



DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1551 N Waterfront Pkwy Ste 150
Wichita KS 67206

ATTN: Douglas H McGinness

22 15S 21W Trego KS

For A Few Dollars More

Start Date: 2007.02.26 @ 12:58:12

End Date: 2007.02.26 @ 18:14:12

Job Ticket #: 27536 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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TESTING, INC.

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Job Ticket: 27536

DST#: 1

Test Start: 2007.02.26 @ 12:58:12

GENERAL INFORMATION:

Formation: **Pwn.Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:15:42

Time Test Ended: 18:14:12

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **4080.00 ft (KB) To 4118.00 ft (KB) (TVD)**

Total Depth: 4118.00 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 #: 6669

Inside

Press@RunDepth: 105.00 psig @ 4082.00 ft (KB)

Start Date: 2007.02.26

End Date:

2007.02.26

Start Time: 12:58:17

End Time:

18:14:11

Capacity: 7000.00 psig

Last Calib.: 2007.02.26

Time On Btm: 2007.02.26 @ 14:15:12

Time Off Btm: 2007.02.26 @ 16:15:12

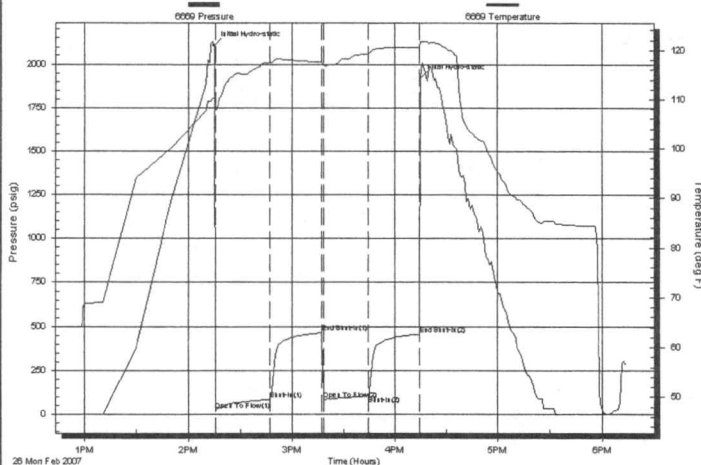
TEST COMMENT: IF Weak to Good built 10 "

ISI Weak Surface

FF Weak to good built 11"

FSI Weak surface

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.04	110.25	Initial Hydro-static
1	22.22	107.83	Open To Flow (1)
32	83.43	117.39	Shut-In (1)
62	464.94	117.69	End Shut-In (1)
63	83.39	116.81	Open To Flow (2)
90	105.00	119.24	Shut-In (2)
120	455.80	120.54	End Shut-In (2)
120	1922.53	121.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	GMC Oil 5%G 30%M 65%O	2.30
0.00	250 GIP	0.00

Gas Rates

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

CMX Inc

1551 N Waterfront Pkwy Ste 150
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Job Ticket: 27536

DST#: 1

Test Start: 2007.02.26 @ 12:58:12

Tool Information

Drill Pipe:	Length: 3940.00 ft	Diameter: 3.80 inches	Volume: 55.27 bbl	Tool Weight:	2600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose:	60000.00 lb
			Total Volume: 55.85 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	4080.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	66.00 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			4053.00	
Shut In Tool	5.00			4058.00	
Hydraulic tool	5.00			4063.00	
Jars	5.00			4068.00	
Safety Joint	3.00			4071.00	
Packer	4.00			4075.00	28.00 Bottom Of Top Packer
Packer	5.00			4080.00	
Stubb	1.00			4081.00	
Perforations	1.00			4082.00	
Recorder	0.00	6669	Inside	4082.00	
Blank Spacing	28.00			4110.00	
Recorder	0.00	11084	Outside	4110.00	
Perforations	5.00			4115.00	
Bullnose	3.00			4118.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



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FLUID SUMMARY

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Job Ticket: 27536

DST#: 1

Test Start: 2007.02.26 @ 12:58:12

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: 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
240.00	GMC Oil 5%G 30%M 65%O	2.301
0.00	250 GIP	0.000

Total Length: 240.00 ft

Total Volume: 2.301 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

22 15S21W Trego KS

CMX Inc

Inside

Serial #: 6669

Pressure vs. Time

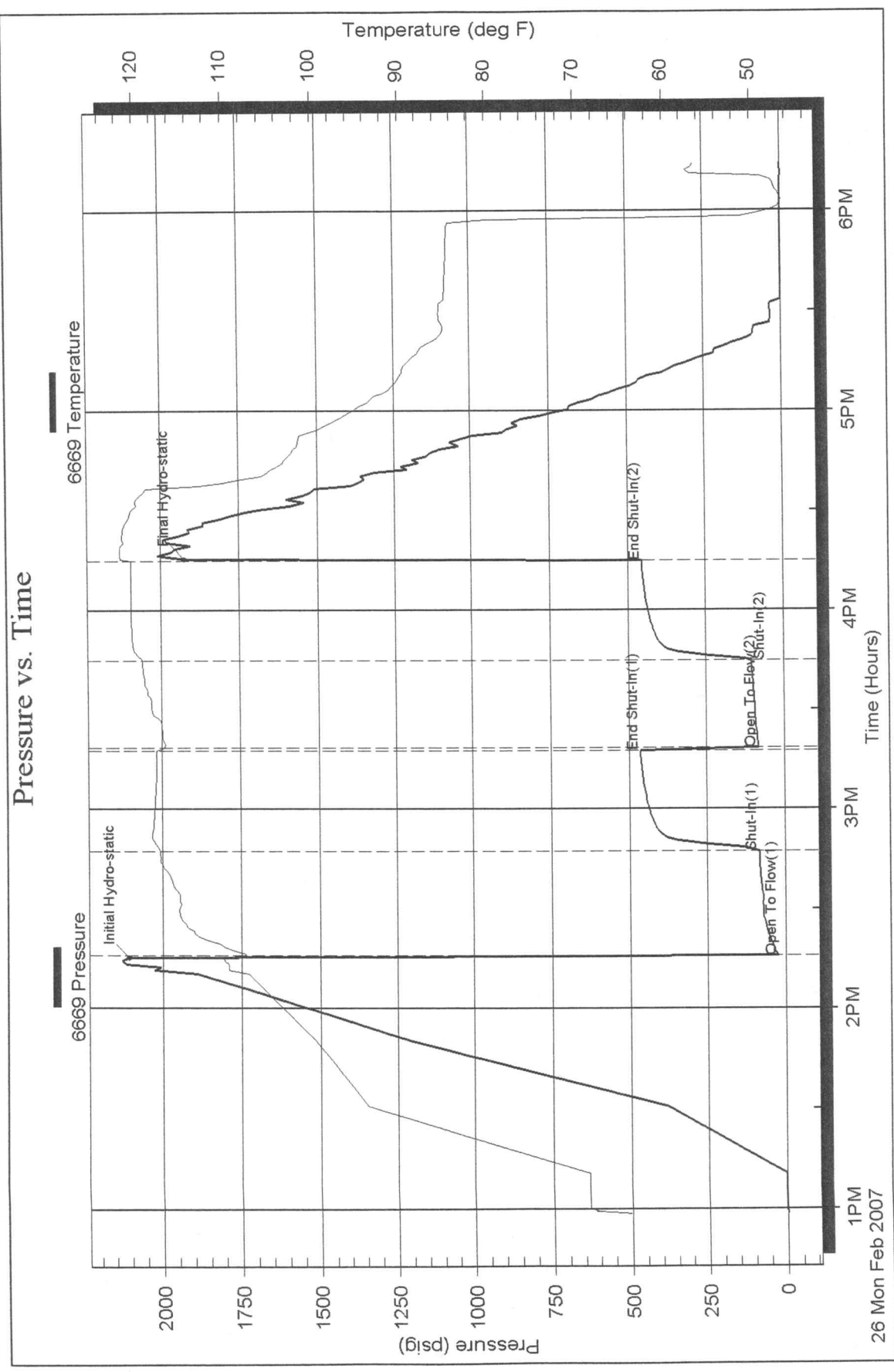


CHART PAGE

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

