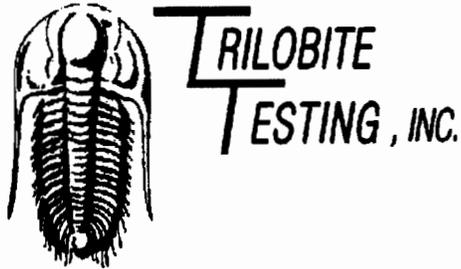


15-171-20733

35-19s-31w



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend KS 67530

ATTN: Tom Funk

35 19 31 Scott KS

Elinor #1

Start Date: 2009.10.26 @ 04:45:00

End Date: 2009.10.26 @ 13:03:50

Job Ticket #: 37576 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Carmen Schmitt Inc.

Elinor #1

35 19 31 Scott KS

DST # 1

"L"

2009.10.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt Inc.
PO Box 47
Great Bend KS 67530
ATTN: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 37576 **DST#: 1**
Test Start: 2009.10.26 @ 04:45:00

GENERAL INFORMATION:

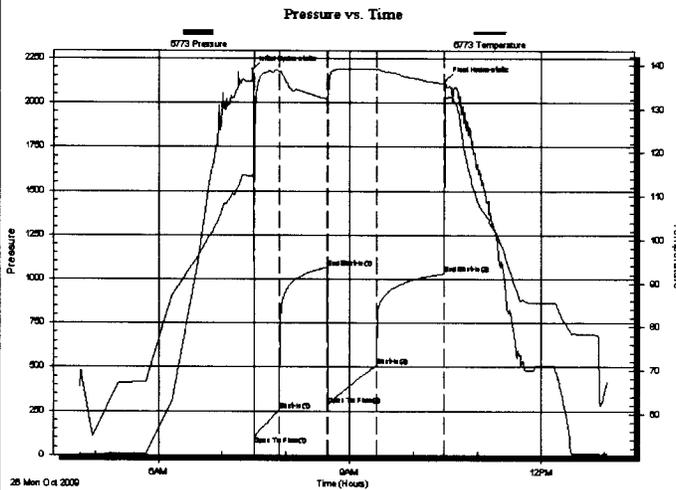
Formation: "L"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:30:00
Time Test Ended: 13:03:50
Interval: **4330.00 ft (KB) To 4346.00 ft (KB) (TVD)**
Total Depth: 4346.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Reference Elevations: 2967.00 ft (KB)
2957.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6773

Inside

Press@RunDepth: 509.00 psig @ 4332.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.10.26 End Date: 2009.10.26 Last Calib.: 2009.10.26
Start Time: 04:45:05 End Time: 13:03:50 Time On Btrm: 2009.10.26 @ 07:28:50
Time Off Btrm: 2009.10.26 @ 10:29:29

TEST COMMENT: IF- Strong blow BOB 9min.
IS- No blow back.
FF- Strong blow BOB 8min.
FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.36	114.80	Initial Hydro-static
2	60.61	115.15	Open To Flow (1)
26	254.60	138.53	Shut-In(1)
71	1066.30	132.32	End Shut-In(1)
72	284.70	132.66	Open To Flow (2)
118	509.00	138.98	Shut-In(2)
180	1030.81	135.78	End Shut-In(2)
181	2124.04	132.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1250.00	30% mud 70% water	14.15

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: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 37576 **DST#: 1**
Test Start: 2009.10.26 @ 04:45:00

Tool Information

Drill Pipe:	Length: 3950.00 ft	Diameter: 3.80 inches	Volume: 55.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 372.00 ft	Diameter: 2.25 inches	Volume: 1.83 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 57.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4330.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 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			4311.00	
Shut In Tool	5.00			4316.00	
Hydraulic tool	5.00			4321.00	
Packer	5.00			4326.00	20.00 Bottom Of Top Packer
Packer	4.00			4330.00	
Stubb	1.00			4331.00	
Perforations	1.00			4332.00	
Recorder	0.00	8355	inside	4332.00	
Recorder	0.00	6773	inside	4332.00	
Perforations	11.00			4343.00	
Bullnose	3.00			4346.00	16.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

Elinor #1

PO Box 47
Great Bend KS 67530

35 19 31 Scott KS

Job Ticket: 37576

DST#: 1

ATTN: Tom Funk

Test Start: 2009.10.26 @ 04:45:00

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:

35000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1250.00	30% mud 70% water	14.145

Total Length: 1250.00 ft Total Volume: 14.145 bbl

Num Fluid Samples: 0

Num Gas Borings: 0

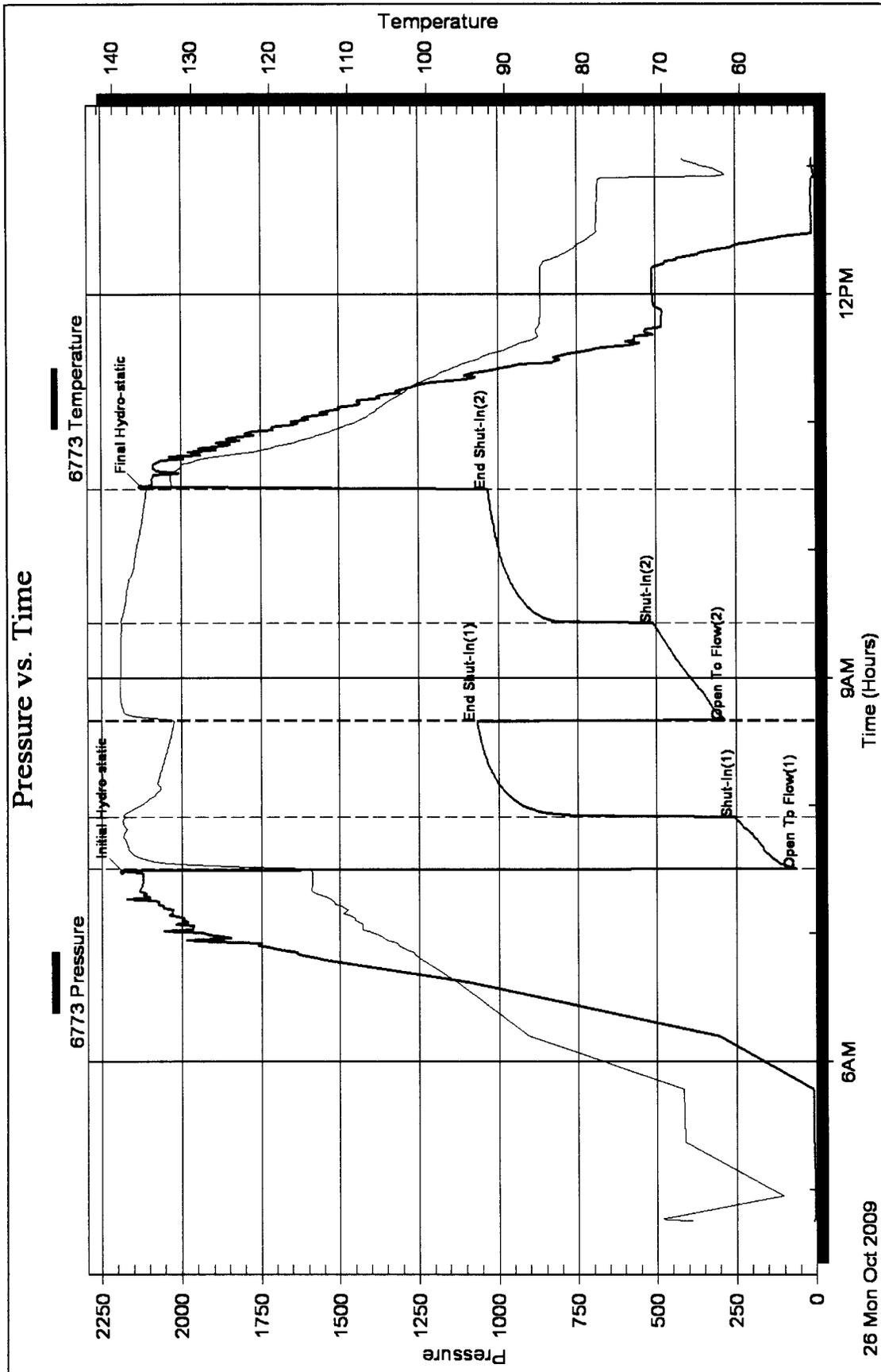
Serial #:

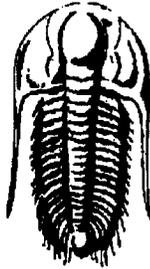
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .2 @ 70F = 35000 ppm chlorides

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend KS 67530

ATTN: Tom Funk

35 19 31 Scott KS

Elinor #1

Start Date: 2009.10.27 @ 06:11:39

End Date: 2009.10.27 @ 12:06:03

Job Ticket #: 35288 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Carmen Schmitt Inc.

Elinor #1

35 19 31 Scott KS

DST # 2

Altamont B

2009.10.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt Inc.
PO Box 47
Great Bend KS 67530
ATTN: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 35288 **DST#: 2**
Test Start: 2009.10.27 @ 06:11:39

GENERAL INFORMATION:

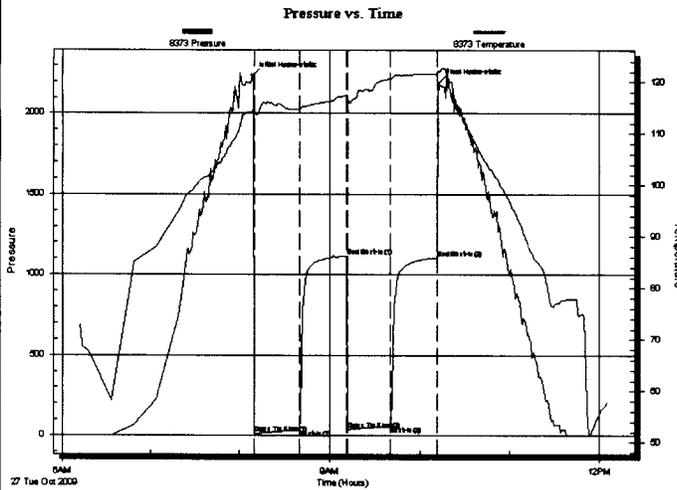
Formation: **Altamont B**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:09:49
Time Test Ended: 12:06:03
Test Type: Conventional Bottom Hole
Tester: Brandon Turley
Unit No: 35
Interval: **4440.00 ft (KB) To 4470.00 ft (KB) (TVD)**
Reference Elevations: 2967.00 ft (KB)
Total Depth: 4470.00 ft (KB) (TVD) 2957.00 ft (CF)
Hole Diameter: 7.78 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 58.02 psig @ 4441.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2009.10.27 End Date: 2009.10.27 Last Calib.: 2009.10.27
Start Time: 06:11:39 End Time: 12:06:03 Time On Btrm: 2009.10.27 @ 08:08:19
Time Off Btrm: 2009.10.27 @ 10:12:19

TEST COMMENT: IF: 1/4 blow built to 2 in 30 min.
IS: No return.
FF: Surface blow built to 1 1/2 in 30 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.58	114.21	Initial Hydro-static
2	11.07	114.24	Open To Flow (1)
32	35.71	114.77	Shut-In (1)
63	1114.69	117.50	End Shut-In (1)
64	37.45	116.97	Open To Flow (2)
92	58.02	120.68	Shut-In (2)
123	1105.22	121.63	End Shut-In (2)
124	2189.87	122.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	w cm 5%w 95%m	0.30
30.00	mud 100%m	0.15

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: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 35288 **DST#: 2**
Test Start: 2009.10.27 @ 06:11:39

Tool Information

Drill Pipe:	Length: 4288.00 ft	Diameter: 3.80 inches	Volume: 60.15 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 153.00 ft	Diameter: 2.25 inches	Volume: 0.75 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 60.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4440.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 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			4421.00	
Shut In Tool	5.00			4426.00	
Hydraulic tool	5.00			4431.00	
Packer	5.00			4436.00	20.00 Bottom Of Top Packer
Packer	4.00			4440.00	
Stubb	1.00			4441.00	
Recorder	0.00	6772	Inside	4441.00	
Recorder	0.00	8373	Inside	4441.00	
Perforations	24.00			4465.00	
Bullnose	5.00			4470.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.
PO Box 47
Great Bend KS 67530
ATTN: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 35288 **DST#: 2**
Test Start: 2009.10.27 @ 06:11:39

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2800.00 ppm			
Filter Cake: 1.00 inches			

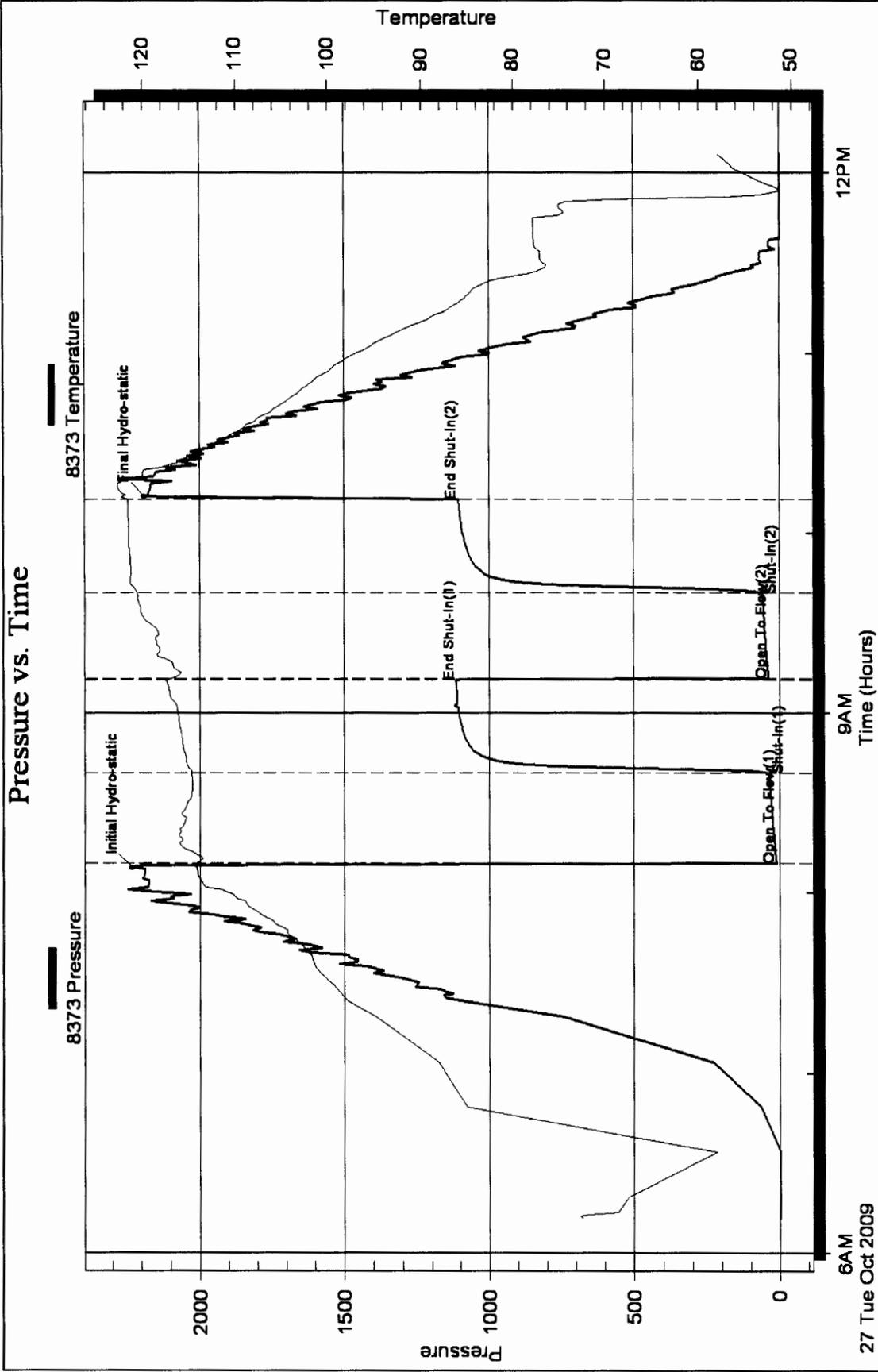
Recovery Information

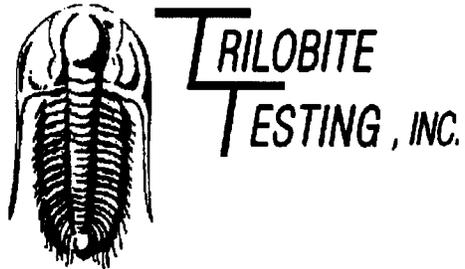
Recovery Table

Length ft	Description	Volume bbl
62.00	w cm 5%w 95%m	0.305
30.00	mud 100%m	0.148

Total Length: 92.00 ft Total Volume: 0.453 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: Tom Funk

35 19 31 Scott KS

Elinor #1

Start Date: 2009.10.29 @ 05:18:14

End Date: 2009.10.29 @ 11:27:53

Job Ticket #: 35289 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Carmen Schmitt Inc.

Elinor #1

35 19 31 Scott KS

DST # 3

Miss

2009.10.29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Carmen Schmitt Inc.
PO Box 47
Great Bend KS 67530
ATTN: Tom Funk

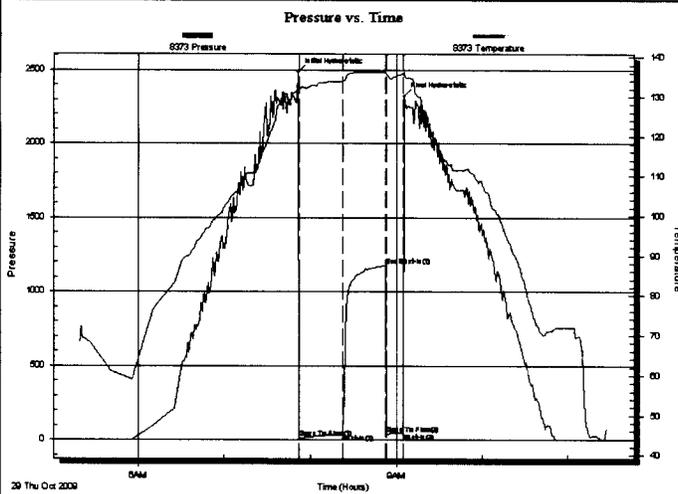
Elinor #1
35 19 31 Scott KS
Job Ticket: 35289 **DST#: 3**
Test Start: 2009.10.29 @ 05:18:14

GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 07:52:24
Time Test Ended: 11:27:53
Interval: **4659.00 ft (KB) To 4681.00 ft (KB) (TVD)**
Total Depth: **4725.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: Fair
Test Type: Conventional Straddle
Tester: Brandon Turley
Unit No: 35
Reference Elevations: 2967.00 ft (KB)
2957.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**
Press@RunDepth: 38.45 psig @ 4660.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2009.10.29 End Date: 2009.10.29 Last Calib.: 2009.10.29
Start Time: 05:18:14 End Time: 11:27:53 Time On Btrr: 2009.10.29 @ 07:51:09
Time Off Btrr: 2009.10.29 @ 09:05:24

TEST COMMENT: IF: 1/4 blow died in 24 min.
IS: No return.
FF: No blow.
FS: pulled tool.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2485.72	131.83	Initial Hydro-static
2	13.08	132.22	Open To Flow (1)
31	38.45	133.85	Shut-In(1)
62	1176.04	136.20	End Shut-In(1)
62	41.16	135.70	Open To Flow (2)
74	48.47	135.77	Shut-In(2)
75	2321.90	135.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	mud trace of oil 100%o	0.15
62.00	w cm 5%w 95%m	0.30

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: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 35289 **DST#: 3**
Test Start: 2009.10.29 @ 05:18:14

Tool Information

Drill Pipe:	Length: 4282.00 ft	Diameter: 3.80 inches	Volume: 60.07 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 372.00 ft	Diameter: 2.25 inches	Volume: 1.83 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 61.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4659.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	4677.00 ft			
Interval between Packers:	18.00 ft			
Tool Length:	86.00 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			4640.00	
Shut In Tool	5.00			4645.00	
Hydraulic tool	5.00			4650.00	
Packer	5.00			4655.00	20.00 Bottom Of Top Packer
Packer	4.00			4659.00	
Stubb	1.00			4660.00	
Recorder	0.00	8373	Inside	4660.00	
Perforations	16.00			4676.00	
Blank Off Sub	1.00			4677.00	18.00 Tool Interval
Packer	4.00			4681.00	
Stubb	1.00			4682.00	
Perforations	6.00			4688.00	
Change Over Sub	1.00			4689.00	
Recorder	0.00	6772	Below	4689.00	
Drill Pipe	30.00			4719.00	
Change Over Sub	1.00			4720.00	
Bullnose	5.00			4725.00	48.00 Bottom Packers & Anchor
Total Tool Length:	86.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.
PO Box 47
Great Bend KS 67530
ATTN: Tom Funk

Elinor #1
35 19 31 Scott KS
Job Ticket: 35289 **DST#: 3**
Test Start: 2009.10.29 @ 05:18:14

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	mud trace of oil 100%o	0.152
62.00	w cm 5%w 95%m	0.305

Total Length: 93.00 ft Total Volume: 0.457 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

