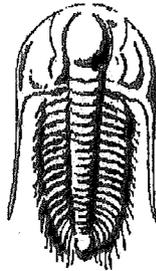


15-101-22245

10-16s-28w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Ste 940
Denver Colo ,80203

ATTN: Clayton Erickson

10-16s-28w Lane, KS

Dixon Guy 41-10

Start Date: 2010.06.25 @ 23:07:40

End Date: 2010.06.26 @ 05:30:25

Job Ticket #: 039133 DST #: 1

RECEIVED

JUL 26 2010

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Flatirons Resources LLC

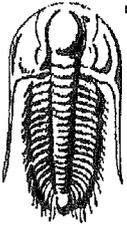
Dixon Guy 41-10

10-16s-28w Lane, KS

DST # 1

G-H

2010.06.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

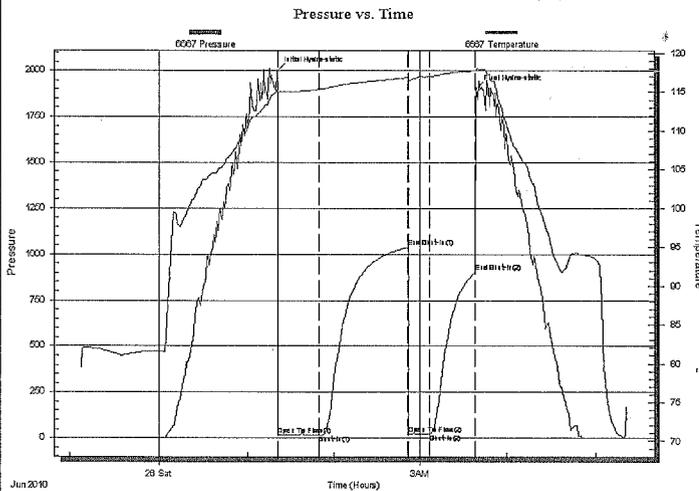
10-16s-28w Lane, KS
Job Ticket: 039133 DST#: 1
Test Start: 2010.06.25 @ 23:07:40

GENERAL INFORMATION:

Formation: **G-H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:21:25
 Time Test Ended: 05:30:25
 Interval: **3960.00 ft (KB) To 3995.00 ft (KB) (TVD)**
 Total Depth: 3995.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 40
 Reference Elevations: 2583.00 ft (KB)
 2578.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 Inside
 Press@RunDepth: 21.07 psig @ 3961.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.25 End Date: 2010.06.26 Last Calib.: 2010.06.26
 Start Time: 23:07:40 End Time: 05:20:25 Time On Btm: 2010.06.26 @ 01:21:10
 Time Off Btm: 2010.06.26 @ 03:39:10

TEST COMMENT: 1/4" in @ open died in 11 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

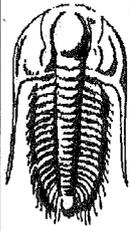
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2000.42	115.30	Initial Hydro-static
1	15.92	114.92	Open To Flow (1)
29	18.55	115.39	Shut-In(1)
91	1037.70	116.89	End Shut-In(1)
91	20.35	116.54	Open To Flow (2)
106	21.07	117.07	Shut-In(2)
138	905.27	117.78	End Shut-In(2)
138	1902.17	117.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

10-16s-28w Lane, KS

Job Ticket: 039133 **DST#: 1**

Test Start: 2010.06.25 @ 23:07:40

Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 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: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3960.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

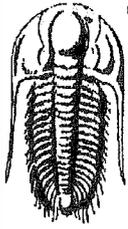
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3934.00	
Shut In Tool	5.00			3939.00	
Hydraulic tool	5.00			3944.00	
Jars	5.00			3949.00	
Safety Joint	2.00			3951.00	
Packer	5.00			3956.00	27.00 Bottom Of Top Packer
Packer	4.00			3960.00	
Stubb	1.00			3961.00	
Recorder	0.00	6771	Outside	3961.00	
Recorder	0.00	6667	Inside	3961.00	
Perforations	29.00			3990.00	
Bullnose	5.00			3995.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

10-16s-28w Lane, KS

Job Ticket: 039133 **DST#: 1**
Test Start: 2010.06.25 @ 23:07:40

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.54 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6667

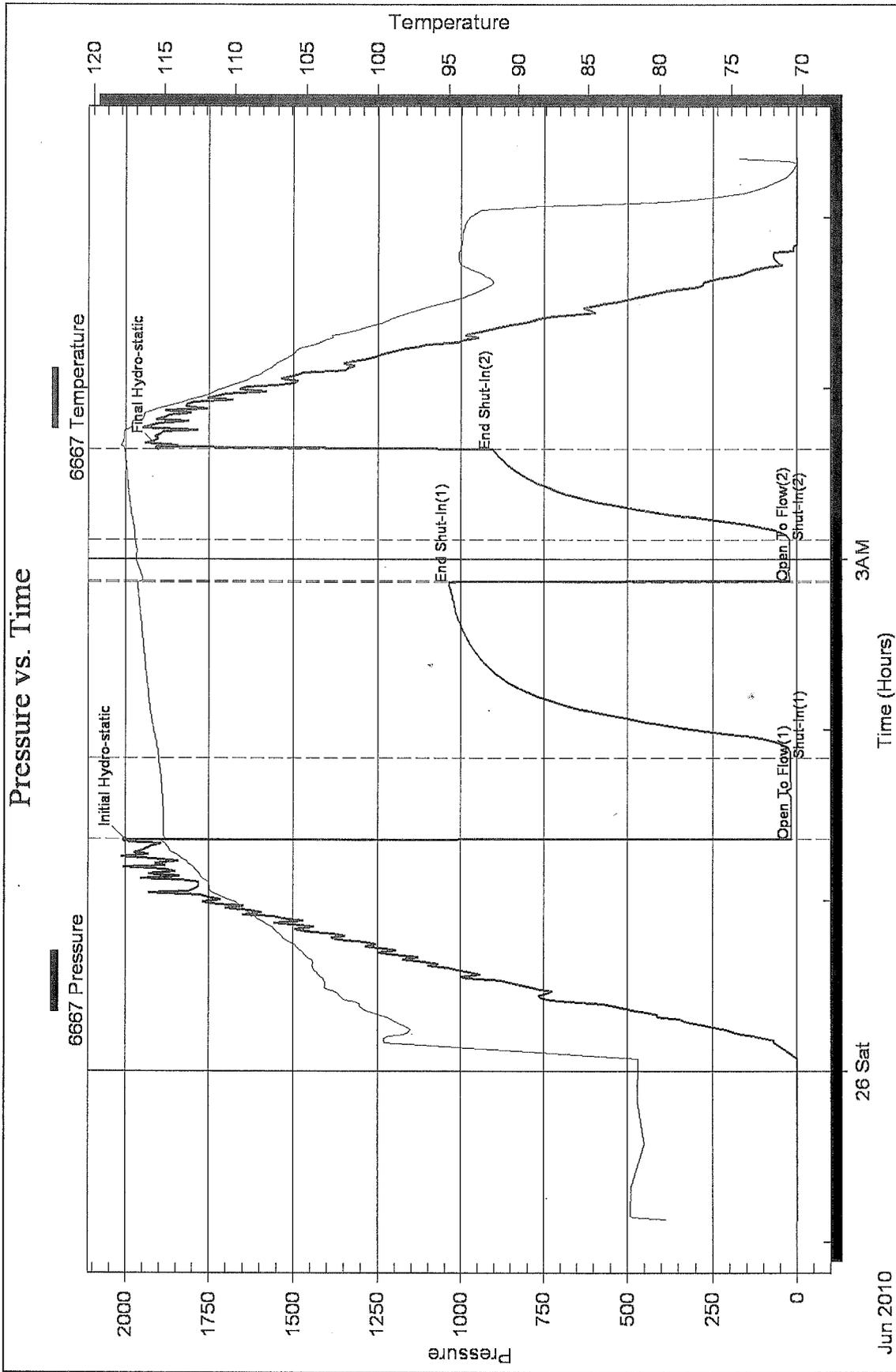
Inside

Flatrons Resources LLC

10-16s-28w Lane, KS

DST Test Number: 1

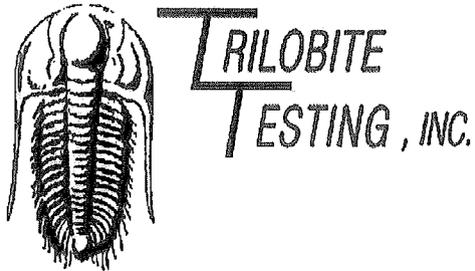
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 039133

Printed: 2010.07.13 @ 09:48:53 Page 5



DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Ste 940
Denver Colo ,80203

ATTN: Clayton Erickson

10-16s-28w Lane, KS

Dixon Guy 41-10

Start Date: 2010.06.26 @ 12:41:06

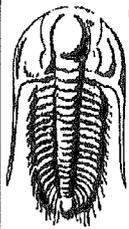
End Date: 2010.06.26 @ 18:20:06

Job Ticket #: 039134 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

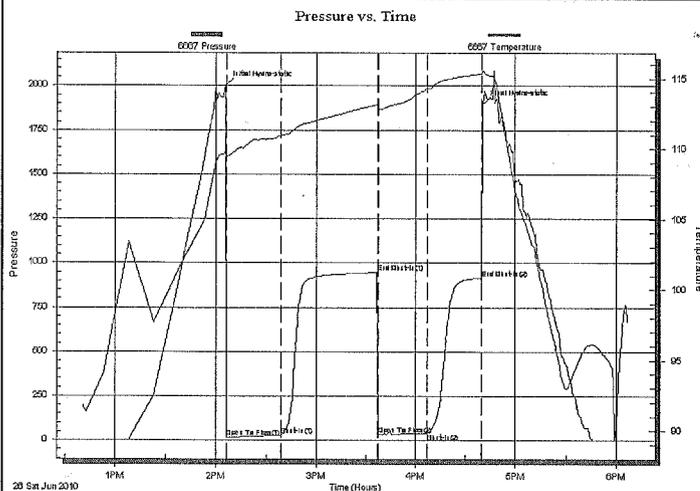
10-16s-28w Lane, KS
Job Ticket: 039134 DST#: 2
Test Start: 2010.06.26 @ 12:41:06

GENERAL INFORMATION:

Formation: **I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:06:06
 Time Test Ended: 18:20:06
 Interval: 3998.00 ft (KB) To 4030.00 ft (KB) (TVD)
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 40
 Reference Elevations: 2583.00 ft (KB)
 2578.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: **6667** Inside
 Press@RunDepth: 39.94 psig @ 3999.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.06.26 End Date: 2010.06.26 Last Calib.: 2010.06.26
 Start Time: 12:41:06 End Time: 18:07:06 Time On Btm: 2010.06.26 @ 14:05:51
 Time Off Btm: 2010.06.26 @ 16:40:36

TEST COMMENT: Weak blow died in 5 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

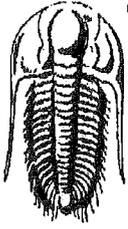
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2001.48	109.83	Initial Hydro-static
1	15.56	109.42	Open To Flow (1)
33	28.88	110.94	Shut-In(1)
91	946.65	113.15	End Shut-In(1)
92	31.19	112.83	Open To Flow (2)
121	39.94	114.29	Shut-In(2)
154	917.14	115.33	End Shut-In(2)
155	1901.07	115.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w/oil spots 100%m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

10-16s-28w Lane, KS

Job Ticket: 039134 **DST#: 2**
Test Start: 2010.06.26 @ 12:41:06

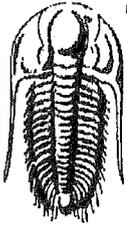
Tool Information

Drill Pipe:	Length: 3854.00 ft	Diameter: 3.80 inches	Volume: 54.06 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: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 54.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3998.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 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			3972.00	
Shut In Tool	5.00			3977.00	
Hydraulic tool	5.00			3982.00	
Jars	5.00			3987.00	
Safety Joint	2.00			3989.00	
Packer	5.00			3994.00	27.00 Bottom Of Top Packer
Packer	4.00			3998.00	
Stubb	1.00			3999.00	
Recorder	0.00	6771	Outside	3999.00	
Recorder	0.00	6667	Inside	3999.00	
Perforations	26.00			4025.00	
Bullnose	5.00			4030.00	32.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC
303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

Dixon Guy 41-10
10-16s-28w Lane, KS
Job Ticket: 039134 **DST#: 2**
Test Start: 2010.06.26 @ 12:41:06

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.53 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

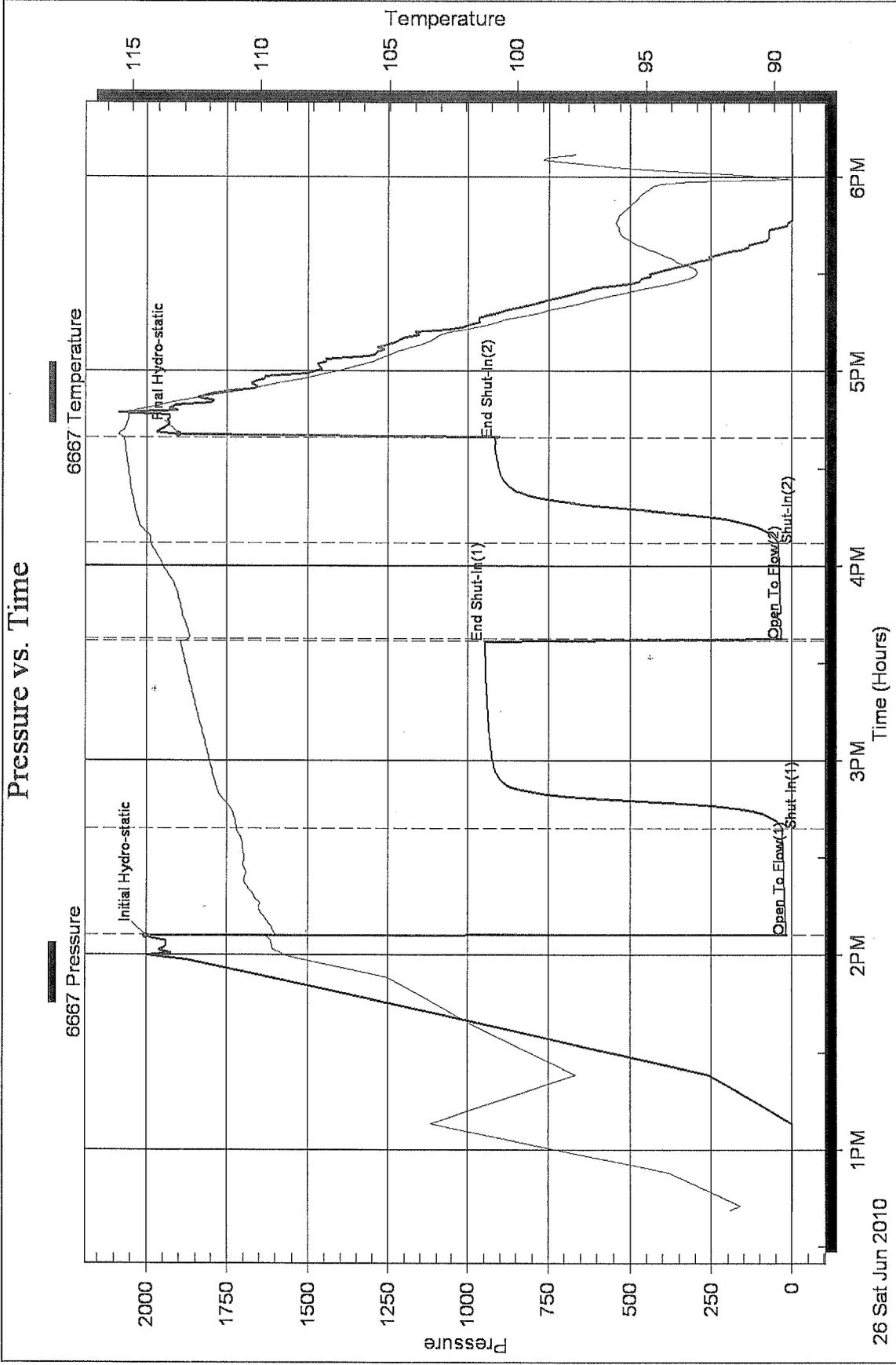
Recovery Information

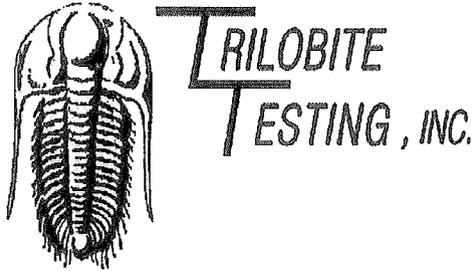
Recovery Table

Length ft	Description	Volume bbl
5.00	mud w/oil spots 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Ste 940
Denver Colo ,80203

ATTN: Clayton Erickson

10-16s-28w Lane, KS

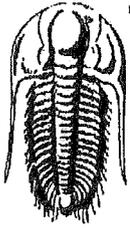
Dixon Guy 41-10

Start Date: 2010.06.26 @ 23:45:36

End Date: 2010.06.27 @ 07:40:06

Job Ticket #: 039135 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

10-16s-28w Lane, KS

Job Ticket: 039135

DST#: 3

Test Start: 2010.06.26 @ 23:45:36

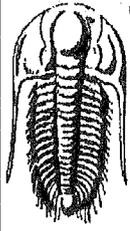
Tool Information

Drill Pipe:	Length: 3886.00 ft	Diameter: 3.80 inches	Volume: 54.51 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: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 55.11 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4030.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4004.00	
Shut In Tool	5.00			4009.00	
Hydraulic tool	5.00			4014.00	
Jars	5.00			4019.00	
Safety Joint	2.00			4021.00	
Packer	5.00			4026.00	27.00 Bottom Of Top Packer
Packer	4.00			4030.00	
Stubb	1.00			4031.00	
Recorder	0.00	6771	Outside	4031.00	
Recorder	0.00	6667	Inside	4031.00	
Perforations	19.00			4050.00	
Bullnose	5.00			4055.00	25.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC
303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

Dixon Guy 41-10
10-16s-28w Lane, KS
Job Ticket: 039135 **DST#: 3**
Test Start: 2010.06.26 @ 23:45:36

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	37 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	28000 ppm
Viscosity:	53.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.53 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3400.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	s m c w w/oil scum 5%m 95%w	0.590
55.00	m c w tr/of oil 50%m 50%w	0.753
10.00	free oil 100%o	0.140

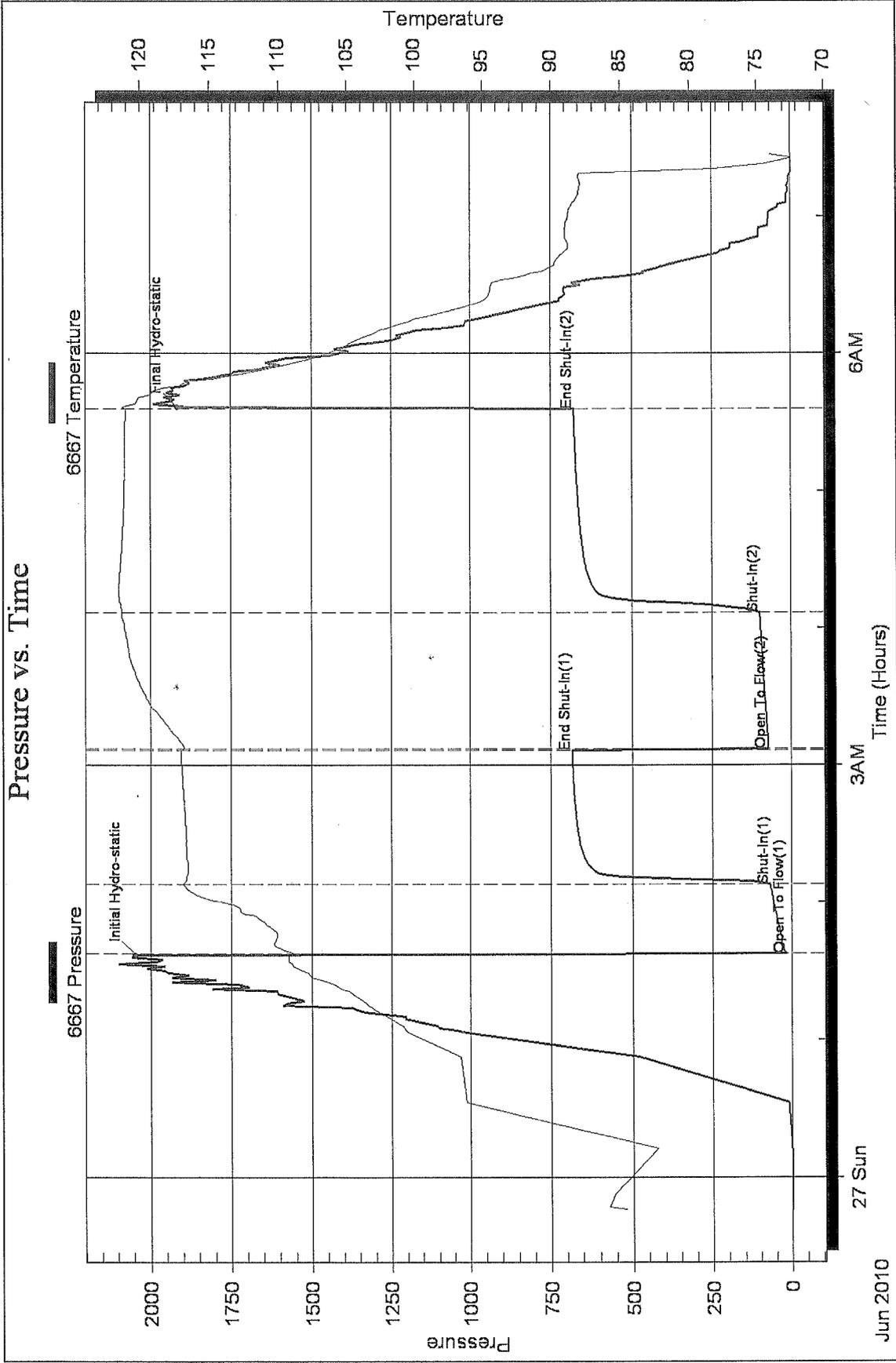
Total Length: 185.00 ft Total Volume: 1.483 bbl

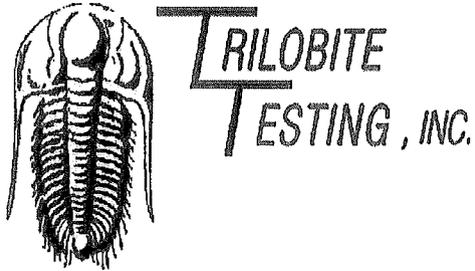
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .239 @ 74*f = 28,000 chlor

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Flatirons Resources LLC**

303 E 17th Ave
Ste 940
Denver Colo ,80203

ATTN: Clayton Erickson

10-16s-28w Lane, KS

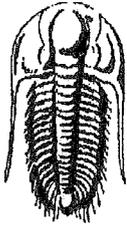
Dixon Guy 41-10

Start Date: 2010.06.27 @ 20:55:28

End Date: 2010.06.28 @ 02:20:43

Job Ticket #: 039136 DST #: 4

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Flatirons Resources LLC

Dixon Guy 41-10

303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

10-16s-28w Lane, KS

Job Ticket: 039136 **DST#: 4**
Test Start: 2010.06.27 @ 20:55:28

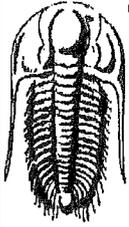
Tool Information

Drill Pipe:	Length: 4008.00 ft	Diameter: 3.80 inches	Volume: 56.22 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: 25000.00 lb
Drill Collar:	Length: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4130.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	72.00 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			4104.00	
Shut In Tool	5.00			4109.00	
Hydraulic tool	5.00			4114.00	
Jars	5.00			4119.00	
Safety Joint	2.00			4121.00	
Packer	5.00			4126.00	27.00 Bottom Of Top Packer
Packer	4.00			4130.00	
Stubb	1.00			4131.00	
Recorder	0.00	6771	Outside	4131.00	
Recorder	0.00	6667	Inside	4131.00	
Perforations	6.00			4137.00	
Change Over Sub	1.00			4138.00	
Drill Pipe	31.00			4169.00	
Change Over Sub	1.00			4170.00	
Bullnose	5.00			4175.00	45.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Flatirons Resources LLC
303 E 17th Ave
Ste 940
Denver Colo ,80203
ATTN: Clayton Erickson

Dixon Guy 41-10
10-16s-28w Lane, KS
Job Ticket: 039136 DST#: 4
Test Start: 2010.06.27 @ 20:55:28

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m w/oil spots	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

