

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Doug McGiness

31 15 1 Dickinson KS

KGS DRL

Hahn #5

Start Date: 2007.08.09 @ 04:50:02

End Date: 2007.08.09 @ 13:06:02

Job Ticket #: 28388 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

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Test Start: 2007.08.09 @ 04:50:02

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:20:47

Time Test Ended: 13:06:02

Test Type: Bottom Hole

Tester: Leal Cason

Unit No: 24

Interval: **2555.00 ft (KB) To 2670.00 ft (KB) (TVD)**

Total Depth: 2670.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1382.00 ft (KB)

1374.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6752 **Inside**

Press@RunDepth: 219.15 psig @ 2556.00 ft (KB)

Start Date: 2007.08.09

End Date:

2007.08.09

Start Time: 04:50:07

End Time:

13:06:01

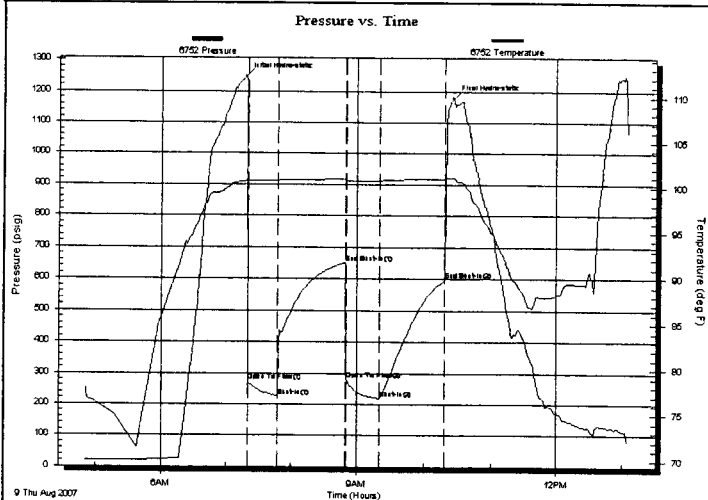
Capacity: 7000.00 psig

Last Calib.: 2007.08.09

Time On Btm: 2007.08.09 @ 07:18:47

Time Off Btm: 2007.08.09 @ 10:25:47

TEST COMMENT: IF Fair Blow 7 inches Died Back To 5 inches
ISI Bled Off No Blow back
FF Weak Blow 1/2 inch
FSI No Blow back



PRESSURE SUMMARY

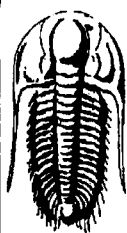
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1246.91	100.87	Initial Hydro-static
2	273.31	100.69	Open To Flow (1)
29	226.17	100.70	Shut-In (1)
90	649.95	100.91	End Shut-In (1)
91	280.24	100.81	Open To Flow (2)
121	219.15	100.77	Shut-In (2)
180	596.64	100.94	End Shut-In (2)
187	1178.48	101.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
184.00	SGCM -1%G +99%M	1.47

Gas Rates

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

CMX Inc

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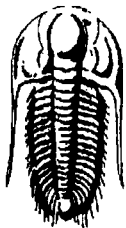
Tool Information

Drill Pipe:	Length: 2431.00 ft	Diameter: 3.80 inches	Volume: 34.10 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	35000.00 lb
		Total Volume:	34.70 bbl	Tool Chased	ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	32000.00 lb
Depth to Top Packer:	2555.00 ft			Final	32000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	115.00 ft				
Tool Length:	144.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			2527.00	
Change Over Sub	1.00			2528.00	
Shut In Tool	5.00			2533.00	
Hydraulic tool	5.00			2538.00	
Jars	5.00			2543.00	
Safety Joint	3.00			2546.00	
Packer	5.00			2551.00	29.00 Bottom Of Top Packer
Packer	4.00			2555.00	
Stubb	1.00			2556.00	
Recorder	0.00	6752	Inside	2556.00	
Perforations	15.00			2571.00	
Drill Pipe	90.00			2661.00	
Perforations	6.00			2667.00	
Recorder	0.00	6704	Outside	2667.00	
Bullnose	3.00			2670.00	115.00 Bottom Packers & Anchor

Total Tool Length: 144.00



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FLUID SUMMARY

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Test Start: 2007.08.09 @ 04:50:02

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: 42.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
184.00	SGCM - 1%G +99%M	1.470

Total Length: 184.00 ft

Total Volume: 1.470 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

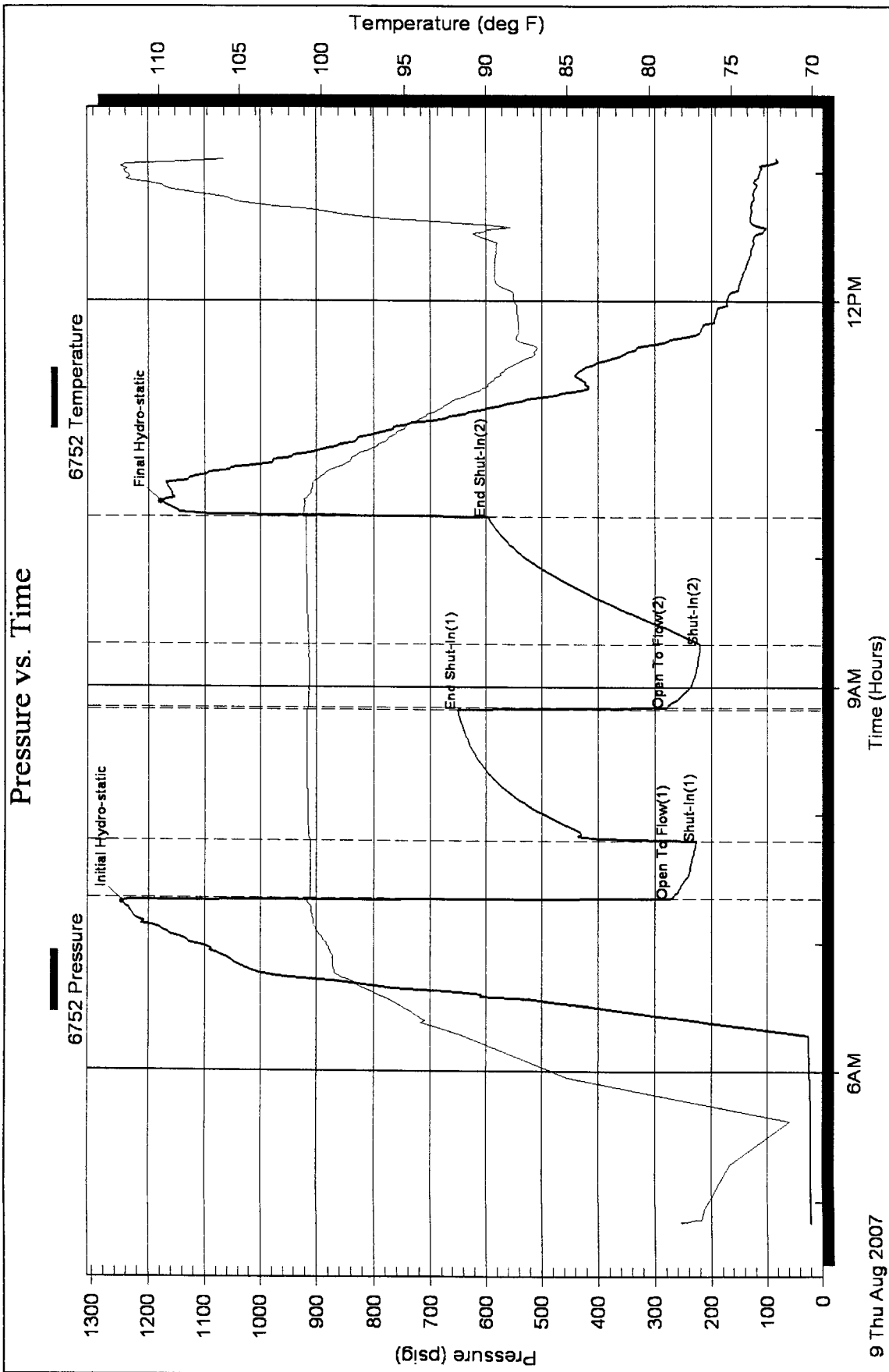
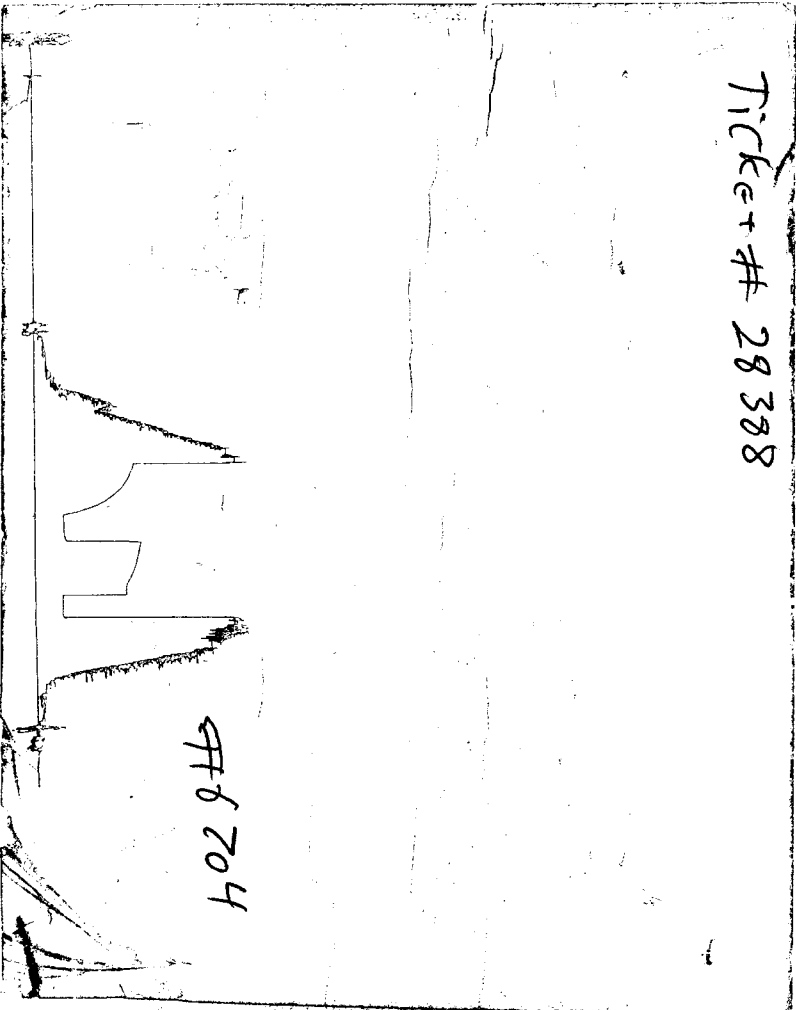


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

Ticket # 28388



CONX
Hahn #5
DST 1