

DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

2 19S 30W Lane KS

Ehmke #1

Start Date: 2007.11.14 @ 04:06:40

End Date: 2007.11.14 @ 12:41:10

Job Ticket #: 29722 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

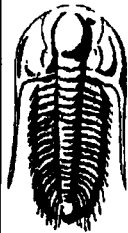
Ehmke #1

2 19S 30W Lane KS

DST # 1

Lans. L

2007.11.14



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

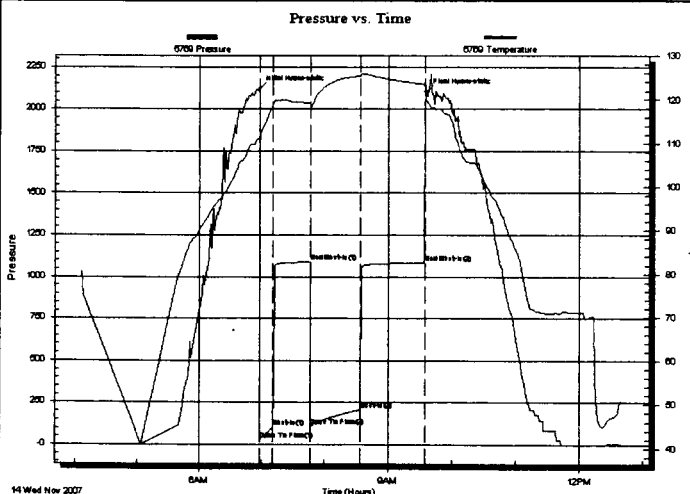
Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29722 DST#: 1
Test Start: 2007.11.14 @ 04:06:40

GENERAL INFORMATION:

Formation: **Lans. L**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 06:57:50
Time Test Ended: 12:41:10
Interval: **4285.00 ft (KB) To 4325.00 ft (KB) (TVD)**
Total Depth: **4325.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Brandon Domsch**
Unit No: **25**
Reference Elevations: **2870.00 ft (KB)**
2865.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6769 **Inside**
Press@RunDepth: **208.33 psig @ 4286.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2007.11.14** End Date: **2007.11.14** Last Calib.: **2007.11.14**
Start Time: **04:06:40** End Time: **12:41:10** Time On Btm: **2007.11.14 @ 06:57:25**
Time Off Btm: **2007.11.14 @ 09:34:55**

TEST COMMENT: IF Built to 6 1/2 "
IS No return
FF BOB in 25 mins.
FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2117.54	110.96	Initial Hydro-static
1	27.75	110.31	Open To Flow (1)
14	103.53	119.07	Shut-In (1)
49	1088.87	119.23	End Shut-In (1)
49	107.35	118.46	Open To Flow (2)
96	208.33	125.51	Shut-In (2)
157	1086.21	123.59	End Shut-In (2)
158	2101.25	120.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M	0.15
275.00	SMCW 97%W 3%M	2.09
100.00	WCM 30%W 70%M	1.40
45.00	CO 100%O	0.63

Gas Rates

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



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TOOL DIAGRAM

Carmen Schmitt Inc
 PO Box 47
 Great Bend KS 67530
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Ehmke #1
2 19S 30W Lane KS
 Job Ticket: 29722 **DST#: 1**
 Test Start: 2007.11.14 @ 04:06:40

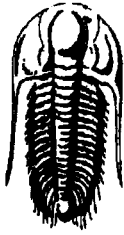
Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 224.00 ft	Diameter: 2.25 inches	Volume: 1.10 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 57.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4285.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4258.00	
Shut In Tool	5.00			4263.00	
Hydraulic tool	5.00			4268.00	
Jars	5.00			4273.00	
Safety Joint	3.00			4276.00	
Packer	5.00			4281.00	28.00 Bottom Of Top Packer
Packer	4.00			4285.00	
Stubb	1.00			4286.00	
Recorder	0.00	6769	inside	4286.00	
Perforations	34.00			4320.00	
Recorder	0.00	2607	inside	4320.00	
Bullnose	5.00			4325.00	40.00 Bottom Packers & Anchor

Total Tool Length: 68.00



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FLUID SUMMARY

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Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29722 DST#: 1
Test Start: 2007.11.14 @ 04:06:40

Mud and Cushion Information

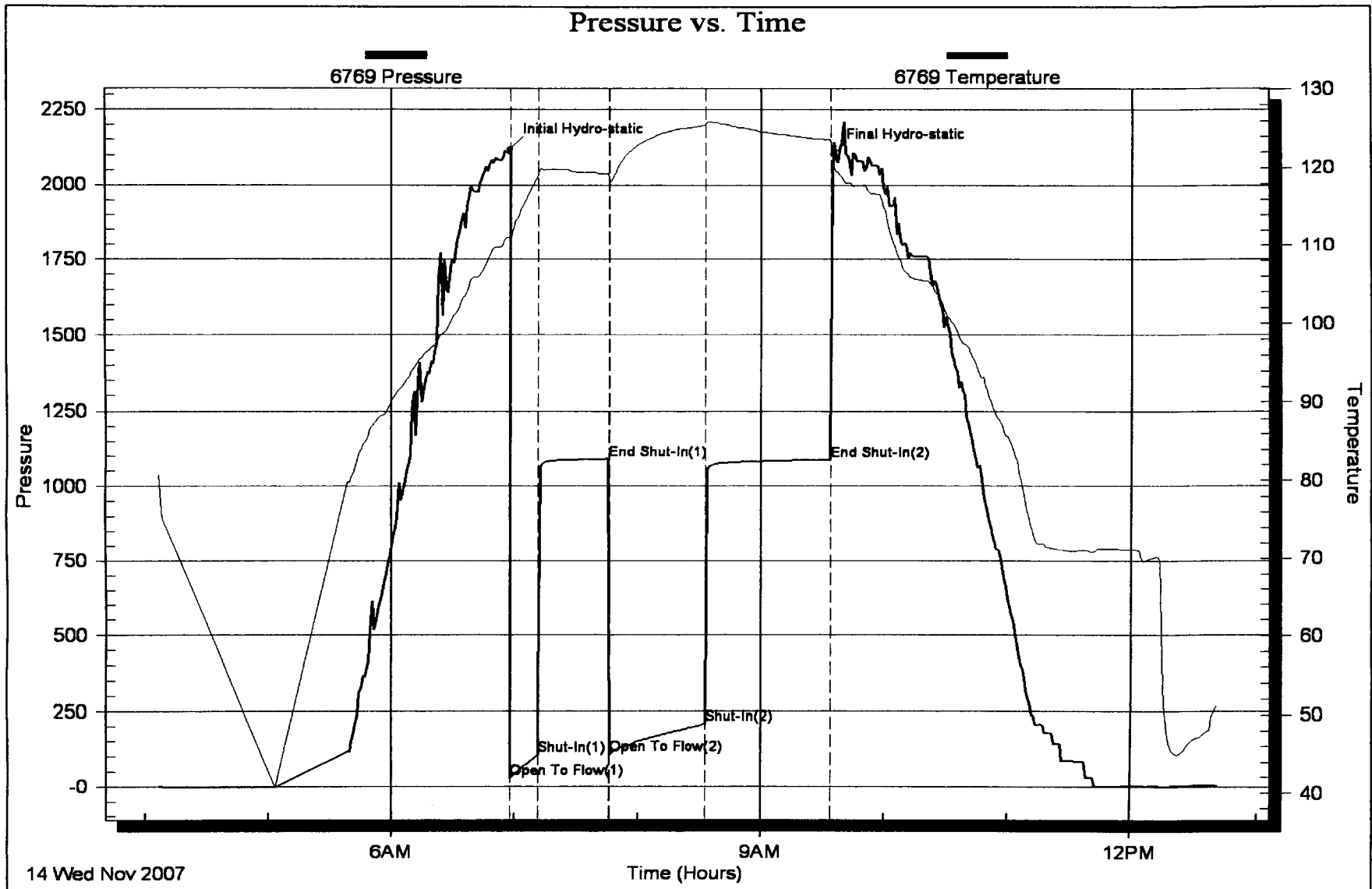
Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 45000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.46 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 1800.00 ppm		
Filter Cake: 1.00 inches		

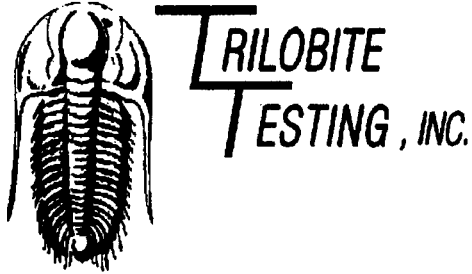
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	100%M	0.148
275.00	SMCW 97%W 3%M	2.090
100.00	WCM 30%W 70%M	1.403
45.00	CO 100%O	0.631

Total Length: 450.00 ft Total Volume: 4.272 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





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Prepared For: **Carmen Schmitt Inc**

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2 19S 30W Lane KS

Ehmke #1

Start Date: 2007.11.15 @ 09:08:32

End Date: 2007.11.15 @ 21:33:51

Job Ticket #: 29723 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Carmen Schmitt Inc

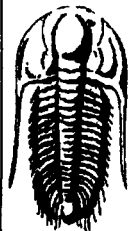
Ehmke #1

2 19S 30W Lane KS

DST # 2

Marmaton

2007.11.15



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DRILL STEM TEST REPORT

Carmen Schmitt Inc
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 Great Bend KS 67530
 ATTN: Jacob Porter

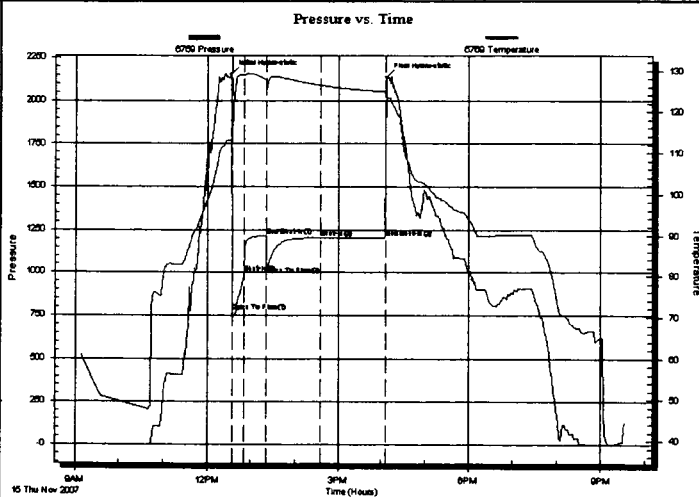
Ehmke #1
2 19S 30W Lane KS
 Job Ticket: 29723 DST#: 2
 Test Start: 2007.11.15 @ 09:08:32

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:35:12
 Time Test Ended: 21:33:51
 Interval: **4358.00 ft (KB) To 4434.00 ft (KB) (TVD)**
 Total Depth: **4434.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Brandon Domsch
 Unit No: 25
 Reference Elevations: 2870.00 ft (KB)
 2865.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6769 **Inside**
 Press@RunDepth: 1203.09 psig @ 4359.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.11.15 End Date: 2007.11.15 Last Calib.: 2007.11.15
 Start Time: 09:08:32 End Time: 21:33:51 Time On Btm: 2007.11.15 @ 12:33:07
 Time Off Btm: 2007.11.15 @ 16:07:07

TEST COMMENT: IF BOB in 30 secs.
 IS BOB in 26 mins.
 FF BOB in 30 secs.
 FS Built to 6" died back to nothing



PRESSURE SUMMARY

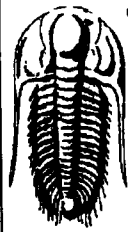
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.35	113.06	Initial Hydro-static
3	775.00	113.01	Open To Flow (1)
18	994.27	128.91	Shut-In(1)
48	1215.65	127.74	End Shut-In(1)
48	1035.92	127.63	Open To Flow (2)
123	1203.09	126.43	Shut-In(2)
213	1205.66	124.91	End Shut-In(2)
215	2138.34	123.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	M&GCO 10%G 50%O 40%M	0.30
186.00	SM&GCO 10%G 85%O 5%M	1.13
2992.00	CGO 30%G 70%O	41.97

Gas Rates

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



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TOOL DIAGRAM

Carmen Schmitt Inc
PO Box 47
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ATTN: Jacob Porter

Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29723 **DST#: 2**
Test Start: 2007.11.15 @ 09:08:32

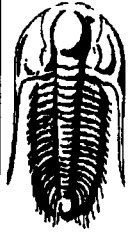
Tool Information

Drill Pipe:	Length: 4134.00 ft	Diameter: 3.80 inches	Volume: 57.99 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 224.00 ft	Diameter: 2.25 inches	Volume: 1.10 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 59.09 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4358.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	76.00 ft				
Tool Length:	104.00 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			4331.00	
Shut In Tool	5.00			4336.00	
Hydraulic tool	5.00			4341.00	
Jars	5.00			4346.00	
Safety Joint	3.00			4349.00	
Packer	5.00			4354.00	28.00 Bottom Of Top Packer
Packer	4.00			4358.00	
Stubb	1.00			4359.00	
Recorder	0.00	6769	Inside	4359.00	
Perforations	39.00			4398.00	
Drill Pipe	31.00			4429.00	
Recorder	0.00	2607	Inside	4429.00	
Bullnose	5.00			4434.00	76.00 Bottom Packers & Anchor

Total Tool Length: 104.00



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Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29723 **DST#: 2**
Test Start: 2007.11.15 @ 09:08:32

Mud and Cushion Information

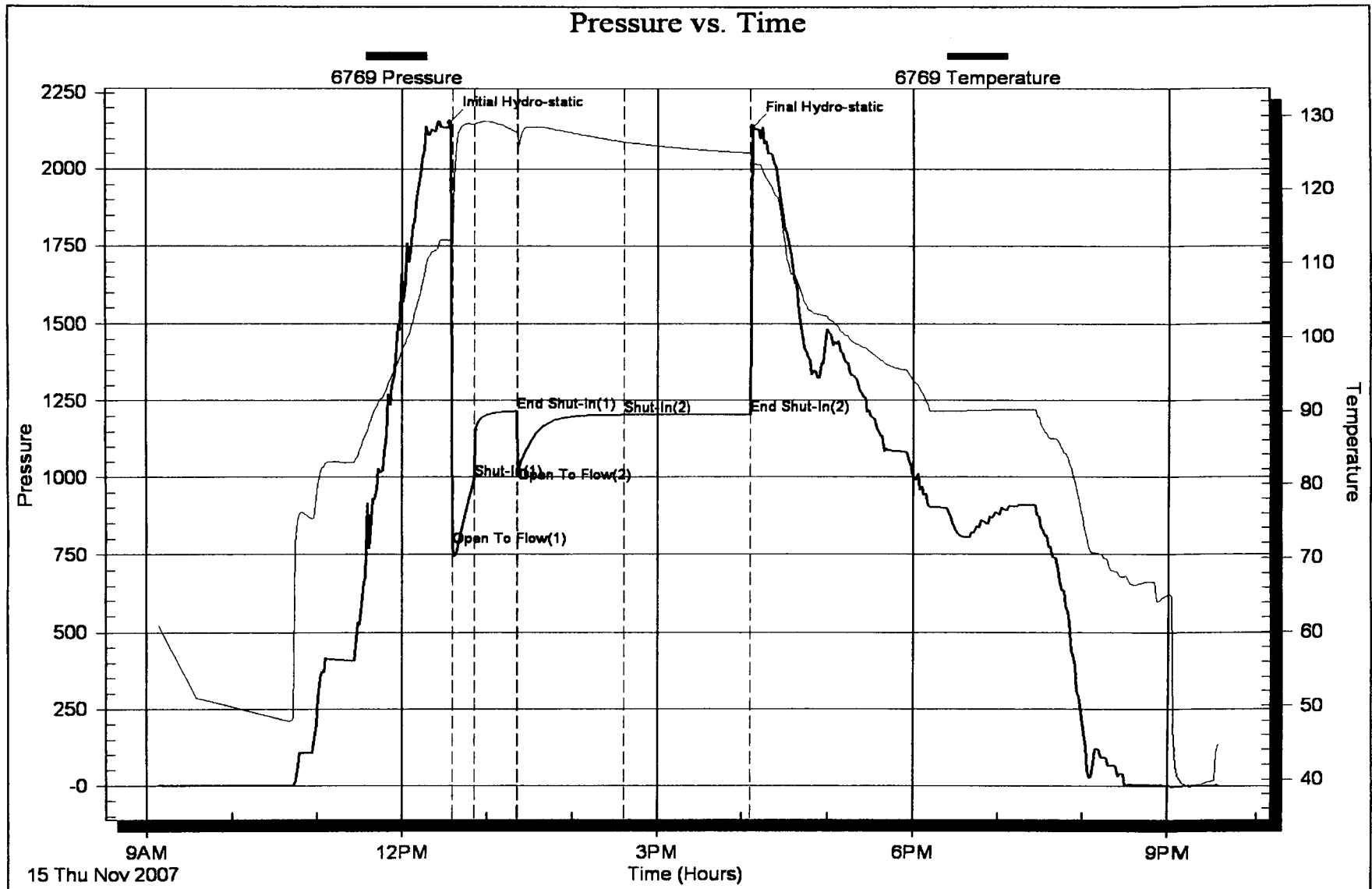
Mud Type: Gel Chem	Cushion Type:	Oil API:	32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 45.00 sec/qt	Cushion Volume:		
Water Loss: 9.34 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure:		
Salinity: 4100.00 ppm			
Filter Cake: 1.00 inches			

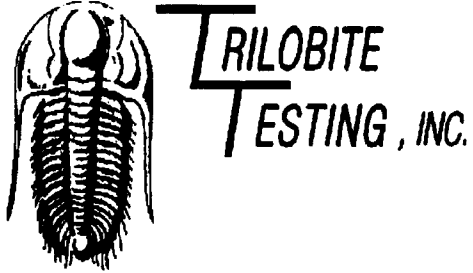
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	M&GCO 10%G 50%O 40%M	0.305
186.00	SM&GCO 10%G 85%O 5%M	1.133
2992.00	CGO 30%G 70%O	41.970

Total Length: 3240.00 ft Total Volume: 43.408 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





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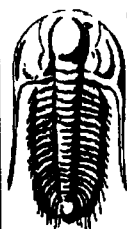
Ehmke #1

Start Date: 2007.11.16 @ 10:31:57

End Date: 2007.11.16 @ 17:20:57

Job Ticket #: 29724 DST #: 3

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

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

Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29724 **DST#: 3**
Test Start: 2007.11.16 @ 10:31:57

Tool Information

Drill Pipe:	Length: 4196.00 ft	Diameter: 3.80 inches	Volume: 58.86 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 224.00 ft	Diameter: 2.25 inches	Volume: 1.10 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 59.96 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4443.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	47.00 ft				
Tool Length:	75.00 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			4416.00	
Shut In Tool	5.00			4421.00	
Hydraulic tool	5.00			4426.00	
Jars	5.00			4431.00	
Safety Joint	3.00			4434.00	
Packer	5.00			4439.00	28.00 Bottom Of Top Packer
Packer	4.00			4443.00	
Stubb	1.00			4444.00	
Recorder	0.00	6769	Inside	4444.00	
Perforations	10.00			4454.00	
Drill Pipe	31.00			4485.00	
Recorder	0.00	2607	Inside	4485.00	
Bullnose	5.00			4490.00	47.00 Bottom Packers & Anchor

Total Tool Length: 75.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

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PO Box 47
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ATTN: Jacob Porter

Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29724 **DST#: 3**
Test Start: 2007.11.16 @ 10:31:57

Mud and Cushion Information

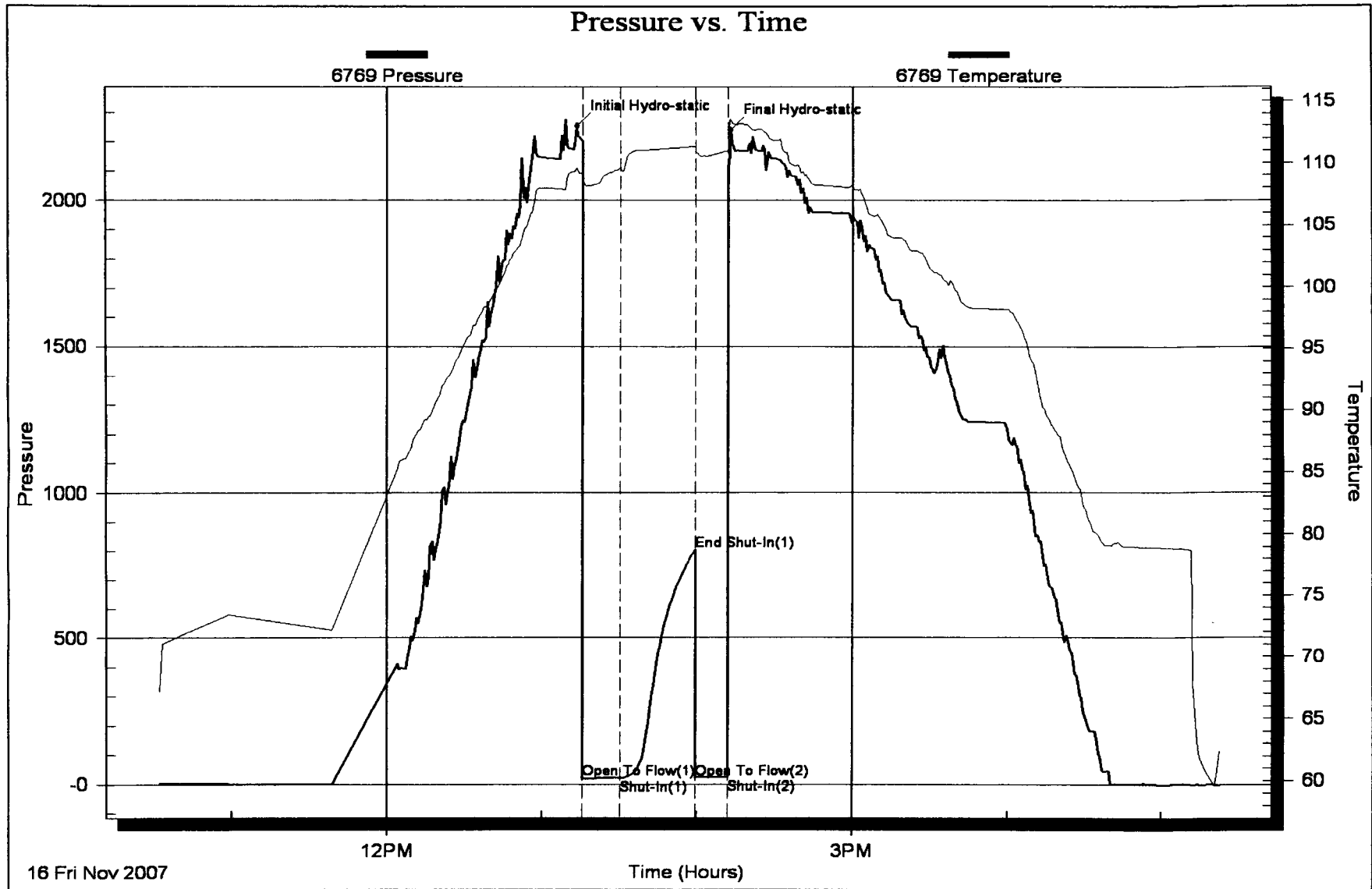
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2700.00 ppm			
Filter Cake: 1.00 inches			

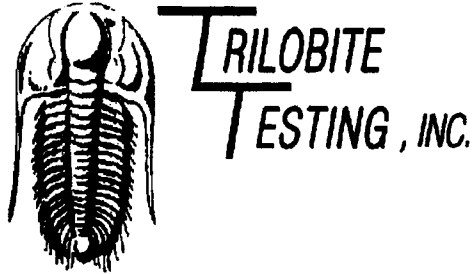
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Heavy O Spotted 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**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

2 19S 30W Lane KS

Ehmke #1

Start Date: 2007.11.17 @ 08:56:05

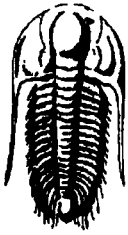
End Date: 2007.11.17 @ 14:20:59

Job Ticket #: 29505 DST #: 4

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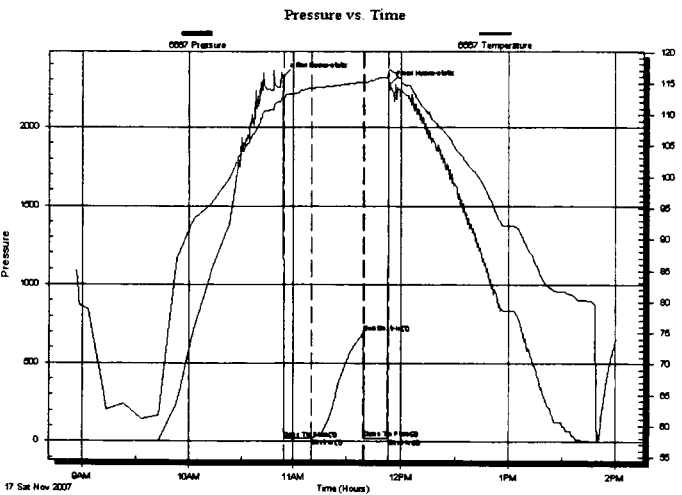
Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29505 **DST#: 4**
Test Start: 2007.11.17 @ 08:56:05

GENERAL INFORMATION:

Formation: **Cherokee**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
Time Tool Opened: 10:54:15 Tester: Shane McBride
Time Test Ended: 14:20:59 Unit No: 25
Interval: **4535.00 ft (KB) To 4582.00 ft (KB) (TVD)** Reference Elevations: 2870.00 ft (KB)
Total Depth: 4582.00 ft (KB) (TVD) 2865.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
Press@RunDepth: 18.92 psig @ 4536.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.11.17 End Date: 2007.11.17 Last Calib.: 2007.11.17
Start Time: 08:56:05 End Time: 14:00:59 Time On Btm: 2007.11.17 @ 10:53:45
Time Off Btm: 2007.11.17 @ 11:53:45

TEST COMMENT: Weak blow died in 10 min.
No return
No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.83	112.94	Initial Hydro-static
1	16.46	112.70	Open To Flow (1)
16	18.92	114.22	Shut-in(1)
46	692.70	115.21	End Shut-in(1)
46	20.91	115.05	Open To Flow (2)
59	22.45	115.90	Shut-in(2)
60	2270.74	117.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mw/Oil spots	0.02

Gas Rates

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



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TOOL DIAGRAM

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Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29505 **DST#: 4**
Test Start: 2007.11.17 @ 08:56:05

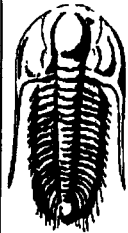
Tool Information

Drill Pipe:	Length: 4290.00 ft	Diameter: 3.80 inches	Volume: 60.18 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 224.00 ft	Diameter: 2.25 inches	Volume: 1.10 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4535.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			4508.00	
Shut In Tool	5.00			4513.00	
Hydraulic tool	5.00			4518.00	
Jars	5.00			4523.00	
Safety Joint	3.00			4526.00	
Packer	5.00			4531.00	28.00 Bottom Of Top Packer
Packer	4.00			4535.00	
Stubb	1.00			4536.00	
Recorder	0.00	6667	Inside	4536.00	
Recorder	0.00	6771	Outside	4536.00	
Perforations	10.00			4546.00	
Drill Pipe	31.00			4577.00	
Bullnose	5.00			4582.00	47.00 Bottom Packers & Anchor

Total Tool Length: 75.00



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PO Box 47
Great Bend KS 67530
ATTN: Jacob Porter

Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29505 **DST#: 4**
Test Start: 2007.11.17 @ 08:56:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

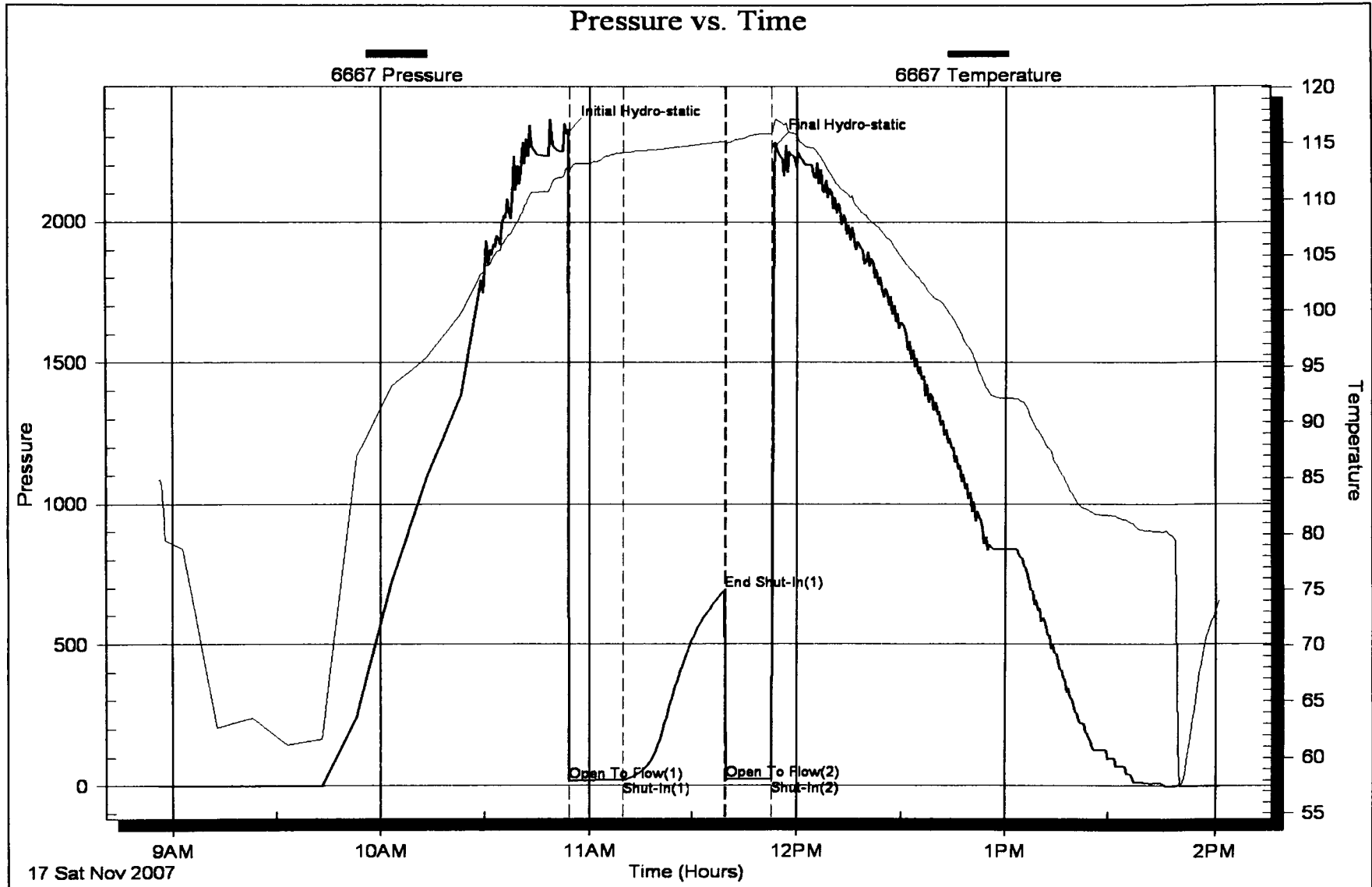
Length ft	Description	Volume bbl
5.00	M w/Oil spots	0.025

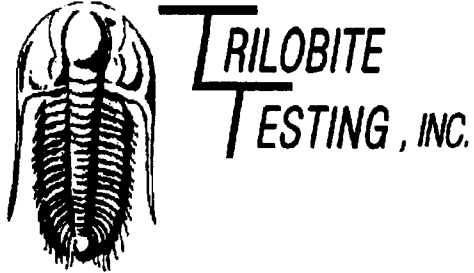
Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc**

PO Box 47
Great Bend KS 67530

ATTN: Jacob Porter

2 19S 30W Lane KS

Ehmke #1

Start Date: 2007.11.17 @ 23:40:14

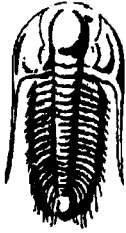
End Date: 2007.11.18 @ 08:13:24

Job Ticket #: 29752 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

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

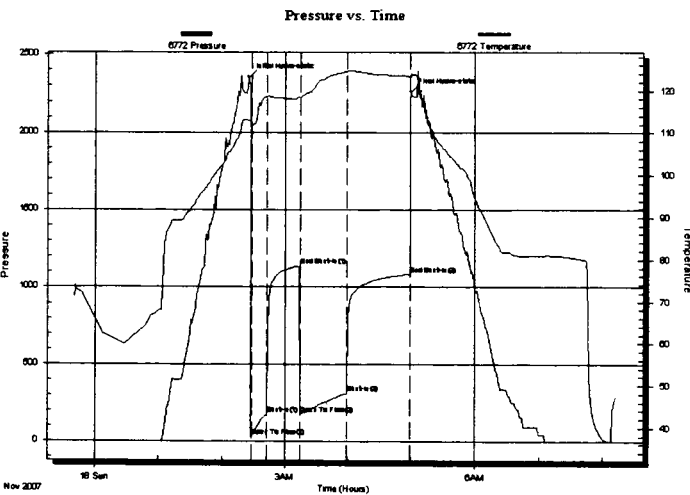
Ehmke #1
2 19S 30W Lane KS
 Job Ticket: 29752 **DST#: 5**
 Test Start: 2007.11.17 @ 23:40:14

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:28:09
 Time Test Ended: 08:13:24
 Interval: **4535.00 ft (KB) To 4622.00 ft (KB) (TVD)**
 Total Depth: 4622.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2870.00 ft (KB)
 2865.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772 Outside
 Press@RunDepth: 311.33 psig @ 4536.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.11.17 End Date: 2007.11.18 Last Calib.: 2007.11.18
 Start Time: 23:40:14 End Time: 08:13:24 Time On Btm: 2007.11.18 @ 02:25:39
 Time Off Btm: 2007.11.18 @ 04:59:23

TEST COMMENT: IF BOB in 12 min.
 IS No return
 FF BOB in 15 min.
 FS No return



PRESSURE SUMMARY

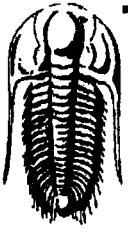
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2354.84	113.08	Initial Hydro-static
3	30.37	111.97	Open To Flow (1)
18	175.62	118.54	Shut-In(1)
49	1137.14	118.64	End Shut-In(1)
50	177.52	118.43	Open To Flow (2)
94	311.33	124.48	Shut-In(2)
153	1085.91	123.42	End Shut-In(2)
154	2261.42	123.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	MCW 80%W 20%M	0.52
177.00	MCW 60%W 40%M	0.87
124.00	MW 50%W 50%M	1.74
216.00	100%M	3.03

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

Ehmke #1
2 19S 30W Lane KS
 Job Ticket: 29752 **DST#: 5**
 Test Start: 2007.11.17 @ 23:40:14

Tool Information

Drill Pipe:	Length: 4256.00 ft	Diameter: 3.80 inches	Volume: 59.70 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 282.00 ft	Diameter: 2.25 inches	Volume: 1.39 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 61.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4535.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4509.00	
Shut In Tool	5.00			4514.00	
Hydraulic tool	5.00			4519.00	
Jars	5.00			4524.00	
Safety Joint	2.00			4526.00	
Packer	5.00			4531.00	27.00 Bottom Of Top Packer
Packer	4.00			4535.00	
Stubb	1.00			4536.00	
Recorder	0.00	8353	Inside	4536.00	
Recorder	0.00	6772	Outside	4536.00	
Perforations	17.00			4553.00	
Change Over Sub	1.00			4554.00	
Drill Pipe	62.00			4616.00	
Change Over Sub	1.00			4617.00	
Bullnose	5.00			4622.00	87.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

Ehmke #1
2 19S 30W Lane KS
Job Ticket: 29752 **DST#: 5**
Test Start: 2007.11.17 @ 23:40:14

Mud and Cushion Information

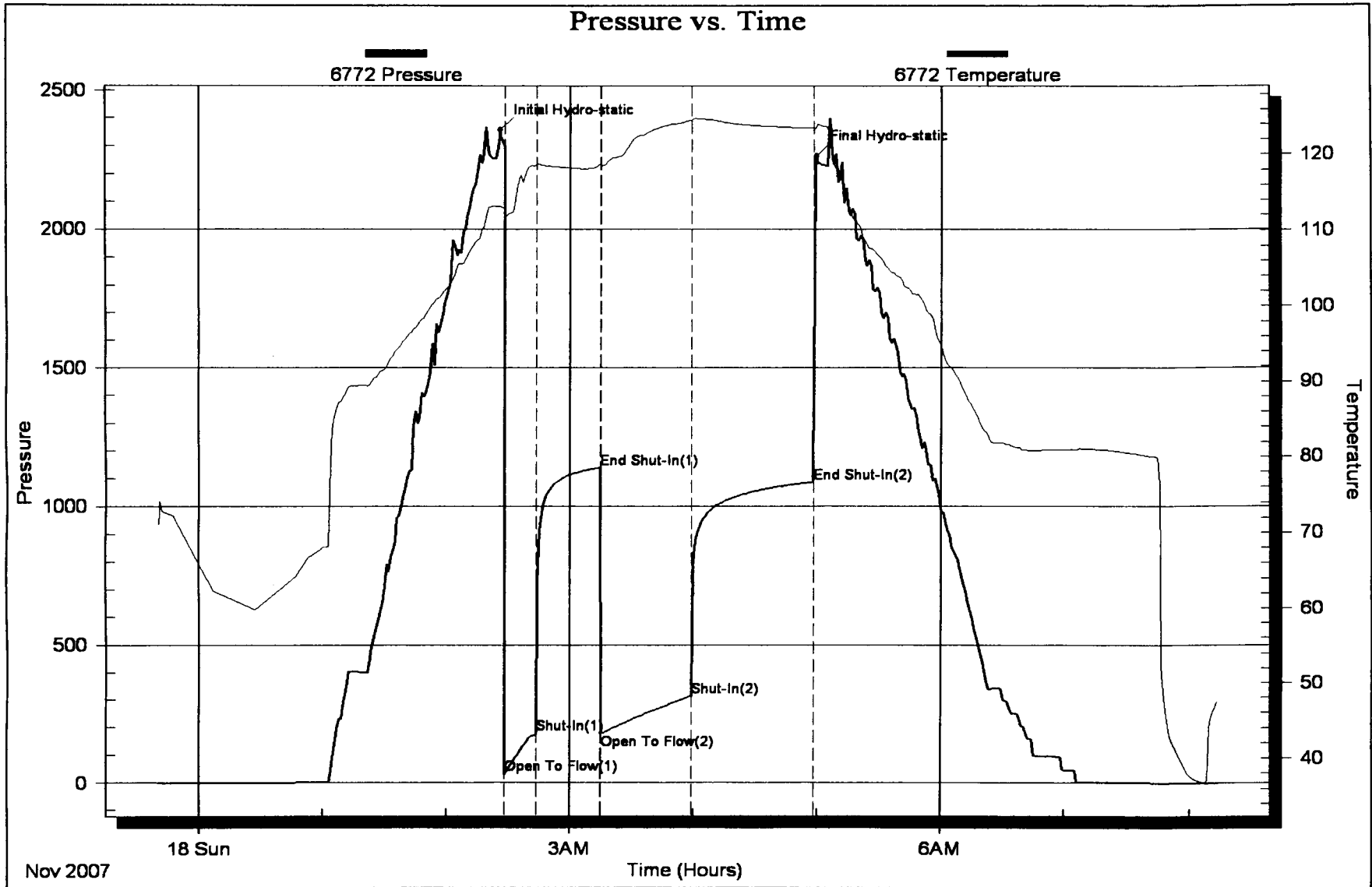
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	30000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.36 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

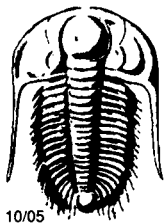
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	MCW 80%W 20%M	0.516
177.00	MCW 60%W 40%M	0.870
124.00	MW 50%W 50%M	1.739
216.00	100%M	3.030

Total Length: 622.00 ft Total Volume: 6.155 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





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29722

10934

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Test Ticket

BY: _____

Well Name & No. Shmke #1 Test No. 1 Date 11-14-07
 Company Carmen Schmitt Zone Tested Lans "L"
 Address Box 47 Great Bend Ks, 67530 Elevation 2870 KB 2865 GL
 Co. Rep / Geo. Jacob Porter Rig HD #1
 Location: Sec. 2 Twp. 19s Rge. 30w Co. Lans State KS
 Comment: _____ Release date / time: _____

Interval Tested 4285 - 4325 Initial Str Wt./Lbs. 59000 Unseated Str Wt./Lbs. 59000
 Anchor Length 40' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 62000
 Top Packer Depth 4281 Tool Weight 1500
 Bottom Packer Depth 4285 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4325 Wt. Pipe Run 0 Drill Collar Run 224
 Mud Wt. 9.3 LCM 1 # Vis. 44 WL 10.5 Drill Pipe Size 4 1/2 xh Ft. Run 4040
 Blow Description IF: Built to 6 1/2 inches.
IS: No return.
FF: BOB in 25 mins.
FS: No return.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>450</u>	<u>0</u>	<u>224</u>	<u>226</u>
Rec. <u>45</u> Feet of <u>CO</u>	%gas <u>100</u> %oil	%water	%mud
Rec. <u>100</u> Feet of <u>WCM</u>	%gas	%oil <u>30</u>	%water <u>70</u> %mud
Rec. <u>275</u> Feet of <u>5 MCW</u>	%gas	%oil <u>97</u>	%water <u>3</u> %mud
Rec. <u>30</u> Feet of <u>M</u>	%gas	%oil	%water <u>100</u> %mud
BHT <u>123</u> °F Gravity <u>34</u> °API D @ <u>50</u> °F Corrected Gravity <u>35</u> °API	RW <u>.194</u> @ <u>60</u> °F Chlorides <u>45000</u> ppm Recovery	Chlorides <u>1800</u> ppm System	

AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2117</u> PSI	<u>6769</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>27</u> PSI	<u>4286</u>	Jars X <u>250</u>
(C) First Final Flow Pressure	<u>103</u> PSI	Recorder No. <u>2607</u>	Safety Jt. X <u>75</u>
(D) Initial Shut-In Pressure	<u>1088</u> PSI	(depth) <u>4320</u>	Circ Sub X <u>N/C</u>
(E) Second Initial Flow Pressure	<u>107</u> PSI	Recorder No.	Sampler
(F) Second Final Flow Pressure	<u>208</u> PSI	(depth)	Straddle
(G) Final Shut-In Pressure	<u>1086</u> PSI	Initial Opening <u>15</u>	Ext. Packer
(Q) Final Hydrostatic Mud	<u>2101</u> PSI	Initial Shut-In <u>30</u>	Shale Packer

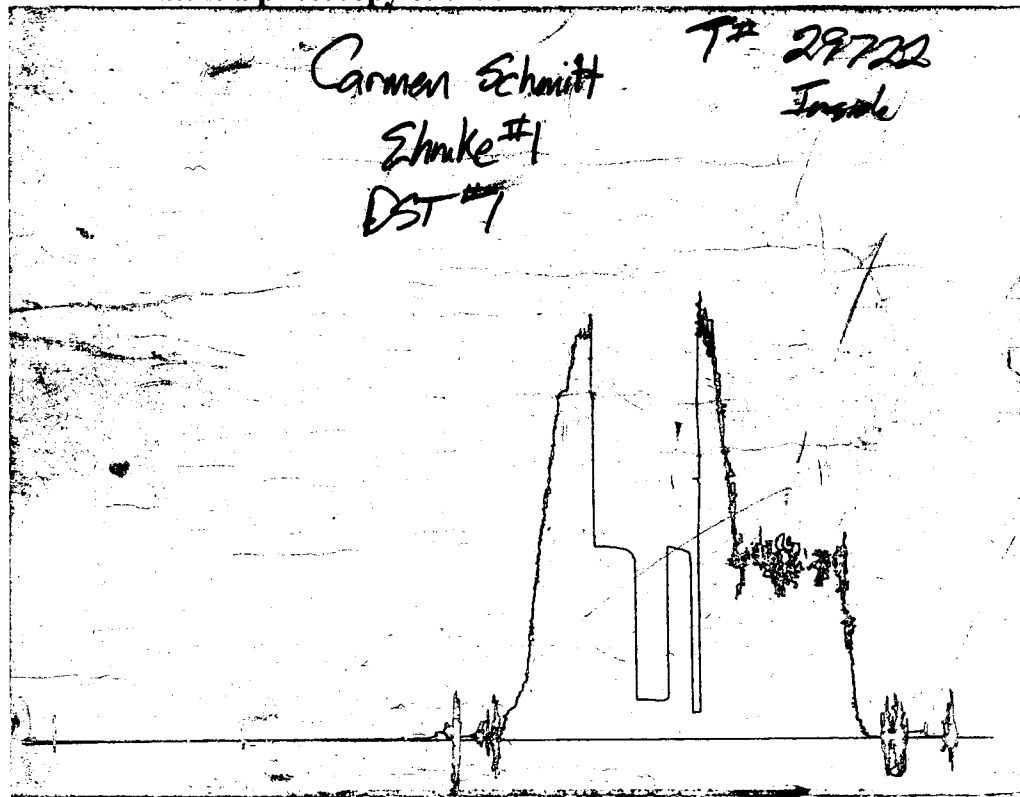
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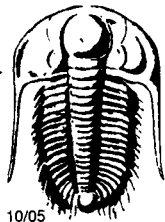
Approved By Jacob L. Porter
 Our Representative Bradon Busch

Final Flow 45
 Final Shut-In 60
 T-On Location 02:30am
 T-Started 04:06am
 T-Open 06:55am
 T-Pulled 09:25am
 T-Out 12:40pm
 Ruined Packer Mileage 42 x 1.25 = 52.50
 Sub Total:
 Std. By _____
 Acc. Chg. _____
 Other: _____
 Total: 1571

CHART PAGE

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29723

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Test Ticket

BY: _____

Well Name & No. Ehmke #1 Test No. 2 Date 11-15-07
 Company Carmen Schmitt Zone Tested _____
 Address Box 47, Great Bend KS 67530 Elevation 2870 KB 2865 GL _____
 Co. Rep / Geo. Jacob Porter Rig HD #1
 Location: Sec. 2 Twp. 19S Rge. 30W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4358-4434 Initial Str Wt./Lbs. 59000 Unseated Str Wt./Lbs. 70000
 Anchor Length 76' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 75000
 Top Packer Depth 4354 Tool Weight 1500
 Bottom Packer Depth 4358 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4434 Wt. Pipe Run 0 Drill Collar Run 224
 Mud Wt. 9.4 LCM 1# Vis. 45 WL 9.6 Drill Pipe Size 4 1/2 xh Ft. Run 4134

Blow Description IF: BOB in 30 sec
IS: BOB in 26 mins
FF: BOB in 30 sec

PS: Built to 6 inches did back to nothing

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>3240</u>	<u>435</u>	<u>224</u>	<u>3016</u>
Rec. <u>2992</u>	Feet of <u>CGO</u>	<u>30% gas</u>	<u>70% oil</u>
Rec. <u>186</u>	Feet of <u>SM+GCO</u>	<u>10% gas</u>	<u>85% oil</u>
Rec. <u>62</u>	Feet of <u>M+GCO</u>	<u>10% gas</u>	<u>50% oil</u>
Rec. _____	Feet of _____	<u>% gas</u>	<u>% oil</u>
Rec. _____	Feet of _____	<u>% gas</u>	<u>% oil</u>

BHT _____ °F Gravity 30 °API D @ 40 °F Corrected Gravity 32 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 400 ppm System

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2168</u>	PSI	<u>6769</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>789</u>	PSI	(depth) <u>4359</u>	Jars X <u>250</u>
(C) First Final Flow Pressure	<u>1008</u>	PSI	Recorder No. <u>2607</u>	Safety Jt X <u>75</u>
(D) Initial Shut-In Pressure	<u>1230</u>	PSI	(depth) <u>4429</u>	Circ Sub X <u>50.00</u>
(E) Second Initial Flow Pressure	<u>1050</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>1217</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1220</u>	PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2152</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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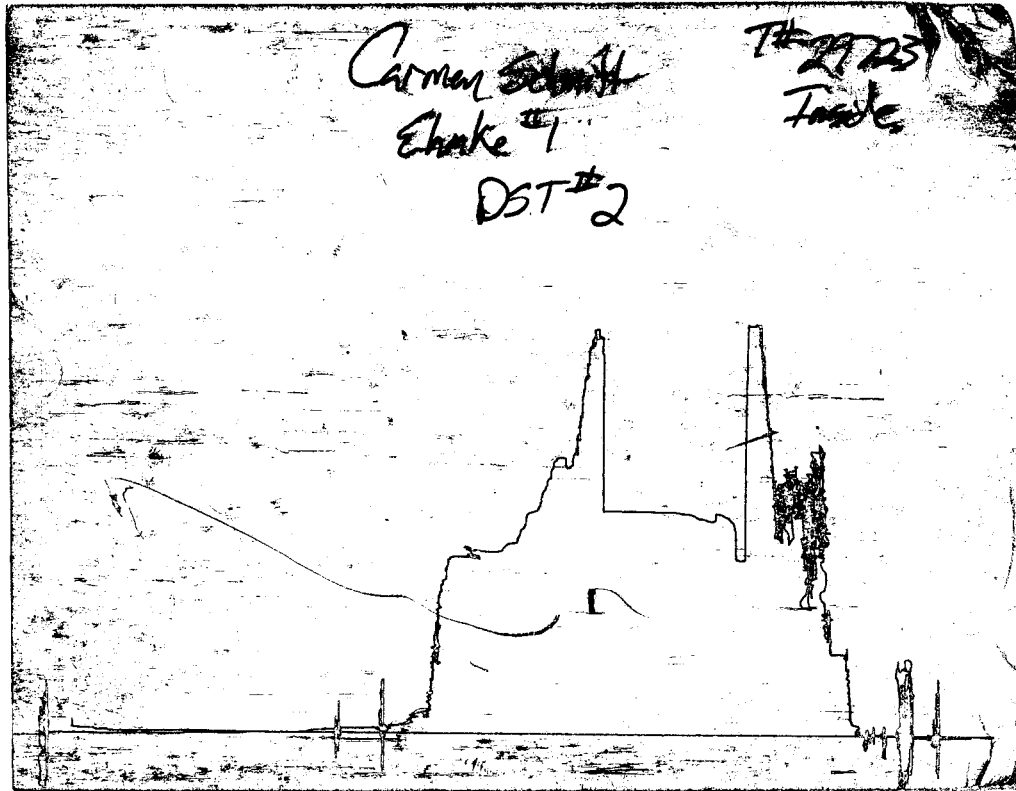
Approved By Jacob L Porter
 Our Representative Brandon Dersch

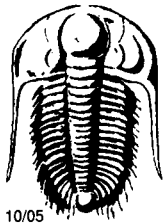
Final Flow 75
 Final Shut-In 90
 T-On Location 08:45 am
 T-Started 09:02 am
 T-Open 12:35 pm
 T-Pulled 16:05 pm
 T-Out 21:33 pm

Sub Total: _____
 Std. By 2 3/4 = \$275.00
 Acc. Chg: _____
 Other: _____
 Total: \$1902.50

CHART PAGE

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TRILOBITE TESTING INC.

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29724

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BY: _____

Test Ticket

Well Name & No. Shanke #1 Test No. 3 Date 11-16-07
 Company Carmen Schmitt Inc. Zone Tested Pawnee
 Address Box 47 Great Bend, KS, 67530 Elevation 2870 KB 2865 GL
 Co. Rep / Geo. Jacob Porter Rig HD #1
 Location: Sec. 2 Twp. 19s Rge. 30W Co. Lane State KS
 Comment: _____ Release date / time: _____

Interval Tested 4443 - 4490 Initial Str Wt./Lbs. 59000 Unseated Str Wt./Lbs. 59000
 Anchor Length 47' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 15000
 Top Packer Depth 4439 Tool Weight 1500
 Bottom Packer Depth 4443 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 4490 Wt. Pipe Run 0 Drill Collar Run 224
 Mud Wt. 9.3 LCM 1st Vis 46 WL 8.8 Drill Pipe Size 4 1/2 x h Ft. Run 4196
 Blow Description IF: 1/4 inch died
IS: No return
FP: No blow
FS: N/A

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>10</u>	<u>0</u>	<u>10</u>	<u>0</u>
Rec. <u>10</u> Feet of <u>Heavy 0 spotted M</u>	%gas	%oil	%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>2700</u> ppm System	

	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2254</u> PSI	<u>2254</u> PSI	<u>6769</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	<u>4444</u>	<u>250</u>
(C) First Final Flow Pressure	<u>20</u> PSI	<u>20</u> PSI	<u>2607</u>	<u>75</u>
(D) Initial Shut-In Pressure	<u>804</u> PSI	<u>804</u> PSI	<u>4485</u>	<u>N/C</u>
(E) Second Initial Flow Pressure	<u>20</u> PSI	<u>20</u> PSI		
(F) Second Final Flow Pressure	<u>22</u> PSI	<u>22</u> PSI		
(G) Final Shut-In Pressure	<u>N/A</u> PSI	<u>N/A</u> PSI		
(Q) Final Hydrostatic Mud	<u>2239</u> PSI	<u>2239</u> PSI		

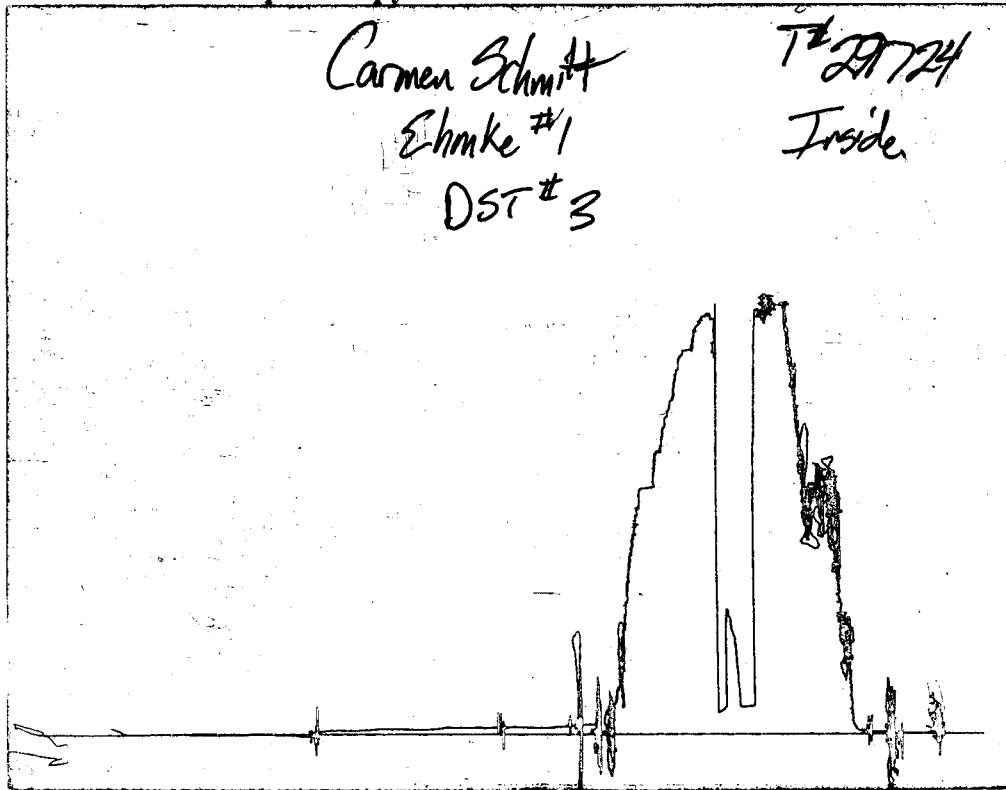
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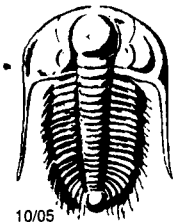
Approved By Jacob L. Porter
 Our Representative Brandon D. Smith

Recorder No.	<u>6769</u>	Test X	<u>1200</u>
(depth)	<u>4444</u>	Jars X	<u>250</u>
Recorder No.	<u>2607</u>	Safety Jt X	<u>75</u>
(depth)	<u>4485</u>	Circ Sub X	<u>N/C</u>
Recorder No.		Sampler	
(depth)		Straddle	
Initial Opening	<u>15</u>	Ext. Packer	
Initial Shut-In	<u>30</u>	Shale Packer	
Final Flow	<u>10</u>	Ruined Packer	
Final Shut-In		Mileage <u>42 x 25 = 1052.00</u>	
T-On Location	<u>09:45 am</u>	Sub Total:	
T-Started	<u>10:31 am</u>	Std. By	<u>[Signature]</u>
T-Open	<u>13:15 pm</u>	Acc. Chg:	
T-Pulled	<u>14:10 pm</u>	Other:	<u>[Signature]</u>
T-Out	<u>17:20 pm</u>	Total:	<u>[Signature]</u>

CHART PAGE

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29505

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NOV 20 2007

Test Ticket

BY: _____

Well Name & No. Flm Ke #1 Test No. #4 Date 11/17/07
 Company Carmen Schmitt Inc. Zone Tested Cherokee
 Address P.O. Box 47 Great Bend, Ks 67530 Elevation 2870 KB 2865 GL
 Co. Rep / Geo. Jacob Porter Rig H.D. #1
 Location: Sec. 2 Twp. 19S Rge. 30W Co. Lane State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4535 4582 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000
 Anchor Length 47 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 4530 Tool Weight 1500
 Bottom Packer Depth 4535 Hole Size 7 7/8" K Rubber Size 6 3/4" K
 Total Depth 4582 Wt. Pipe Run _____ Drill Collar Run 234' H-90
 Mud Wt. 9.5 LCM #1 Vis. 55 WL 10.4 Drill Pipe Size 4 1/2" XH-FH Ft. Run 4290
 Blow Description Weak blow died in 10 min
No return
No blow

Recovery - Total Feet 5' GIP _____ Ft. in DC 5' Ft. in DP _____
 Rec. 5' Feet of mud w/oil spots %gas spots %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 115° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4000 ppm System

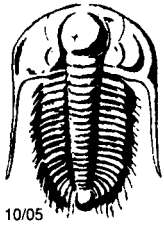
	AK-1	Alpine	Recorder No.	Test X
(A) Initial Hydrostatic Mud	<u>2318</u>	PSI	<u>66667</u>	<u>1200</u>
(B) First Initial Flow Pressure	<u>14</u>	PSI	(depth) <u>4536'</u>	Jars <u>250</u>
(C) First Final Flow Pressure	<u>18</u>	PSI	Recorder No. <u>6771</u>	Safety Jt. <u>75</u>
(D) Initial Shut-In Pressure	<u>692</u>	PSI	(depth) <u>4536'</u>	Circ Sub <u>N/A</u>
(E) Second Initial Flow Pressure	<u>20</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>22</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	_____	PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2270</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By Jacob L. Porter

Our Representative _____

Final Flow 10 Ruined Packer _____
 Final Shut-In _____ Mileage X 42 RT 52.50
 T-On Location 06:55 H.m. Sub Total: _____
 T-Started 08:56 H.m. Std. By _____
 T-Open 10:57 H.m. Acc. Chg: _____
 T-Pulled 11:52 H.m. Other: _____
 T-Out 4:20 p.m. Total: 1577.50



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29752
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NOV 20 2007

BY: _____

Test Ticket

Well Name & No. Ehmke #1 Test No. 5 Date 11-17-07
 Company Carmen Schmitt Zone Tested Cherokee
 Address P.O. Box 47 Great Bend, KS 67530 Elevation 2869 KB 2864 GL
 Co. Rep / Geo. Jacob Porter Rig AD #1
 Location: Sec. 2 Twp. 19S Rge. 30W Co. Lme State KS
 Comment: _____ Release date / time: _____

Interval Tested 4535 4622 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 65,000
 Anchor Length _____ 87 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 85,000
 Top Packer Depth _____ 4530 Tool Weight 1500
 Bottom Packer Depth _____ 4535 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth _____ 4622 Wt. Pipe Run _____ Drill Collar Run 282
 Mud Wt. 9.5 LCM 1 Vis. 55 WL 10.4 Drill Pipe Size 4 1/2 x H Ft. Run 4256
 Blow Description IF: BoB in 12 min.
IS: No return.
FF: BoB in 15 min.
FS: No return.

Recovery - Total Feet 622 GIP _____ Ft. in DC 282 Ft. in DP 340
 Rec. 216 Feet of mud %gas _____ %oil _____ %water 100 %mud _____
 Rec. 124 Feet of MW %gas _____ %oil 50 %water 50 %mud _____
 Rec. 177 Feet of MW %gas _____ %oil 60 %water 40 %mud _____
 Rec. 105 Feet of MW %gas _____ %oil 80 %water 20 %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 123 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .40 @ 41 °F Chlorides 30,000 ppm Recovery 30,000 Chlorides 4000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2354</u> PSI	<u>8353</u>	<u>1200.00</u>
(B) First Initial Flow Pressure		<u>30</u> PSI	(depth) <u>4536</u>	Jars <u>250.00</u>
(C) First Final Flow Pressure		<u>175</u> PSI	Recorder No. <u>6772</u>	Safety Jt. <u>75.00</u>
(D) Initial Shut-In Pressure		<u>1137</u> PSI	(depth) <u>4537</u>	Circ Sub <u>N/C</u>
(E) Second Initial Flow Pressure		<u>177</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>311</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1085</u> PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2261</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By Jacob Porter
 Our Representative [Signature]

Final Flow 45
 Final Shut-In 60
 T-On Location 22:00
 T-Started 23:40
 T-Open 2:28
 T-Pulled 4:58
 T-Out 8:15

Test 1200.00
 Jars 250.00
 Safety Jt. 75.00
 Circ Sub N/C
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer 52.50
 Mileage 54 - 6250
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: 1571.50