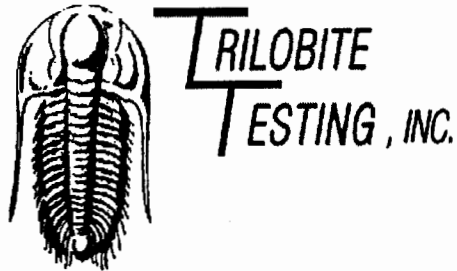


15-175-21979



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

ORIGINAL
1004 Main Suite 905
Wichita Ks. 97202

CONFIDENTIAL

ATTN: Dave Callewaert

11/31s/31w

Geisinger 4-11

Start Date: 2005.04.24 @ 22:11:15

End Date: 2005.04.25 @ 06:41:15

Job Ticket #: 21824 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 30 2005

CONSERVATION DIVISION
WICHITA, KS

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 Corp.

150 N. Main Suite 905
Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 21824

DST#: 1

Test Start: 2005.04.24 @ 22:11:15

GENERAL INFORMATION:

Formation: Slope

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:02:00

Time Test Ended: 06:41:15

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4753.00 ft (KB) To 4780.00 ft (KB) (TVD)

Total Depth: 4780.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2817.00 ft (KB)

2805.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6769

Press@RunDepth: psig @ ft (KB)

Start Date: 2005.04.24

End Date:

2005.04.25

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 22:11:17

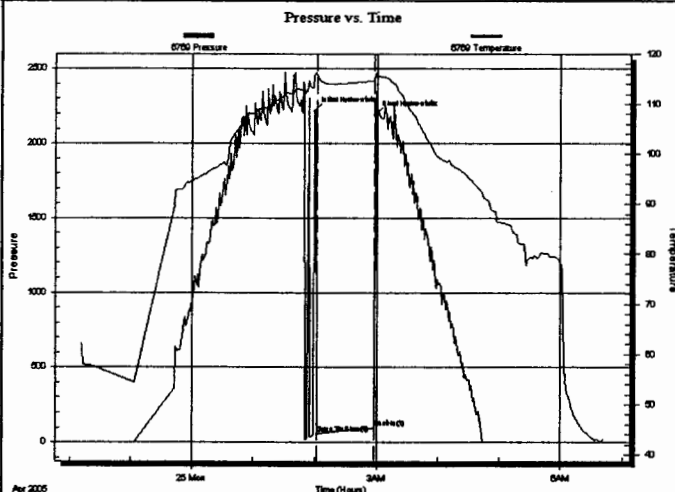
End Time:

06:41:15

Time On Btm: 2005.04.25 @ 01:59:15

Time Off Btm: 2005.04.25 @ 02:58:15

TEST COMMENT: IF- Good blow ,BOB 9min.
Collars were stuck, had to come out of hole.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2215.91	115.53	Initial Hydro-static
3	57.90	115.72	Open To Flow (1)
59	95.31	114.63	Shut-In(1)
59	2191.00	115.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	60% mud 20% w ater 10% gas 10% oil	0.30
125.00	40% w ater 30% mud 20% gas 10% oil	0.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905
Wichita Ks. 97202

11/31s/31w

Job Ticket: 21824

DST#: 1

ATTN: Dave Callew aert

Test Start: 2005.04.24 @ 22:11:15

Tool Information

Drill Pipe:	Length: 4449.00 ft	Diameter: 3.80 inches	Volume: 62.41 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 308.00 ft	Diameter: 2.25 inches	Volume: 1.51 bbl	Weight to Pull Loose:	135000.0 lb
			Total Volume: 63.92 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4753.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 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
Change Over Sub	1.00			4734.00	
Shut In Tool	5.00			4739.00	
Hydraulic tool	5.00			4744.00	
Packer	5.00			4749.00	20.00 Bottom Of Top Packer
Packer	4.00			4753.00	
Stubb	1.00			4754.00	
Perforations	2.00			4756.00	
Recorder	0.00	6769	Inside	4756.00	
Perforations	20.00			4776.00	
Recorder	0.00	6724	Outside	4776.00	
Bullnose	4.00			4780.00	27.00 Bottom Packers & Anchor

Total Tool Length: 47.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905
Wichita Ks. 97202

11/31s/31w

Job Ticket: 21824

DST#: 1

ATTN: Dave Callew aert

Test Start: 2005.04.24 @ 22:11:15

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:

30000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	60% mud 20% water 10% gas 10% oil.	0.305
125.00	40% water 30% mud 20% gas 10% oil.	0.615

Total Length: 187.00 ft

Total Volume: 0.920 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

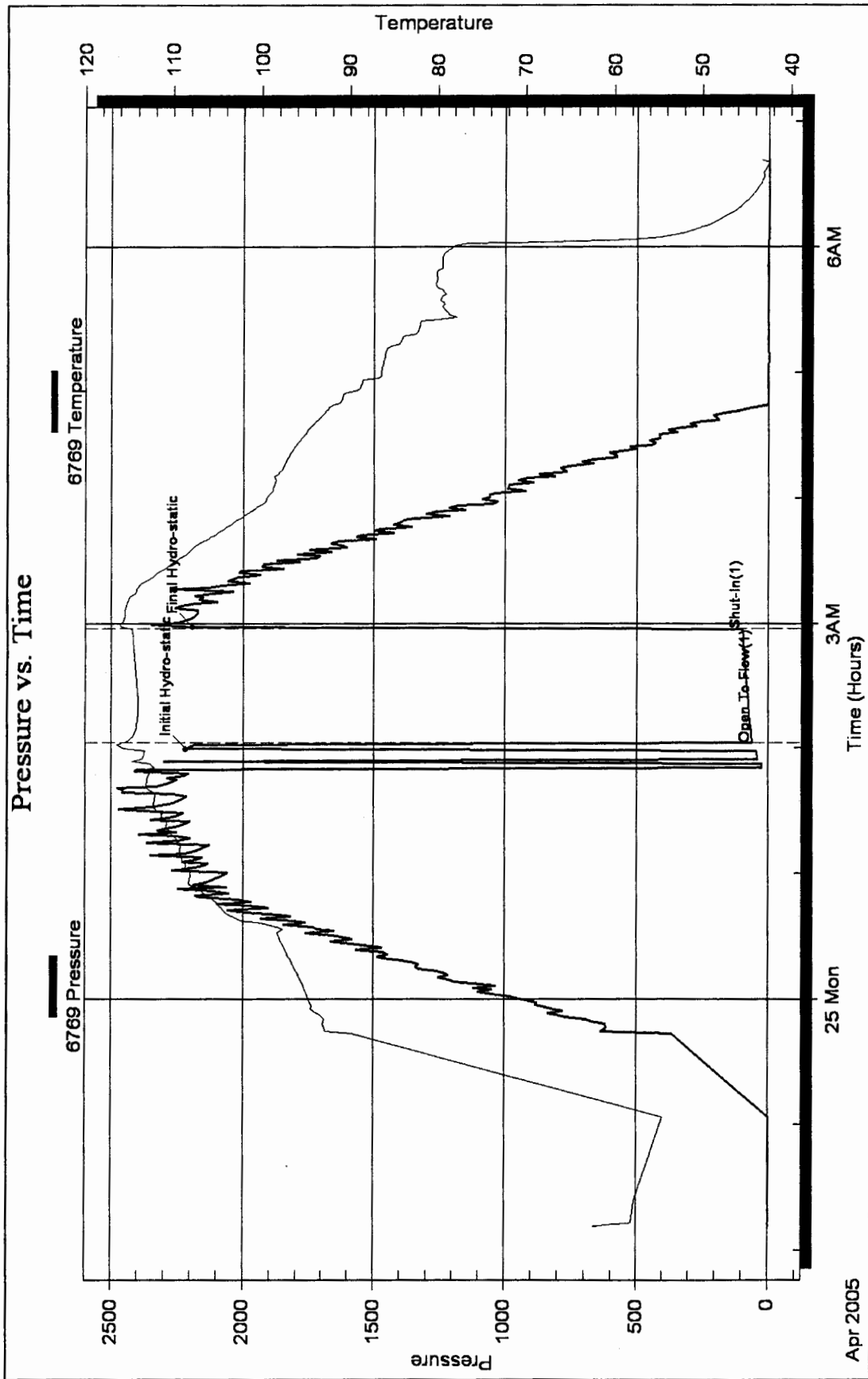
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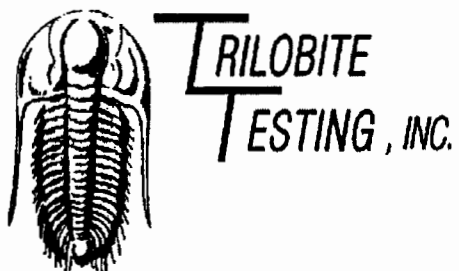
Serial #: 6769

Eagle Creek Corp.

11/31s/31w

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callewaert

11/31s/31w

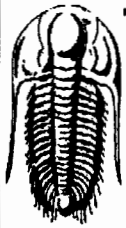
Geisinger 4-11

Start Date: 2005.04.25 @ 13:09:10

End Date: 2005.04.26 @ 01:00:40

Job Ticket #: 21825 DST #: 2

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 Corp.

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 21825

DST#: 2

Test Start: 2005.04.25 @ 13:09:10

GENERAL INFORMATION:

Formation: **Slope**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 16:49:40

Time Test Ended: 01:00:40

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **4748.00 ft (KB) To 4780.00 ft (KB) (TVD)**

Total Depth: **4780.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2817.00 ft (KB)**

2805.00 ft (CF)

KB to GRVCF: **12.00 ft**

Serial #: 6769

Press@RunDepth: **86.73 psig @ ft (KB)**

Start Date: **2005.04.25**

End Date: **2005.04.26**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **13:09:12**

End Time: **01:00:40**

Time On Btm: **2005.04.25 @ 16:46:40**

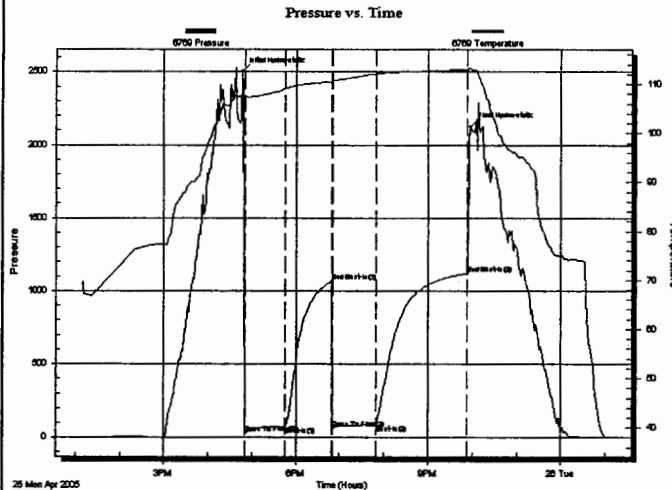
Time Off Btm: **2005.04.25 @ 21:57:10**

TEST COMMENT: **IF- Weak blow ,BOB 50min.**

IS- No blow back.

FF- Good building blow , BOB 5min.

FSI- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2505.53	107.60	Initial Hydro-static
3	29.91	107.41	Open To Flow (1)
60	73.07	109.13	Shut-In(1)
123	1067.75	110.49	End Shut-In(1)
125	62.95	110.72	Open To Flow (2)
183	86.73	112.07	Shut-In(2)
306	1120.13	113.01	End Shut-In(2)
311	2126.07	113.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	2000 foot GP.	0.00
66.00	5%W, 10%Oil, 15%G, 70%M	0.32
62.00	10%W, 10%Oil, 20%G, 60%M	0.30
62.00	5%Oil, 15%W, 20%G, 60%M	0.30

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 21825

DST#: 2

ATTN: Dave Callew aert

Test Start: 2005.04.25 @ 13:09:10

Tool Information

Drill Pipe:	Length: 123.00 ft	Diameter: 3.80 inches	Volume: 1.73 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 4605.00 ft	Diameter: 2.25 inches	Volume: 22.65 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume:	24.38 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4748.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			4721.00	
Shut In Tool	5.00			4726.00	
Hydraulic tool	5.00			4731.00	
Jars	5.00			4736.00	
Safety Joint	3.00			4739.00	
Packer	5.00			4744.00	28.00 Bottom Of Top Packer
Packer	4.00			4748.00	
Stubb	1.00			4749.00	
Perforations	2.00			4751.00	
Recorder	0.00	6769	Inside	4751.00	
Perforations	25.00			4776.00	
Recorder	0.00	6724	Outside	4776.00	
Bullnose	4.00			4780.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 21825

DST#: 2

ATTN: Dave Callew aert

Test Start: 2005.04.25 @ 13:09:10

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:

30 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.55 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
0.00	2000 foot GIP.	0.000
66.00	5%W, 10%Oil, 15%G, 70%M	0.325
62.00	10%W, 10%Oil, 20%G, 60%M	0.305
62.00	5%Oil, 15%W, 20%G, 60%M	0.305

Total Length: 190.00 ft

Total Volume: 0.935 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

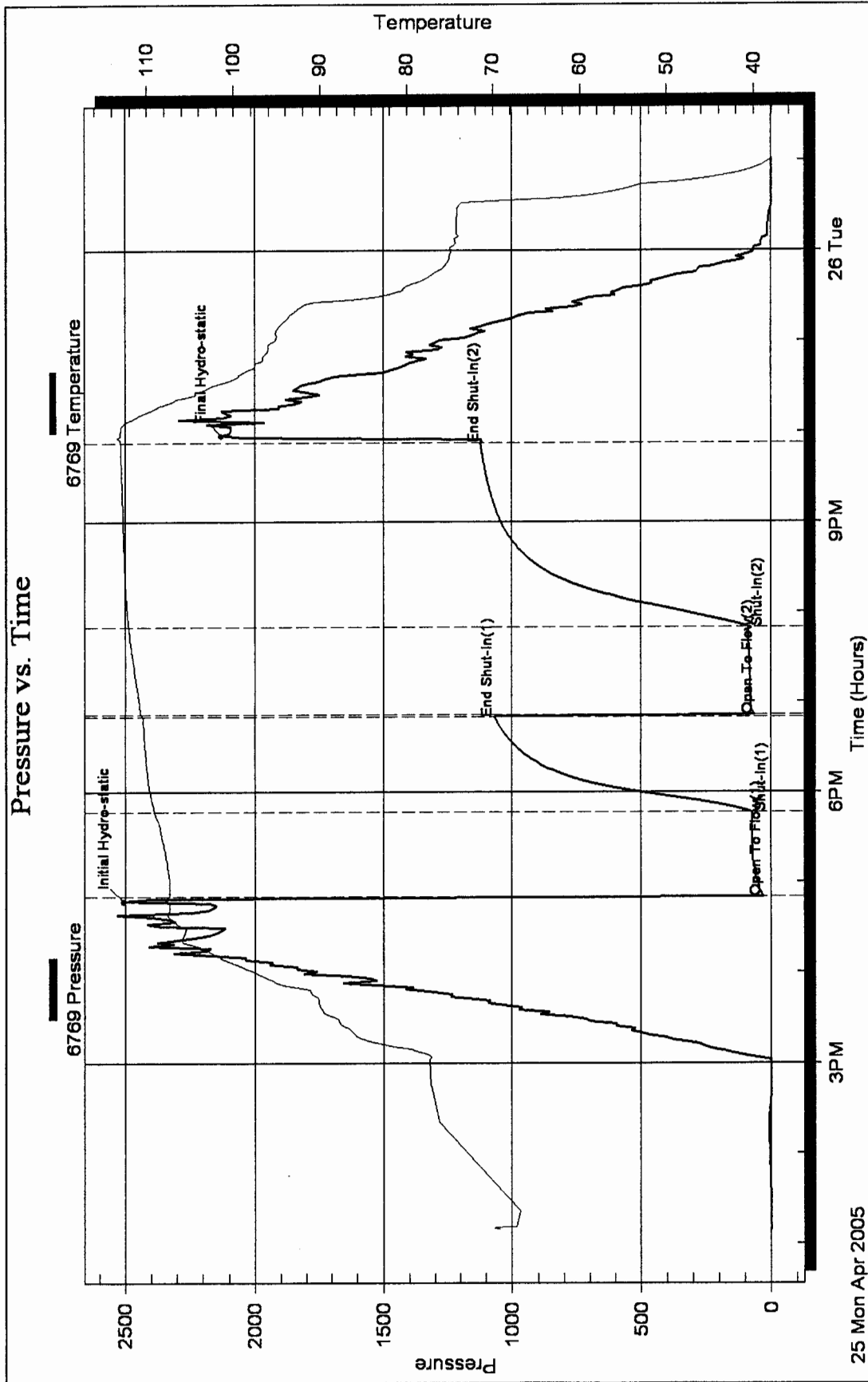
Recovery Comments:

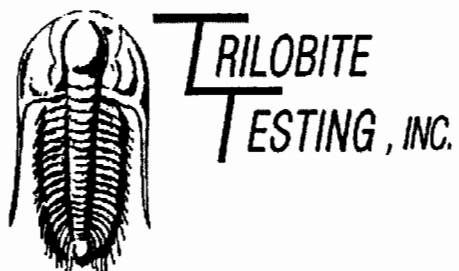
Serial #: 6769

Eagle Creek Corp.

11/31s/31w

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callewaert

11/31s/31w

Geisinger 4-11

Start Date: 2005.04.26 @ 21:45:12

End Date: 2005.04.27 @ 08:02:27

Job Ticket #: 22476

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 Corp.

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 22476

DST#: 3

Test Start: 2005.04.26 @ 21:45:12

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:37:42

Time Test Ended: 08:02:27

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5042.00 ft (KB) To 5082.00 ft (KB) (TVD)**

Total Depth: **5082.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: Fair

Reference Elevations: **2817.00 ft (KB)**

2805.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 6769

Press@RunDepth: **88.22 psig @ ft (KB)**

Start Date: **2005.04.26**

End Date:

2005.04.27

Start Time: **21:45:14**

End Time:

08:02:27

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2005.04.27 @ 00:32:42**

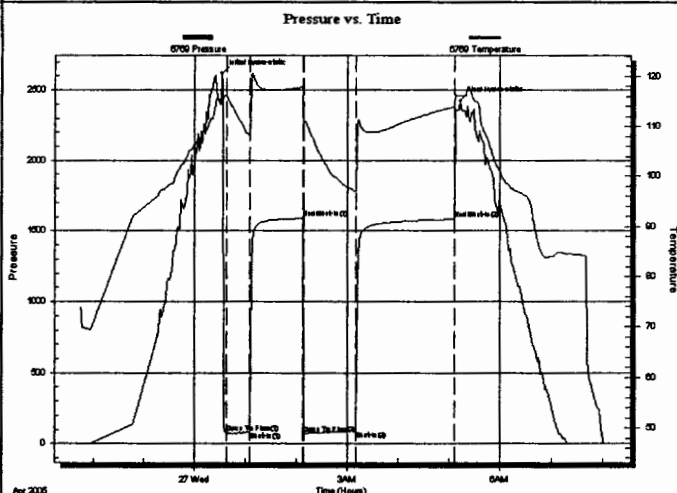
Time Off Btm: **2005.04.27 @ 05:13:57**

TEST COMMENT: F- Strong blow, BOB ASAO, GTS 5min.

IS- No blow back.

FF- Strong blow, BOB & GTS ASAO.

FS- No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2617.41	115.34	Initial Hydro-static
5	75.18	116.06	Open To Flow (1)
33	80.58	107.98	Shut-In(1)
95	1589.15	117.85	End Shut-In(1)
97	70.89	110.66	Open To Flow (2)
157	88.22	97.00	Shut-In(2)
274	1582.40	113.91	End Shut-In(2)
282	2426.27	116.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	100% Mud	0.30
128.00	10% gas, 10% water, 80% mud.	1.24

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	2.00	471.48
Last Gas Rate	1.00	2.75	493.04
Max. Gas Rate	1.00	2.75	493.04



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22476

DST#: 3

ATTN: Dave Callew aert

Test Start: 2005.04.26 @ 21:45:12

Tool Information

Drill Pipe:	Length: 4920.00 ft	Diameter: 3.80 inches	Volume: 69.01 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: 28000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 72000.00 lb
			<u>Total Volume: 69.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5042.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 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			5016.00	
Shut In Tool	5.00			5021.00	
Hydraulic tool	5.00			5026.00	
Jars	5.00			5031.00	
Safety Joint	2.00			5033.00	
Packer	5.00			5038.00	27.00 Bottom Of Top Packer
Packer	4.00			5042.00	
Stubb	1.00			5043.00	
Perforations	2.00			5045.00	
Recorder	0.00	6769	Inside	5045.00	
Perforations	33.00			5078.00	
Recorder	0.00	6724	Outside	5078.00	
Bullnose	4.00			5082.00	40.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22476

DST#: 3

ATTN: Dave Callew aert

Test Start: 2005.04.26 @ 21:45:12

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:

90000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	100% Mud	0.305
128.00	10% gas, 10% water, 80% mud.	1.240

Total Length: 190.00 ft

Total Volume: 1.545 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 1 HOLD GAS

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22476

DST#: 3

ATTN: Dave Callew aert

Test Start: 2005.04.26 @ 21:45:12

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

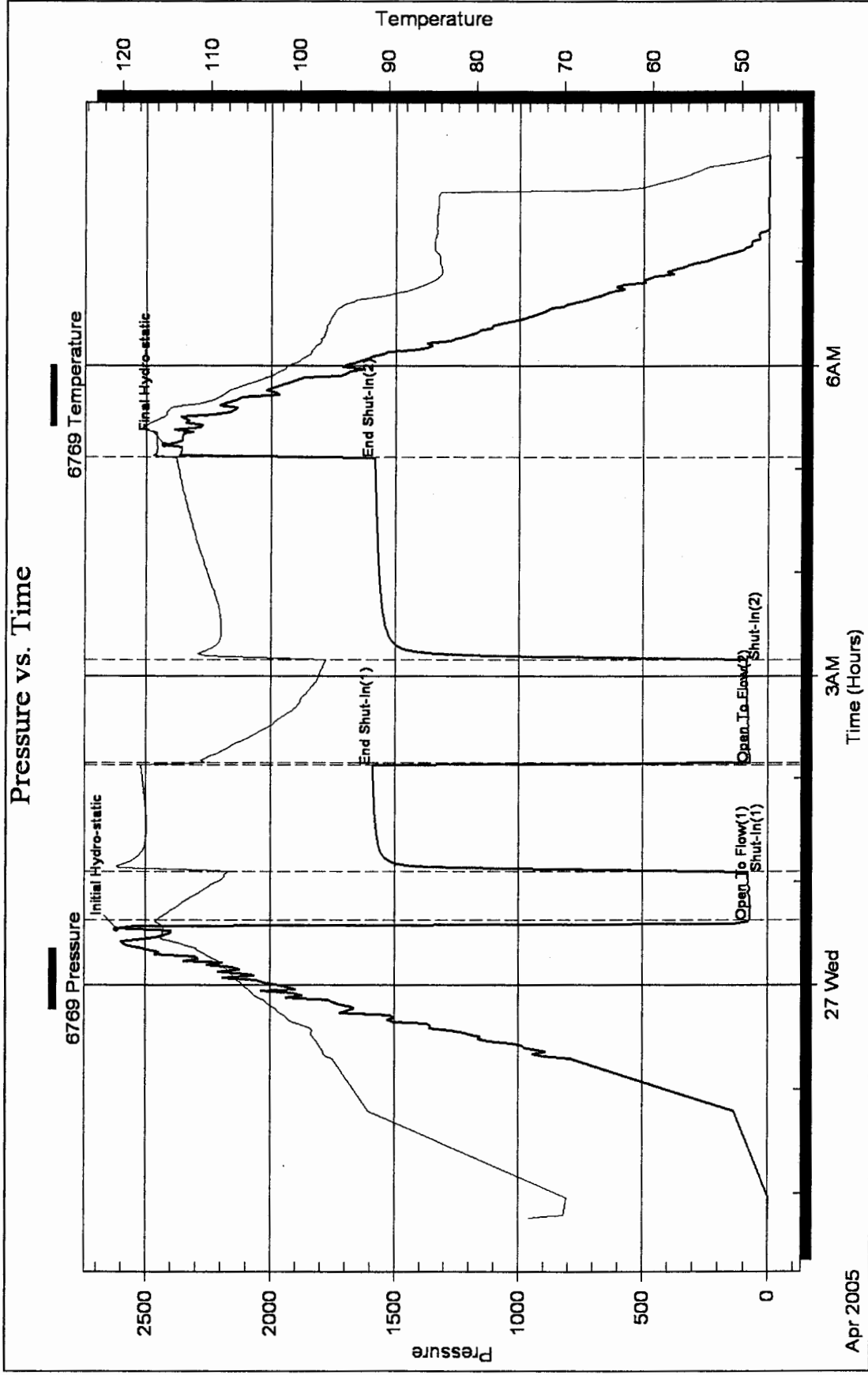
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	10	1.00	2.00	471.48
1	10	1.00	2.00	471.48
1	20	1.00	2.25	478.67
1	30	1.00	2.25	478.67
2	10	1.00	2.50	485.86
2	20	1.00	2.75	493.04
2	30	1.00	2.75	493.04
2	40	1.00	2.75	493.04
2	50	1.00	2.75	493.04
2	60	1.00	2.75	493.04

Serial #: 6769

Eagle Creek Corp.

11/31s/31w

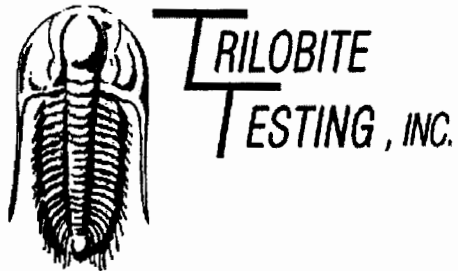
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 22476

Printed: 2005.05.04 @ 13:28:26 Page 6



DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callewaert

11/31s/31w

Geisinger 4-11

Start Date: 2005.04.28 @ 15:33:15

End Date: 2005.04.28 @ 22:54:58

Job Ticket #: 22477 DST #: 4

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



Eagle Creek Corp.

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 22477

DST#:4

Test Start: 2005.04.28 @ 15:33:15

Formation: **Morrow**

Formation: **Morrow**

Deviated:	No	Whipstock:	ft (KB)
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Time Tool Opened:

Time Test Ended: 22:54:58

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 5392.00 ft (KB) To 5466.00 ft (KB) (TVD)

Reference Elevations: 2817.00 ft (KB)

Total Depth: 5466.00 ft (KB) (TVD)

2805.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 6769

Press@RunDepth:	psig	@	ft (KB)
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Capacity: 7000.00 psig

Start Date: 2005.04.28 End Date: 2005.04.28

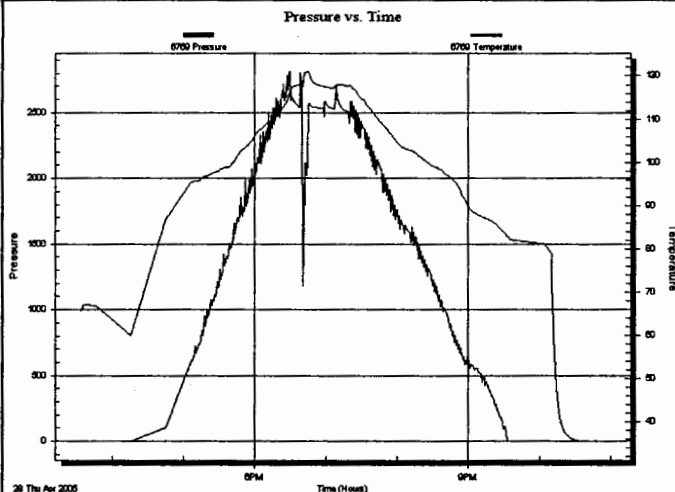
Last Calib.: 1899.12.30

Start Time: 15:33:15 End Time: 22:54:58

Time On Btmr

Time Off Btmr

TEST COMMENT: Missrun, Packers w ould not seat. Ruined one packer.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

[illegible]

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22477

DST#: 4

ATTN: Dave Callew aert

Test Start: 2005.04.28 @ 15:33:15

Tool Information

Drill Pipe:	Length: 5262.00 ft	Diameter: 3.80 inches	Volume: 73.81 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:	28000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	105000.0 lb
		Total Volume:	74.41 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	5392.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	74.00 ft				
Tool Length:	101.00 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			5366.00	
Shut In Tool	5.00			5371.00	
Hydraulic tool	5.00			5376.00	
Jars	5.00			5381.00	
Safety Joint	2.00			5383.00	
Packer	5.00			5388.00	27.00 Bottom Of Top Packer
Packer	4.00			5392.00	
Stubb	1.00			5393.00	
Perforations	2.00			5395.00	
Change Over Sub	1.00			5396.00	
Drill Pipe	31.00			5427.00	
Change Over Sub	1.00			5428.00	
Recorder	0.00	6769	Inside	5428.00	
Perforations	34.00			5462.00	
Recorder	0.00	6724	Outside	5462.00	
Bullnose	4.00			5466.00	74.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22477

DST#: 4

ATTN: Dave Callew aert

Test Start: 2005.04.28 @ 15:33:15

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

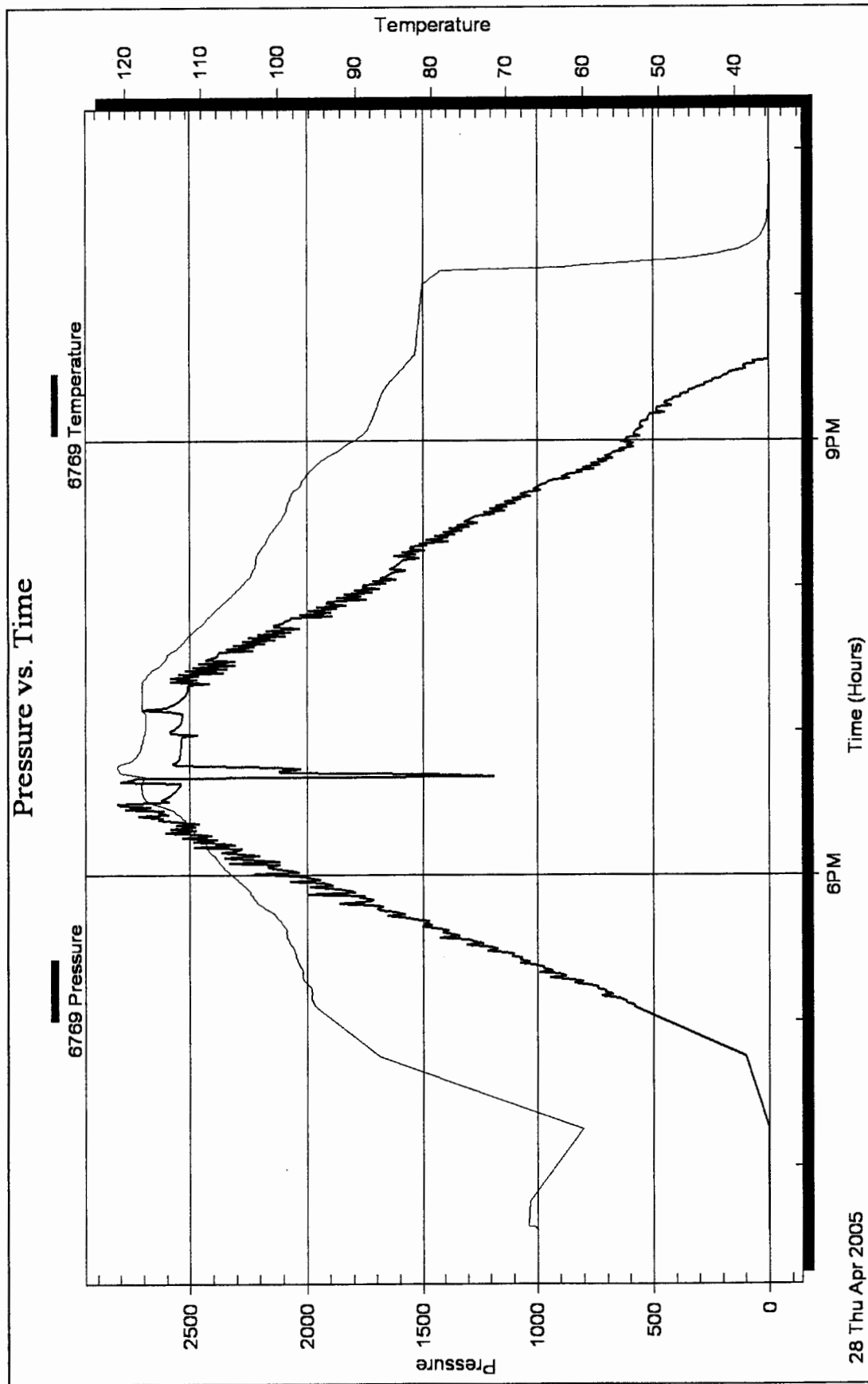
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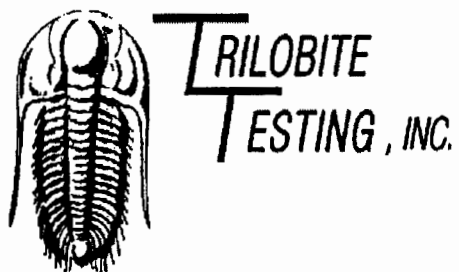
Serial #: 6769

Eagle Creek Corp.

11/31s/31w

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Eagle Creek Corp.**

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callewaert

11/31s/31w

Geisinger 4-11

Start Date: 2005.04.28 @ 22:00:16

End Date: 2005.04.29 @ 07:29:01

Job Ticket #: 22478

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 Corp.

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 22478

DST#: 5

Test Start: 2005.04.28 @ 22:00:16

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:44:16

Time Test Ended: 07:29:01

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5380.00 ft (KB) To 5466.00 ft (KB) (TVD)**

Total Depth: **5466.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2817.00 ft (KB)**

2805.00 ft (CF)

KB to GR/CF: **12.00 ft**

Serial #: 6769

Press@RunDepth: **87.05 psig @ ft (KB)**

Start Date: **2005.04.28**

End Date: **2005.04.29**

Start Time: **22:00:18**

End Time: **07:29:01**

Capacity: **7000.00 psig**

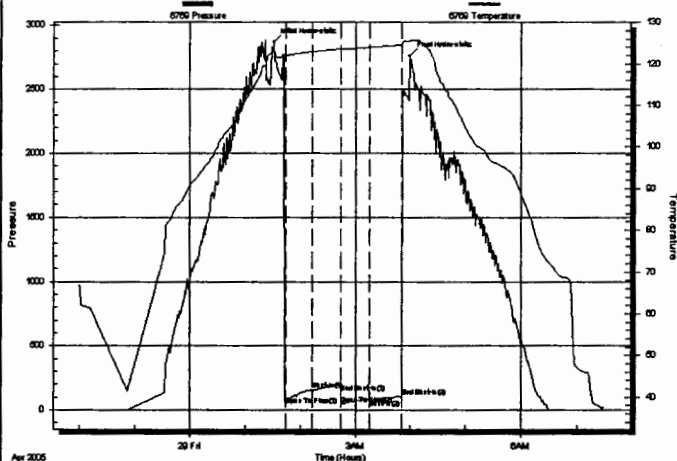
Last Calib.: **1899.12.30**

Time On Btm: **2005.04.29 @ 01:31:16**

Time Off Btm: **2005.04.29 @ 03:59:16**

TEST COMMENT: **F- Weak blow, built to 1 1/2 in. into bucket.**
ISI- No blow back.
FF- Weak surface blow, built to 1/2 in. into bucket.
FSI- no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2869.80	123.06	Initial Hydro-static
13	37.38	121.89	Open To Flow (1)
42	159.87	122.92	Shut-In(1)
73	200.65	123.60	End Shut-In(1)
74	44.02	123.55	Open To Flow (2)
104	87.05	123.99	Shut-In(2)
139	107.42	124.51	End Shut-In(2)
148	2761.35	125.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1000' GIP	0.00
40.00	5% gas, 95% mud.	0.20

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Eagle Creek Corp.

150 N. Main Suite 905 Wichita Ks. 97202

ATTN: Dave Callew aert

Geisinger 4-11

11/31s/31w

Job Ticket: 22478

DST#: 5

Test Start: 2005.04.28 @ 22:00:16

Tool Information

Drill Pipe:	Length: 5258.00 ft	Diameter: 3.80 inches	Volume: 73.76 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: 28000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 94000.00 lb
		Total Volume: 74.36 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	5380.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	86.00 ft			
Tool Length:	113.00 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			5354.00	
Shut In Tool	5.00			5359.00	
Hydraulic tool	5.00			5364.00	
Jars	5.00			5369.00	
Safety Joint	2.00			5371.00	
Packer	5.00			5376.00	27.00 Bottom Of Top Packer
Packer	4.00			5380.00	
Stubb	1.00			5381.00	
Perforations	12.00			5393.00	
Change Over Sub	1.00			5394.00	
Drill Pipe	62.00			5456.00	
Change Over Sub	1.00			5457.00	
Recorder	0.00	6769	Inside	5457.00	
Perforations	5.00			5462.00	
Recorder	0.00	6724	Outside	5462.00	
Bullnose	4.00			5466.00	86.00 Bottom Packers & Anchor
Total Tool Length:		113.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Eagle Creek Corp.

Geisinger 4-11

150 N. Main Suite 905 Wichita Ks. 97202

11/31s/31w

Job Ticket: 22478

DST#: 5

ATTN: Dave Callew aert

Test Start: 2005.04.28 @ 22:00:16

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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1000' GP	0.000
40.00	5% gas, 95% mud.	0.197

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6769

Eagle Creek Corp.

11/31s/31w

DST Test Number: 5

