

TRILOBITE
TESTING, INC.

*no
dst
(1)
attached*

DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LeBlanc

24-18s-4w McPherson

Dahlsten #1

Start Date: 2008.06.29 @ 20:33:16

End Date: 2008.06.30 @ 08:21:01

Job Ticket #: 31718

DST #: 2

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 Ste 150
Wichita KS 67206

ATTN: Ken LeBlanc

Dahlsten #1

24-18s-4w McPherson

Job Ticket: 31718

DST#: 2

Test Start: 2008.06.29 @ 20:33:16

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:52:31

Time Test Ended: 08:21:01

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 39

Interval: **3632.00 ft (KB) To 3659.00 ft (KB) (TVD)**

Total Depth: 3659.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1472.00 ft (KB)

1462.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8357

Inside

Press@RunDepth: 703.28 psig @ 3633.00 ft (KB)

Start Date: 2008.06.29

End Date:

2008.06.30

Start Time: 20:33:21

End Time:

08:21:01

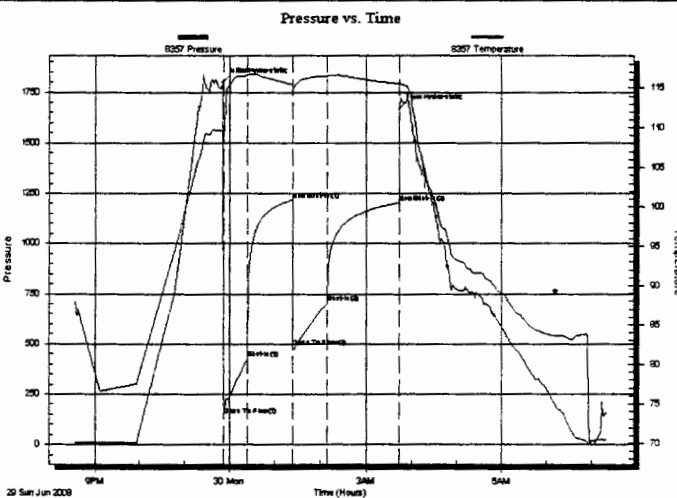
Capacity: 7000.00 psig

Last Calib.: 2008.06.30

Time On Btm: 2008.06.29 @ 23:51:46

Time Off Btm: 2008.06.30 @ 03:44:30

TEST COMMENT: IF: Fair to strong blow . BOB in 2 min.
IS: Weak blow . Surface blow (no more than 1/4").
FF: Fair to strong blow . BOB in 2 min.
FS: Weak blow . Surface blow (no more than 1/4").



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1798.63	109.61	Initial Hydro-static
1	146.14	109.39	Open To Flow (1)
33	425.37	116.59	Shut-In (1)
93	1219.02	115.42	End Shut-In (1)
93	485.80	115.17	Open To Flow (2)
138	703.28	116.55	Shut-In (2)
232	1203.58	115.52	End Shut-In (2)
233	1670.83	115.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	SG&OCMV 2%G 5%O 15%M 78%W	1.56
279.00	SG&OCMV 2%G 8%O 25%M 65%W	2.24
93.00	G&OCMV 5%G 10%O 35%M 50%W	0.75
341.00	G&OCMV 10%G 15%O 25%W 50%M	2.74
186.00	G&OCMV 10%G 20%O 20%M 50%W	1.49
419.00	SMCO 8% m 10% g 82% o	3.36

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 LeBlanc

Dahlsen #1

24-18s-4w McPherson

Job Ticket: 31718

DST#: 2

Test Start: 2008.06.29 @ 20:33:16

Tool Information

Drill Pipe:	Length: 3313.00 ft	Diameter: 2.88 inches	Volume: 26.69 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:	22000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose:	94000.00 lb
		Total Volume:	28.17 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	3632.00 ft			Final	82000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	65.00 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			3605.00	
Shut In Tool	5.00			3610.00	
Hydraulic tool	5.00			3615.00	
Jars	5.00			3620.00	
Safety Joint	3.00			3623.00	
Packer	4.00			3627.00	28.00 Bottom Of Top Packer
Packer	5.00			3632.00	
Stubb	1.00			3633.00	
Recorder	0.00	8167	Inside	3633.00	
Recorder	0.00	8357	Inside	3633.00	
Perforations	31.00			3664.00	
Bullnose	5.00			3669.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LeBlanc

Dahlsten #1

24-18s-4w McPherson

Job Ticket: 31718

DST#: 2

Test Start: 2008.06.29 @ 20:33:16

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.98 in³

Resistivity: 0.00 ohm.m

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	SG&OCMV 2%G 5%O 15%M 78%W	1.556
279.00	SG&OCMV 2%G 8%O 25%M 65%W	2.240
93.00	G&OCMV 5%G 10%O 35%M 50%W	0.747
341.00	G&OCMV 10%G 15%O 25%W 50%M	2.738
186.00	G&OCMV 10%G 20%O 20%M 50%W	1.493
419.00	SMGO 8%w 10%g 82%o	3.364
0.00	Rw .2 @ 70 deg = 36000 ppm	0.000

Total Length: 1628.00ft

Total Volume: 12.138 bbl

Num Fluid Samples: 0

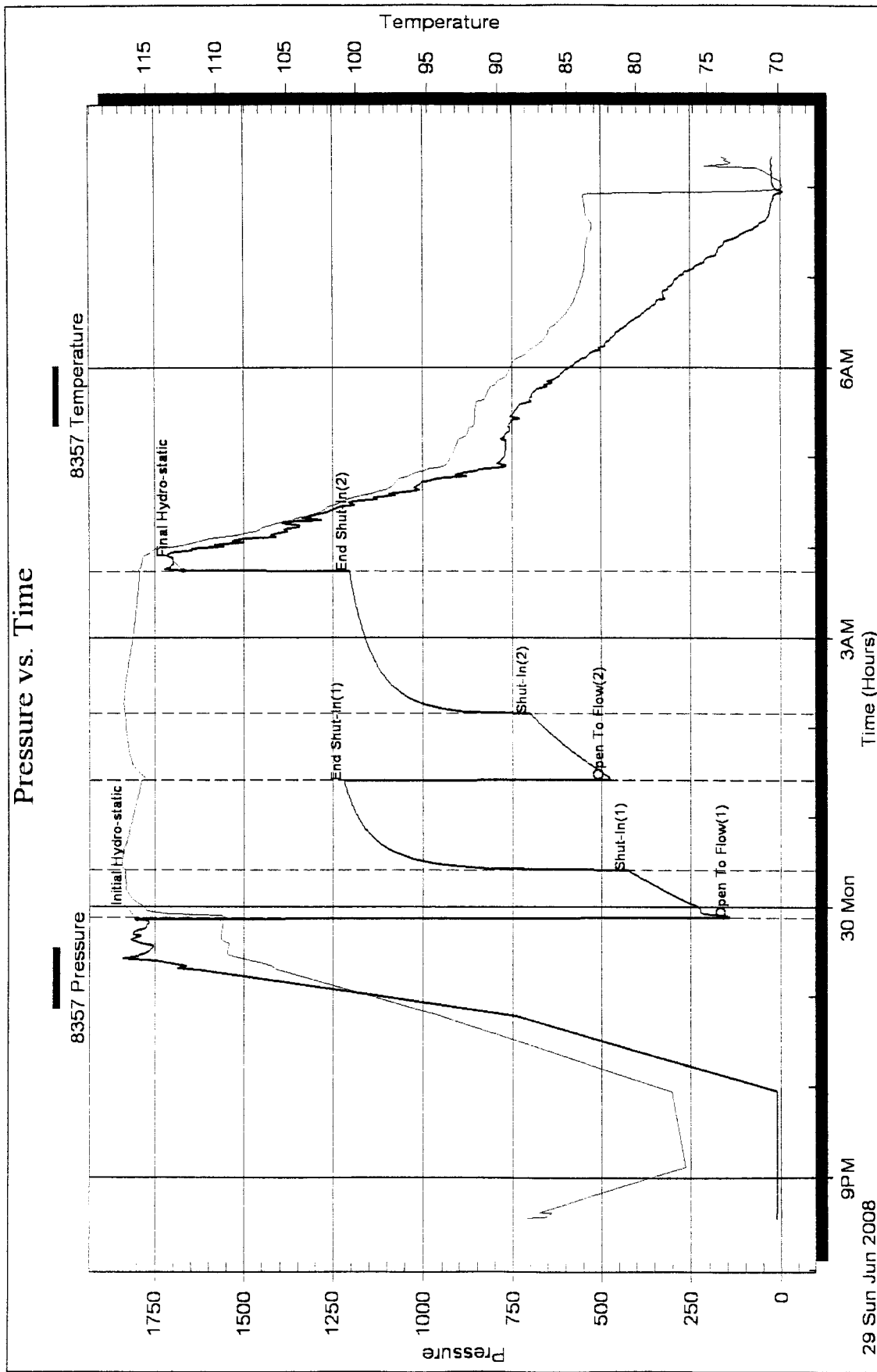
Num Gas Bombs: 0

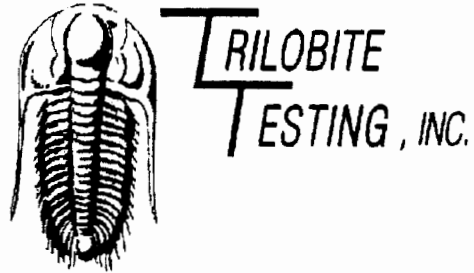
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Ken LeBlanc

24-18s-4w McPherson

Dahlsten #1

Start Date: 2008.06.30 @ 16:59:44

End Date: 2008.07.01 @ 06:13:59

Job Ticket #: 31719 DST #: 3

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 Ste 150
Wichita KS 67206

ATTN: Ken LeBlanc

Dahlsten #1

24-18s-4w McPherson

Job Ticket: 31719

DST#: 3

Test Start: 2008.06.30 @ 16:59:44

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 22:10:44

Time Test Ended: 06:13:59

Interval: **3668.00 ft (KB) To 3675.00 ft (KB) (TVD)**

Total Depth: 3610.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 39

Reference Elevations: 1472.00 ft (KB)

1462.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: **8357**

Inside

Press@RunDepth: 671.80 psig @ 3669.00 ft (KB)

Start Date: 2008.06.30

End Date:

2008.07.01

Start Time: 16:59:49

End Time:

06:13:59

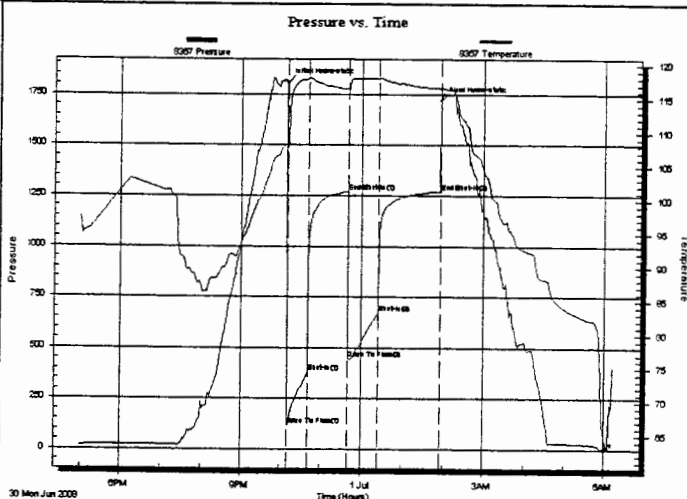
Capacity: 7000.00 psig

Last Calib.: 2008.07.01

Time On Btm: 2008.06.30 @ 22:10:13

Time Off Btm: 2008.07.01 @ 01:55:44

TEST COMMENT: IF: Fair to strong blow . B.O.B. in 4 min.
IS: No blow .
FF: Fair to strong blow . B.O.B. in 5 min.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1806.18	108.38	Initial Hydro-static
1	117.17	107.91	Open To Flow (1)
32	379.17	118.01	Shut-In (1)
91	1270.37	116.51	End Shut-In (1)
91	447.66	116.19	Open To Flow (2)
136	671.80	118.04	Shut-In (2)
226	1271.05	116.65	End Shut-In (2)
226	1718.51	116.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1426.00	SMCW 8%M 92%W	10.55
15.00	Drilling Mud	0.12
0.00	Rw .26 @ 68 deg = 28000 ppm	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 LeBlanc

Dahlsten #1

24-18s-4w McPherson

Job Ticket: 31719

DST#: 3

Test Start: 2008.06.30 @ 16:59:44

Tool Information

Drill Pipe:	Length: 3365.00 ft	Diameter: 2.88 inches	Volume: 27.11 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:	22000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	28.59 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	3668.00 ft			Final	78000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.00 ft				
Tool Length:	35.00 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			3641.00	
Shut In Tool	5.00			3646.00	
Hydraulic tool	5.00			3651.00	
Jars	5.00			3656.00	
Safety Joint	3.00			3659.00	
Packer	4.00			3663.00	28.00 Bottom Of Top Packer
Packer	5.00			3668.00	
Stubb	1.00			3669.00	
Recorder	0.00	8167	Inside	3669.00	
Recorder	0.00	8357	Inside	3669.00	
Perforations	1.00			3670.00	
Bullnose	5.00			3675.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.

Dahlsten #1

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

24-18s-4w McPherson

ATTN: Ken LeBlanc

Job Ticket: 31719

DST#: 3

Test Start: 2008.06.30 @ 16:59:44

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: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1426.00	SMCW 8%M 92%W	10.548
15.00	Drilling Mud	0.121
0.00	Rw .26 @ 68 deg = 28000 ppm	0.000

Total Length: 1441.00 ft

Total Volume: 10.669 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

