

15-195-22556

18-12s-21w

END

165



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LaBlanc

18 12S 21W Trego KS

Dorzweiler # 1

*Dorzweiler Family
Trust 1*

Start Date: 2008.07.13 @ 14:50:05

End Date: 2008.07.13 @ 21:31:29

Job Ticket #: 32528

DST #: 1

15-195-22556-0000

CMX Inc

Dorzweiler # 1

18 12S 21W Trego KS

DST # 1

LSG

2008.07.13

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

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 28 2009

CONSERVATION DIVISION
WICHITA, KS



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32528 **DST#: 1**
Test Start: 2008.07.13 @ 14:50:05

GENERAL INFORMATION:

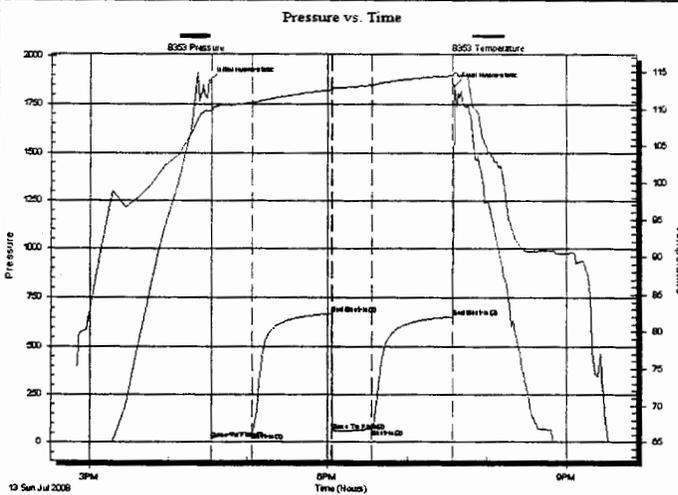
Formation: **LSG**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:33:00
Time Test Ended: 21:31:29
Interval: **3666.00 ft (KB) To 3675.00 ft (KB) (TVD)**
Total Depth: 3675.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2279.00 ft (KB)
2274.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8353

Inside

Press@RunDepth: 72.12 psig @ 3667.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.13 End Date: 2008.07.13 Last Calib.: 2008.07.13
Start Time: 14:50:05 End Time: 21:31:29 Time On Btm: 2008.07.13 @ 16:31:00
Time Off Btm: 2008.07.13 @ 19:35:29

TEST COMMENT: IF BOB in 23 mins.
IS 1/4 " died in 21 mins.
FF BOB in 17 mins.
FS Built to 3 1/4 " died back to 2 1/2 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1868.46	109.70	Initial Hydro-static
2	18.31	109.60	Open To Flow (1)
33	54.08	110.80	Shut-In (1)
92	669.79	112.53	End Shut-In (1)
93	62.95	112.79	Open To Flow (2)
123	72.12	113.23	Shut-In (2)
183	654.98	114.49	End Shut-In (2)
185	1845.80	114.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OWCM 20%O 30%W 50%M	0.31
102.00	CGO 10%G 90%O	0.87
0.00	GIP 412 FT	0.00
0.00	API = 29@85f=27	0.00
0.00	RW = N/A	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32528 **DST#: 1**
Test Start: 2008.07.13 @ 14:50:05

Tool Information

Drill Pipe:	Length: 3551.00 ft	Diameter: 3.80 inches	Volume: 49.81 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 50.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3666.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3644.00	
Shut In Tool	5.00			3649.00	
Hydraulic tool	5.00			3654.00	
Safety Joint	3.00			3657.00	
Packer	5.00			3662.00	23.00 Bottom Of Top Packer
Packer	4.00			3666.00	
Stubb	1.00			3667.00	
Recorder	0.00	8353	inside	3667.00	
Recorder	0.00	6741	inside	3667.00	
Perforations	3.00			3670.00	
Bullnose	5.00			3675.00	9.00 Bottom Packers & Anchor

Total Tool Length: 32.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32528 **DST#: 1**
Test Start: 2008.07.13 @ 14:50:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.78 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2300.00 ppm		
Filter Cake: 2.00 inches		

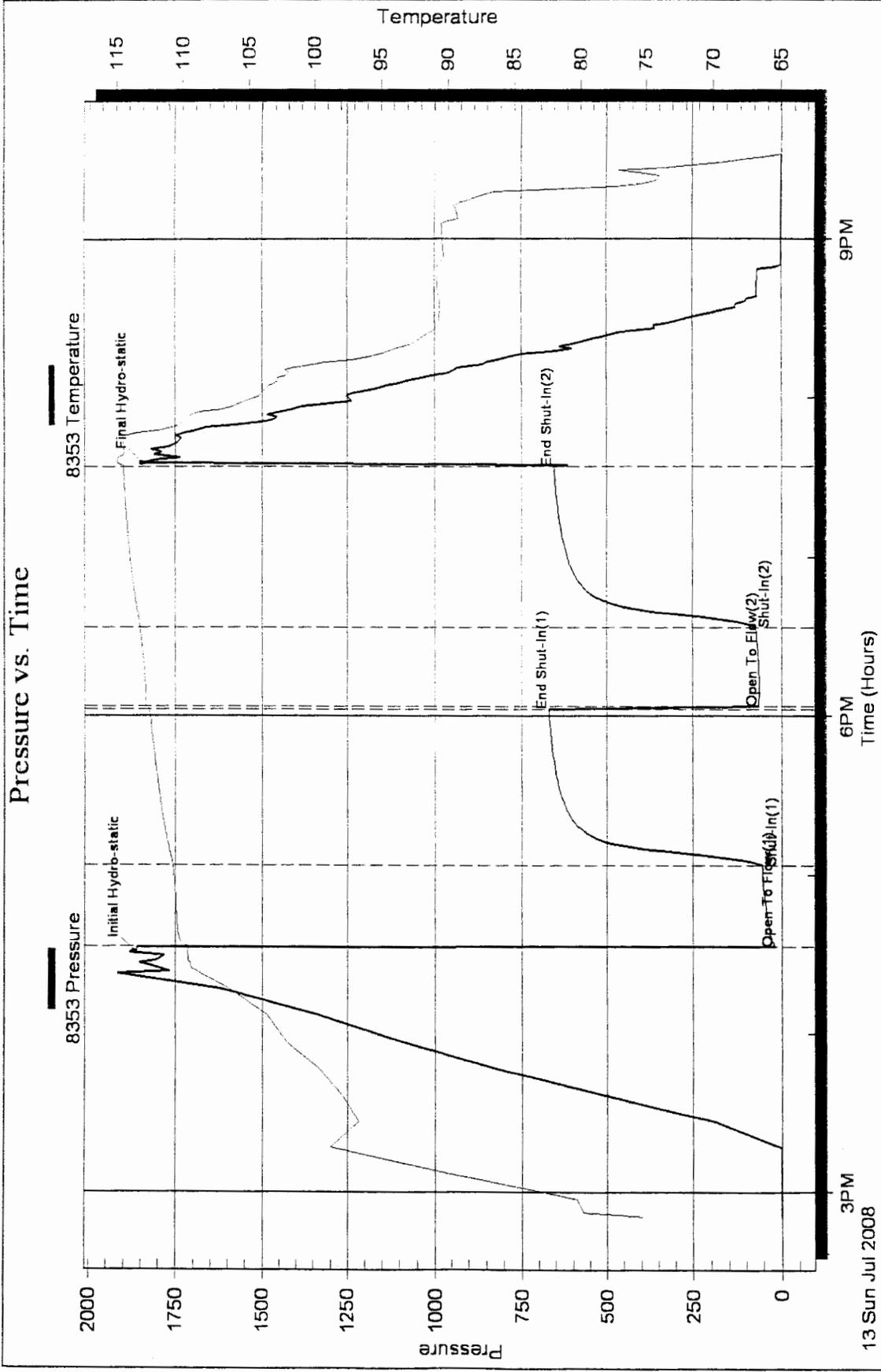
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	OWCM 20%O 30%W 50%M	0.310
102.00	CGO 10%G 90%O	0.866
0.00	GIP 412 FT	0.000
0.00	API = 29@85f=27	0.000
0.00	RW = NA	0.000

Total Length: 165.00 ft Total Volume: 1.176 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



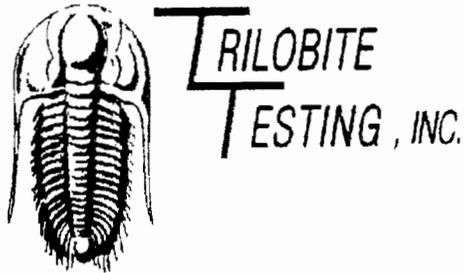
13 Sun Jul 2008

3PM

6PM

9PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LaBlanc

18 12S 21W Trego KS

Dorzweiler # 1

Start Date: 2008.07.14 @ 18:25:49

End Date: 2008.07.14 @ 22:14:19

Job Ticket #: 32421 DST #: 2

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

CMX Inc

Dorzweiler # 1

18 12S 21W Trego KS

DST # 2

Marmaton

2008.07.14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

CMX Inc
 1551 N Waterfront Pkwy Ste 150
 Wichita KS 67206
 ATTN: Ken LaBlanc

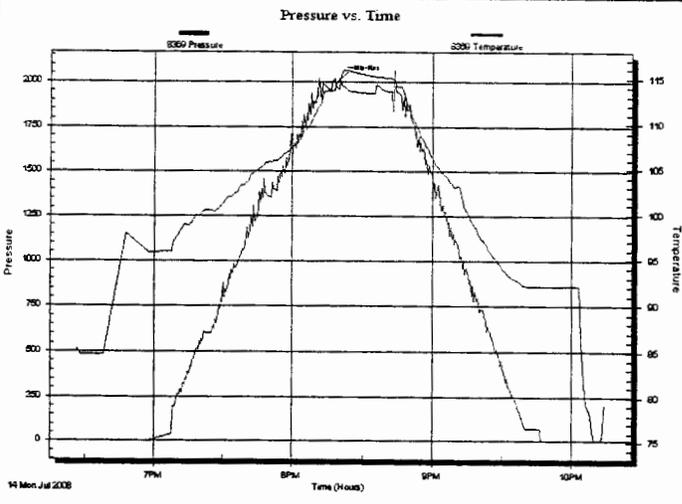
Dorzweiler # 1
18 12S 21W Trego KS
 Job Ticket: 32421 **DST#: 2**
 Test Start: 2008.07.14 @ 18:25:49

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: Tester: Kyle Kinderknecht
 Time Test Ended: 22:14:19 Unit No: 31
 Interval: **3890.00 ft (KB) To 3925.00 ft (KB) (TVD)** Reference Elevations: 2279.00 ft (KB)
 Total Depth: 3925.00 ft (KB) (TVD) 2274.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
 Press@RunDepth: psig @ 3896.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.07.14 End Date: 2008.07.14 Last Calib.: 2008.07.14
 Start Time: 18:25:54 End Time: 22:14:19 Time On Btm:
 Time Off Btm:

TEST COMMENT: MIS-RUN



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2014.66	114.88	--Mis-Run

Recovery		
Length (ft)	Description	Volume (bbl)
150.00	Mud	0.97

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc

Dorzweiler # 1

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

18 12S 21W Trego KS

Job Ticket: 32421

DST#: 2

ATTN: Ken LaBlanc

Test Start: 2008.07.14 @ 18:25:49

Tool Information

Drill Pipe:	Length: 3765.00 ft	Diameter: 3.80 inches	Volume: 52.81 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: lb
		Total Volume: 53.42 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3890.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3868.00	
Shut In Tool	5.00			3873.00	
Hydraulic tool	5.00			3878.00	
Safety Joint	3.00			3881.00	
Packer	5.00			3886.00	23.00 Bottom Of Top Packer
Packer	4.00			3890.00	
Stubb	1.00			3891.00	
Perforations	5.00			3896.00	
Recorder	0.00	8369	Inside	3896.00	
Recorder	0.00	6669	Inside	3896.00	
Perforations	22.00			3918.00	
Bullnose	3.00			3921.00	31.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32421 **DST#: 2**
Test Start: 2008.07.14 @ 18:25:49

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 2.00 inches			

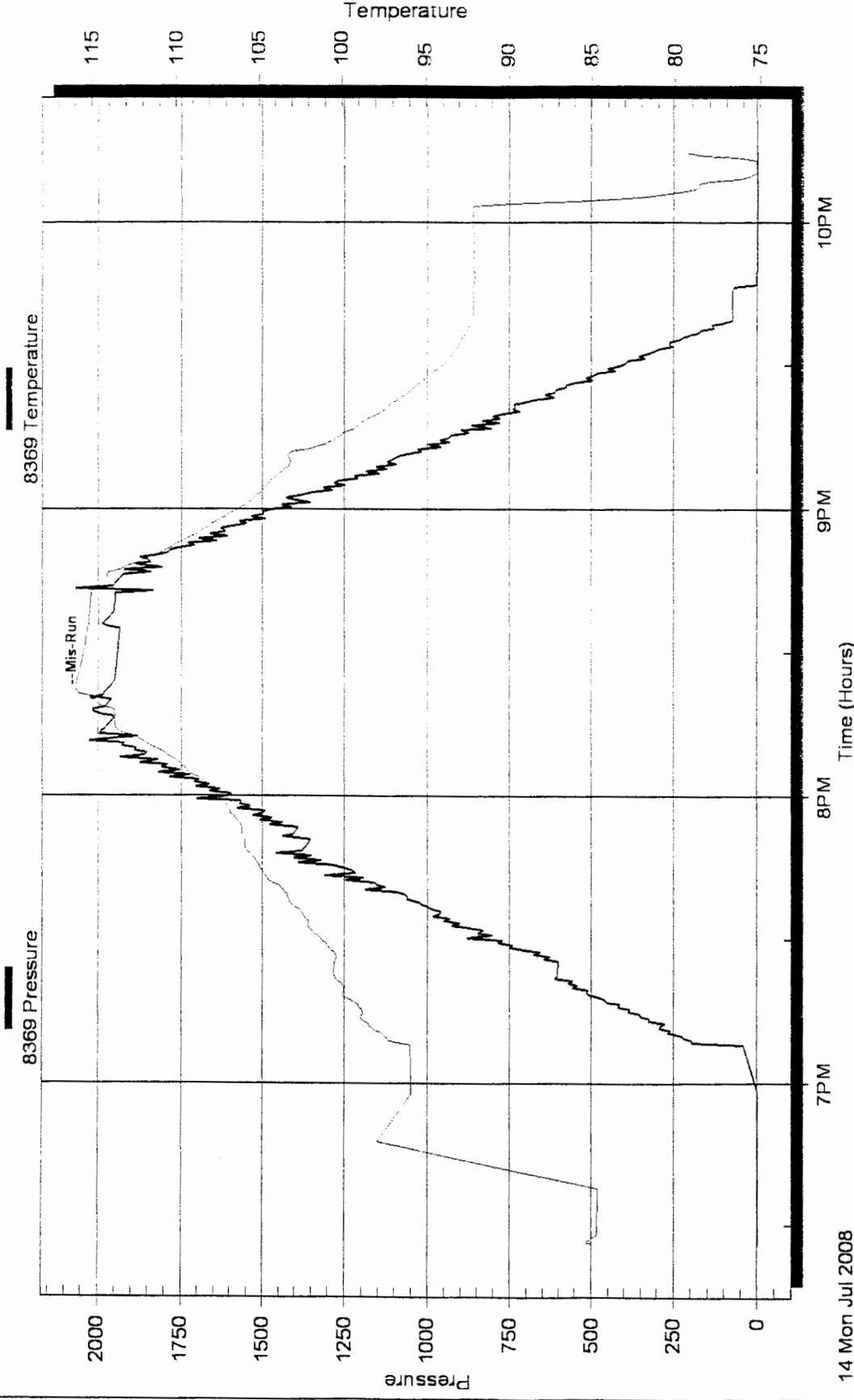
Recovery Information

Recovery Table

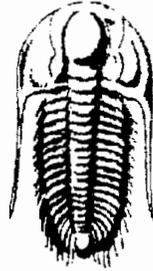
Length ft	Description	Volume bbl
150.00	Mud	0.965

Total Length: 150.00 ft Total Volume: 0.965 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



14 Mon Jul 2008



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LaBlanc

18 12S 21W Trego KS

Dorzweiler # 1

Start Date: 2008.07.14 @ 22:20:05

End Date: 2008.07.15 @ 05:46:35

Job Ticket #: 32422 DST #: 3

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

CMX Inc

Dorzweiler # 1

18 12S 21W Trego KS

DST # 3

Marmaton

2008.07.14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

CMX Inc
 1551 N Waterfront Pkwy Ste 150
 Wichita KS 67206
 ATTN: Ken LaBlanc

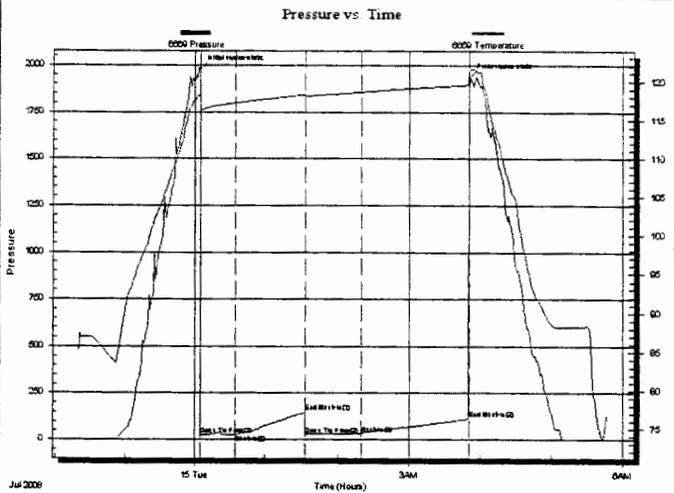
Dorzweiler # 1
18 12S 21W Trego KS
 Job Ticket: 32422 **DST#: 3**
 Test Start: 2008.07.14 @ 22:20:05

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:05:05
 Time Test Ended: 05:46:35
 Interval: **3803.00 ft (KB) To 3925.00 ft (KB) (TVD)**
 Total Depth: 3925.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Kyle Kinderknecht
 Unit No: 31
 Reference Elevations: 2279.00 ft (KB)
 2274.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6669 Inside
 Press@RunDepth: 32.51 psig @ 3810.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.07.14 End Date: 2008.07.15 Last Calib.: 2008.07.15
 Start Time: 22:20:10 End Time: 05:46:34 Time On Btm: 2008.07.15 @ 00:04:35
 Time Off Btm: 2008.07.15 @ 03:51:05

TEST COMMENT: IF 1" blow died back to 1/4"
 FF No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1980.27	118.21	Initial Hydro-static
1	24.48	116.26	Open To Flow (1)
31	28.69	117.17	Shut-In(1)
89	148.14	118.26	End Shut-In(1)
89	28.38	118.06	Open To Flow (2)
135	32.51	118.60	Shut-In(2)
226	113.85	119.53	End Shut-In(2)
227	1936.94	121.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32422 **DST#: 3**
Test Start: 2008.07.14 @ 22:20:05

Tool Information

Drill Pipe:	Length: 3673.00 ft	Diameter: 3.80 inches	Volume: 51.52 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 41000.00 lb
		Total Volume: 52.13 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3803.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	122.00 ft			
Tool Length:	145.00 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			3781.00	
Shut In Tool	5.00			3786.00	
Hydraulic tool	5.00			3791.00	
Safety Joint	3.00			3794.00	
Packer	4.00			3798.00	23.00 Bottom Of Top Packer
Packer	5.00			3803.00	
Stubb	1.00			3804.00	
Perforations	5.00			3809.00	
Change Over Sub	1.00			3810.00	
Recorder	0.00	8369	Inside	3810.00	
Recorder	0.00	6669	Inside	3810.00	
Blank Spacing	93.00			3903.00	
Change Over Sub	1.00			3904.00	
Perforations	18.00			3922.00	
Bullnose	3.00			3925.00	122.00 Bottom Packers & Anchor

Total Tool Length: 145.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32422 DST#: 3
Test Start: 2008.07.14 @ 22:20:05

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: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 2.00 inches			

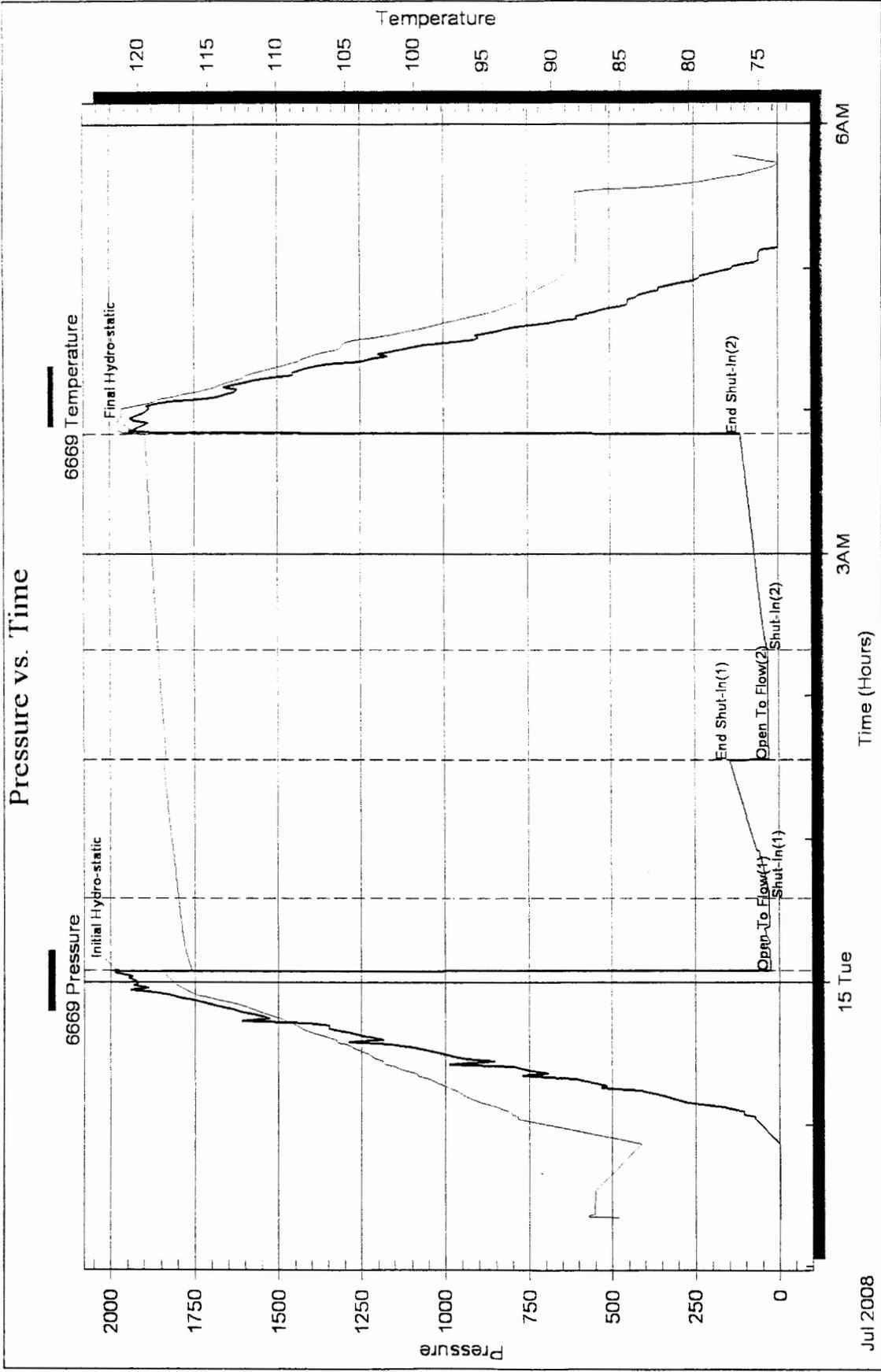
Recovery Information

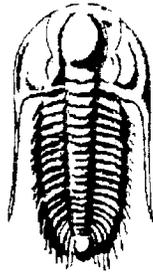
Recovery Table

Length ft	Description	Volume bbl
30.00	Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LaBlanc

18 12S 21W Trego KS

Dorzweiler # 1

Start Date: 2008.07.15 @ 14:57:57

End Date: 2008.07.15 @ 20:31:27

Job Ticket #: 32423 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

CMX Inc

Dorzweiler # 1

18 12S 21W Trego KS

DST # 4

Cong Snd

2008.07.15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32423 **DST#: 4**
Test Start: 2008.07.15 @ 14:57:57

Tool information

Drill Pipe:	Length: 3797.00 ft	Diameter: 3.80 inches	Volume: 53.26 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 53.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3920.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	59.00 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			3898.00	
Shut in Tool	5.00			3903.00	
Hydraulic tool	5.00			3908.00	
Safety Joint	3.00			3911.00	
Packer	4.00			3915.00	23.00 Bottom Of Top Packer
Packer	5.00			3920.00	
Stubb	1.00			3921.00	
Perforations	5.00			3926.00	
Recorder	0.00	8369	Outside	3926.00	
Recorder	0.00	6669	Inside	3926.00	
Perforations	27.00			3953.00	
Bullnose	3.00			3956.00	36.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32423 **DST#: 4**
Test Start: 2008.07.15 @ 14:57:57

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:	63.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.77 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2300.00 ppm				
Filter Cake:	2.00 inches				

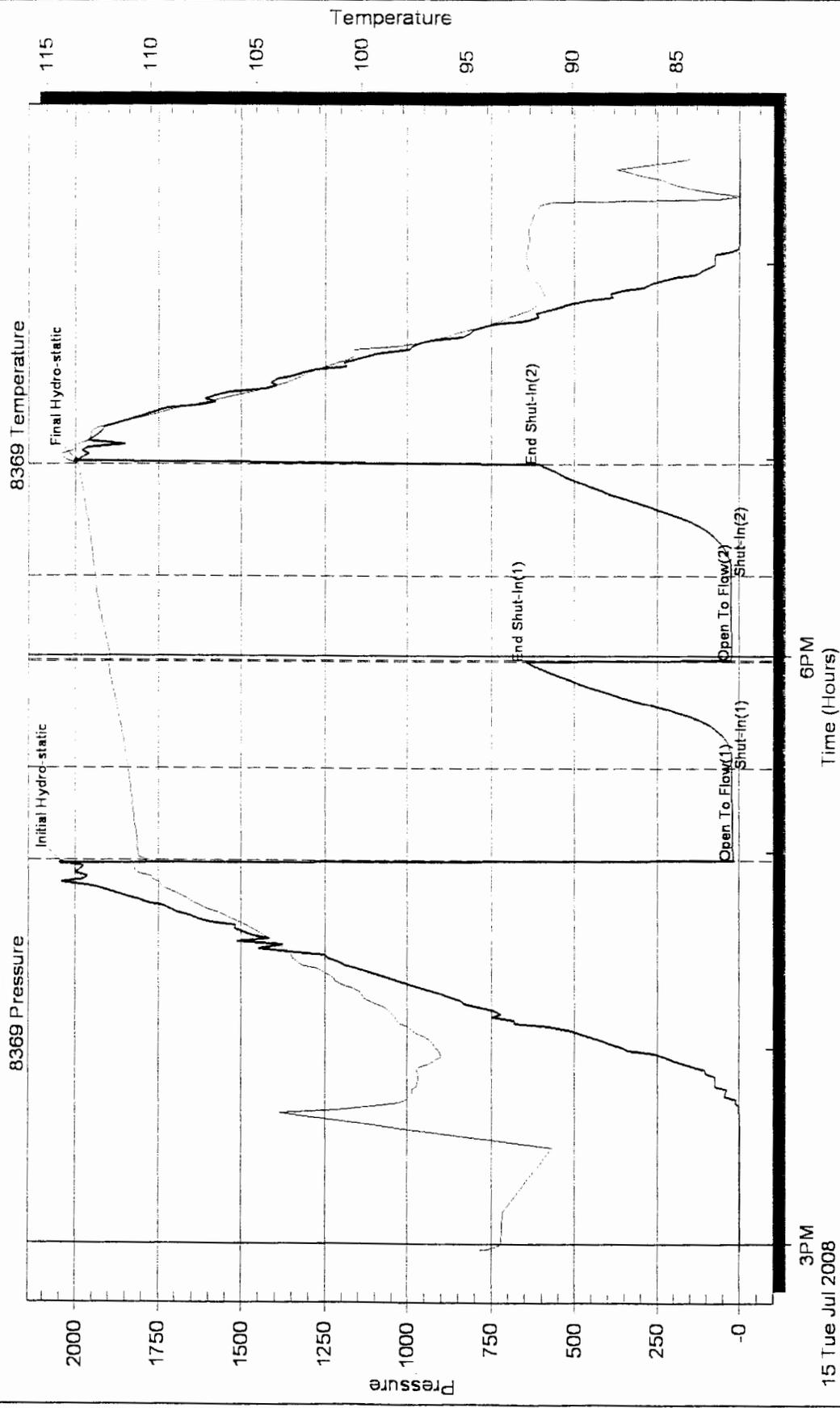
Recovery Information

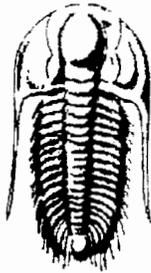
Recovery Table

Length ft	Description	Volume bbbl
10.00	SiTOCM 3%O 97%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:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LaBlanc

18 12S 21W Trego KS

Dorzweiler # 1

Start Date: 2008.07.16 @ 02:46:14

End Date: 2008.07.16 @ 10:05:14

Job Ticket #: 32424 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

CMX Inc

Dorzweiler # 1

18 12S 21W Trego KS

DST # 5

Arb

2008.07.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

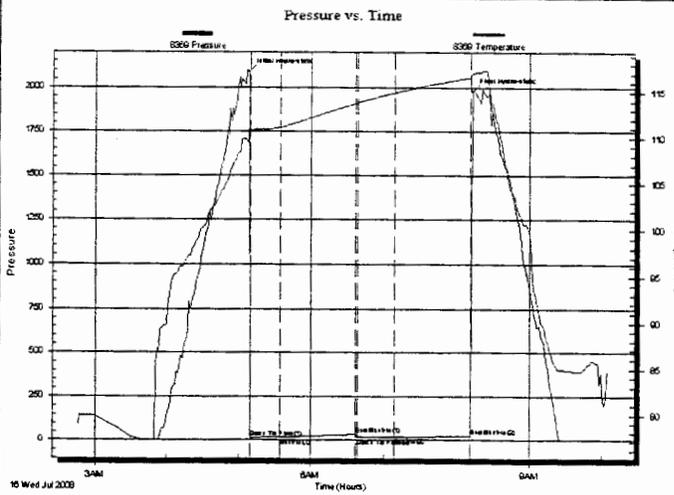
Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32424 **DST#: 5**
Test Start: 2008.07.16 @ 02:46:14

GENERAL INFORMATION:

Formation: **Arb**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:09:14
Time Test Ended: 10:05:14
Interval: **3969.00 ft (KB) To 3975.00 ft (KB) (TVD)**
Total Depth: 3975.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 31
Reference Elevations: 2279.00 ft (KB)
2274.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
Press@RunDepth: 15.70 psig @ 3970.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.07.16 End Date: 2008.07.16 Last Calib.: 2008.07.16
Start Time: 02:46:19 End Time: 10:05:13 Time On Btm: 2008.07.16 @ 05:08:14
Time Off Btm: 2008.07.16 @ 08:12:44

TEST COMMENT: IF 1/4 " blow died in 25 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.35	110.72	Initial Hydro-static
1	13.50	110.70	Open To Flow (1)
26	15.49	111.14	Shut-In(1)
89	33.55	113.77	End Shut-In(1)
90	15.08	113.82	Open To Flow (2)
121	15.70	114.94	Shut-In(2)
184	24.27	116.63	End Shut-In(2)
185	1980.12	117.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mw /scum O	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32424 **DST#: 5**
Test Start: 2008.07.16 @ 02:46:14

Tool Information

Drill Pipe:	Length: 3828.00 ft	Diameter: 3.80 inches	Volume: 53.70 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: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 54.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3969.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	29.00 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			3947.00	
Shut In Tool	5.00			3952.00	
Hydraulic tool	5.00			3957.00	
Safety Joint	3.00			3960.00	
Packer	4.00			3964.00	23.00 Bottom Of Top Packer
Packer	5.00			3969.00	
Stubb	1.00			3970.00	
Recorder	0.00	8369	Inside	3970.00	
Recorder	0.00	6669	Inside	3970.00	
Perforations	2.00			3972.00	
Bullnose	3.00			3975.00	6.00 Bottom Packers & Anchor

Total Tool Length: 29.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1551 N Waterfront Pkwy Ste 150
Wichita KS 67206
ATTN: Ken LaBlanc

Dorzweiler # 1
18 12S 21W Trego KS
Job Ticket: 32424 **DST#: 5**
Test Start: 2008.07.16 @ 02:46:14

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:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.98 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4400.00 ppm				
Filter Cake:	2.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mw/scum O	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:

