

**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callewaert

**23 26 15 Pratt KS**

**Curtis # 1-23**

Start Date: 2006.12.04 @ 01:48:21

End Date: 2006.12.04 @ 10:38:21

Job Ticket #: 25928                      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

Eagle Creek Corporation

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callew aert

**Curtis # 1-23**

**23 26 15 Pratt KS**

Job Ticket: 25928

**DST#: 1**

Test Start: 2006.12.04 @ 01:48:21

## GENERAL INFORMATION:

Formation: **A-B LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:19:51

Time Test Ended: 10:38:21

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3904.00 ft (KB) To 3930.00 ft (KB) (TVD)**

Total Depth: 3930.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2070.00 ft (KB)

2062.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6741**

**Inside**

Press@RunDepth: 74.52 psig @ 3905.00 ft (KB)

Start Date: 2006.12.04

End Date:

2006.12.04

Capacity: 7000.00 psig

Last Calib.: 2006.12.04

Start Time: 01:48:23

End Time:

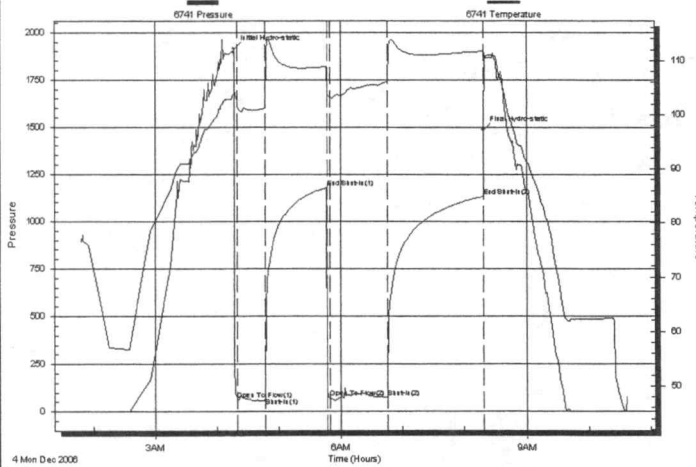
10:38:21

Time On Btm: 2006.12.04 @ 04:16:31

Time Off Btm: 2006.12.04 @ 08:18:21

**TEST COMMENT:** IF Strong B-B in 15 sec GTS in 3 min  
Gauged  
FF Strong B-B as soon as tool opened  
Gas sample taken

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1912.43	103.69	Initial Hydro-static
4	64.48	102.19	Open To Flow (1)
31	70.35	101.23	Shut-In(1)
90	1177.82	108.92	End Shut-In(1)
94	69.93	103.30	Open To Flow (2)
150	74.52	106.06	Shut-In(2)
242	1132.91	111.74	End Shut-In(2)
242	1483.95	111.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mdy Oil 80%O 20%M	2.10

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	8.00	349.89
Last Gas Rate	0.75	16.00	476.41
Max. Gas Rate	0.75	22.00	570.13



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25928

**DST#: 1**

ATTN: Dave Callew aert

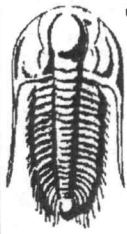
Test Start: 2006.12.04 @ 01:48:21

### Tool Information

Drill Pipe:	Length: 3908.00 ft	Diameter: 3.80 inches	Volume: 54.82 bbl	Tool Weight:	2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 54.82 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3904.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	47.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3884.00	
Shut In Tool	5.00			3889.00	
Hydraulic tool	5.00			3894.00	
Packer	5.00			3899.00	21.00 Bottom Of Top Packer
Packer	5.00			3904.00	
Stubb	1.00			3905.00	
Recorder	0.00	6741	Inside	3905.00	
Perforations	22.00			3927.00	
Recorder	0.00	13254	Outside	3927.00	
Bullnose	3.00			3930.00	26.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>47.00</b>				



**TRILOBITE**  
**TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25928

**DST#: 1**

ATTN: Dave Callew aert

Test Start: 2006.12.04 @ 01:48:21

## 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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
150.00	Mdy Oil 80%O 20%M	2.104

Total Length: 150.00 ft      Total Volume: 2.104 bbf

Num Fluid Samples: 0

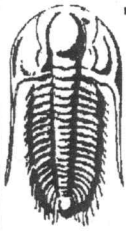
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25928

**DST#: 1**

ATTN: Dave Callew aert

Test Start: 2006.12.04 @ 01:48:21

## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	5	0.75	8.00	349.89
1	5	0.75	8.00	351.45
1	10	0.75	8.00	351.45
1	15	0.75	8.00	351.45
1	20	0.75	7.00	335.83
1	25	0.75	7.00	335.83
1	30	0.75	6.00	320.21
2	5	0.75	20.00	538.89
2	10	0.75	20.00	538.89
2	15	0.75	22.00	570.13
2	20	0.75	22.00	570.13
2	25	0.75	20.00	538.89
2	30	0.75	20.00	538.89
2	35	0.75	18.00	507.65
2	40	0.75	16.00	476.41
2	45	0.75	16.00	476.41
2	50	0.75	16.00	476.41
2	55	0.75	16.00	476.41

Serial #: 6741

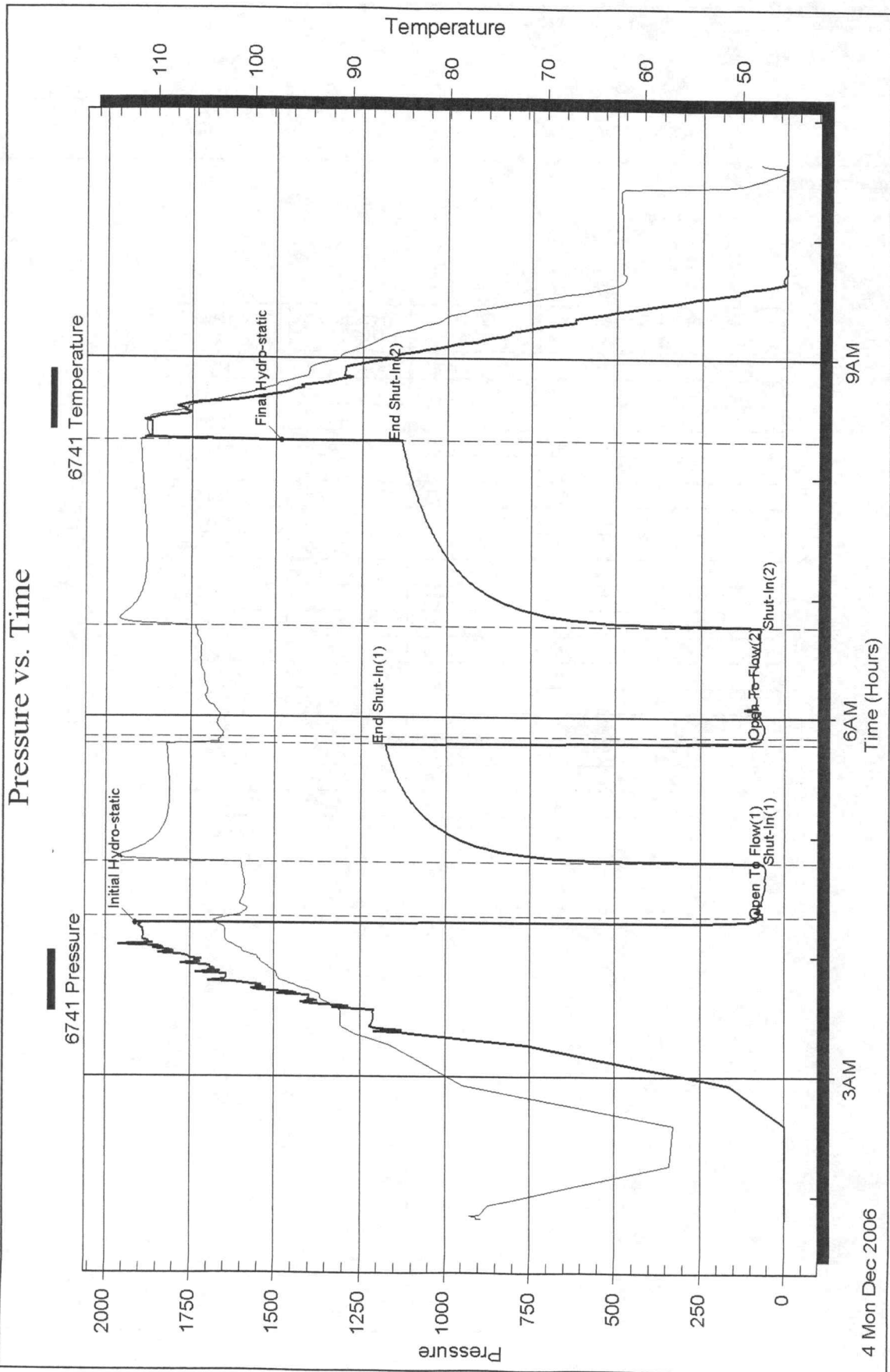
Inside

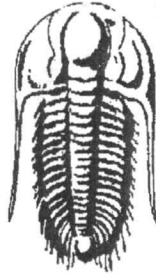
Eagle Creek Corporation

23 26 15 Pratt KS

DST Test Number: 1

### Pressure vs. Time





**TRILOBITE  
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## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callewaert

**23 26 15 Pratt KS**

**Curtis # 1-23**

Start Date: 2006.12.05 @ 02:20:18

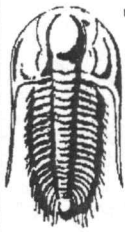
End Date: 2006.12.05 @ 10:02:18

Job Ticket #: 25473                      DST #: 2

Trilobite Testing, Inc

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# DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callew aert

**Curtis # 1-23**

**23 26 15 Pratt KS**

Job Ticket: 25473

DST#: 2

Test Start: 2006.12.05 @ 02:20:18

## GENERAL INFORMATION:

Formation: **Lansing H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:26:48

Time Test Ended: 10:02:18

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

Interval: **4030.00 ft (KB) To 4055.00 ft (KB) (TVD)**

Total Depth: 4055.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2062.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 116.14 psig @ 4031.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.12.05

End Date:

2006.12.05

Last Calib.: 2006.12.05

Start Time: 02:20:23

End Time:

10:02:17

Time On Btm: 2006.12.05 @ 04:23:48

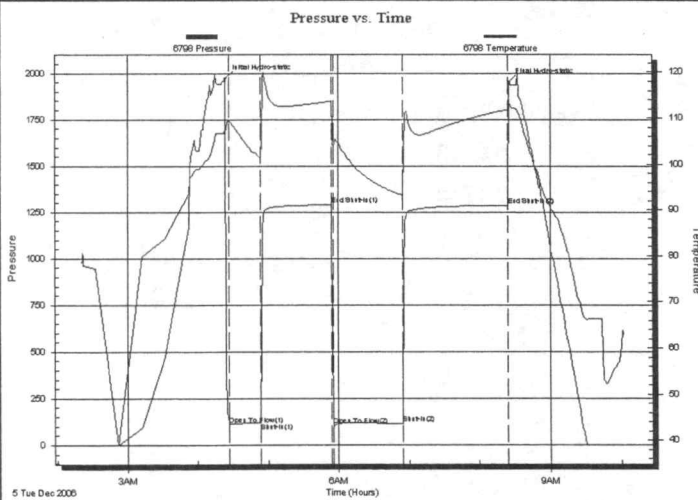
Time Off Btm: 2006.12.05 @ 08:25:18

TEST COMMENT: IF Very strong blow BOB immediately GTS in 2 1/2 mins. (see gas flow report)

ISI No blow

FF Strong blow BOB in 5 secs.

FSI No blow



## PRESSURE SUMMARY

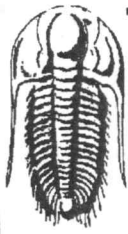
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1970.80	107.66	Initial Hydro-static
3	109.94	109.23	Open To Flow (1)
30	118.47	101.18	Shut-In(1)
90	1290.48	113.65	End Shut-In(1)
92	103.54	103.73	Open To Flow (2)
151	116.14	93.13	Shut-In(2)
241	1287.77	111.78	End Shut-In(2)
242	1950.43	113.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	SGCM 2%G 98%M	0.70
0.00	3985' GIP	0.00
0.00		0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	20.00	538.89
Last Gas Rate	0.75	22.00	570.13
Max. Gas Rate	0.75	22.00	570.13



**TRILOBITE  
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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25473

**DST#: 2**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 02:20:18

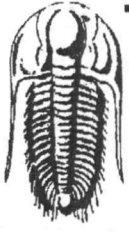
### Tool Information

Drill Pipe:	Length: 4035.00 ft	Diameter: 3.80 inches	Volume: 56.60 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4030.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4015.00	
Hydraulic tool	5.00			4020.00	
Packer	5.00			4025.00	20.00 Bottom Of Top Packer
Packer	5.00			4030.00	
Stubb	1.00			4031.00	
Recorder	0.00	6798	Inside	4031.00	
Perforations	21.00			4052.00	
Recorder	0.00	13249	Outside	4052.00	
Bullnose	3.00			4055.00	25.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>45.00</b>				



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**FLUID SUMMARY**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25473

**DST#: 2**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 02:20:18

## 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: 9.16 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	SGCM 2%G 98%M	0.701
0.00	3985' GIP	0.000
0.00		0.000

Total Length: 50.00 ft

Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25473

**DST#: 2**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 02:20:18

### Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.75	20.00	538.89
1	10	0.75	20.00	538.89
1	20	0.75	22.00	570.13
1	30	0.75	22.00	570.13
2	10	0.75	20.00	538.89
2	20	0.75	22.00	570.13
2	30	0.75	22.00	570.13
2	40	0.75	22.00	570.13
2	50	0.75	22.00	570.13
2	60	0.75	22.00	570.13

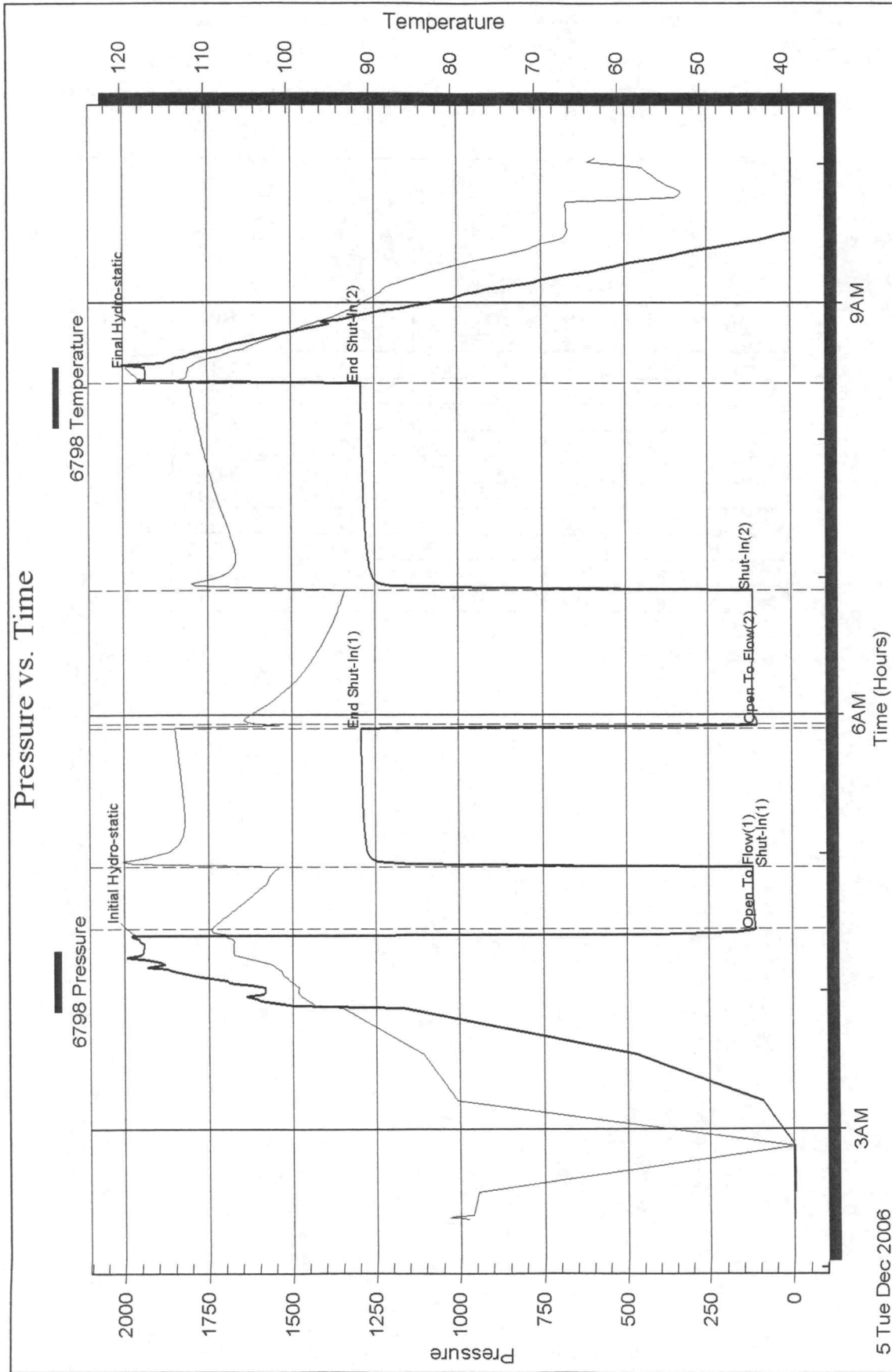
Serial #: 6798

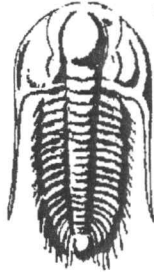
Inside

Eagle Creek Corporation

23 26 15 Pratt KS

DST Test Number: 2





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callewaert

**23 26 15 Pratt KS**

**Curtis # 1-23**

Start Date: 2006.12.05 @ 19:13:32

End Date: 2006.12.06 @ 03:51:02

Job Ticket #: 25474                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callew aert

**Curtis # 1-23**

**23 26 15 Pratt KS**

Job Ticket: 25474

**DST#: 3**

Test Start: 2006.12.05 @ 19:13:32

## GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:22:02

Time Test Ended: 03:51:02

Test Type: Conventional Straddle

Tester: Gerald Adams

Unit No: 36

Interval: **4057.00 ft (KB) To 4094.00 ft (KB) (TVD)**

Total Depth: 4110.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2062.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 167.84 psig @ 4068.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.12.05

End Date:

2006.12.06

Last Calib.: 2006.12.06

Start Time: 19:13:37

End Time:

03:51:02

Time On Btm: 2006.12.05 @ 21:19:02

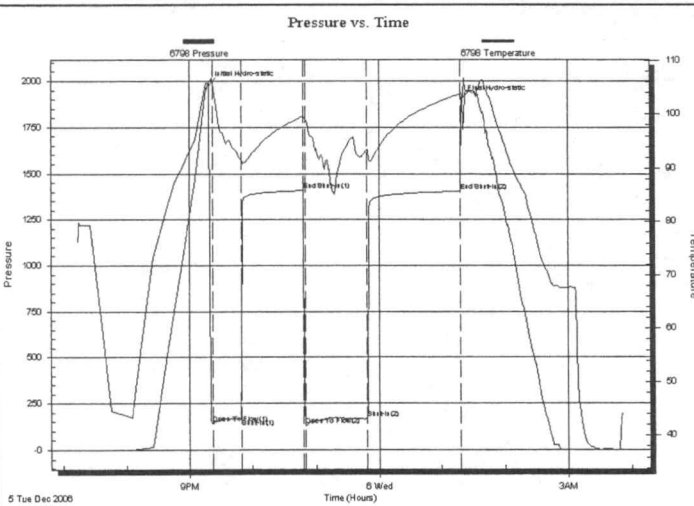
Time Off Btm: 2006.12.06 @ 01:19:01

TEST COMMENT: IF Very strong blow BOB immediately GTS in 2 1/2 mins. (see gas flow report)

ISI Weak blow Built to 3/4 "

FF Very strong blow BOB immediately

FSI Weak surface blow



## PRESSURE SUMMARY

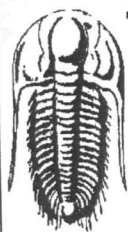
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.99	105.95	Initial Hydro-static
3	139.34	105.88	Open To Flow (1)
31	168.90	91.59	Shut-In(1)
90	1407.44	99.67	End Shut-In(1)
92	130.21	99.12	Open To Flow (2)
150	167.84	93.34	Shut-In(2)
240	1403.15	103.86	End Shut-In(2)
240	1902.50	104.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	SG&OCM 10%G 5%O 85%M	0.91
0.00	4001' GIP	0.00
0.00		0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	36.00	788.80
Last Gas Rate			
Max. Gas Rate	0.75	42.00	882.52



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25474

**DST#: 3**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 19:13:32

### Tool Information

Drill Pipe:	Length: 4066.00 ft	Diameter: 3.80 inches	Volume: 57.04 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 57.04 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	4057.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	4094.00 ft				
Interval between Packers:	37.00 ft				
Tool Length:	73.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4042.00		
Hydraulic tool	5.00			4047.00		
Packer	5.00			4052.00	20.00	Bottom Of Top Packer
Packer	5.00			4057.00		
Stubb	1.00			4058.00		
Perforations	10.00			4068.00		
Recorder	0.00	6798	Inside	4068.00		
Perforations	25.00			4093.00		
Recorder	0.00	13400	Outside	4093.00		
Blank Off Sub	1.00			4094.00	37.00	Tool Interval
Packer	5.00			4099.00		
Stubb	1.00			4100.00		
Perforations	7.00			4107.00		
Recorder	0.00	13249	Below	4107.00		
Bullnose	3.00			4110.00	16.00	Bottom Packers & Anchor

**Total Tool Length: 73.00**



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25474

**DST#: 3**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 19:13:32

## 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: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.37 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 0.02 inches			

## Recovery Information

Recovery Table

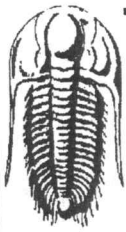
Length ft	Description	Volume bbl
65.00	SG&OCM 10%G 5%O 85%M	0.912
0.00	4001' GIP	0.000
0.00		0.000

Total Length: 65.00 ft      Total Volume: 0.912 bbl

Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #: GA-4

Laboratory Name: Caraw ay      Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25474

**DST#: 3**

ATTN: Dave Callew aert

Test Start: 2006.12.05 @ 19:13:32

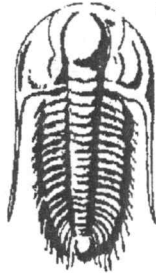
## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.75	36.00	788.80
1	20	0.75	40.00	851.28
1	30	0.75	40.00	851.28
2	10	0.75	40.00	851.28
2	20	0.75	42.00	882.52
2	30	0.75	42.00	882.52
2	40	0.75	41.00	866.90
2	50	0.75	41.00	866.90
2	60	0.75	40.00	851.28
0	-	-999999.00	-999999.00	-999999.00





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callewaert

**23 26 15 Pratt KS**

**Curtis # 1-23**

Start Date: 2006.12.06 @ 11:47:50

End Date: 2006.12.06 @ 19:37:20

Job Ticket #: 25475                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Eagle Creek Corporation  
Curtis # 1-23  
23 26 15 Pratt KS  
DST # 4  
Lansing " K "  
2006.12.06



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callew aert

**Curtis # 1-23**

**23 26 15 Pratt KS**

Job Ticket: 25475

**DST#: 4**

Test Start: 2006.12.06 @ 11:47:50

## GENERAL INFORMATION:

Formation: **Lansing " K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:12:20

Time Test Ended: 19:37:20

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

Interval: **4122.00 ft (KB) To 4140.00 ft (KB) (TVD)**

Total Depth: 4140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2062.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 313.24 psig @ 4123.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.12.06

End Date: 2006.12.06

Last Calib.: 2006.12.06

Start Time: 11:47:55

End Time: 19:37:19

Time On Btm: 2006.12.06 @ 13:10:20

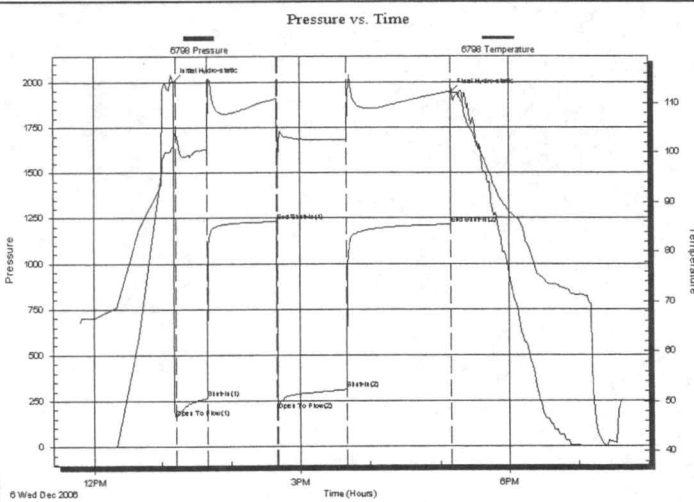
Time Off Btm: 2006.12.06 @ 17:09:19

TEST COMMENT: IF Strong blow BOB in 10 secs. GTS in 3 mins. (see gas flow report)

ISI Weak blow built to 1 1/4 "

FF Strong blow BOB in 5 secs.

FSI Weak blow Built to 1 1/4 "



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2003.78	101.13	Initial Hydro-static
2	159.00	103.74	Open To Flow (1)
30	264.23	100.82	Shut-In(1)
90	1230.23	110.93	End Shut-In(1)
91	199.41	98.59	Open To Flow(2)
150	313.24	102.57	Shut-In(2)
239	1212.91	112.32	End Shut-In(2)
239	1939.43	113.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
94.00	SGCM 4%G 96%M	1.32
186.00	SG&MCW 2%G 80%W 18%M	2.61
0.00	3849' GIP	0.00
0.00	RW= .070 @ 55 deg. 160000 ppm	0.00
0.00		0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	45.00	929.38
Last Gas Rate	0.75	60.00	1163.68
Max. Gas Rate	0.75	60.00	1163.68



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25475

**DST#: 4**

ATTN: Dave Callew aert

Test Start: 2006.12.06 @ 11:47:50

**Tool Information**

Drill Pipe:	Length: 4129.00 ft	Diameter: 3.80 inches	Volume: 57.92 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 57.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4122.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4107.00	
Hydraulic tool	5.00			4112.00	
Packer	5.00			4117.00	20.00 Bottom Of Top Packer
Packer	5.00			4122.00	
Stubb	1.00			4123.00	
Recorder	0.00	6798	Inside	4123.00	
Perforations	14.00			4137.00	
Recorder	0.00	13249	Outside	4137.00	
Bullnose	3.00			4140.00	18.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>38.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25475

**DST#: 4**

ATTN: Dave Callew aert

Test Start: 2006.12.06 @ 11:47:50

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 40.00 sec/qt  
Water Loss: 10.77 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 8000.00 ppm  
Filter Cake: 0.02 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
94.00	SGCM 4%G 96%M	1.319
186.00	SG&MCW 2%G 80%W 18%M	2.609
0.00	3849' GIP	0.000
0.00	RW= .070 @ 55 deg. 160000 ppm	0.000
0.00		0.000

Total Length: 280.00 ft      Total Volume: 3.928 bbl

Num Fluid Samples: 0      Num Gas Bombs: 1      Serial #: GA-5

Laboratory Name: Caraway      Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25475

**DST#: 4**

ATTN: Dave Callew aert

Test Start: 2006.12.06 @ 11:47:50

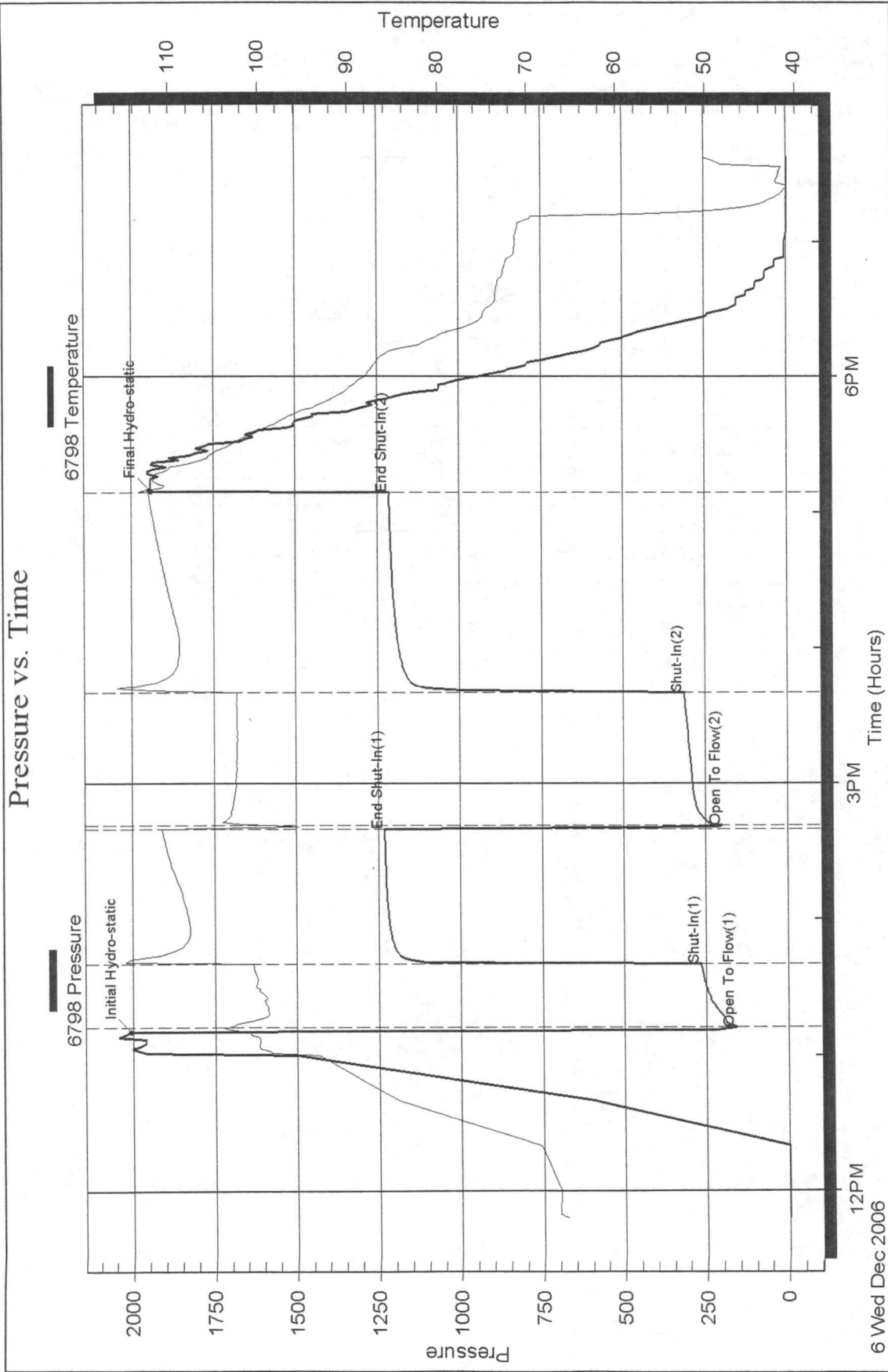
## Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

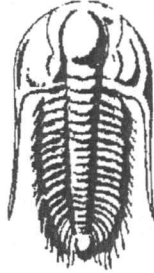
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.75	45.00	929.38
1	20	0.75	54.00	1069.96
1	30	0.75	57.00	1116.82
2	10	0.75	56.00	1101.20
2	20	0.75	60.00	1163.68
2	30	0.75	60.00	1163.68
2	40	0.75	60.00	1163.68
2	50	0.75	60.00	1163.68
0	60	0.75	60.00	1163.68

### Pressure vs. Time



6 Wed Dec 2006



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corporation**

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callewaert

**23 26 15 Pratt KS**

**Curtis # 1-23**

Start Date: 2006.12.07 @ 18:36:17

End Date: 2006.12.08 @ 02:48:17

Job Ticket #: 25826                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Eagle Creek Corporation

150 N Main Ste 905  
Wichita KS 67202

ATTN: Dave Callew aert

**Curtis # 1-23**

**23 26 15 Pratt KS**

Job Ticket: 25826

**DST#: 5**

Test Start: 2006.12.07 @ 18:36:17

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:47:47

Time Test Ended: 02:48:17

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

**Interval: 4361.00 ft (KB) To 4386.00 ft (KB) (TVD)**

Total Depth: 4386.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2070.00 ft (KB)

2062.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 14.35 psig @ 4362.00 ft (KB)

Start Date: 2006.12.07

End Date: 2006.12.08

Capacity: 7000.00 psig

Last Calib.: 2006.12.08

Start Time: 18:36:22

End Time: 02:48:16

Time On Btm: 2006.12.07 @ 20:46:47

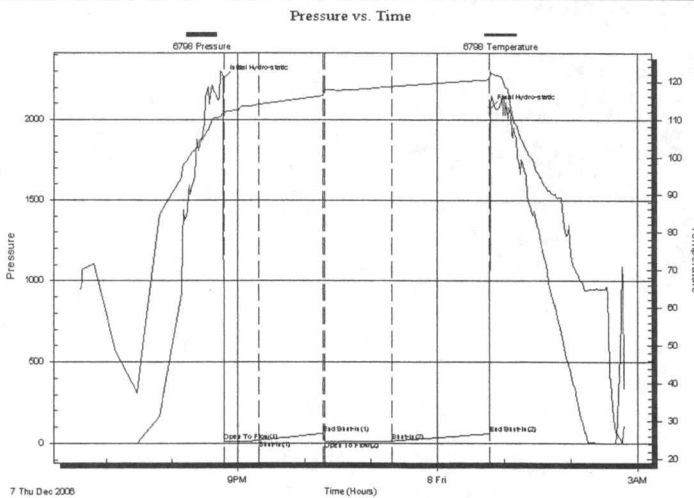
Time Off Btm: 2006.12.08 @ 00:47:46

TEST COMMENT: IF Weak blow Built to 2 1/4 "

ISI No blow

FF Weak blow Built to 2 "

FSI No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2248.31	111.52	Initial Hydro-static
1	10.93	111.72	Open To Flow (1)
32	19.38	113.93	Shut-In(1)
91	62.14	116.26	End Shut-In(1)
92	10.12	117.82	Open To Flow (2)
153	14.35	118.73	Shut-In(2)
241	59.82	120.57	End Shut-In(2)
241	2073.65	122.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud 100%M	0.21
0.00		0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25826

**DST#: 5**

ATTN: Dave Callew aert

Test Start: 2006.12.07 @ 18:36:17

### Tool Information

Drill Pipe:	Length: 4348.00 ft	Diameter: 3.80 inches	Volume: 60.99 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 60.99 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4361.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4346.00	
Hydraulic tool	5.00			4351.00	
Packer	5.00			4356.00	20.00 Bottom Of Top Packer
Packer	5.00			4361.00	
Stubb	1.00			4362.00	
Recorder	0.00	6798	Inside	4362.00	
Perforations	21.00			4383.00	
Recorder	0.00	13249	Outside	4383.00	
Bullnose	3.00			4386.00	25.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>45.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Eagle Creek Corporation

**Curtis # 1-23**

150 N Main Ste 905  
Wichita KS 67202

**23 26 15 Pratt KS**

Job Ticket: 25826

**DST#: 5**

ATTN: Dave Callew aert

Test Start: 2006.12.07 @ 18:36:17

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 11.97 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 9500.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud 100%M	0.210
0.00		0.000

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

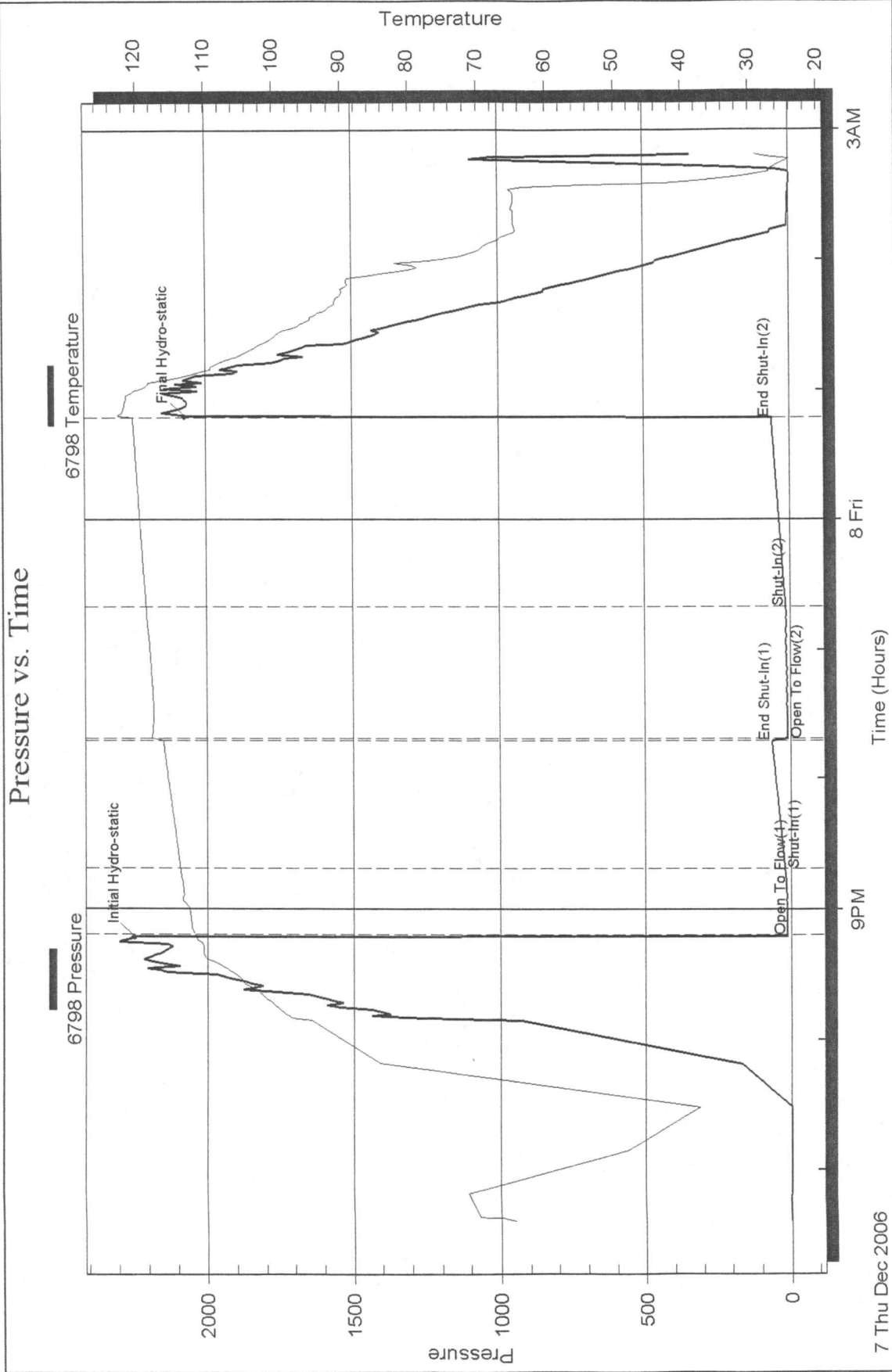
Num Gas Bombs: 0

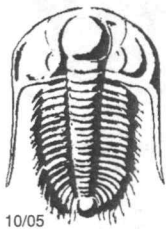
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9628

25928

## Test Ticket

Well Name & No. Curtis #1-23 Test No. 1 Date 12-4-06  
 Company Eagle Creek Corp Zone Tested A-B LKC  
 Address 150 N. Main Ste 905 Wichita, Ks. 67202 Elevation 2070 KB 2062 GL  
 Co. Rep / Geo. Dave Callewaert Rig Duke #8  
 Location: Sec. 23 Twp. 26 Rge. 15 Co. Pratt State Ks  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 3904 ————— 3930 Initial Str Wt./Lbs. 52,000 Unseated Str Wt/Lbs. 52,000  
 Anchor Length 26 Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 69,000  
 Top Packer Depth 3899 Tool Weight 2000  
 Bottom Packer Depth 3904 Hole Size 7 7/8" Rubber Size 6 3/4"  
 Total Depth 3930 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run \_\_\_\_\_  
 Mud Wt. 10.1 LCM 3# Vis. 50 WL 8.8 Drill Pipe Size 4.5XH Ft. Run 3908  
 Blow Description F.F. Strong b-h in 15 sec. GTS in 3 min.

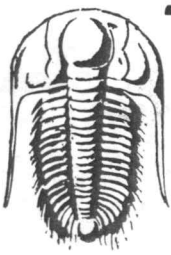
F.F. Strong b-h as soon as tool opened - Gas sample taken

Recovery - Total Feet 150 GIP GTS Ft. in DC \_\_\_\_\_ Ft. in DP \_\_\_\_\_  
 Rec. 150 Feet of mdy oil %gas 80 %oil \_\_\_\_\_ %water 20 %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 111 °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 4200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1912</u> PSI	<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>64</u> PSI	(depth) <u>3905</u>	Jars _____
(C) First Final Flow Pressure		<u>70</u> PSI	Recorder No. <u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure		<u>1177</u> PSI	(depth) <u>3927</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>69</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>74</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1132</u> PSI	<b>Initial Opening</b> <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1826</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer _____
			Final Shut-In <u>90</u>	Mileage <u>232 RT 58</u>
			<b>T-On Location</b> <u>00:30</u>	Sub Total: <u>1150</u>
			T-Started <u>01:48</u>	Std. By _____
			T-Open <u>04:15</u>	Acc. Chg: _____
			T-Pulled <u>08:15</u>	Other: _____
			T-Out <u>10:38</u>	Total: _____

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Approved By [Signature]  
Our Representative Dave Bangle



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

## GAS VOLUME REPORT

Eagle Creek Corp  
OPERATOR

CURTIS # 1-2.3  
WELL NAME AND NO.

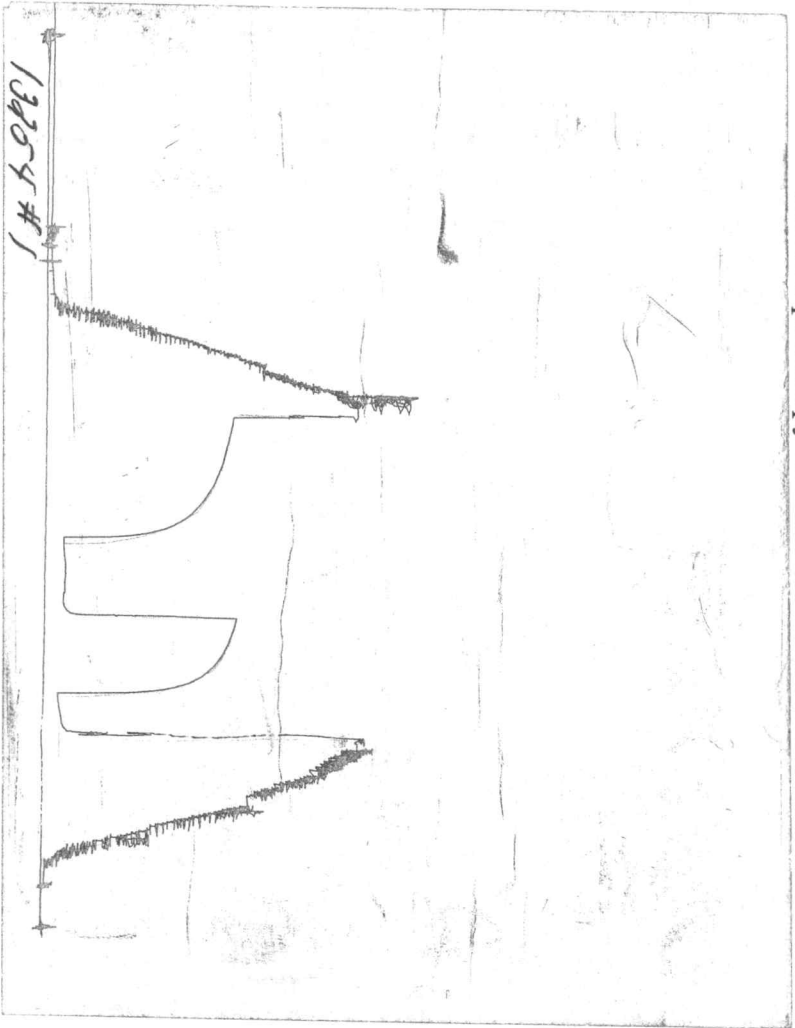
1  
DST NO.

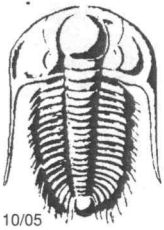
Min.	Ins. of Water PSIG	Orifice Size	CF/D	Min.	Ins. of Water PSIG	Orifice Size	CF/D
0		3/4		0	3/4		
5	8	"	349.885	5	"	20	537.323
10	8	"	349.885	10	"	20	537.323
15	8	"	349.885	15	"	22	568.563
20	7	"	334.265	20	"	22	568.563
25	7	"	334.265	25	"	20	537.323
30	6	"	318.645	30	"	20	537.323
				35	"	18	506.083
				40	"	16	474.844
				45	"	16	474.844
				50	"	16	474.844
				55	"	16	474.844
				60	"	16	474.844

Remarks: GTS in 3 min.  
Gas sample taken on F.F.

**CHART PAGE**

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

9628

25473

10/05

## Test Ticket

Well Name & No. Curtis # 1-23 Test No. 2 Date 12-05-06  
 Company Eagle Creek Corporation Zone Tested Lansing "H"  
 Address 150 N. Main, Ste. # 905 Wichita, Ks. 67202 Elevation 2070 KB 2062 GL  
 Co. Rep / Geo. Dave Callewaert Rig Duke # 8  
 Location: Sec. 23 Twp. 26S Rge. 15W Co. Pratt State Ks.  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4030 - 4055 Initial Str Wt./Lbs. 54,000 Unseated Str Wt/Lbs. 54,000  
 Anchor Length 25 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000  
 Top Packer Depth 4025 Tool Weight 2,100  
 Bottom Packer Depth 4030 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 4055 Wt. Pipe Run 0 Drill Collar Run 0  
 Mud Wt. 9.2 LCM 2# Vis. 47 WL 9.2 Drill Pipe Size 4 1/2" XH Ft. Run 4035

Blow Description IF: Very strong blow. B.O.B. immediately. GTS. in 2 1/2 mins. (see gas flow report.)  
IST: No blow.  
FF: Strong blow. B.O.B. in 5 secs.  
FSI: No blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>50</u>	<u>3985</u>	<u>0</u>	<u>50</u>
Rec. <u>50</u> Feet of <u>SGCM</u>	<u>2</u> %gas	<u>0</u> %oil	<u>98</u> %water <u>0</u> %mud
Rec. _____ Feet of _____	_____ %gas	_____ %oil	_____ %water _____ %mud
Rec. _____ Feet of _____	_____ %gas	_____ %oil	_____ %water _____ %mud
Rec. _____ Feet of _____	_____ %gas	_____ %oil	_____ %water _____ %mud
Rec. _____ Feet of _____	_____ %gas	_____ %oil	_____ %water _____ %mud

BHT III °F Gravity N/C °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW N/C @ \_\_\_\_\_ °F Chlorides 5,500 ppm Recovery \_\_\_\_\_ Chlorides 5,500 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1986</u> PSI	<u>6798</u>	<input checked="" type="checkbox"/> <u>1200 -</u>
(B) First Initial Flow Pressure	<u>110</u> PSI	(depth) <u>4031</u>	Jars _____
(C) First Final Flow Pressure	<u>118</u> PSI	Recorder No. <u>13249</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1290</u> PSI	(depth) <u>4052</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>104</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>116</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1288</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1950</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By [Signature]  
 Our Representative Gerald Adams

Final Flow	<u>60</u>	Ruined Packer	_____
Final Shut-In	<u>90</u>	Mileage	<input checked="" type="checkbox"/> <u>40 R.T. 50</u>
T-On Location	<u>2430</u>	Sub Total:	<u>1250 -</u>
T-Started	<u>0220</u>	Std. By	_____
T-Open	<u>0426</u>	Acc. Chg:	_____
T-Pulled	<u>0825</u>	Other:	_____
T-Out	<u>1002</u>	Total:	_____

Thank You.



**CHART PAGE**

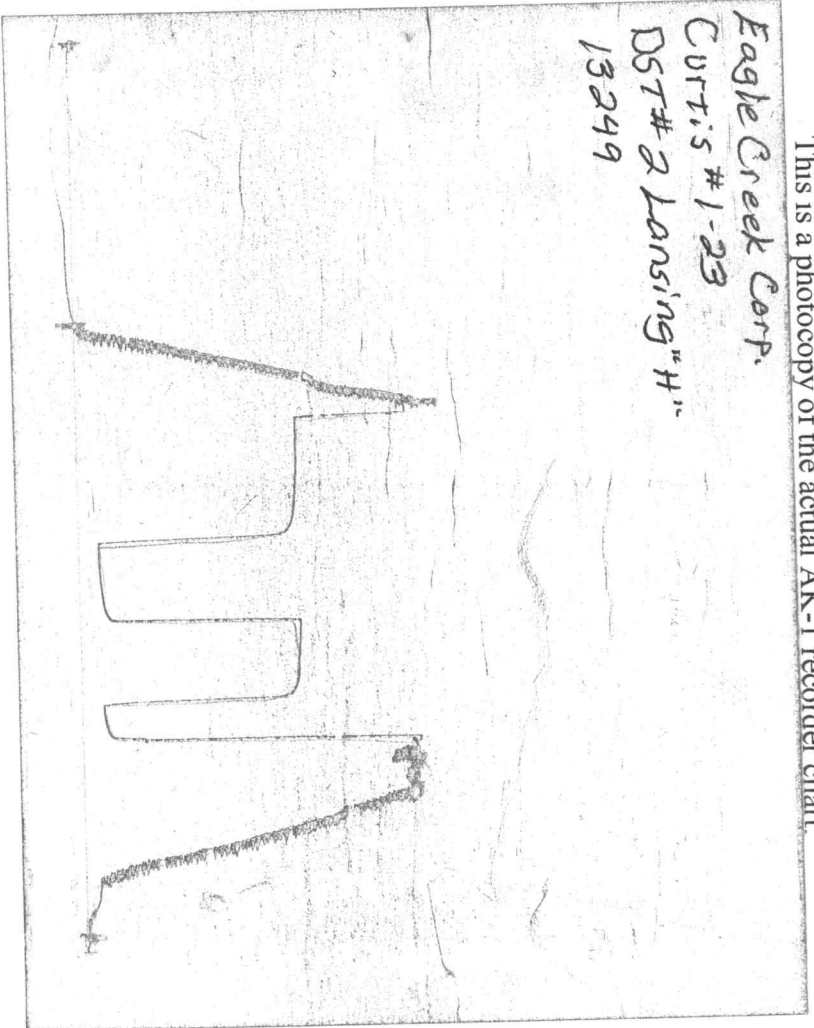
This is a photocopy of the actual AK-1 recorder chart

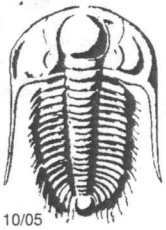
Eagle Creek Corp.

CURTIS #1-23

DST# 2 Lansing "H"

13249





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25474

## Test Ticket

Well Name & No. Curtis #1-23 Test No. 3 Date 12-05-06  
 Company Eagle Creek Corporation Zone Tested Lansing "I"  
 Address 150 N. Main, Ste. #905 Wichita, Kansas 67202 Elevation 2070 KB 2062 GL  
 Co. Rep / Geo. Dave Callewaert Rig Duke # 8  
 Location: Sec. 23 Twp. 26S Rge. 15W Co. Pratt State Ks.  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4057 - 4094 Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 56,000  
 Anchor Length 37 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000  
 Top Packer Depth 4052 Tool Weight 2,400  
 Bottom Packer Depth 4057 + 4094 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 4110 Wt. Pipe Run 0 Drill Collar Run 0  
 Mud Wt. 9.2 LCM 2 1/2" Vis. 43 WL 8.4 Drill Pipe Size 4 1/2" XH Ft. Run 4066

Blow Description IF: Very strong blow. B.O.B. immediately. GTS. in 2 1/2 mins. (see gas flow report)  
IST: Weak blow. Built to 3/4"  
FF: Very strong blow. B.O.B. immediately.  
FSI: Weak surface blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>65</u>	<u>4001</u>	<u>0</u>	<u>65</u>
Rec. <u>65</u> Feet of <u>SG + 0 cm</u>	<u>10</u> %gas	<u>5</u> %oil	<u>85</u> %water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water

BHT 103 °F Gravity NIC °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW NIC @ \_\_\_\_\_ °F Chlorides 7,500 ppm Recovery \_\_\_\_\_ Chlorides 7,500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1983</u> PSI	<u>6798</u>	<u>1200</u>	<input checked="" type="checkbox"/>
(B) First Initial Flow Pressure	<u>139</u> PSI	(depth) <u>4068</u>	Jars _____	
(C) First Final Flow Pressure	<u>169</u> PSI	Recorder No. <u>13400</u>	Safety Jt. _____	
(D) Initial Shut-In Pressure	<u>1407</u> PSI	(depth) <u>4093</u>	Circ Sub _____	
(E) Second Initial Flow Pressure	<u>130</u> PSI	Recorder No. <u>13249</u>	Sampler _____	
(F) Second Final Flow Pressure	<u>168</u> PSI	(depth) <u>4107</u>	Straddle <input checked="" type="checkbox"/> <u>600</u>	
(G) Final Shut-In Pressure	<u>1403</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1951</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____	

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Approved By [Signature] Thank You. T-Open 2122 T-Pulled 0120 T-Open 0351  
 Our Representative Gerald Adams T-Started 1913 T-Open 2122 T-Pulled 0120 T-Open 0351

Final Flow	<u>60</u>	Ruined Packer	_____
Final Shut-In	<u>90</u>	Mileage	<input checked="" type="checkbox"/> <u>40 R.T50</u>
T-On Location	<u>1830</u>	Sub Total:	<u>1850</u>
T-Started	<u>1913</u>	Std. By	_____
T-Open	<u>2122</u>	Acc. Chg:	_____
T-Pulled	<u>0120</u>	Other:	_____
T-Open	<u>0351</u>	Total:	_____



**CHART PAGE**

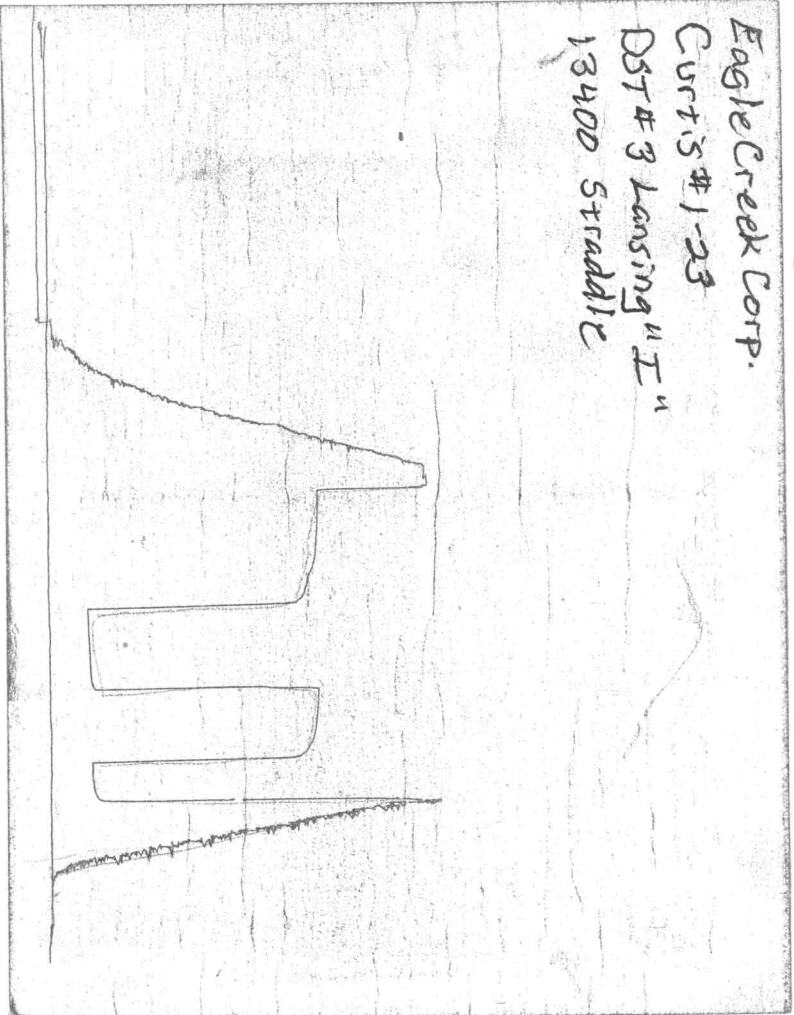
This is a photocopy of the actual AK-1 recorder chart.

Eagle Creek Corp.

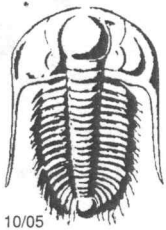
Curtis #1-23

DST #3 Lansing "I" "

13400 Straddle







# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25475

## Test Ticket

Well Name & No. Curtis #1-23 Test No. 4 Date 12-06-06  
 Company Eagle Creek Corporation Zone Tested Lansing "K"  
 Address 150 N. Main, Ste. #905 Wichita, Kansas 67209 Elevation 2070 KB 2062 GL  
 Co. Rep / Geo. Dave Callewaert Rig Duke #8  
 Location: Sec. 23 Twp. 26S Rge. 15W Co. Pratt State Ks.  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4122-4140 Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 57,000  
 Anchor Length 18 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000  
 Top Packer Depth 4117 Tool Weight 2,100  
 Bottom Packer Depth 4122 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 4140 Wt. Pipe Run 0 Drill Collar Run 0  
 Mud Wt. 9.2 LCM 3# Vis. 40 WL 10.8 Drill Pipe Size 4 1/2" XH Ft. Run 4129

Blow Description IF: Strong blow. B.O.B. in 10 secs. GTS. in 3 mins. (see gas flow report.)  
IST: Weak blow. Built to 1/4"  
FF: Strong blow. B.O.B. in 5 secs.  
FSI: Weak blow. Built to 1/4"

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>280</u>	<u>3849</u>	<u>0</u>	<u>280</u>
Rec. <u>94</u>	Feet of <u>56CM</u>	<u>4</u> %gas	%oil <u>96</u> %water <u>18</u> %mud
Rec. <u>186</u>	Feet of <u>56 &amp; MCW</u>	<u>2</u> %gas	%oil <u>80</u> %water <u>18</u> %mud
Rec. _____	Feet of _____	%gas	%oil _____ %water _____ %mud
Rec. _____	Feet of _____	%gas	%oil _____ %water _____ %mud
Rec. _____	Feet of _____	%gas	%oil _____ %water _____ %mud

BHT 112 °F Gravity N/C °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW .070 @ 55 °F Chlorides 160,000 ppm Recovery \_\_\_\_\_ Chlorides 8,000 ppm System

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2043</u> PSI	<u>6798</u>	<input checked="" type="checkbox"/> <u>1200</u>
(B) First Initial Flow Pressure	<u>159</u> PSI	(depth) <u>4123</u>	Jars _____
(C) First Final Flow Pressure	<u>264</u> PSI	Recorder No. <u>13249</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1230</u> PSI	(depth) <u>4137</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>199</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>313</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1213</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1953</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
		Final Flow <u>60</u>	Ruined Packer _____
		Final Shut-In <u>90</u>	Mileage <input checked="" type="checkbox"/> <u>40R.T.50</u>
		T-On Location <u>1130</u>	Sub Total: <u>1250</u>
		T-Started <u>1147</u>	Std. By _____
		T-Open <u>1312</u>	Acc. Chg: _____
		T-Pulled <u>1710</u>	Other: _____
		T-Out <u>1937</u>	Total: _____

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Approved By [Signature]  
 Our Representative Merald Adams

Thank You



**CHART PAGE**

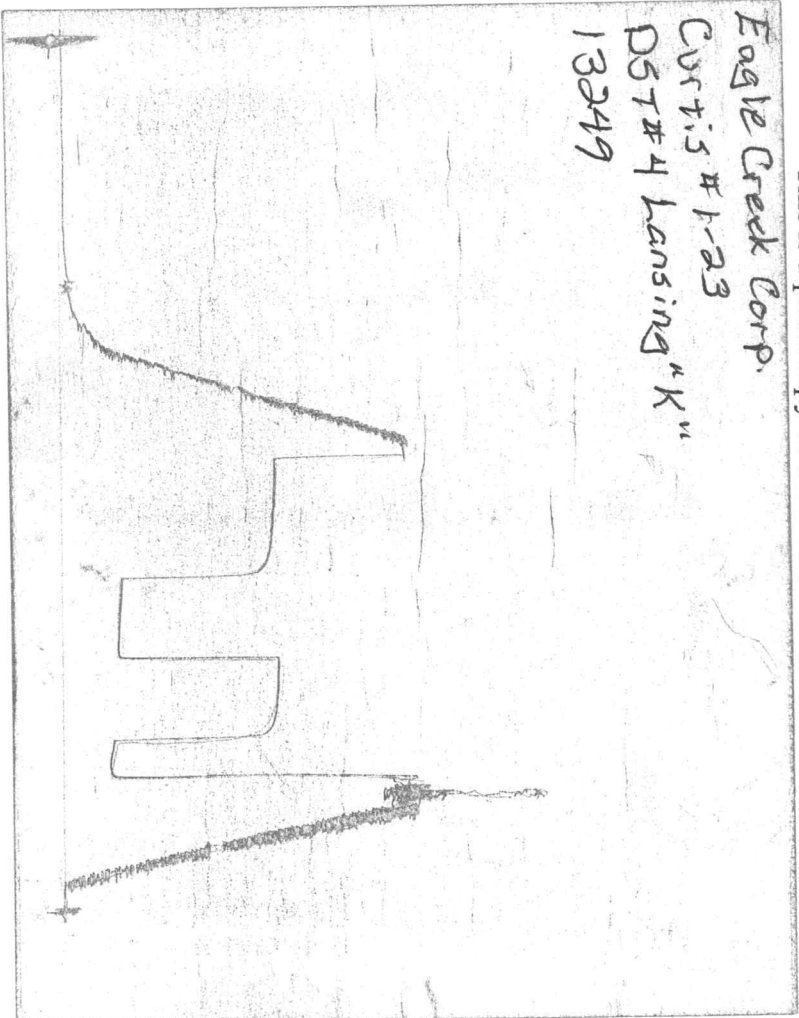
This is a photocopy of the actual AK-1 recorder chart.

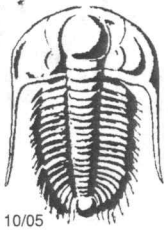
Eagle Creek Corp.

Curtis # 1-23

D5 T# 4 Lansing "K"

13249





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25826

## Test Ticket

Well Name & No. Curtis #1-23 Test No. ~~200706~~ 5 Date 12-07-06  
 Company Eagle Creek Corporation Zone Tested Viola  
 Address 150 N. Main, Ste. #905 Wichita, Kansas 67202 Elevation 2070 KB 2062 GL  
 Co. Rep / Geo. Dave Callewaert Rig Duke #8  
 Location: Sec. 23 Twp. 26S Rge. 15W Co. Pratt State Ks.  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4361-4386 Initial Str Wt./Lbs. 60,000 Unseated Str Wt./Lbs. 60,000  
 Anchor Length 25 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 65,000  
 Top Packer Depth 4356 Tool Weight 2,100  
 Bottom Packer Depth 4361 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth 4386 Wt. Pipe Run 0 Drill Collar Run 0  
 Mud Wt. 9.3 LCM 3 Vis. 58 WL 12.0 Drill Pipe Size 4 1/2" X 4 Ft. Run 4348

Blow Description IF=Weak blow. Built to 2 1/4"  
ISI=No blow.  
FF=Weak blow. Built to 2"  
FST=No blow.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>15</u>	<u>0</u>	<u>0</u>	<u>15</u>
Rec. <u>15</u> Feet of <u>Drilling Mud</u>	%gas	%oil	%water <u>100</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud
Rec. _____ Feet of _____	%gas	%oil	%water _____ %mud

BHT 120 °F Gravity N/C °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW N/C @ \_\_\_\_\_ °F Chlorides 9,500 ppm Recovery \_\_\_\_\_ Chlorides 9,500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2306</u>	PSI	<u>6798</u>	<input checked="" type="checkbox"/> <u>1200</u>
(B) First Initial Flow Pressure	<u>11</u>	PSI	(depth) <u>4362</u>	Jars _____
(C) First Final Flow Pressure	<u>19</u>	PSI	Recorder No. <u>13249</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>62</u>	PSI	(depth) <u>4383</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>10</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>14</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>60</u>	PSI	<b>Initial Opening</b> <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2162</u>	PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By [Signature] Thank You. T-Open 2047  
 Our Representative, Gerald Adams T-Pulled 2449  
 T-Started 1836 T-Out 0248  
 T-Open \_\_\_\_\_ Std. By \_\_\_\_\_  
 T-Pulled \_\_\_\_\_ Acc. Chg: \_\_\_\_\_  
 T-Out \_\_\_\_\_ Other: \_\_\_\_\_  
 Total: \_\_\_\_\_

**CHART PAGE**

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

Eagle Creek Corp.  
Curtis # 1-33  
DST # 5 Viola  
13249

