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KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp**

ORIGINAL 500 N Main Suite 505
Wichita Ks 67202

CONFIDENTIAL KCC
ATTN: Dave Calloway JUN 18 2002

32-14s-9w Ellsworth
CONFIDENTIAL

Zeman Trust #1-32

Start Date: 2003.05.22 @ 12:16:06

End Date: 2003.05.22 @ 17:11:05

Job Ticket #: 17159 DST #: 1

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

Eagle Creek Corp

Zeman Trust #1-32

32-14s-9w Ellsworth

DST # 1

2003.05.22

CONFIDENTIAL

161636
ORIGINAL
TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Eagle Creek Corp

Zeman Trust #1-32

150N Main Suite 505
Wichita Ks 67202

32-14s-9w Ellsworth

Job Ticket: 17159

DST#: 1

ATTN: Dave Callewart

Test Start: 2003.05.22 @ 12:16:06

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:53:35

Time Test Ended: 17:11:05

Interval: 1936.00 ft (KB) To 2040.00 ft (KB) (TVD)

Total Depth: 2040.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

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Test Type: Conventional Bottom Hole

Tester: Ray Schwager & Jason

Unit No: 16

Reference Elevations: 1658.00 ft (KB)

1649.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6668

Inside

Press@RunDepth: 21.95 psig @ 1949.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2003.05.22

End Date:

2003.05.22

Last Calib.: 2003.05.22

Start Time: 12:16:06

End Time:

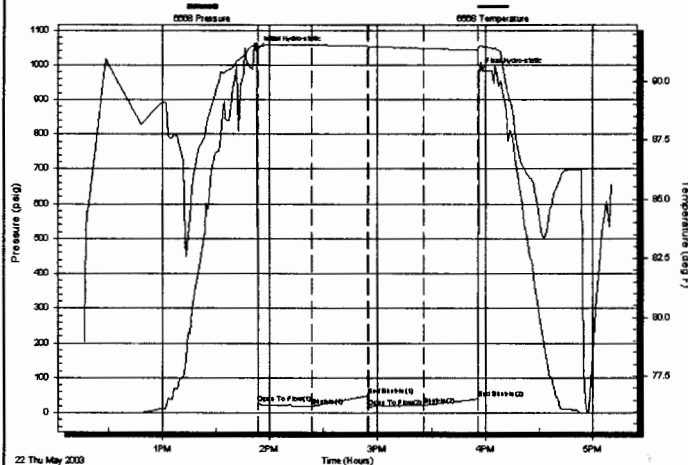
17:11:05

Time On Btm: 2003.05.22 @ 13:53:05

Time Off Btm: 2003.05.22 @ 15:56:35

TEST COMMENT: IFP- weak blow thru-out 1/4" to surface blow
 FFP-surface blow died in 10 min
 Times 30-30-30-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1042.52	91.63	Initial Hydro-static
1	28.68	91.47	Open To Flow (1)
31	20.15	91.53	Shut-In(1)
62	49.07	91.48	End Shut-In(1)
62	17.75	91.47	Open To Flow (2)
93	21.95	91.39	Shut-In(2)
123	40.34	91.31	End Shut-In(2)
124	979.70	91.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp

Zeman Trust #1-32

150N Main Suite 505
Wichita Ks 67202

32-14s-9w Ellsworth

Job Ticket: 17159

DST#: 1

ATTN: Dave Callewart

Test Start: 2003.05.22 @ 12:16:06

Tool Information

Drill Pipe:	Length: 1751.00 ft	Diameter: 3.80 inches	Volume: 24.56 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	45000.00 lb
		Total Volume:	25.45 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	1936.00 ft			Final	42000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	104.02 ft				
Tool Length:	125.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			1916.00	
Shut In Tool	5.00			1921.00	
Hydraulic tool	5.00			1926.00	
Packer	5.00			1931.00	21.00 Bottom Of Top Packer
Packer	5.00			1936.00	
Stubb	1.00			1937.00	
Perforations	11.00			1948.00	
Change Over Sub	1.00			1949.00	
Recorder	0.01	6668	Inside	1949.01	
Blank Spacing	62.00			2011.01	
Change Over Sub	1.00			2012.01	
Recorder	0.01	11085	Outside	2012.02	
Perforations	25.00			2037.02	
Bullnose	3.00			2040.02	104.02 Bottom Packers & Anchor

Total Tool Length: 125.02

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FLUID SUMMARY

Eagle Creek Corp

Zeman Trust #1-32

150N Main Suite 505
Wichita Ks 67202

32-14s-9w Ellsworth

Job Ticket: 17159

DST#: 1

ATTN: Dave Callew eart

Test Start: 2003.05.22 @ 12:16:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 32000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

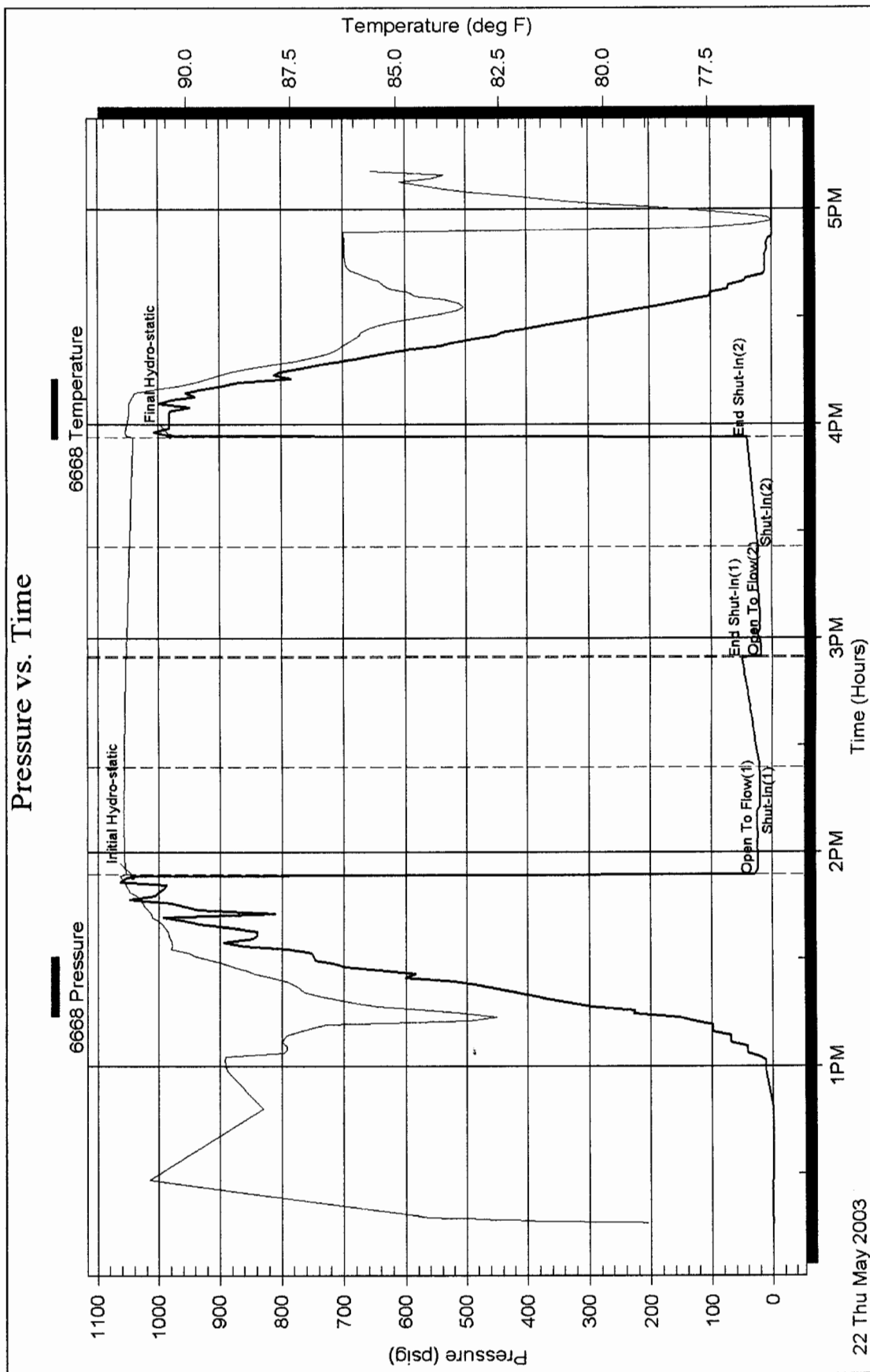
32-14s-9w Elsworth

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Inside

Serial #: 6668

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 17159

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