

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX, Inc.**

1551 N. Waterfront Parkway
Ste. 150
Wichita, KS 67206

ATTN: Doug McGinness

1-35s-15w

Davis Ranch B #2

Start Date: 2005.11.17 @ 18:31:26

End Date: 2005.11.18 @ 05:05:41

Job Ticket #: 21436 DST #: 1

CONFIDENTIAL

FEB 09 2006

KCC

API:
15-007-22925

RECEIVED

FEB 10 2006

KCC WICHITA

Trilobite Testing, Inc

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TESTING, INC.**

DRILL STEM TEST REPORT

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1551 N. Waterfront Parkway
Ste. 150
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ATTN: Doug McGinness

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1-35s-15w

Job Ticket: 21436

DST#: 1

Test Start: 2005.11.17 @ 18:31:26

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:12:56

Time Test Ended: 05:05:41

Test Type: Conventional Bottom Hole

Tester: Davy Cline

Unit No: 24

Interval: 5400.00 ft (KB) To 5450.00 ft (KB) (TVD)

Total Depth: 5450.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1523.00 ft (KB)

1512.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6753

Inside

Press@RunDepth: 723.65 psig @ 5403.00 ft (KB)

Start Date: 2005.11.17

End Date:

2005.11.18

Capacity: 7000.00 psig

Last Calib.: 2005.11.18

Start Time: 18:31:27

End Time:

05:05:41

Time On Btm: 2005.11.17 @ 21:10:41

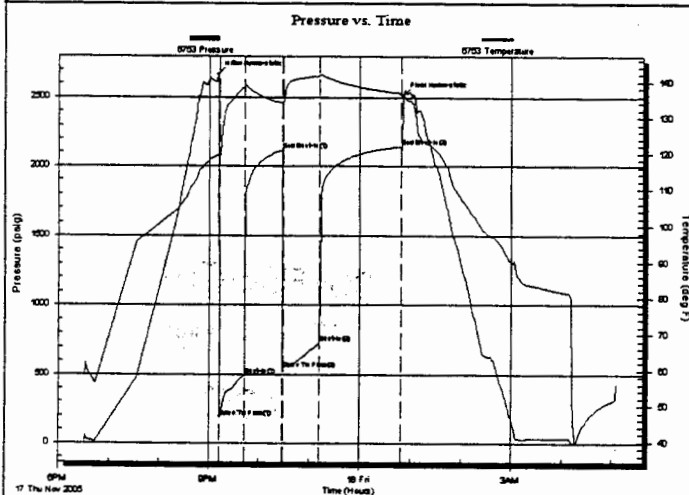
Time Off Btm: 2005.11.18 @ 00:51:11

TEST COMMENT: IF: Fair to strong blow. Slow increasing blow to BOB in 7 min.

IS: Bled off. No blow back.

FF: Fair to strong blow. Slow increasing blow to BOB in 10 min.

FSI: Bled off. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2665.07	119.51	Initial Hydro-static
3	185.78	119.04	Open To Flow (1)
32	491.34	138.49	Shut-In(1)
78	2115.10	134.21	End Shut-In(1)
78	539.38	133.77	Open To Flow (2)
123	723.65	141.64	Shut-In(2)
219	2141.86	136.77	End Shut-In(2)
221	2510.94	136.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	SI GOMM 2%g 48%w 50%w	0.98
200.00	SI GOMM 2%g 83%w 15%w	0.98
875.00	Salt Water 100%w	8.80

Gas Rates

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

CMX, Inc.

Davis Ranch B #2

1551 N. Waterfront Parkway

1-35s-15w

Ste. 150

Job Ticket: 21436

DST#: 1

Wichita, KS 67206

Test Start: 2005.11.17 @ 18:31:26

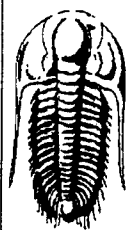
ATTN: Doug McGinness

Tool Information

Drill Pipe:	Length: 4959.00 ft	Diameter: 3.25 inches	Volume: 50.88 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: 20000.00 lb
Drill Collar:	Length: 433.00 ft	Diameter: 2.25 inches	Volume: 2.13 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 53.01 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	5400.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 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			5373.00	
Shut In Tool	5.00			5378.00	
Hydraulic tool	5.00			5383.00	
Jars	5.00			5388.00	
Safety Joint	2.00			5390.00	
Packer	5.00			5395.00	28.00 Bottom Of Top Packer
Packer	5.00			5400.00	
Stubb	1.00			5401.00	
Perforations	2.00			5403.00	
Recorder	0.00	6753	Inside	5403.00	
Change Over Sub	1.00			5404.00	
Blank Spacing	31.00			5435.00	
Change Over Sub	1.00			5436.00	
Perforations	11.00			5447.00	
Recorder	0.00	13400	Outside	5447.00	
Bullnose	3.00			5450.00	50.00 Bottom Packers & Anchor
Total Tool Length:		78.00			



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FLUID SUMMARY

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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: 118000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	SI GCMW 2%g 48%w 50%m	0.984
200.00	SI GCMW 2%g 83%w 15%m	0.984
875.00	Salt Water 100%w	8.802

Total Length: 1275.00 ft Total Volume: 10.770 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Recovery- .20 ohms @ 34 deg.

Pressure vs. Time

