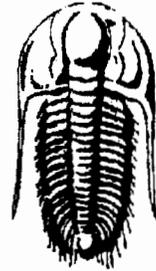


7-29s-15w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1551 N. Waterfront Pkwy STE150
Wichita KS 67206

ATTN: Ken LeBlanc

7 29s 15w Pratt KS

Kerr Estate #1

Start Date: 2009.02.04 @ 23:58:43

End Date: 2009.02.05 @ 12:26:43

Job Ticket #: 33883 DST #: 1

15-151-22321-0000

CMX Inc.

Kerr Estate #1

7 29s 15w Pratt KS

DST # 1

Simpson

2009.02.04

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206
ATTN: Ken LeBlanc

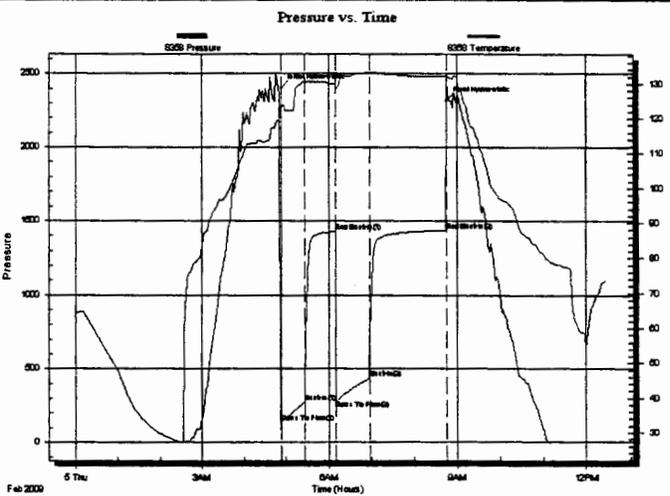
Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33883 **DST#: 1**
Test Start: 2009.02.04 @ 23:58:43

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:53:43
Time Test Ended: 12:26:43
Interval: **4732.00 ft (KB) To 4820.00 ft (KB) (TVD)**
Total Depth: 4820.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Kevin Taylor
Unit No: 31
Reference Elevations: 2053.00 ft (KB)
2041.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8358 **Inside**
Press@RunDepth: 437.57 psig @ 4733.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.04 End Date: 2009.02.05 Last Calib.: 2009.02.05
Start Time: 23:58:48 End Time: 12:26:43 Time On Btrr: 2009.02.05 @ 04:53:28
Time Off Btrr: 2009.02.05 @ 08:45:28

TEST COMMENT: IF Strong Blow BOB 6 Mn
ISI Bled Off 5 Mn Weak Blow Built To 1/2" Never Died
FF Weak Blow Built To 3" In 45 Mn
FSI Bled Off 10 Mn Weak Blow Built To 1" Never Died



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2401.73	123.11	Initial Hydro-static
1	137.42	122.47	Open To Flow (1)
33	277.95	130.67	Shut-In(1)
76	1429.49	129.85	End Shut-In(1)
77	286.27	129.62	Open To Flow (2)
124	437.57	133.20	Shut-In(2)
232	1436.15	132.10	End Shut-In(2)
232	2317.86	132.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	SOCM 5%O 95%M	0.46
63.00	OGCM 35%G 15%O 50%M	0.46
63.00	OGCM 50%G 30%O 20%M	0.54
63.00	OWGCM 35%G 30%O 5%W 30%M	0.92
63.00	SOGWCM 10% 15%O 10%W 65%M	0.92
63.00	SOWGCM 5%G 10%O 20%W 65%M	0.92

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 STE150
Wichita KS 67206

Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33883 **DST#: 1**
Test Start: 2009.02.04 @ 23:58:43

ATTN: Ken LeBlanc

Tool Information

Drill Pipe:	Length: 4561.00 ft	Diameter: 3.88 inches	Volume: 66.70 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: 30000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.75 inches	Volume: 1.32 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 68.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4732.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	111.00 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			4714.00	
Hydraulic tool	5.00			4719.00	
Safety Joint	3.00			4722.00	
Packer	5.00			4727.00	23.00 Bottom Of Top Packer
Packer	5.00			4732.00	
Stubb	1.00			4733.00	
Recorder	0.00	8358	Inside	4733.00	
Recorder	0.00	6668	Inside	4733.00	
Perforations	5.00			4738.00	
Change Over Sub	1.00			4739.00	
Drill Pipe	63.00			4802.00	
Change Over Sub	1.00			4803.00	
Perforations	14.00			4817.00	
Bullnose	3.00			4820.00	88.00 Bottom Packers & Anchor

Total Tool Length: 111.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.

Kerr Estate #1

1551 N. Waterfront Pkwy STE150
Wichita KS 67206

7 29s 15w Pratt KS

Job Ticket: 33883

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2009.02.04 @ 23:58:43

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	16000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.74 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	SOCM 5%O 95%M	0.463
63.00	OGCM 35%G 15%O 50%M	0.463
63.00	OGCM 50%G 30%O 20%M	0.536
63.00	OWGCM 35%G 30%O 5%W 30%M	0.921
63.00	SOGWCM 10% 15%O 10%W 65%M	0.921
63.00	SOWGCM 5%G 10%O 20%W 65%M	0.921
63.00	WOGCM 15%G 5%O 35%W 45%M	0.921
63.00	HWOGCM 5%G 30%O 35%W 30%M	0.921
63.00	HWOOCM 20%G 10%O 55%W 15%M	0.921
317.00	Mudy Wtr 20%M 80%W	4.636
0.00	1590 GIP	0.000

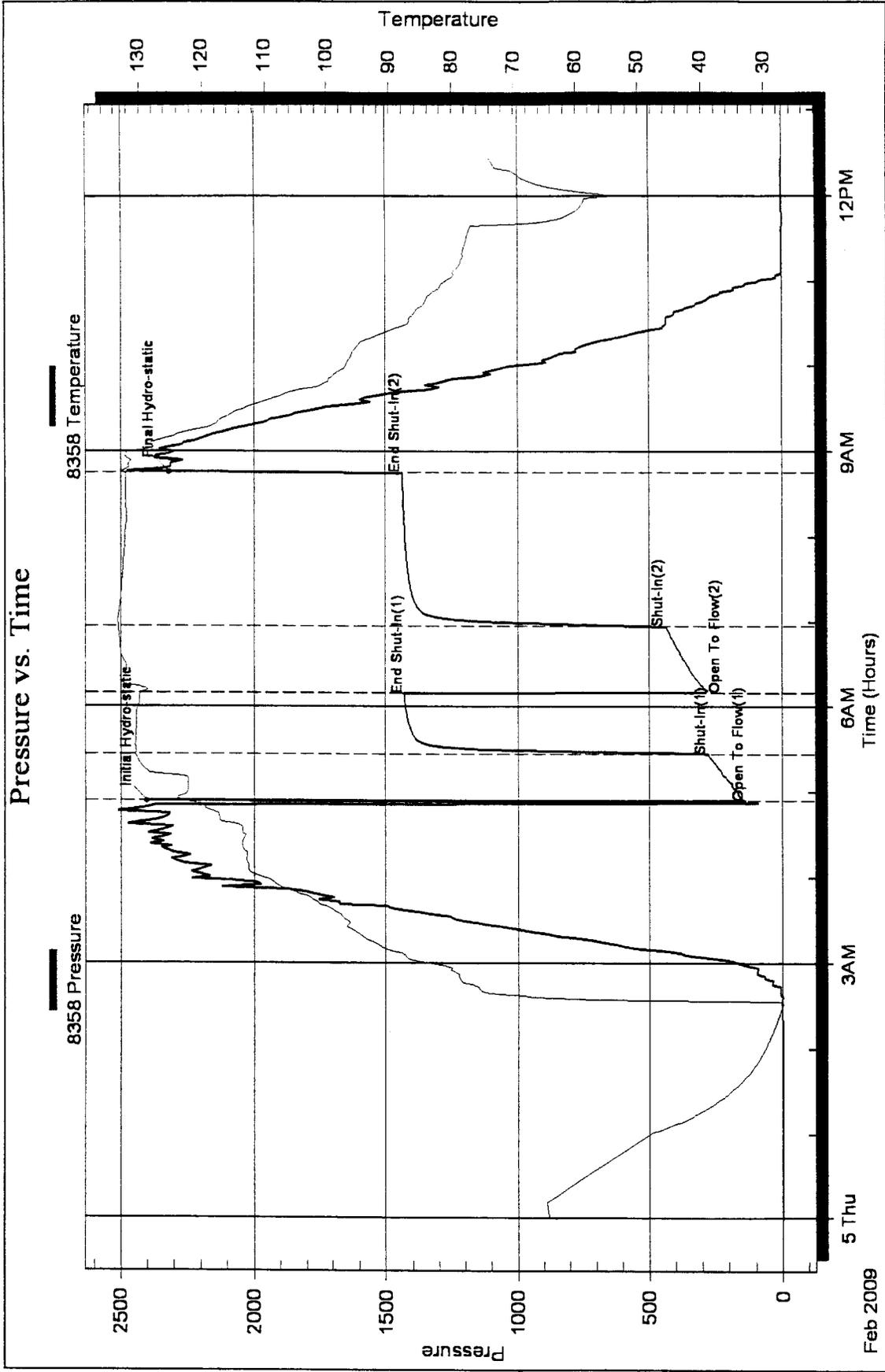
Total Length: 884.00 ft Total Volume: 11.624 bbl

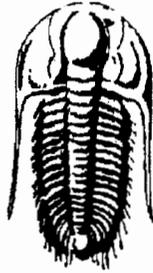
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .05 @ 63F

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1551 N. Waterfront Pkwy STE150
Wichita KS 67206

ATTN: Ken LeBlanc

7 29s 15w Pratt KS

Kerr Estate #1

Start Date: 2009.02.06 @ 21:59:12

End Date: 2009.02.07 @ 03:42:12

Job Ticket #: 33997 DST #: 2

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

CMX Inc.

Kerr Estate #1

7 29s 15w Pratt KS

DST # 2

Bader LS

2009.02.06



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206
ATTN: Ken LeBlanc

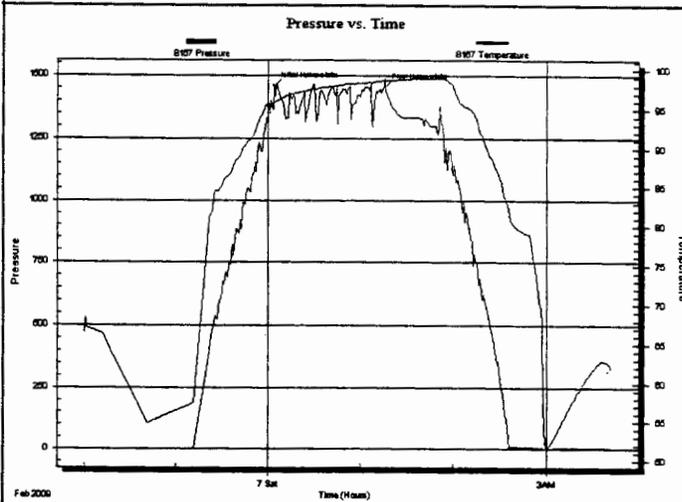
Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33997 **DST#: 2**
Test Start: 2009.02.06 @ 21:59:12

GENERAL INFORMATION:

Formation: **Bader LS**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 03:42:12
Test Type: Conventional Straddle
Tester: Gary Pevoteaux
Unit No: 39
Interval: **2715.00 ft (KB) To 2760.00 ft (KB) (TVD)**
Reference Elevations: 2053.00 ft (KB)
Total Depth: 4998.00 ft (KB) (TVD) 2041.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 12.00 ft

Serial #: 8167 **Inside**
Press@RunDepth: psig @ 2716.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.06 End Date: 2009.02.07 Last Calib.: 2009.02.07
Start Time: 21:59:17 End Time: 03:42:11 Time On Btrr: 2009.02.07 @ 00:04:27
Time Off Btrr: 2009.02.07 @ 01:15:57

TEST COMMENT: Tried several times to set Hookw all tool & packers.
Could not get a set anyw here w ithen 20 ft. either side of target. Misrun!



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1458.41	95.90	Initial Hydro-static
72	1455.03	98.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206

Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33997 **DST#: 2**
Test Start: 2009.02.06 @ 21:59:12

ATTN: Ken LeBlanc

Tool Information

Drill Pipe:	Length: 2661.00 ft	Diameter: 3.80 inches	Volume: 37.33 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 0.00 lb
Drill Collar:	Length: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 40000.00 lb
			Total Volume: 37.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2715.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	2760.00 ft			
Interval between Packers:	45.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2693.00	
Shut In Tool	5.00			2698.00	
Hydraulic tool	5.00			2703.00	
Safety Joint	3.00			2706.00	
Packer	4.00			2710.00	23.00 Bottom Of Top Packer
Packer	5.00		Inside	2715.00	
Stubb	1.00			2716.00	
Recorder	0.00	8167	Inside	2716.00	
Perforations	6.00			2722.00	
Change Over Sub	1.00			2723.00	
Drill Pipe	31.00			2754.00	
Change Over Sub	1.00			2755.00	
Perforations	1.00			2756.00	
Recorder	0.00	11019	Outside	2756.00	
Blank Off Sub	1.00			2757.00	
top of s packer	3.00			2760.00	45.00 Tool Interval
Packer	0.00			2760.00	
Stubb	1.00			2761.00	
Hookw all	6.00			2767.00	
Recorder	0.00	8370	Below	2767.00	
Perforations	2.00			2769.00	9.00 Bottom Packers & Anchor

Total Tool Length: 77.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206
ATTN: Ken LeBlanc

Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33997 DST#: 2
Test Start: 2009.02.06 @ 21:59:12

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: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

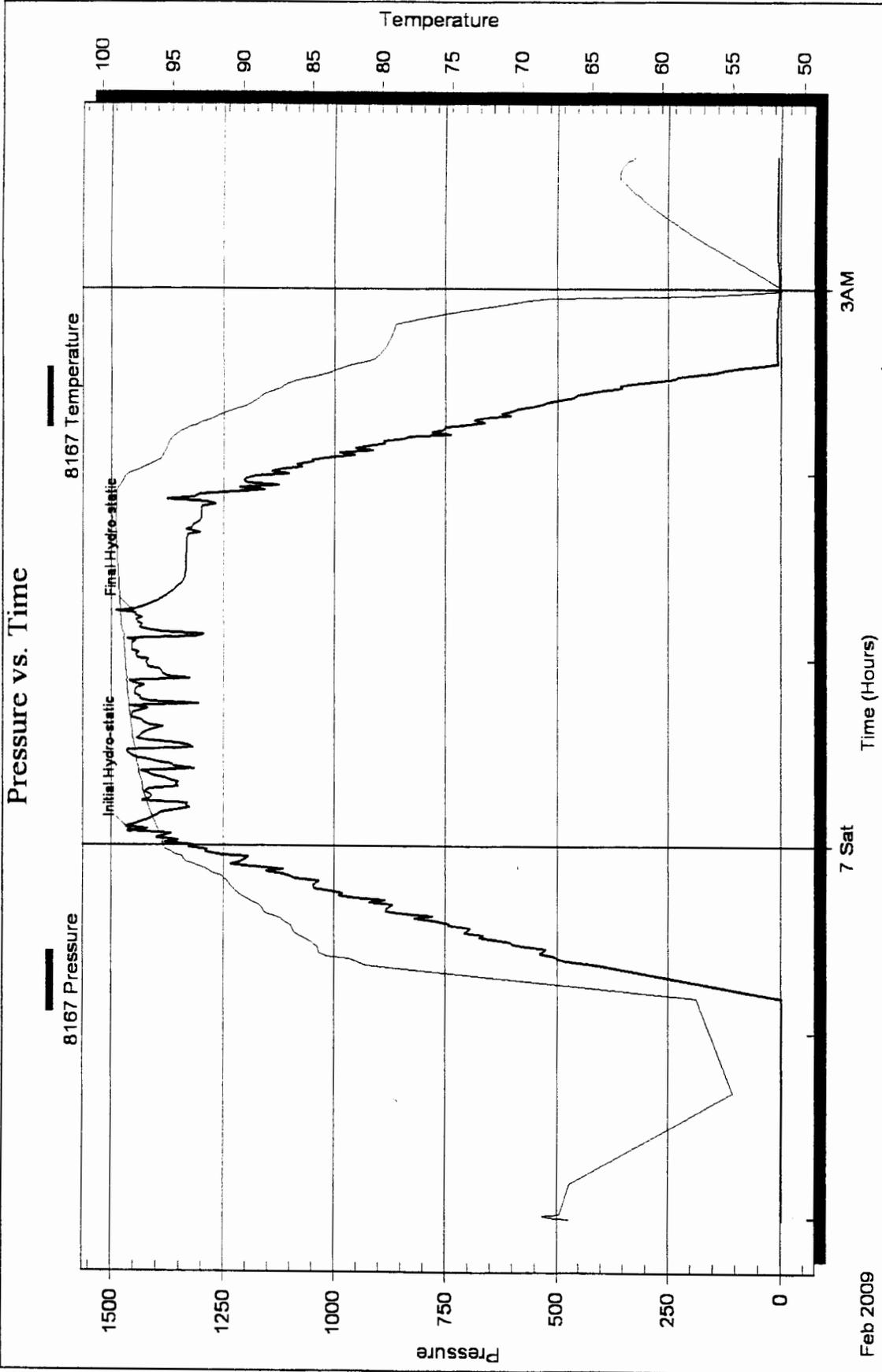
Recovery Information

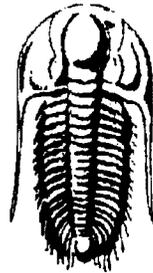
Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length: ft Total Volume: bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1551 N. Waterfront Pkwy STE150
Wichita KS 67206

ATTN: Ken LeBlanc

7 29s 15w Pratt KS

Kerr Estate #1

Start Date: 2009.02.07 @ 03:55:54

End Date: 2009.02.07 @ 13:36:39

Job Ticket #: 33998 DST #: 3

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

CMX Inc.

Kerr Estate #1

7 29s 15w Pratt KS

DST # 3

Viola

2009.02.07



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206
ATTN: Ken LeBlanc

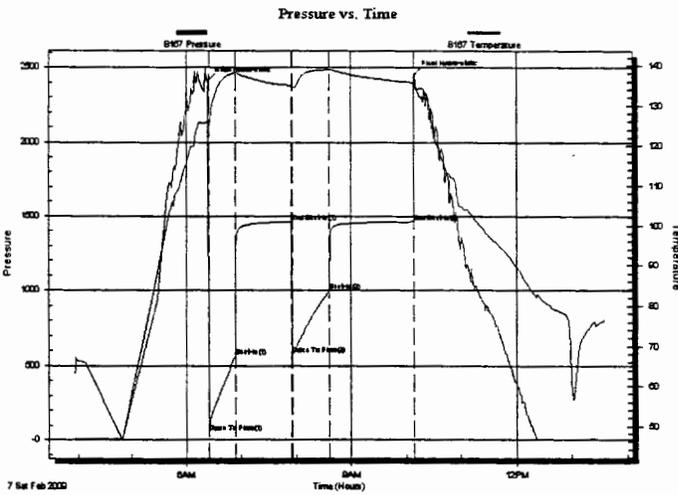
Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33998 **DST#: 3**
Test Start: 2009.02.07 @ 03:55:54

GENERAL INFORMATION:

Formation: **Viola**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 06:24:24
Time Test Ended: 13:36:39
Interval: **4770.00 ft (KB) To 4792.00 ft (KB) (TVD)**
Total Depth: **4998.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Straddle**
Tester: **Gary Pevoteaux**
Unit No: **39**
Reference Elevations: **2053.00 ft (KB)**
2041.00 ft (CF)
KB to GR/CF: **12.00 ft**

Serial #: 8167 Inside
Press@RunDepth: **997.73 psig @ 4771.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2009.02.07** End Date: **2009.02.07** Last Calib.: **2009.02.07**
Start Time: **03:55:59** End Time: **13:36:39** Time On Btrr: **2009.02.07 @ 06:23:24**
Time Off Btrr: **2009.02.07 @ 10:09:38**

TEST COMMENT: IF:Strong blow . B.O.B. in 4 mins.
IS:Weak blow . 1/4".
FF:Strong blow . B.O.B. in 4 1/2 mins.
FSI:Weak blow . 1/4 - 1".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2410.89	125.87	Initial Hydro-static
1	50.86	125.22	Open To Flow (1)
30	561.20	138.14	Shut-In (1)
92	1463.24	134.82	End Shut-In (1)
93	573.29	134.15	Open To Flow (2)
133	997.73	138.93	Shut-In (2)
225	1463.84	135.68	End Shut-In (2)
227	2453.53	134.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
890.00	MV w/o specs/Rw .08 ohms@69 deg.4%10.84%w	
635.00	GOCMV 8%g 3%o 10%a 79%w	8.91
510.00	GOCMV 12%g 6%o 29%a 53%w	7.15
110.00	GOCMV 11%g 5%o 34%a 50%w	1.54
0.00	135 ft. of GIP	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 STE150
Wichita KS 67206

ATTN: Ken LeBlanc

Kerr Estate #1

7 29s 15w Pratt KS

Job Ticket: 33998

DST#:3

Test Start: 2009.02.07 @ 03:55:54

Tool Information

Drill Pipe:	Length: 4592.00 ft	Diameter: 3.80 inches	Volume: 64.41 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 83000.00 lb
			Total Volume: 65.30 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4770.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4792.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	251.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4748.00	
Shut In Tool	5.00			4753.00	
Hydraulic tool	5.00			4758.00	
Safety Joint	3.00			4761.00	
Packer	4.00			4765.00	23.00 Bottom Of Top Packer
Packer	5.00		inside	4770.00	
Stubb	1.00			4771.00	
Recorder	0.00	8167	inside	4771.00	
Perforations	17.00			4788.00	
Recorder	0.00	11019	Outside	4788.00	
Blank Off Sub	1.00			4789.00	
top of s packer	3.00			4792.00	22.00 Tool Interval
Packer	0.00			4792.00	
Stubb	1.00			4793.00	
Recorder	0.00	8370	Below	4793.00	
Perforations	8.00			4801.00	
Change Over Sub	1.00			4802.00	
Blank Spacing	190.00			4992.00	
Change Over Sub	1.00			4993.00	
Bullnose	5.00			4998.00	206.00 Bottom Packers & Anchor

Total Tool Length: 251.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
1551 N. Waterfront Pkwy STE150
Wichita KS 67206
ATTN: Ken LeBlanc

Kerr Estate #1
7 29s 15w Pratt KS
Job Ticket: 33998 DST#: 3
Test Start: 2009.02.07 @ 03:55:54

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:	94000 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
890.00	MV w/o specs/Rw .08 ohms@69 deg.4% μ 9t	10.845
635.00	GOCMW 8%g 3%o 10% μ 79%w	8.907
510.00	GOCMW 12%g 6%o 29% μ 53%w	7.154
110.00	GOCMW 11%g 5%o 34% μ 50%w	1.543
0.00	135 ft. of GIP	0.000

Total Length: 2145.00 ft Total Volume: 28.449 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

