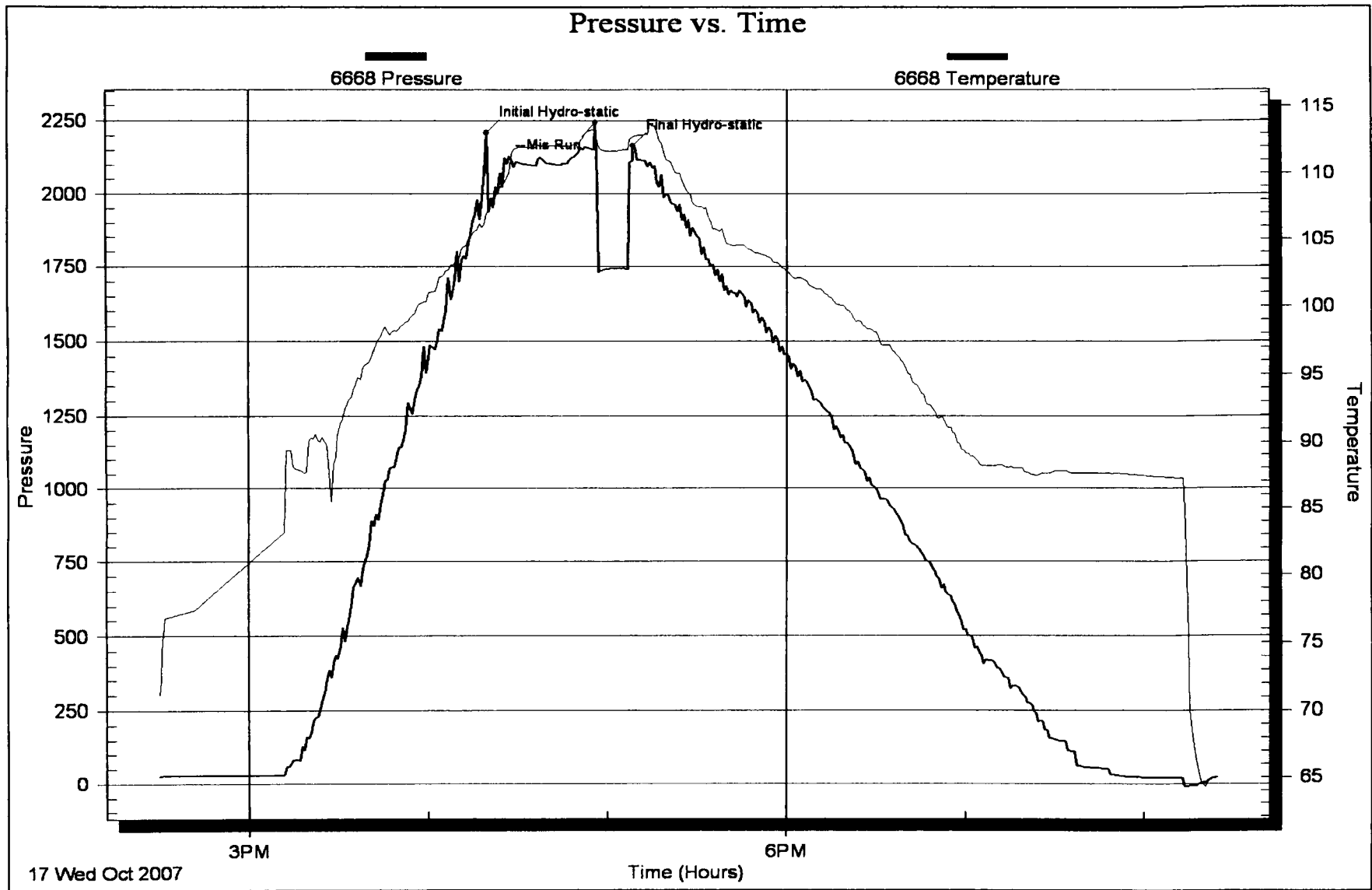
Num Gas Bombs: 0

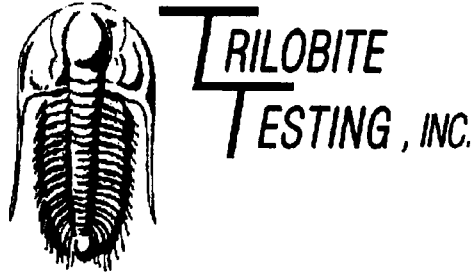
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.17 @ 20:36:06

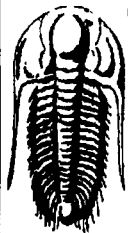
End Date: 2007.10.18 @ 01:39:06

Job Ticket #: 26941 DST #: 4

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 LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26941

DST#: 4

ATTN: Jacob Porter

Test Start: 2007.10.17 @ 20:36:06

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 22:17:06

Time Test Ended: 01:39:06

Test Type: **Conventional Bottom Hole**

Tester: **Travy Cushenbery**

Unit No: **30**

Interval: **4479.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Total Depth: **4530.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2237.00 ft (KB)**

2230.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 6668 **Inside**

Press@RunDepth: **75.95 psig @ 4479.00 ft (KB)**

Start Date: **2007.10.17**

End Date: **2007.10.18**

Capacity: **7000.00 psig**

Last Calib.: **2007.10.18**

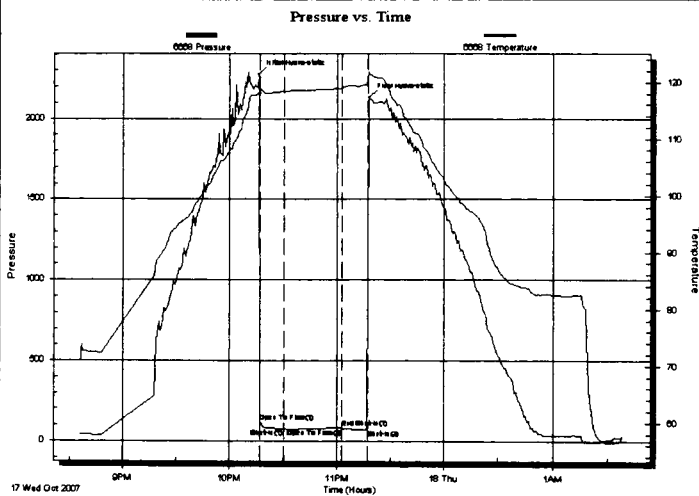
Start Time: **20:36:11**

End Time: **01:39:05**

Time On Btm: **2007.10.17 @ 22:16:36**

Time Off Btm: **2007.10.17 @ 23:17:51**

TEST COMMENT: IF Weak blow Building to 1/2 " in 15 mins.
ISI Bled off No blow back
FF Weak blow Building to 1/4 " in 20 mins. Blow died Pulled tool before final shut in
FSI -----



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2276.17	118.44	Initial Hydro-static
1	120.48	117.78	Open To Flow (1)
14	75.95	118.46	Shut-In(1)
46	85.83	118.93	End Shut-In(1)
47	78.11	119.02	Open To Flow (2)
61	69.18	119.63	Shut-In(2)
62	2132.92	121.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26941

DST#: 4

ATTN: Jacob Porter

Test Start: 2007.10.17 @ 20:36:06

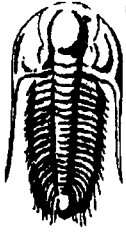
Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 60.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4479.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	79.00 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			4456.00	
Hydraulic tool	5.00			4461.00	
Jars	5.00			4466.00	
Safety Joint	3.00			4469.00	
Packer	5.00			4474.00	28.00 Bottom Of Top Packer
Packer	5.00			4479.00	
Recorder	0.00	6668	Inside	4479.00	
Perforations	6.00			4485.00	
Change Over Sub	1.00			4486.00	
Drill Pipe	31.00			4517.00	
Change Over Sub	1.00			4518.00	
Perforations	9.00			4527.00	
Recorder	0.00	13266	Outside	4527.00	
Bullnose	3.00			4530.00	51.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26941 **DST#: 4**

ATTN: Jacob Porter

Test Start: 2007.10.17 @ 20:36:06

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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10100.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

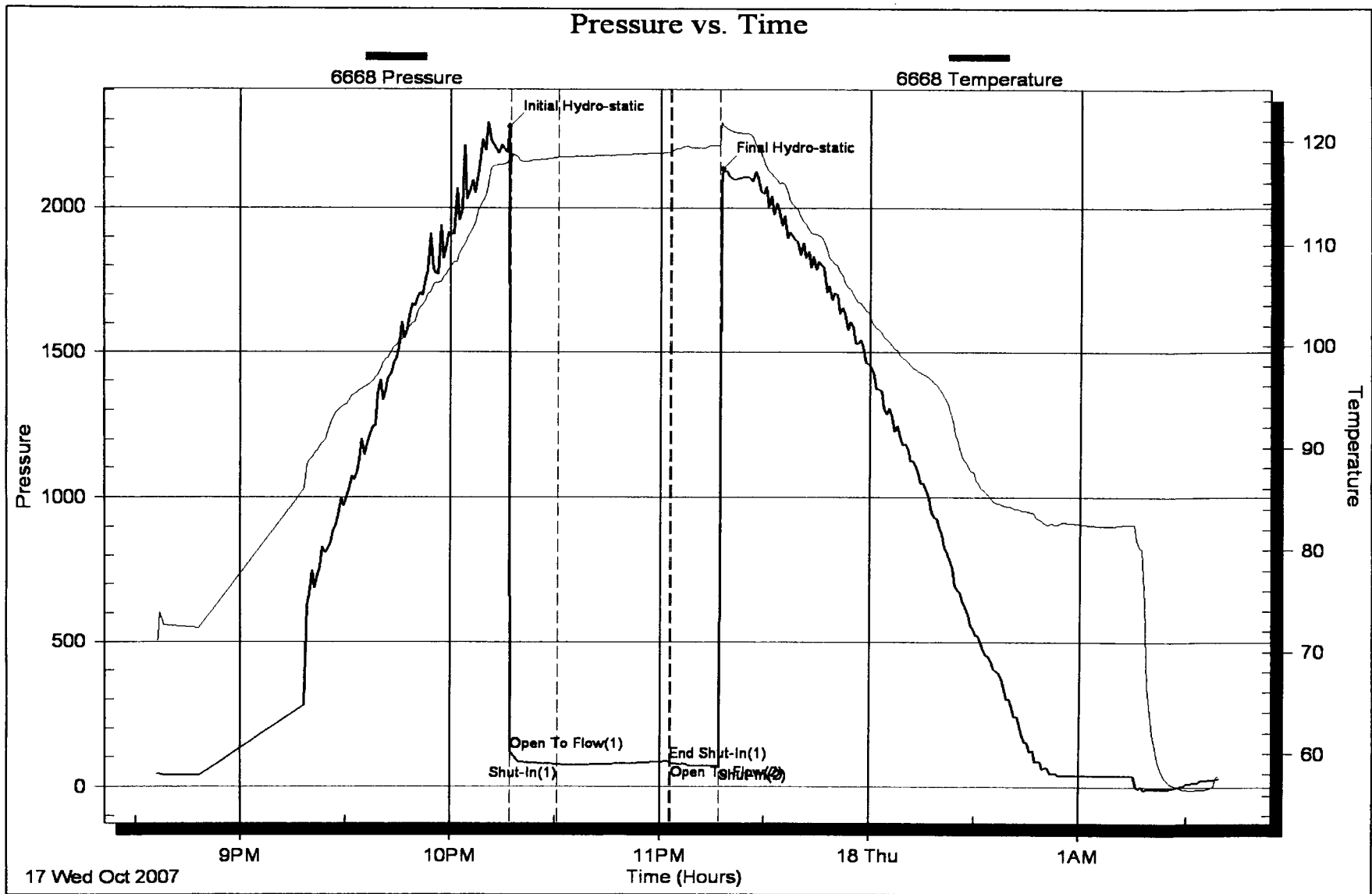
Length ft	Description	Volume bbl
10.00	100%M	0.049

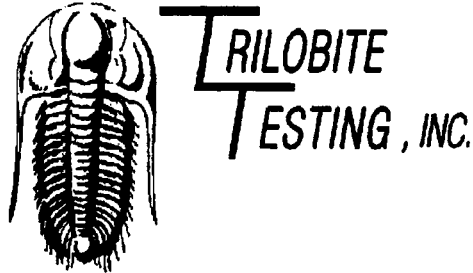
Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.18 @ 10:03:57

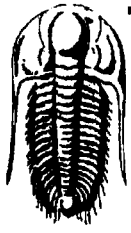
End Date: 2007.10.18 @ 15:12:57

Job Ticket #: 26942 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26942

DST#: 5

ATTN: Jacob Porter

Test Start: 2007.10.18 @ 10:03:57

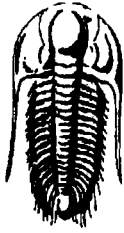
Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 60.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4478.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	87.00 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			4455.00	
Hydraulic tool	5.00			4460.00	
Jars	5.00			4465.00	
Safety Joint	3.00			4468.00	
Packer	5.00			4473.00	28.00 Bottom Of Top Packer
Packer	5.00			4478.00	
Recorder	0.00	6668	Inside	4478.00	
Perforations	6.00			4484.00	
Change Over Sub	1.00			4485.00	
Drill Pipe	31.00			4516.00	
Change Over Sub	1.00			4517.00	
Perforations	17.00			4534.00	
Recorder	0.00	13266	Outside	4534.00	
Bullnose	3.00			4537.00	59.00 Bottom Packers & Anchor

Total Tool Length: 87.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26942

DST#: 5

ATTN: Jacob Porter

Test Start: 2007.10.18 @ 10:03:57

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: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10100.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
70.00	100%M	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbf

Num Fluid Samples: 0

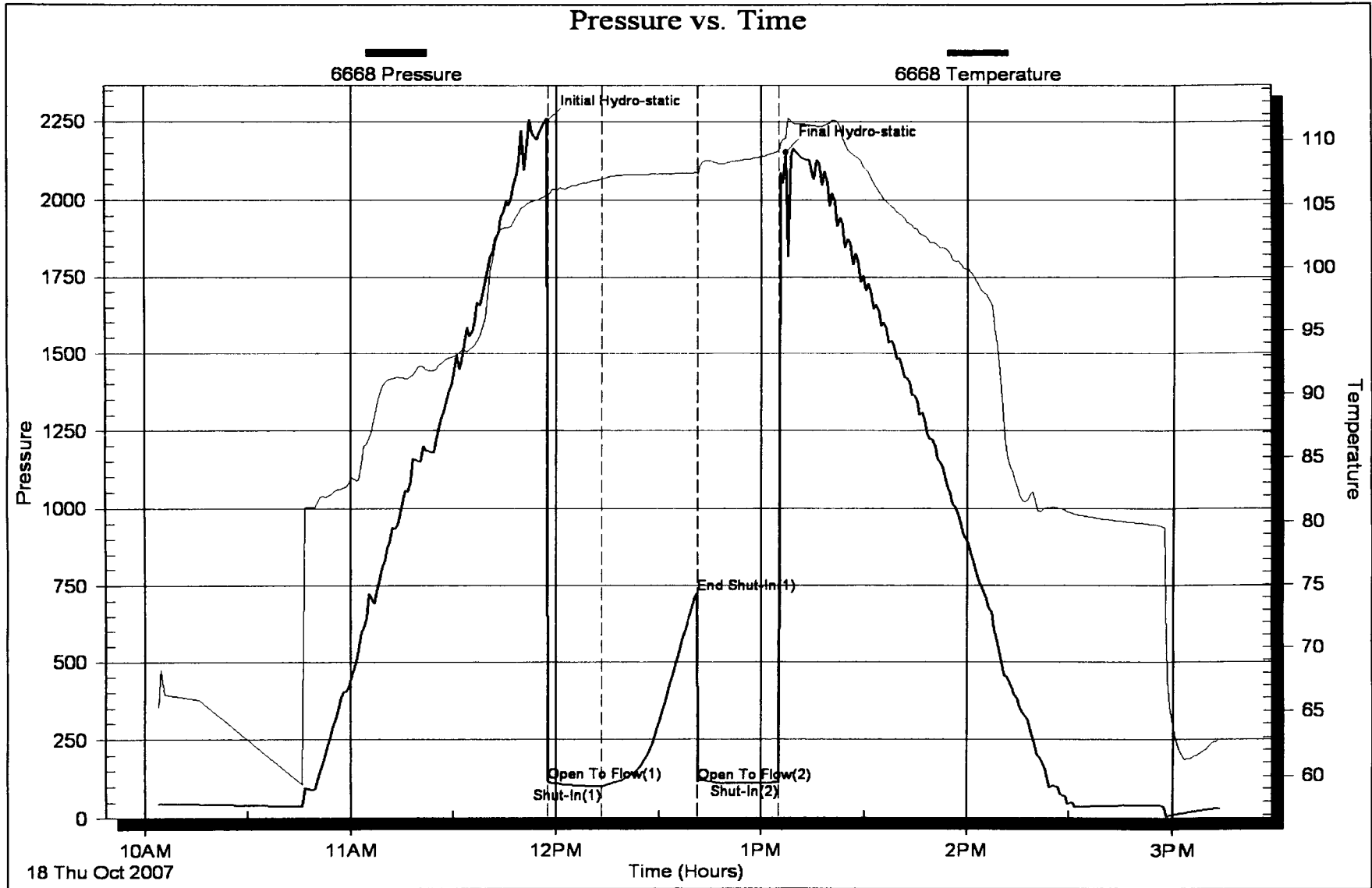
Num Gas Bombs: 0

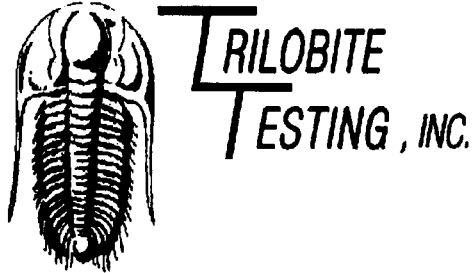
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc LLC**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

20 23 19 Edwards KS

Lippoldt #1

Start Date: 2007.10.18 @ 22:39:42

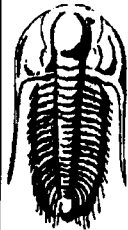
End Date: 2007.10.19 @ 06:38:12

Job Ticket #: 26943 DST #: 6

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 LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26943 **DST#: 6**

ATTN: Jacob Porter

Test Start: 2007.10.18 @ 22:39:42

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:09:57

Time Test Ended: 06:38:12

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **4477.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Reference Elevations: 2237.00 ft (KB)

Total Depth: 4550.00 ft (KB) (TVD)

2230.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 6668

Inside

Press@RunDepth: 163.62 psig @ 4477.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.10.18

End Date: 2007.10.19

Last Calib.: 2007.10.19

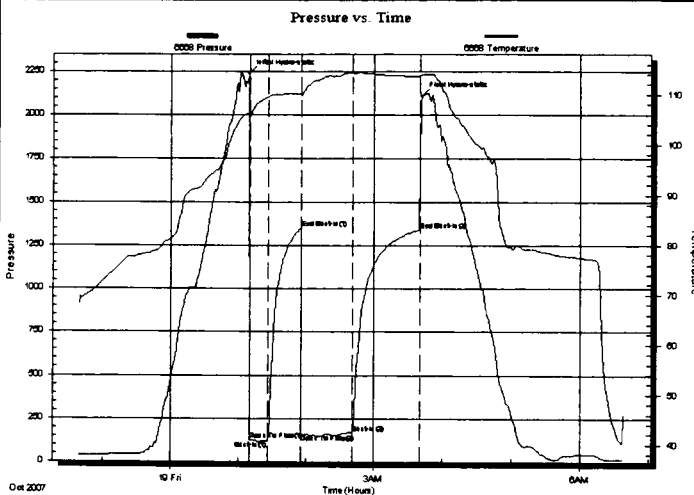
Start Time: 22:39:47

End Time: 06:38:11

Time On Btm: 2007.10.19 @ 01:08:57

Time Off Btm: 2007.10.19 @ 03:41:57

TEST COMMENT: IF Weak blow Building to 3 1/2 " in 15 mins.
ISI Bled off No blow back
FF Weak blow Building to 4 " in 45 mins.
FSI Bled off No blow back



PRESSURE SUMMARY

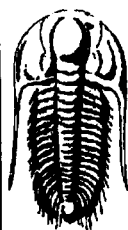
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2239.29	106.24	Initial Hydro-static
1	127.05	105.69	Open To Flow (1)
17	121.39	109.47	Shut-In(1)
47	1352.16	110.21	End Shut-In(1)
47	156.92	109.82	Open To Flow (2)
92	163.62	114.30	Shut-In(2)
152	1341.72	113.62	End Shut-In(2)
153	2107.32	113.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	100%M	0.30
60.00	100%M	0.30
60.00	WM 30%W 70%M	0.30
20.00	WM 10%W 90%M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Lippoldt #1
20 23 19 Edwards KS
 Job Ticket: 26943 **DST#: 6**
 Test Start: 2007.10.18 @ 22:39:42

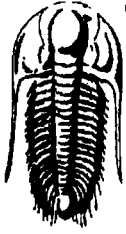
Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 230.00 ft	Diameter: 2.25 inches	Volume: 1.13 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 60.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4477.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.00 ft			
Tool Length:	101.00 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			4454.00	
Hydraulic tool	5.00			4459.00	
Jars	5.00			4464.00	
Safety Joint	3.00			4467.00	
Packer	5.00			4472.00	28.00 Bottom Of Top Packer
Packer	5.00			4477.00	
Recorder	0.00	6668	Inside	4477.00	
Perforations	6.00			4483.00	
Change Over Sub	1.00			4484.00	
Drill Pipe	31.00			4515.00	
Change Over Sub	1.00			4516.00	
Perforations	31.00			4547.00	
Recorder	0.00	13266	Outside	4547.00	
Bullnose	3.00			4550.00	73.00 Bottom Packers & Anchor

Total Tool Length: 101.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc LLC

Lippoldt #1

PO Box 47
Great Bend KS 67530

20 23 19 Edwards KS

Job Ticket: 26943

DST#: 6

ATTN: Jacob Porter

Test Start: 2007.10.18 @ 22:39:42

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:

21000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 14.38 in³

Gas Cushion Type:

Resistivity: 0.60 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	100%M	0.295
60.00	100%M	0.295
60.00	WM 30%W 70%M	0.295
20.00	WM 10%W 90%M	0.098

Total Length: 200.00 ft

Total Volume: 0.983 bbl

Num Fluid Samples: 0

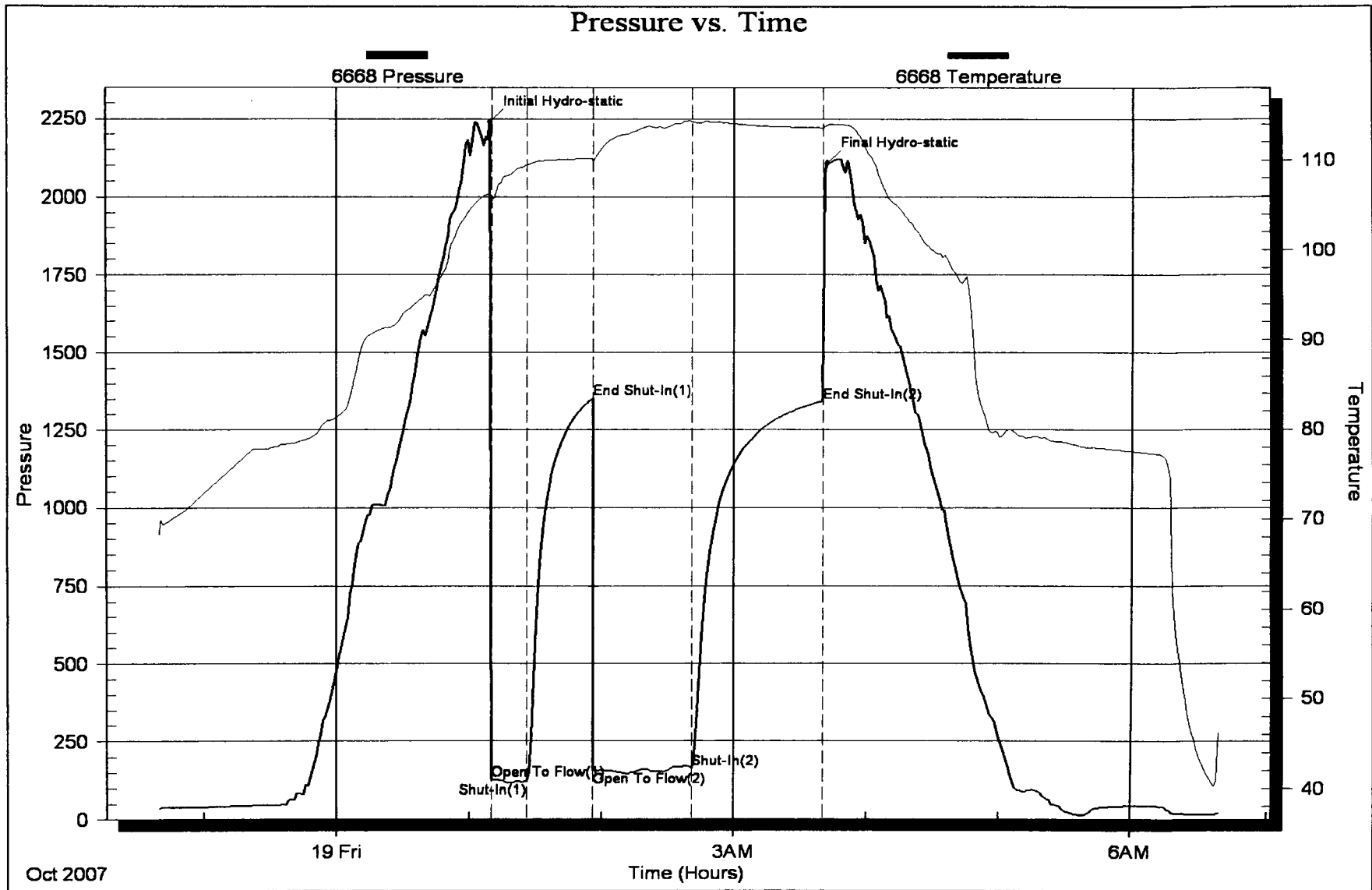
Num Gas Bombs: 0

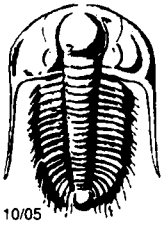
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26938
RECEIVED
OCT 18 2007

BY: _____

Test Ticket

10811

Well Name & No. Lippoldt #1 Test No. #1 Date 10-15-07
 Company Carmen Schmitt Inc. Zone Tested Lansing K
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2237' KB 2230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling LLC
 Location: Sec. 20 Twp. 23s Rge. 19W Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4185' - 4210' Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 48,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth _____ 4140' Tool Weight 2,100 lbs.
 Bottom Packer Depth _____ 4185' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ 4210' Wt. Pipe Run NONE Drill Collar Run 230'
 Mud Wt. 9.0 LCM Tr Vis. 46 WL 8.8 Drill Pipe Size 4 1/2 XH Ft. Run 3935'

Blow Description IF: Weak blow. Building to 1" in 15 mins.
IST: Bled off. no blowback.
FF: Weak blow. Building to 1 1/4" in 45 mins.
FSI: Bled off. no blowback.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
10	—	188'	—
58	Feet of <u>GW Out M</u>	2 %gas 26 %oil 26 %water 46 %mud	
60	Feet of <u>GW M w/sum of Oil</u>	2 %gas — %oil 38 %water 60 %mud	
60	Feet of <u>Muddy Water</u>	— %gas — %oil 74 %water 26 %mud	
60	Feet of <u>Muddy Water</u>	— %gas — %oil 60 %water 40 %mud	

BHT 117 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .1 @ 58 °F Chlorides _____ ppm Recovery 95,000 Chlorides 6,700 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2,057</u>	PSI	<u>6668</u>	<input checked="" type="checkbox"/> <u>1200</u>
(B) First Initial Flow Pressure	<u>72</u>	PSI	(depth) <u>4185'</u>	Jars <input checked="" type="checkbox"/> <u>250</u>
(C) First Final Flow Pressure	<u>95</u>	PSI	Recorder No. <u>13266</u>	Safety Jt. <input checked="" type="checkbox"/> <u>75</u>
(D) Initial Shut-In Pressure	<u>1,231</u>	PSI	(depth) <u>4207</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>100</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>135</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,214</u>	PSI	Initial Opening <u>15 mins.</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1,969</u>	PSI	Initial Shut-In <u>30 mins.</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.

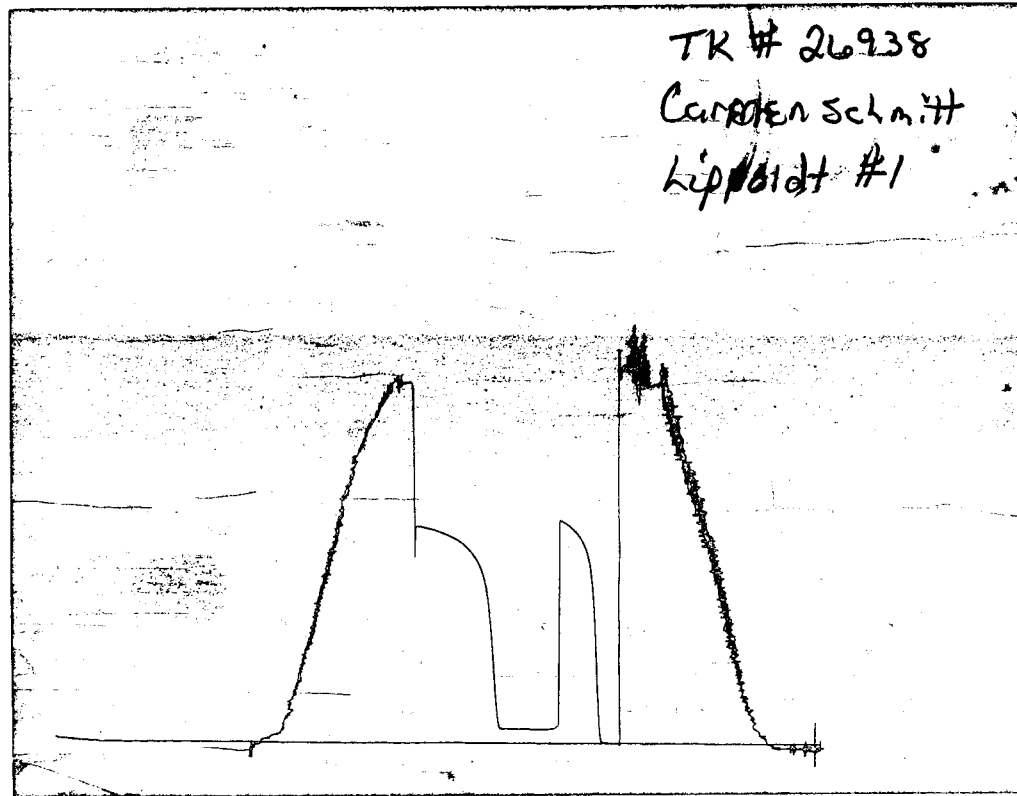
Approved By Jacob L. Porter
 Our Representative Tracy Cushman

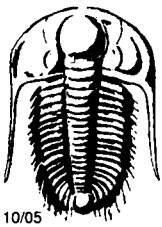
T-Started 11:07
 T-Open 13:21
 T-Pulled 15:51
 T-Out 18:45

Final Flow 45 mins.
 Final Shut-In 60 mins.
 T-On Location 09:30
 Ruined Packer 167.50
 Mileage 134 miles
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: \$1692.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

26939
RECEIVED
OCT 18 2007

BY: _____

Test Ticket

Well Name & No. Lippoldt #1 Test No. #2 Date 10-16-07
 Company Carmen Schmitt Inc. Zone Tested Lansing K
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2237' KB 2230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling
 Location: Sec. 20 Twp. 23s Rge. 19w Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4216' - 4235' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth _____ Tool Weight 2,100 lbs.
 Bottom Packer Depth _____ Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4235' Wt. Pipe Run NONE Drill Collar Run 230'
 Mud Wt. 9.2 LCM 0 Vis. 51 WL 10.4 Drill Pipe Size 4 1/2 XH Ft. Run 3965'
 Blow Description IF: Weak blow. Died off. Flushed tool. Still no blow during 15 mins.
ISI: Bled off. No blow back.
FF: Opened tool. No blow. Pulled off bottom.
FSI: _____

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>5</u>	_____	<u>5</u>	_____
Rec. <u>5</u> Feet of <u>mud</u>		<u>0</u> %gas <u>0</u> %oil <u>0</u> %water <u>100</u> %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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>6,400</u> ppm System			

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2,101</u>	PSI	<u>6668</u>	<u>✓ 1200</u>
(B) First Initial Flow Pressure	<u>75</u>	PSI	<u>4216'</u>	<u>✓ 250</u>
(C) First Final Flow Pressure	<u>70</u>	PSI	<u>13266</u>	<u>✓ 75</u>
(D) Initial Shut-In Pressure	<u>387</u>	PSI	<u>4232'</u>	
(E) Second Initial Flow Pressure	<u>62</u>	PSI		
(F) Second Final Flow Pressure	<u>73</u>	PSI		
(G) Final Shut-In Pressure <u>Pulled Before we shut in.</u>	<u>1988</u>	PSI	<u>15 mins.</u>	
(Q) Final Hydrostatic Mud	<u>1988</u>	PSI	<u>30 mins.</u>	
			<u>5 mins.</u>	
			<u>_____ mins.</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.

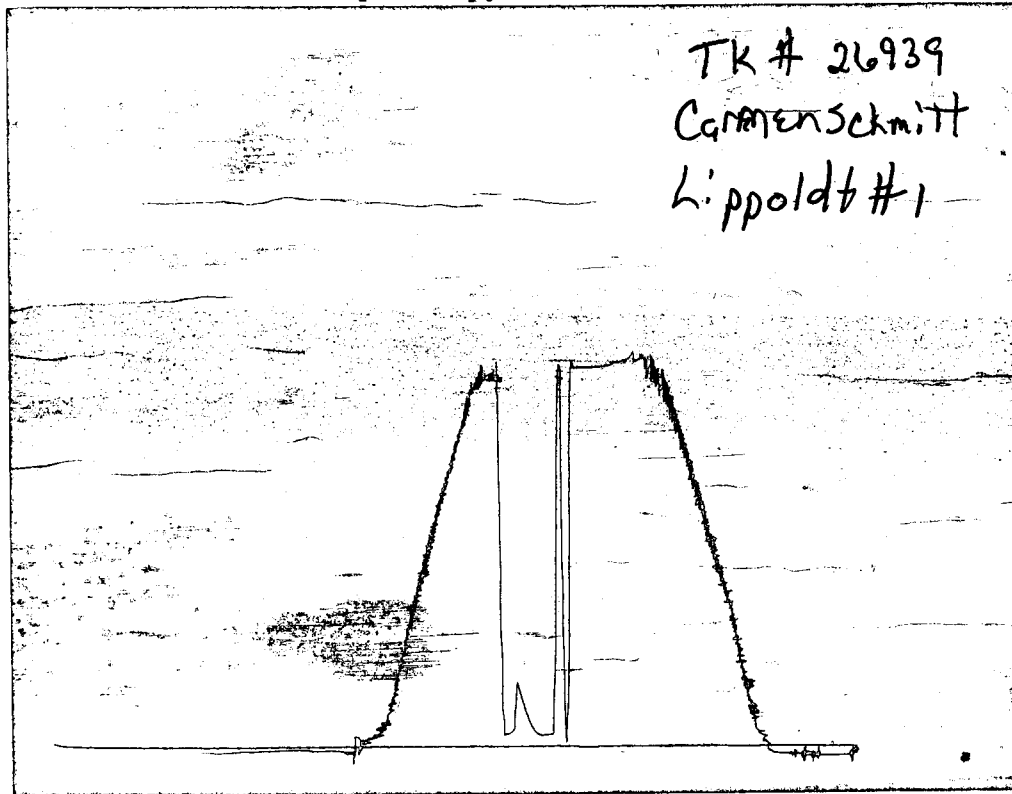
Approved By Jacob L. Porter
 Our Representative Navy Cushman

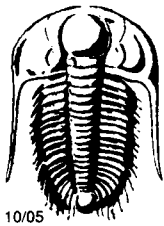
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>01:00</u>	<u>03:24</u>	<u>06:38</u>	<u>07:28</u>	<u>09:26</u>

Ext. Packer _____
 Shale Packer _____
 Ruined Packer 167.50
 Mileage ✓ 134 miles
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: \$1692.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

Pin in Circ. Sub. 26940
BROKE
Miss Run
BY: _____

RECEIVED
OCT 22 2007

Test Ticket

Well Name & No. Lippoldt #1 Test No. #3 Date 10-17-07
 Company Carmen Schmitt Inc. Zone Tested Miss.
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2237' KB 2230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling.
 Location: Sec. 20 Twp. 23s Rge. 19w Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4479' - 4530' Initial Str Wt./Lbs. 68,000 Unseated Str Wt/Lbs. 68,000
 Anchor Length 51' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4474' Tool Weight 2,100 lbs.
 Bottom Packer Depth 4479' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4530' Wt. Pipe Run NONE Drill Collar Run 230'
 Mud Wt. 8.6 LCM 1 Vis. 57 WL 11.2 Drill Pipe Size 4 1/2 XH Ft. Run 4248'

Blow Description IF: Weak blow before tool was on bottom and opened.
Set tool down. Opened tool. Tried to test, pulled tool off
bottom. Getting hole in drill pipe. (Miss Run)
Pin in circulating sub broke.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
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 _____	
Rec. _____	Feet of _____	%gas _____ %oil _____ %water _____ %mud _____	

BHT _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 10,100 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2210</u> PSI	<u>66668</u>	<u>144250</u> ✓
(B) First Initial Flow Pressure		PSI	<u>4479'</u>	Jars ✓
(C) First Final Flow Pressure		PSI	<u>13266</u>	Safety Jt. ✓
(D) Initial Shut-In Pressure		PSI	<u>4527'</u>	Circ Sub ✓
(E) Second Initial Flow Pressure	<u>Miss Run</u>	PSI	_____	Sampler
(F) Second Final Flow Pressure		PSI	_____	Straddle
(G) Final Shut-In Pressure		PSI	<u>Initial Opening 15 mins.</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>2116</u>	PSI	<u>Initial Shut-In mins.</u>	Shale Packer
			<u>Final Flow mins.</u>	Ruined Packer
			<u>Final Shut-In mins.</u>	Mileage <u>134 miles</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

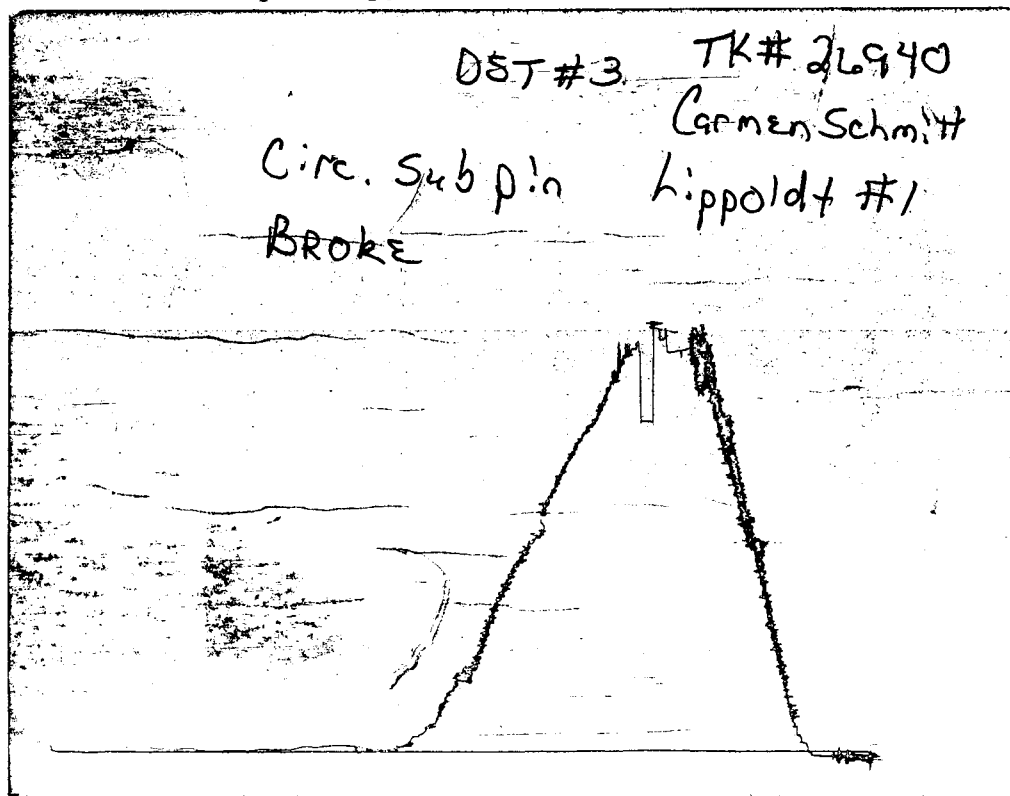
Our Representative Tracy Cushman

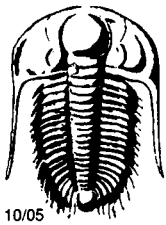
T-On Location	T-Started	T-Open	T-Pulled	T-Out
<u>12:00</u>	<u>14:29</u>	<u>16:54</u>		<u>20:22</u>

Sub Total: _____
 Std. By: _____
 Acc. Chg: 41950
 Other: to fight in
 Total: 325

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/17/07
OCT 22 2007

BY: _____

Test Ticket

Well Name & No. Lippaldt #1 Test No. #4 Date 10-17-07
 Company Carmen Schmitt Inc. Zone Tested Miss.
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2237' KB 2230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling
 Location: Sec. 20 Twp. 23s Rge. 19w Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4479' - 4530' Initial Str Wt./Lbs. 50,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth _____ Tool Weight 2,100 lbs.
 Bottom Packer Depth _____ Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ Wt. Pipe Run NONE Drill Collar Run 230'
 Mud Wt. 8.6 LCM 1 Vis. 57 WL 11.2 Drill Pipe Size 4 1/2 x H Ft. Run 4248'
 Blow Description IF: Weak blow. Building to 1/2" in 15 mins.
TSI: Bled off. No blow back.
FF: Weak blow. Building to 1/4" in 20 mins. Blow died.
Pulled tool before final shut in.

Recovery - Total Feet 10 GIP _____ Ft. in DC 10 Ft. in DP _____
 Rec. 10 Feet of Mud %gas _____ %oil _____ %water 100 %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 119 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 10,100 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2,276</u> PSI	<u>66668</u>	<u>✓ 1200</u>
(B) First Initial Flow Pressure		<u>120</u> PSI	(depth) <u>4479'</u>	Jars <u>✓ 250</u>
(C) First Final Flow Pressure		<u>76</u> PSI	Recorder No. <u>13266</u>	Safety Jt. <u>✓ 75</u>
(D) Initial Shut-In Pressure		<u>86</u> PSI	(depth) <u>4527'</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>78</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>69</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>Pulled before shut in.</u>	PSI	Initial Opening <u>15 mins.</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2,133</u> PSI	Initial Shut-In <u>30 mins.</u>	Shale Packer _____

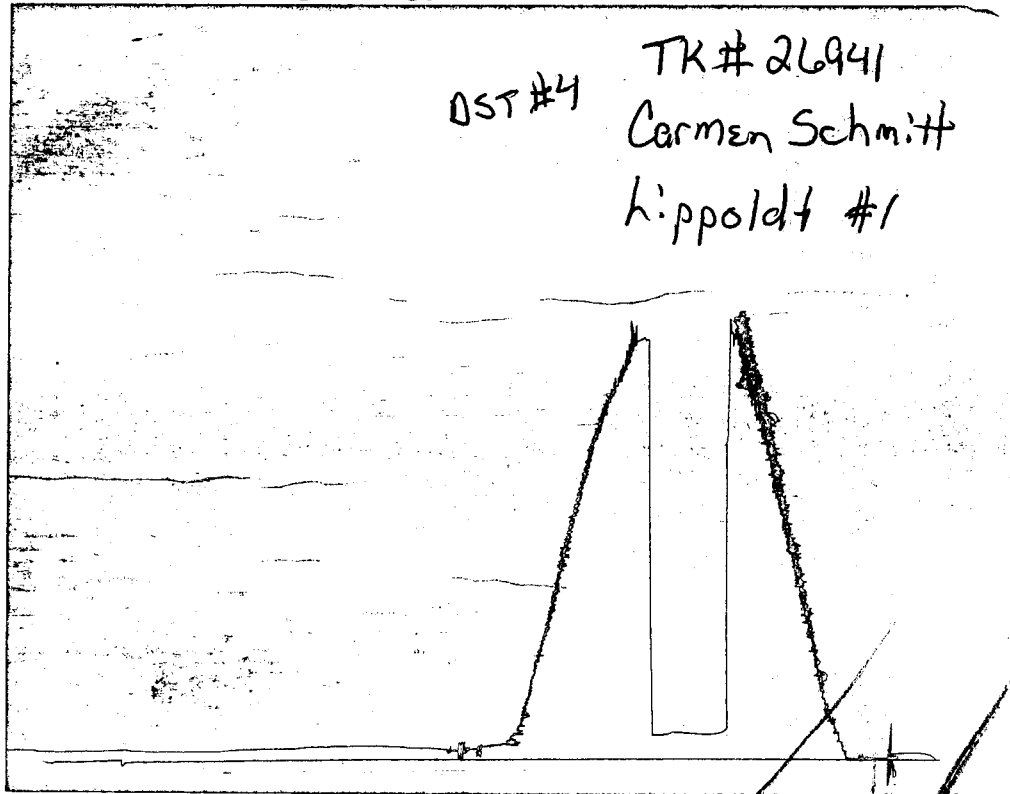
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

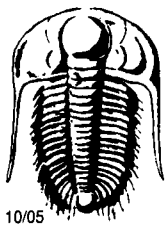
Approved By Jacob L Porter
 Our Representative Travis Sutherland

Final Flow 22 mins. Ruined Packer 16750
 Final Shut-In — mins. Mileage ✓ 134 miles
 T-On Location 12:00 Sub Total: _____
 T-Started 20:35 Std. By: _____
 T-Open 22:15 Acc. Chg: _____
 T-Pulled 23:22 Other: _____
 T-Out 01:38 Total: 11692.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26942

RECEIVED
OCT 22 2007

Test Ticket

BY: _____

Well Name & No. Lippoldt #1 Test No. # 5 Date 10-18-07
 Company Carmen Schmitt Inc. Zone Tested Miss.
 Address P.O. Box 47 Great Bend KS 67530 Elevation 2237' KB 2,230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling
 Location: Sec. 20 Twp. 23S Rge. 19W Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4478' - 4537' Initial Str Wt./Lbs. 50,000 Unseated Str Wt/Lbs. 50,000
 Anchor Length _____ Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 82,000
 Top Packer Depth _____ Tool Weight 2,100 lbs.
 Bottom Packer Depth _____ Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth _____ Wt. Pipe Run NONE Drill Collar Run 230'
 Mud Wt. 8.6 LCM 1 Vis. 57 WL 11.2 Drill Pipe Size 4 1/2 XH Ft. Run 4248'

Blow Description IF: Weak blow. Building to 1/2" in 15 mins.
ISL: Bled off. No blowback.
FF: Weak blow. Building to 1/4" in 5 mins. Slowly decreased to 1/8" after 22 mins, bkt died.
FSI: Pulled tool off bottom before F.S.I.

Recovery - Total Feet 70 GIP _____ Ft. in DC 70 Ft. in DP _____
 Rec. 70 Feet of Mud 0% gas 0% oil 0% water 100% 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 _____ °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 10,100 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2,251	PSI	<u>6668</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>116</u>	PSI	<u>4478'</u>	<u>250</u>
(C) First Final Flow Pressure	<u>101</u>	PSI	<u>13266</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>725</u>	PSI	<u>4534'</u>	
(E) Second Initial Flow Pressure	<u>114</u>	PSI		
(F) Second Final Flow Pressure	<u>112</u>	PSI		
(G) Final Shut-In Pressure	<u>Pulled before</u>	PSI	<u>Initial Opening</u>	<u>15 mins.</u>
(Q) Final Hydrostatic Mud	<u>shutting</u>	PSI	<u>Initial Shut-In</u>	<u>30 mins.</u>
			<u>Final Flow</u>	<u>28 mins.</u>
			<u>Final Shut-In</u>	<u>mins.</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

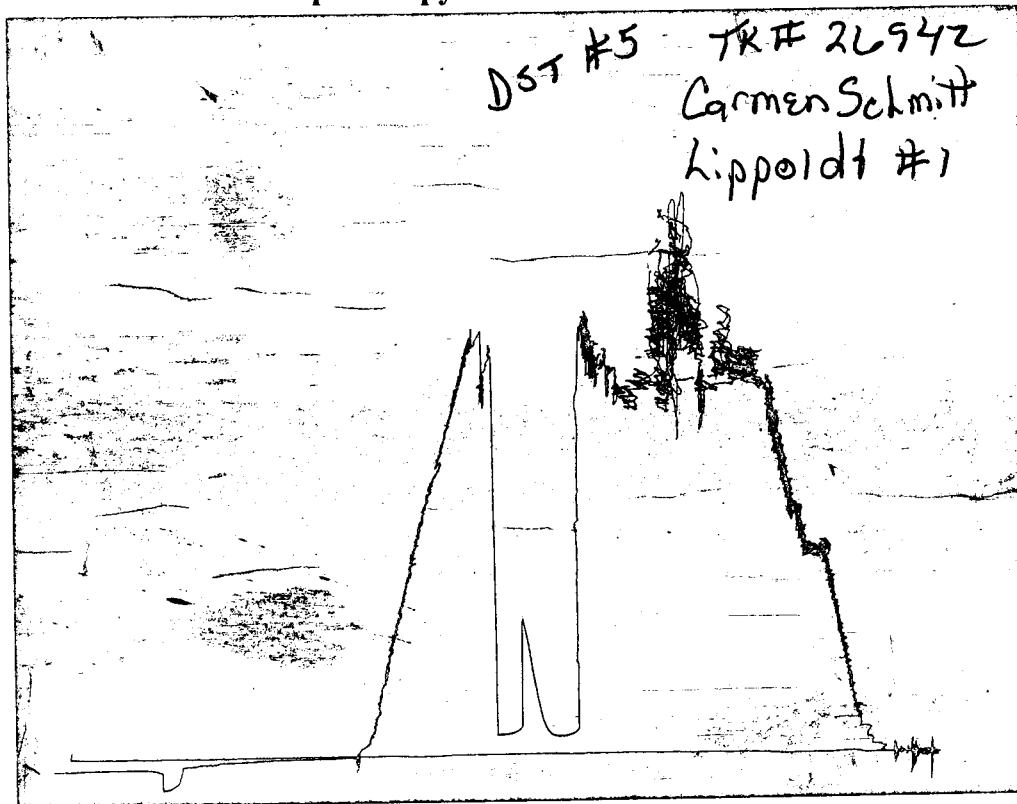
Our Representative Tracy Cushman

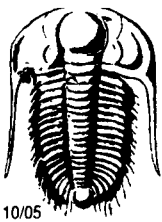
T-On Location 08:50
 T-Started 10:03
 T-Open 11:54
 T-Pulled 13:02
 T-Out 15:12

Ruined Packer 260
 Mileage 134 miles
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: \$1952.50

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26943
Oct 2 2007

BY: _____

Test Ticket

Well Name & No. Lippoldt #1 Test No. #6 Date 10-18-07
 Company Carmen Schmitt Inc. Zone Tested Miss.
 Address P.O. Box 47 Greed Bend KS 67530 Elevation 2237 KB 2230' GL
 Co. Rep / Geo. Jacob Porter Rig Landmark Drilling
 Location: Sec. 20 Twp. 23s Rge. 19w Co. Edwards State KS
 Comment: _____ Release date / time: _____

Interval Tested 4477' - 4550' Initial Str Wt./Lbs. 52,000 Unseated Str Wt./Lbs. 52,000
 Anchor Length 73' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4472' Tool Weight 2,100 lbs.
 Bottom Packer Depth 4477' Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4550' Wt. Pipe Run NONE Drill Collar Run 250'
 Mud Wt. 9.3 LCM 0 Vis. 51 WL 14.4 Drill Pipe Size 4 1/2 X 4 Ft. Run 4248'

Blow Description IF: Weak blow. Building to 3 1/2" in 15 mins.
ISI: Bled off. No blow back.
FF: Weak blow. Building to 4" in 45 mins.
FSI: Bled off. No blow back.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>250'</u>	<u>—</u>	<u>240'</u>	<u>20'</u>
Rec. <u>60</u> Feet of <u>Mud</u>		<u>0% gas</u> <u>0% oil</u> <u>0% water</u> <u>100% mud</u>	
Rec. <u>60</u> Feet of <u>Mud</u>		<u>0% gas</u> <u>0% oil</u> <u>0% water</u> <u>100% mud</u>	
Rec. <u>60</u> Feet of <u>Watery Mud</u>		<u>0% gas</u> <u>0% oil</u> <u>30% water</u> <u>70% mud</u>	
Rec. <u>20'</u> Feet of <u>Watery Mud</u>		<u>0% gas</u> <u>0% oil</u> <u>10% water</u> <u>90% mud</u>	
Rec. _____ Feet of _____		<u>% gas</u> <u>% oil</u> <u>% water</u> <u>% mud</u>	
BHT <u>114</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW <u>.6</u> @ <u>37</u> °F Chlorides _____ ppm Recovery <u>21,000</u> Chlorides <u>14,400</u> ppm System			

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2,239</u>	PSI	<u>66668</u>	<u>✓ 1200</u>
(B) First Initial Flow Pressure	<u>127</u>	PSI	(depth) <u>4477'</u>	Jars <u>✓ 250</u>
(C) First Final Flow Pressure	<u>121</u>	PSI	Recorder No. <u>13266</u>	Safety Jt. <u>✓ 75</u>
(D) Initial Shut-In Pressure	<u>1,352</u>	PSI	(depth) <u>4547'</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>157</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>164</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1,342</u>	PSI	Initial Opening <u>15 mins.</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2,107</u>	PSI	Initial Shut-In <u>30 mins.</u>	Shale Packer _____
			Final Flow <u>45 mins.</u>	Ruined Packer <u>167.50</u>
			Final Shut-In <u>60 mins.</u>	Mileage <u>✓ 134 miles</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
 Our Representative Tracy Cushman

T-On Location 20:50
 T-Started 22:39
 T-Open 01:07
 T-Pulled 03:37
 T-Out 06:37
 Sub Total: _____
 Std. By: _____
 Acc. Chg: _____
 Other: _____
 Total: 81692.50

CHART PAGE

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

