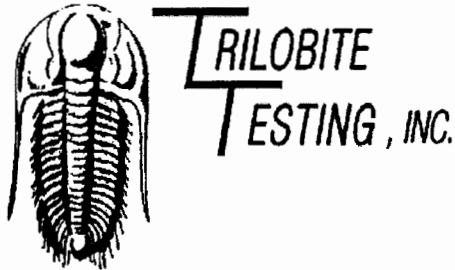


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KCC WICHITA

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

150 N.Main Ste. 1026
Wichita Ks. 67202

ATTN: Clark/LeBlanc

12-30s-12w Barber Ks

House #1

Start Date: 2003.08.23 @ 14:43:11

End Date: 2003.08.23 @ 20:29:16

Job Ticket #: 17133 DST #: 1

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

CMX Inc.

House #1

12-30s-12w Barber Ks

DST # 1

Cottonwood

2003.08.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Inc.
150 N.Main Ste. 1026
Wichita Ks. 67202
ATTN: Clark/LeBlanc

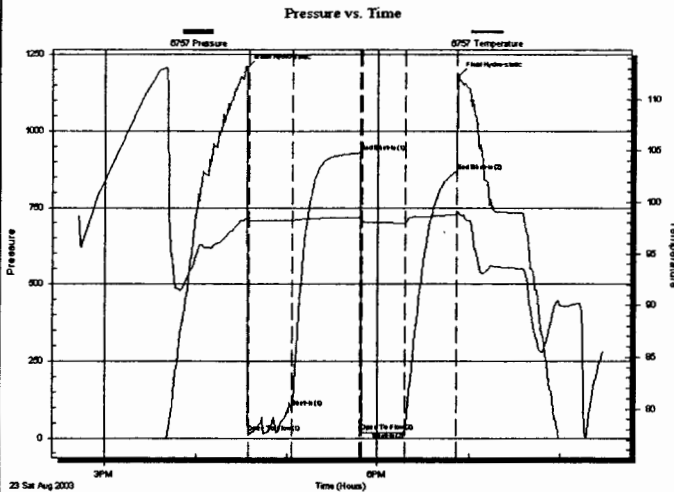
House #1
12-30s-12w Barber Ks
Job Ticket: 17133 DST#: 1
Test Start: 2003.08.23 @ 14:43:11

GENERAL INFORMATION:

Formation: **Cottonwood**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:34:31
Time Test Ended: 20:29:16
Interval: **2546.00 ft (KB) To 2572.00 ft (KB) (TVD)**
Total Depth: 2572.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole
Tester: Gary Pevoteaux
Unit No: 23
Reference Elevations: 1852.00 ft (KB)
1843.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: **6757** Inside
Press@RunDepth: 19.14 psig @ 2547.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2003.08.23 End Date: 2003.08.23 Last Calib.: 2003.08.23
Start Time: 14:43:12 End Time: 20:29:16 Time On Btrn: 2003.08.23 @ 16:32:46
Time Off Btrn: 2003.08.23 @ 18:52:46

TEST COMMENT: F:Strong blow . B.O.B. in 75 secs.
IS:No blow .
FF:Strong blow . B.O.B. in 2 - 3 secs. GTS in 23 mins. TSTM.
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1207.46	98.46	Initial Hydro-static
2	16.18	98.20	Open To Flow (1)
31	99.13	98.25	Shut-In(1)
76	929.39	98.55	End Shut-In(1)
77	21.29	98.12	Open To Flow (2)
106	19.14	97.98	Shut-In(2)
139	868.14	98.84	End Shut-In(2)
140	1181.94	99.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
32.00	Drig.mud	0.45

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc.

150 N.Main Ste. 1026
Wichita Ks. 67202

ATTN: Clark/LeBlanc

House #1

12-30s-12w Barber Ks

Job Ticket: 17133

DST#: 1

Test Start: 2003.08.23 @ 14:43:11

Tool Information

Drill Pipe:	Length: 2529.00 ft	Diameter: 3.80 inches	Volume: 35.48 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 35.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2546.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2525.00	
S.I. Tool	5.00			2530.00	
HMV	5.00			2535.00	
Safety Joint	2.00			2537.00	
Packer	4.00			2541.00	22.00 Bottom Of Top Packer
Packer	5.00			2546.00	
Stubb	1.00			2547.00	
Recorder	0.00	6757	Inside	2547.00	
Perforations	20.00			2567.00	
Recorder	0.00	13222	Outside	2567.00	
Bullnose	5.00			2572.00	26.00 Bottom Packers & Anchor
Total Tool Length:				48.00	



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
150 N.Main Ste. 1026
Wichita Ks. 67202
ATTN: Clark/LeBlanc

House #1
12-30s-12w Barber Ks
Job Ticket: 17133 **DST#: 1**
Test Start: 2003.08.23 @ 14:43:11

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:	8000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	Drig.mud	0.449

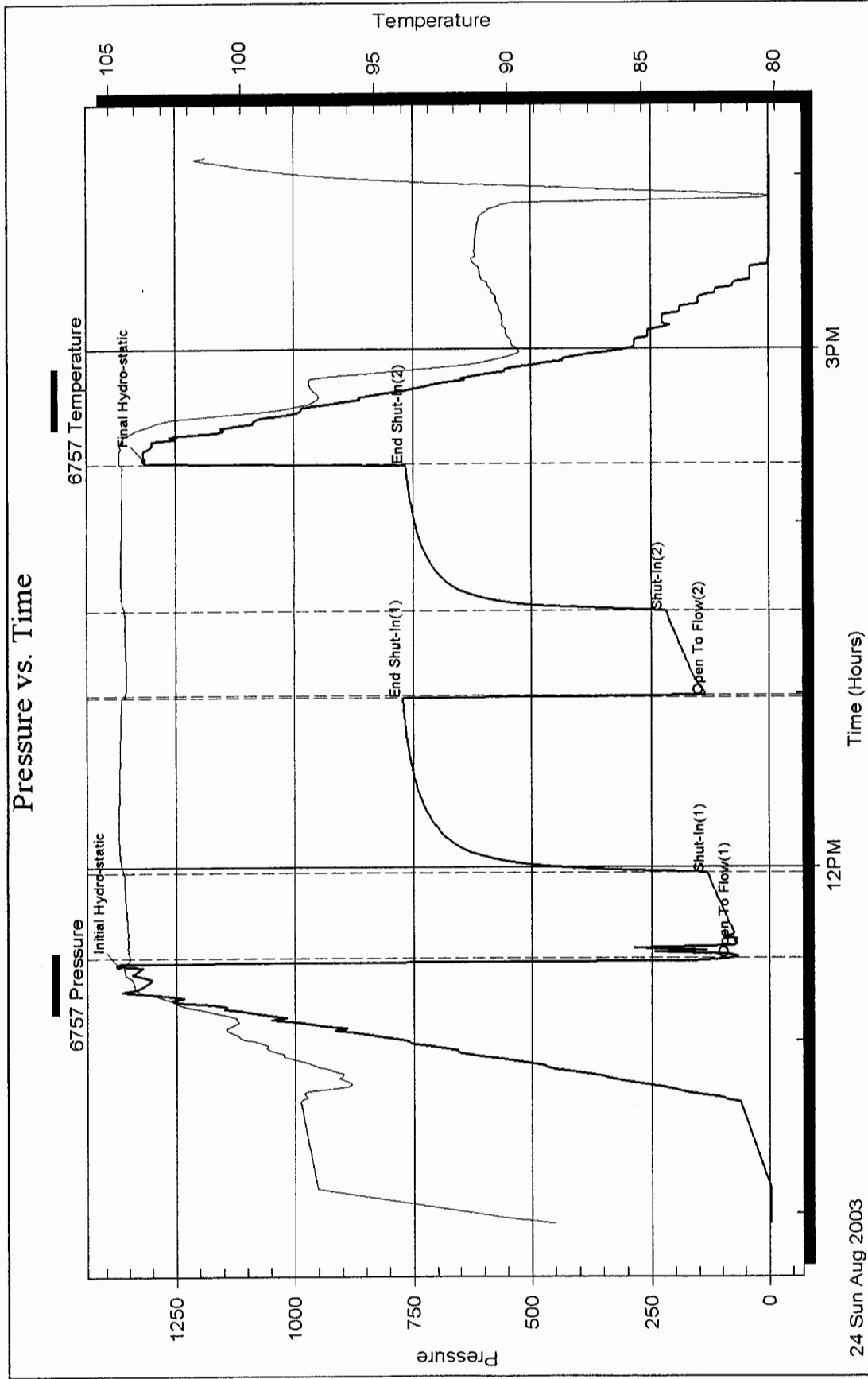
Total Length: 32.00 ft Total Volume: 0.449 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

House #1
12-30s-12w Barber Ks

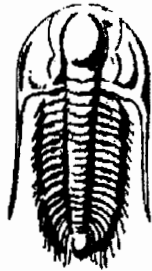
DST Test Number: 1

Serial #: 6757 Inside CMX Inc.

Pressure vs. Time



24 Sun Aug 2003



**TRILOBITE
TESTING, INC.**

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KCC WICHITA

CMX Inc.

House #1

12-30s-12w Barber Ks

DST # 2

Indian cave

2003.08.24

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

150 N.Main Ste. 1026
Wichita Ks. 67202

ATTN: Clark/LeBlanc

12-30s-12w Barber Ks

House #1

Start Date: 2003.08.23 @ 14:43:11

End Date: 2003.08.23 @ 20:29:16

Job Ticket #: 17133

DST #: *12*

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

CMX Inc.

150 N.Main Ste. 1026
Wichita Ks. 67202

ATTN: Clark/LeBlanc

House #1

12-30s-12w Barber Ks

Job Ticket: 17133

DST#: 1

Test Start: 2003.08.23 @ 14:43:11

Tool Information

Drill Pipe:	Length: 2529.00 ft	Diameter: 3.80 inches	Volume: 35.48 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 38.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2546.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2525.00	-999999.00
S.I. Tool	5.00			2530.00	-999999.00
HMV	5.00			2535.00	-999999.00
Safety Joint	2.00			2537.00	-999999.00
Packer	4.00			2541.00	22.00 Bottom Of Top Packer
Packer	5.00			2546.00	-999999.00
Stubb	1.00			2547.00	-999999.00
Recorder	0.00	6757	Inside	2547.00	-999999.00
Perforations	20.00			2567.00	-999999.00
Recorder	0.00	13222	Outside	2567.00	-999999.00
Bullnose	5.00			2572.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
150 N.Main Ste. 1026
Wichita Ks. 67202
ATTN: Clark/LeBlanc

House #1
12-30s-12w Barber Ks
Job Ticket: 17133 DST#: 1
Test Start: 2003.08.23 @ 14:43:11

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:	8000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	Drig.mud	0.449

Total Length: 32.00 ft Total Volume: 0.449 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

House #1

12-30s-12w Barber Ks

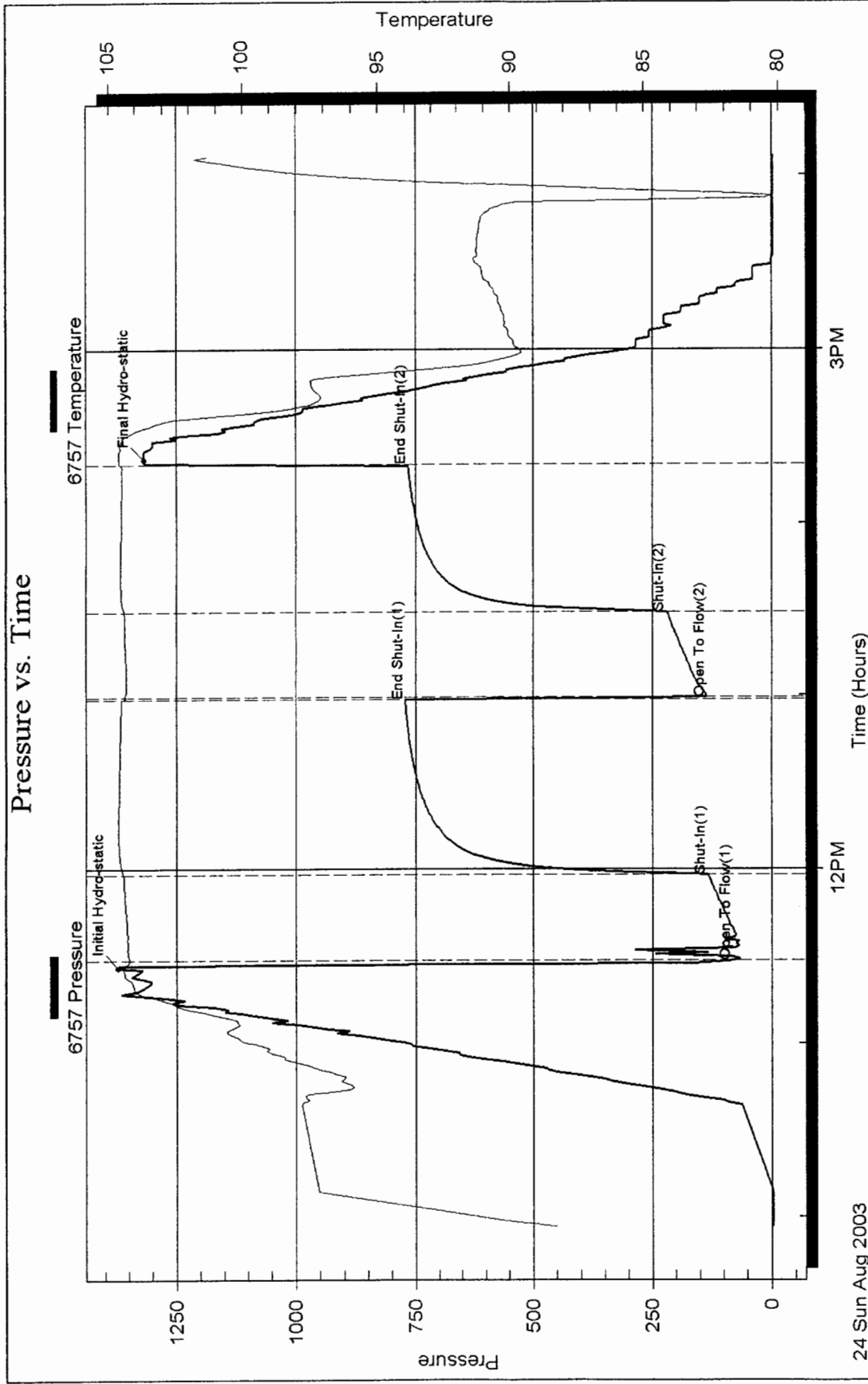
DST Test Number: 1

CMX Inc.

Inside

Serial #: 6757

Pressure vs. Time



24 Sun Aug 2003

3PM

12PM



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

150 N.Main Ste. 1026
Wichita Ks. 67202

ATTN: Clark/LeBlanc

12-30s-12w Barber Ks

House #1

Start Date: 2003.08.23 @ 14:43:11

End Date: 2003.08.23 @ 20:29:16

Job Ticket #: 17133 DST #: 13

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CMX Inc.

House #1

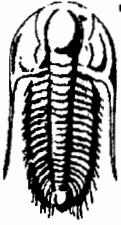
12-30s-12w Barber Ks

DST # 3

Tarkio

2003.08.25

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

CMX Inc.
150 N.Main Ste. 1026
Wichita Ks. 67202
ATTN: Clark/LeBlanc

House #1
12-30s-12w Barber Ks
Job Ticket: 17133 DST#: 1
Test Start: 2003.08.23 @ 14:43:11

Tool Information

Drill Pipe:	Length: 2529.00 ft	Diameter: 3.80 inches	Volume: 35.48 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 41.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	2546.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2525.00	-999999.00
S.I. Tool	5.00			2530.00	-999999.00
HMV	5.00			2535.00	-999999.00
Safety Joint	2.00			2537.00	-999999.00
Packer	4.00			2541.00	22.00 Bottom Of Top Packer
Packer	5.00			2546.00	-999999.00
Stubb	1.00			2547.00	-999999.00
Recorder	0.00	6757	Inside	2547.00	-999999.00
Perforations	20.00			2567.00	-999999.00
Recorder	0.00	13222	Outside	2567.00	-999999.00
Bullnose	5.00			2572.00	26.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
150 N.Main Ste. 1026
Wichita Ks. 67202
ATTN: Clark/LeBlanc

House #1
12-30s-12w Barber Ks
Job Ticket: 17133 **DST#: 1**
Test Start: 2003.08.23 @ 14:43:11

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:	8000 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
32.00	Drig.mud	0.449

Total Length: 32.00 ft Total Volume: 0.449 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

House #1

DST Test Number: 1

12-30s-12w Barber Ks

CMX Inc.

Inside

Serial #: 6757

Pressure vs. Time

