

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

10 34 38 Stevens KS

Grace #2-10 'B' KCC

Start Date: 2007.09.11 @ 22:05:50

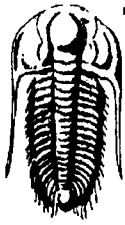
End Date: 2007.09.12 @ 09:05:45

Job Ticket #: 27871 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

Berexco Inc
PO Box 20380
Wichita KS 67208
ATTN: Chris Ott

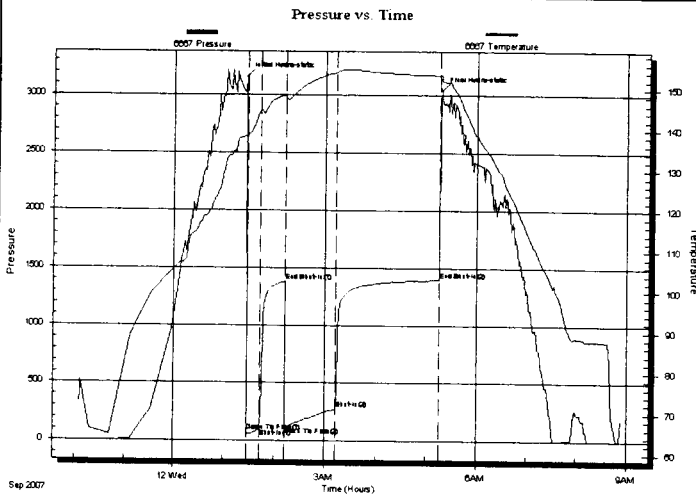
Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27871 **DST#: 1**
Test Start: 2007.09.11 @ 22:05:50

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:28:00
Time Test Ended: 09:05:45
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Interval: **6306.00 ft (KB) To 6341.00 ft (KB) (TVD)**
Reference Elevations: 3238.00 ft (KB)
Total Depth: 6341.00 ft (KB) (TVD) 3226.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

Serial #: 6667 Inside
Press@RunDepth: 274.91 psig @ 6307.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.11 End Date: 2007.09.12 Last Calib.: 2007.09.12
Start Time: 22:05:50 End Time: 08:53:45 Time On Btm: 2007.09.12 @ 01:27:30
Time Off Btm: 2007.09.12 @ 05:17:30

TEST COMMENT: BOB in 1 1/2 min.
1/2 " in return blow
BOB in 9 min.
3 1/2 " in return



PRESSURE SUMMARY

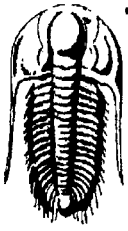
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3160.83	138.76	Initial Hydro-static
1	80.15	138.61	Open To Flow (1)
16	99.60	144.75	Shut-In(1)
46	1378.86	148.36	End Shut-In(1)
46	115.51	147.72	Open To Flow (2)
106	274.91	154.15	Shut-In(2)
229	1395.85	153.36	End Shut-In(2)
230	3045.36	153.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	100%W	2.13
100.00	GO & MCW 20%G 20%O 35%W 25%M	0.49
0.00	406 GIP	0.00

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc
PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27871 **DST#: 1**
Test Start: 2007.09.11 @ 22:05:50

Tool Information

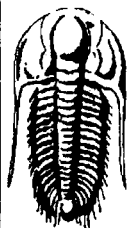
Drill Pipe:	Length: 5683.00 ft	Diameter: 3.80 inches	Volume: 79.72 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 624.00 ft	Diameter: 2.25 inches	Volume: 3.07 bbl	Weight to Pull Loose: 170000.0 lb
			Total Volume: 82.79 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 115000.0 lb
Depth to Top Packer:	6306.00 ft			Final 121000.0 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			6280.00	
Shut In Tool	5.00			6285.00	
Hydraulic tool	5.00			6290.00	
Jars	5.00			6295.00	
Safety Joint	2.00			6297.00	
Packer	5.00			6302.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	6306.00	
Stubb	1.00			6307.00	
Recorder	0.00	6667	Inside	6307.00	
Perforations	29.00			6336.00	
Recorder	0.00	11058	Inside	6336.00	
Bullnose	5.00			6341.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Grace #2-10

PO Box 20380
Wichita KS 67208

10 34 38 Stevens KS

ATTN: Chris Ott

Job Ticket: 27871

DST#: 1

Test Start: 2007.09.11 @ 22:05:50

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.19 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbbl

psig

Oil API:

Water Salinity:

0 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	100%W	2.134
100.00	GO & MCW 20%G 20%O 35%W 25%M	0.492
0.00	406 GIP	0.000

Total Length: 534.00 ft Total Volume: 2.626 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

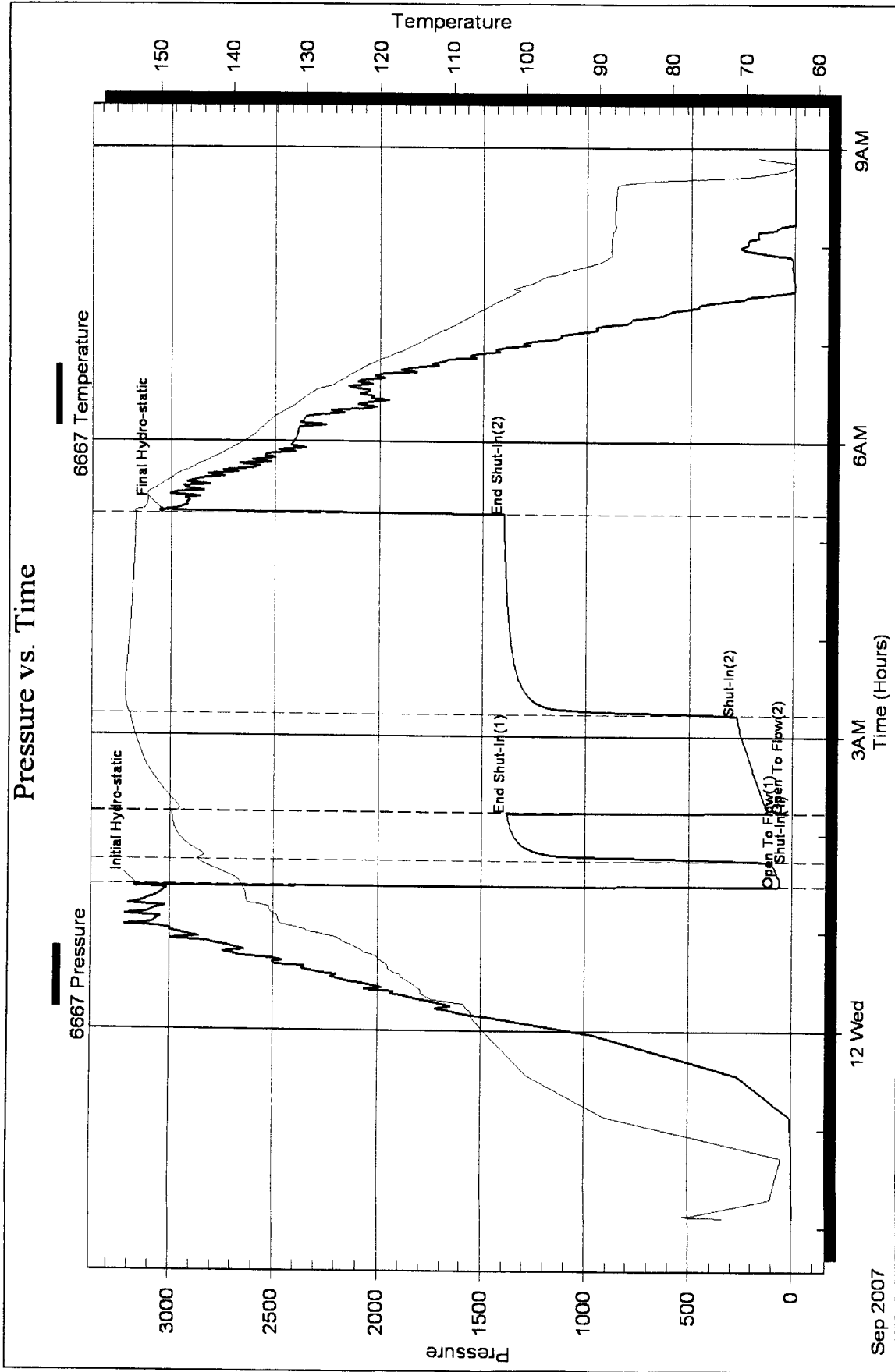
Serial #:

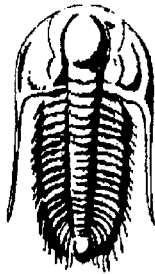
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .09 @ 65*f =100,000 chlor

Pressure vs. Time





**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

10 34 38 Stevens KS

Grace #2-10 'B' KCC

Start Date: 2007.09.14 @ 05:06:05

End Date: 2007.09.14 @ 12:13:44

Job Ticket #: 27253 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc

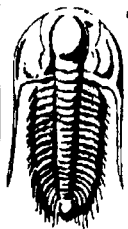
Grace #2-10

10 34 38 Stevens KS

DST # 2

Lower Morrow

2007.09.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco Inc

PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

Grace #2-10

10 34 38 Stevens KS

Job Ticket: 27253

DST#: 2

Test Start: 2007.09.14 @ 05:06:05

GENERAL INFORMATION:

Formation: **Lower Morrow**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 12:13:44

Test Type: Conventional Straddle
 Tester: Chris Hagman
 Unit No: 34

Interval: **6262.00 ft (KB) To 6274.00 ft (KB) (TVD)**
 Total Depth: 6480.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

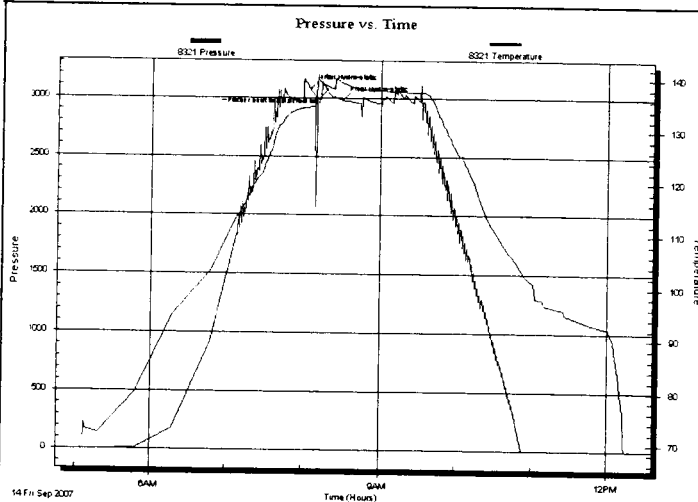
Reference Elevations: 3238.00 ft (KB)
 3226.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 8321 **Inside**

Press@RunDepth: psig @ 6264.00 ft (KB)
 Start Date: 2007.09.14 End Date: 2007.09.14
 Start Time: 05:06:05 End Time: 12:13:44

Capacity: 7000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2007.09.14 @ 08:05:00
 Time Off Btm: 2007.09.14 @ 08:30:00

TEST COMMENT: IF No packer seat tried twice pulled tool



PRESSURE SUMMARY

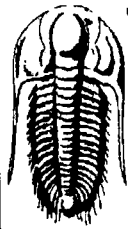
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3075.78	134.62	Initial Hydro-static
13	3064.15	138.68	--Packer seat failed pulled tool
25	2979.92	139.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc
PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27253 **DST#:2**
Test Start: 2007.09.14 @ 05:06:05

Tool Information

Drill Pipe:	Length: 5626.00 ft	Diameter: 3.80 inches	Volume: 78.92 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: 626.00 ft	Diameter: 2.25 inches	Volume: 3.08 bbl	Weight to Pull Loose: 140000.0 lb
		Total Volume:	82.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 130000.0 lb
Depth to Top Packer:	6262.00 ft			Final 130000.0 lb
Depth to Bottom Packer:	6270.00 ft			
Interval between Packers:	8.00 ft			
Tool Length:	246.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			6235.00	
Shut In Tool	5.00			6240.00	
Hydraulic tool	5.00			6245.00	
Jars	5.00			6250.00	
Safety Joint	3.00			6253.00	
Packer	5.00			6258.00	28.00 Bottom Of Top Packer
Packer	4.00			6262.00	
Stubb	1.00			6263.00	
Perforations	1.00			6264.00	
Recorder	0.00	8321	Inside	6264.00	
Perforations	5.00			6269.00	
Blank Off Sub	1.00			6270.00	8.00 Tool Interval
Packer	4.00			6274.00	
Stubb	1.00			6275.00	
Perforations	14.00			6289.00	
Change Over Sub	1.00			6290.00	
Drill Pipe	186.00			6476.00	
Change Over Sub	1.00			6477.00	
Recorder	0.00	13630	Inside	6477.00	
Bullnose	3.00			6480.00	210.00 Bottom Packers & Anchor

Total Tool Length: 246.00



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FLUID SUMMARY

Berexco Inc
PO Box 20380
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ATTN: Chris Ott

Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27253 **DST#: 2**
Test Start: 2007.09.14 @ 05:06:05

Mud and Cushion Information

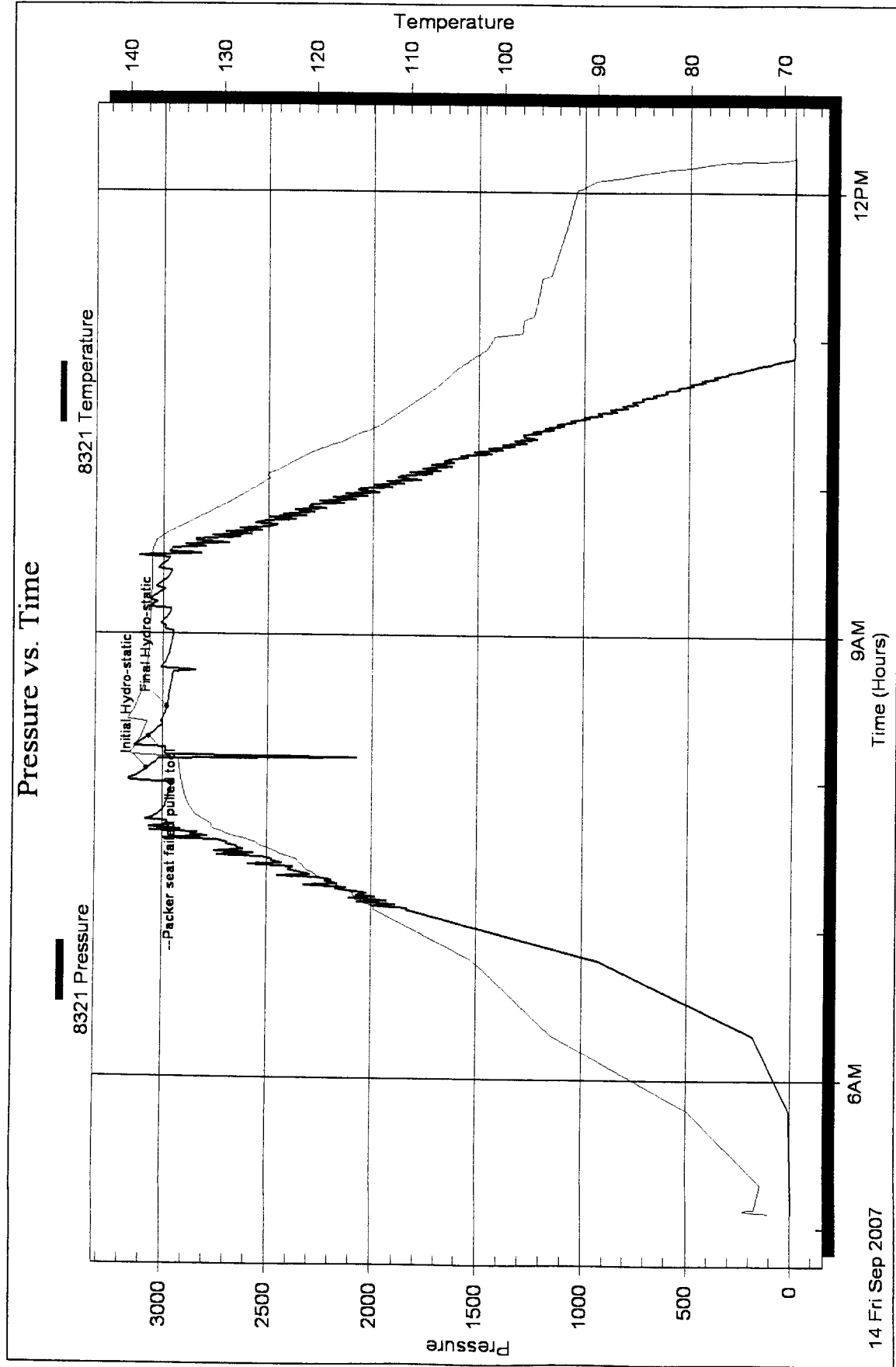
Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	54.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.18 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	inches				

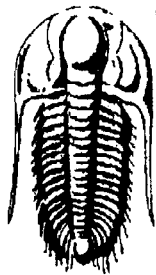
Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

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





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DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

10 34 38 Stevens KS

Grace #2-10 'B' KCC

Start Date: 2007.09.14 @ 12:21:59

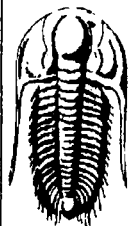
End Date: 2007.09.15 @ 00:51:39

Job Ticket #: 27254 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

Berexco Inc
 PO Box 20380
 Wichita KS 67208
 ATTN: Chris Ott

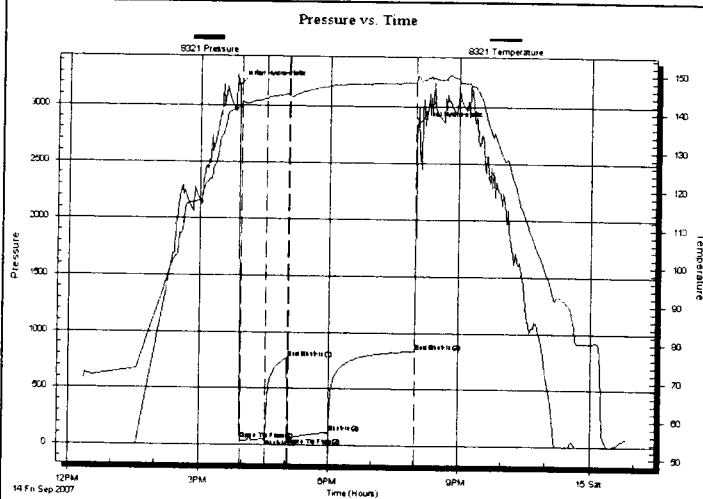
Grace #2-10
10 34 38 Stevens KS
 Job Ticket: 27254 **DST#: 3**
 Test Start: 2007.09.14 @ 12:21:59

GENERAL INFORMATION:

Formation: **Lower Morrow**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 15:56:54
 Time Test Ended: 00:51:39
 Interval: **6271.00 ft (KB) To 6283.00 ft (KB) (TVD)**
 Total Depth: **6480.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Straddle**
 Tester: **Chris Hagman**
 Unit No: **34**
 Reference Elevations: **3238.00 ft (KB)**
 3226.00 ft (CF)
 KB to GR/CF: **12.00 ft**

Serial #: 8321 Inside
 Press@RunDepth: **113.02 psig @ 6273.00 ft (KB)**
 Start Date: **2007.09.14** End Date: **2007.09.15**
 Start Time: **12:21:59** End Time: **00:51:39**
 Capacity: **7000.00 psig**
 Last Calib.: **1899.12.30**
 Time On Btm: **2007.09.14 @ 15:54:39**
 Time Off Btm: **2007.09.14 @ 20:02:53**

TEST COMMENT: IF BOB 30 sec. GTS 20 min. strong steady blow
 ISI No blow back
 FF BOB GTS ASAO strong steady blow
 FSI No blow back



PRESSURE SUMMARY

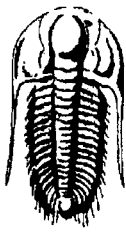
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3189.29	141.66	Initial Hydro-static
3	46.50	142.40	Open To Flow (1)
38	56.78	143.64	Shut-In(1)
68	772.56	144.80	End Shut-In(1)
69	68.00	144.62	Open To Flow (2)
126	113.02	147.02	Shut-In(2)
247	839.63	148.08	End Shut-In(2)
249	2836.42	149.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
186.00	WM 40%W 60%M	0.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.00	5.76
Last Gas Rate	0.13	1.00	5.76
Max. Gas Rate	0.13	1.00	5.76



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc
PO Box 20380
Wichita KS 67208

ATTN: Chris Ott

Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27254 **DST#: 3**
Test Start: 2007.09.14 @ 12:21:59

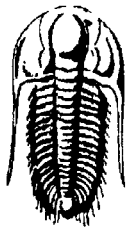
Tool Information

Drill Pipe:	Length: 5626.00 ft	Diameter: 3.80 inches	Volume: 78.92 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: 626.00 ft	Diameter: 2.25 inches	Volume: 3.08 bbl	Weight to Pull Loose: 260000.0 lb
			<u>Total Volume: 82.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 120000.0 lb
Depth to Top Packer:	6271.00 ft			Final 120000.0 lb
Depth to Bottom Packer:	6279.00 ft			
Interval between Packers:	8.00 ft			
Tool Length:	237.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:
Graphs did not match, Good straddle

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			6244.00	
Shut In Tool	5.00			6249.00	
Hydraulic tool	5.00			6254.00	
Jars	5.00			6259.00	
Safety Joint	3.00			6262.00	
Packer	5.00			6267.00	28.00 Bottom Of Top Packer
Packer	4.00			6271.00	
Stubb	1.00			6272.00	
Perforations	1.00			6273.00	
Recorder	0.00	8321	Inside	6273.00	
Perforations	5.00			6278.00	
Blank Off Sub	1.00			6279.00	8.00 Tool Interval
Packer	4.00			6283.00	
Stubb	1.00			6284.00	
Perforations	5.00			6289.00	
Change Over Sub	1.00			6290.00	
Recorder	0.00	13759	Below	6290.00	
Drill Pipe	186.00			6476.00	
Change Over Sub	1.00			6477.00	
Bullnose	3.00			6480.00	201.00 Bottom Packers & Anchor

Total Tool Length: 237.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc

Grace #2-10

PO Box 20380
Wichita KS 67208

10 34 38 Stevens KS

Job Ticket: 27254 **DST#: 3**

ATTN: Chris Ott

Test Start: 2007.09.14 @ 12:21:59

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:	6500 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

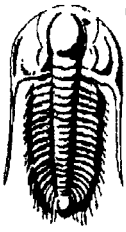
Length ft	Description	Volume bbl
186.00	VM 40%W 60%M	0.915

Total Length: 186.00 ft Total Volume: 0.915 bbl

Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraway Laboratory Location: Liberal, KS

Recovery Comments: RW=.875@71F=6500ppm



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Berexco Inc
PO Box 20380
Wichita KS 67208
ATTN: Chris Ott

Grace #2-10
10 34 38 Stevens KS
Job Ticket: 27254 **DST#: 3**
Test Start: 2007.09.14 @ 12:21:59

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 ³ /d)
2	10	0.13	1.00	5.76
2	20	0.13	1.00	5.76
2	30	0.13	1.00	5.76
2	40	0.13	1.00	5.76
2	50	0.13	1.00	5.76
2	60	0.13	1.00	5.76

Serial #: 8321

Inside

Berexco Inc

10 34 38 Stevens KS

DST Test Number: 3

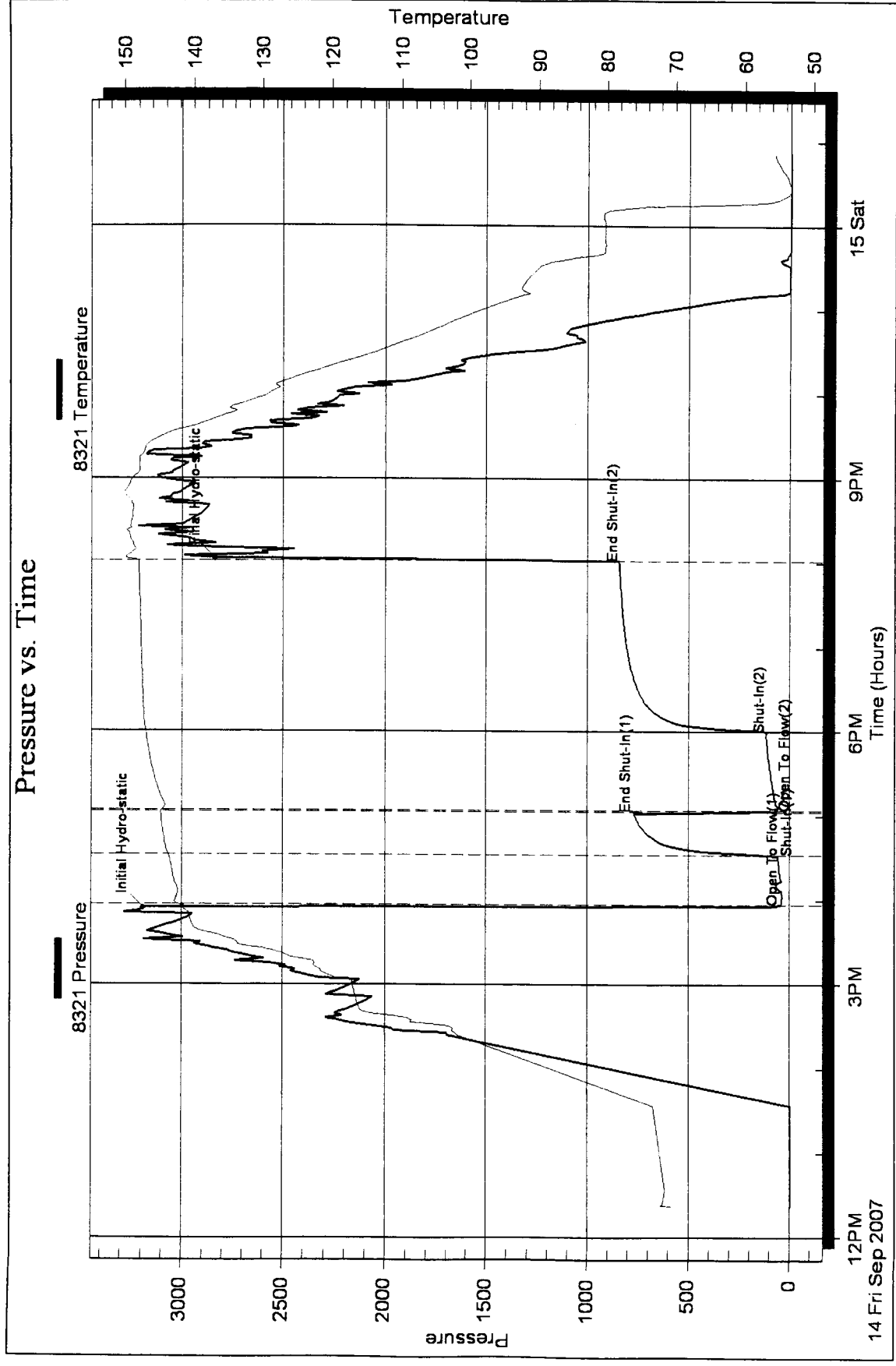


CHART PAGE

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

