

**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

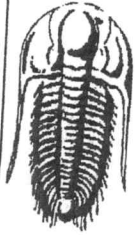
**Cutter #7**

Start Date: 2007.01.18 @ 02:30:18

End Date: 2007.01.18 @ 12:09:48

Job Ticket #: 25715      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  
 Box 20380  
 Wichita KS 67208  
 ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
 Job Ticket: 25715      DST#: 1  
 Test Start: 2007.01.18 @ 02:30:18

## GENERAL INFORMATION:

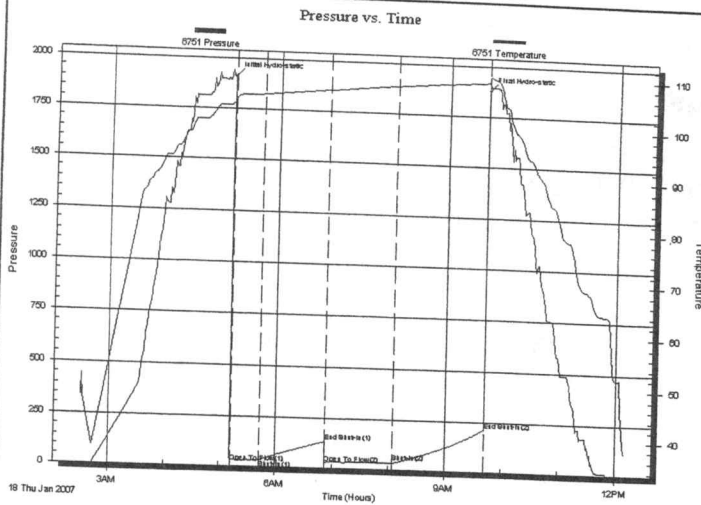
Formation: **Lansing B**  
 Deviated: No Whipstock:      ft (KB)  
 Time Tool Opened: 05:11:33  
 Time Test Ended: 12:09:48  
 Interval: **4050.00 ft (KB) To 4092.00 ft (KB) (TVD)**  
 Total Depth: 4092.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Reference Elevations: 2921.00 ft (KB)  
 2909.00 ft (CF)  
 KB to GR/CF: 12.00 ft

**Serial #: 6751**      **Inside**  
 Press@RunDepth: 35.34 psig @ 4085.00 ft (KB)  
 Start Date: 2007.01.18      End Date: 2007.01.18  
 Start Time: 02:30:19      End Time: 12:09:48

Capacity: 7000.00 psig  
 Last Calib.: 1899.12.30  
 Time On Btm: 2007.01.18 @ 05:10:48  
 Time Off Btm: 2007.01.18 @ 09:41:18

**TEST COMMENT:** IF Weak building blow 5" in bucket  
 ISI No blow back  
 FF Weak building blow 3" in bucket  
 FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1912.29	103.51	Initial Hydro-static
1	19.11	103.31	Open To Flow (1)
32	31.06	105.34	Shut-In (1)
102	133.62	106.55	End Shut-In (1)
102	24.94	106.49	Open To Flow (2)
174	35.34	107.72	Shut-In (2)
271	211.27	108.93	End Shut-In (2)
271	1879.36	109.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
40.00	trace of condensate 5%G 95%M	0.20

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25715

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2007.01.18 @ 02:30:18

**Tool Information**

Drill Pipe:	Length: 3669.00 ft	Diameter: 3.80 inches	Volume: 51.47 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 74000.00 lb
			<u>Total Volume: 53.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4050.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	70.00 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			4023.00	
Shut In Tool	5.00			4028.00	
Hydraulic tool	5.00			4033.00	
Jars	5.00			4038.00	
Safety Joint	3.00			4041.00	
Packer	5.00			4046.00	28.00 Bottom Of Top Packer
Packer	4.00			4050.00	
Stubb	1.00			4051.00	
Perforations	1.00			4052.00	
Change Over Sub	1.00			4053.00	
Drill Pipe	31.00			4084.00	
Change Over Sub	1.00			4085.00	
Recorder	0.00	6751	Inside	4085.00	
Perforations	3.00			4088.00	
Recorder	0.00	11018	Inside	4088.00	
Bullnose	4.00			4092.00	42.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>70.00</b>				



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25715

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2007.01.18 @ 02:30:18

## 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: 38.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.90 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	trace of condensate 5%G 95%M	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:

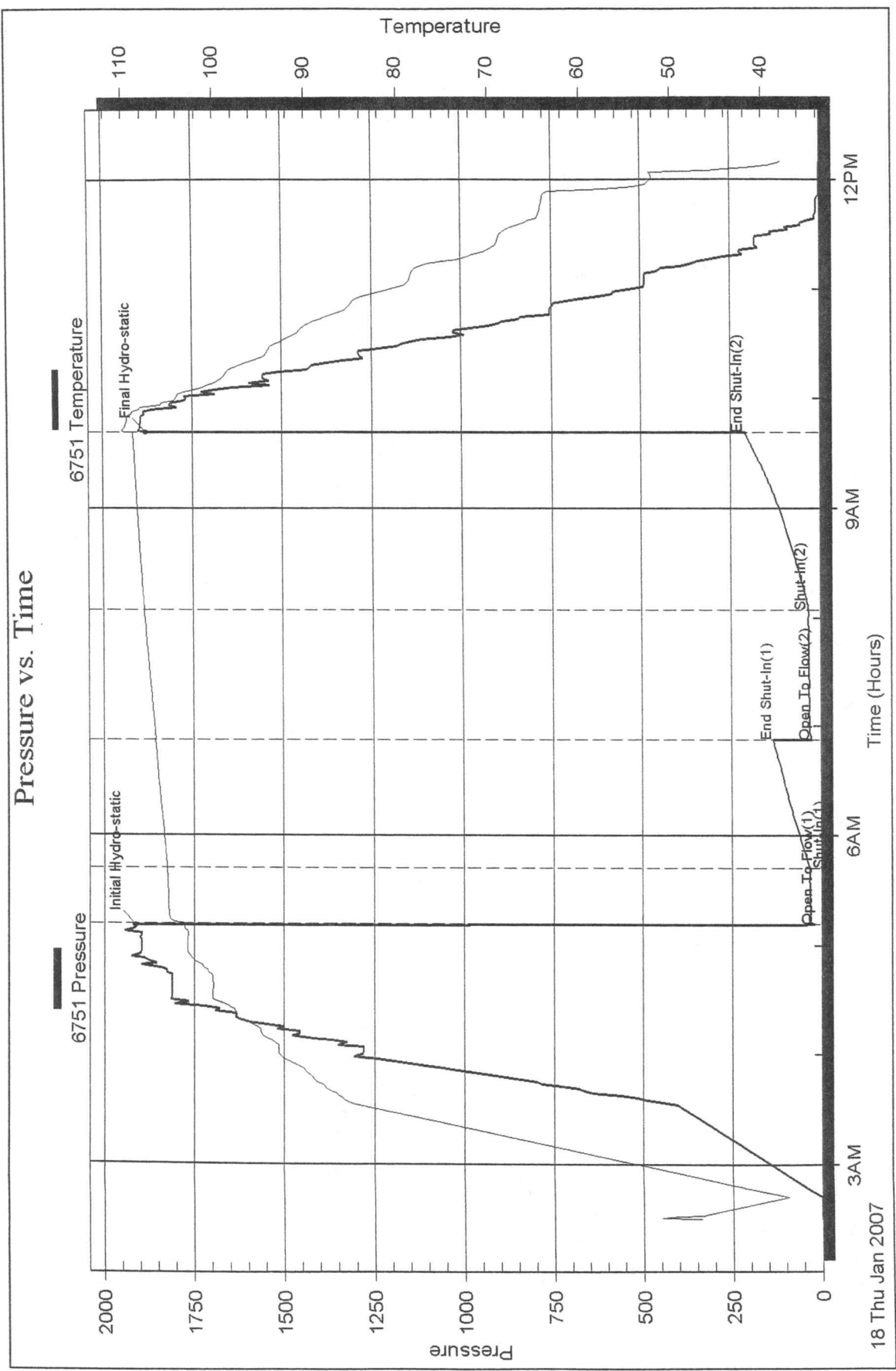
Serial #: 6751

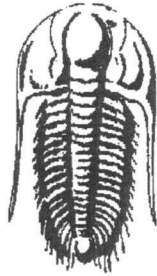
Inside

Berexco Inc

1 31 35 Stevens KS

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.19 @ 12:45:28

End Date: 2007.01.19 @ 21:37:43

Job Ticket #: 25716                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc

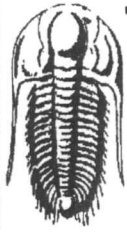
Cutter #7

1 31 35 Stevens KS

DST # 2

Kansas City A

2007.01.19



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Berexco Inc  
 Box 20380  
 Wichita KS 67208  
 ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
 Job Ticket: 25716      **DST#: 2**  
 Test Start: 2007.01.19 @ 12:45:28

**GENERAL INFORMATION:**

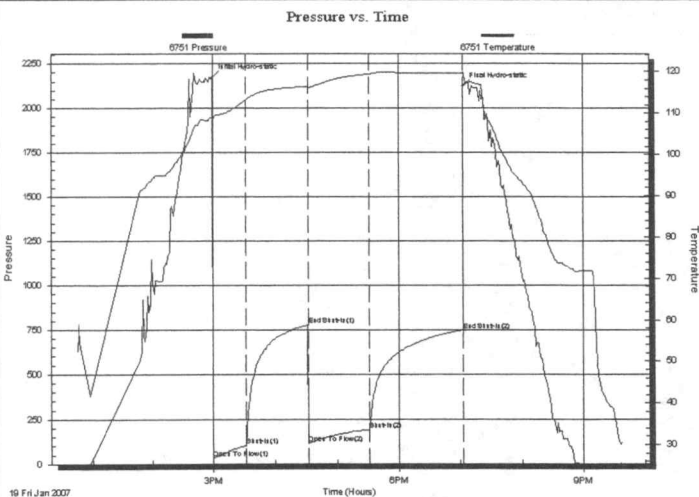
Formation: **Kansas City A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:59:58  
 Time Test Ended: 21:37:43  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Interval: **4535.00 ft (KB) To 4560.00 ft (KB) (TVD)**  
 Reference Elevations: 2921.00 ft (KB)  
 Total Depth: 4560.00 ft (KB) (TVD) 2909.00 ft (CF)  
 Hole Diameter: 7.78 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

**Serial #: 6751**

**Inside**

Press@RunDepth: 190.97 psig @ 4537.00 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2007.01.19 End Date: 2007.01.19 Last Calib.: 1899.12.30  
 Start Time: 12:45:29 End Time: 21:37:43 Time On Btm: 2007.01.19 @ 14:58:58  
 Time Off Btm: 2007.01.19 @ 19:03:13

**TEST COMMENT:** IF Good blow BOB 1 1/2 min. NO GTS  
 ISI No blow back  
 FF Weaker blow BOB 40 min. NO GTS  
 FSI No blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.33	109.03	Initial Hydro-static
1	33.15	108.77	Open To Flow (1)
33	103.02	112.99	Shut-In (1)
93	777.70	116.37	End Shut-In (1)
94	112.28	116.16	Open To Flow (2)
152	190.97	119.40	Shut-In (2)
244	745.51	119.56	End Shut-In (2)
245	2122.32	119.90	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
100.00	5%O 5%W 90%M	0.49
260.00	5%M 95%W	1.30

**Gas Rates**

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



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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

ATTN: Bryan Bynog

Job Ticket: 25716

**DST#: 2**

Test Start: 2007.01.19 @ 12:45:28

### Tool Information

Drill Pipe:	Length: 4167.00 ft	Diameter: 3.80 inches	Volume: 58.45 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 79000.00 lb
			<u>Total Volume: 60.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4535.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			4508.00	
Shut In Tool	5.00			4513.00	
Hydraulic tool	5.00			4518.00	
Jars	5.00			4523.00	
Safety Joint	3.00			4526.00	
Packer	5.00			4531.00	28.00 Bottom Of Top Packer
Packer	4.00			4535.00	
Stubb	1.00			4536.00	
Perforations	1.00			4537.00	
Recorder	0.00	6751	Inside	4537.00	
Perforations	19.00			4556.00	
Recorder	0.00	11018	Inside	4556.00	
Bullnose	4.00			4560.00	25.00 Bottom Packers & Anchor

**Total Tool Length: 53.00**



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25716

**DST#: 2**

ATTN: Bryan Bynog

Test Start: 2007.01.19 @ 12:45:28

### 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:

31000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.13 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	5%O 5%W 90%M	0.492
260.00	5%M 95%W	1.297

Total Length: 360.00 ft      Total Volume: 1.789 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

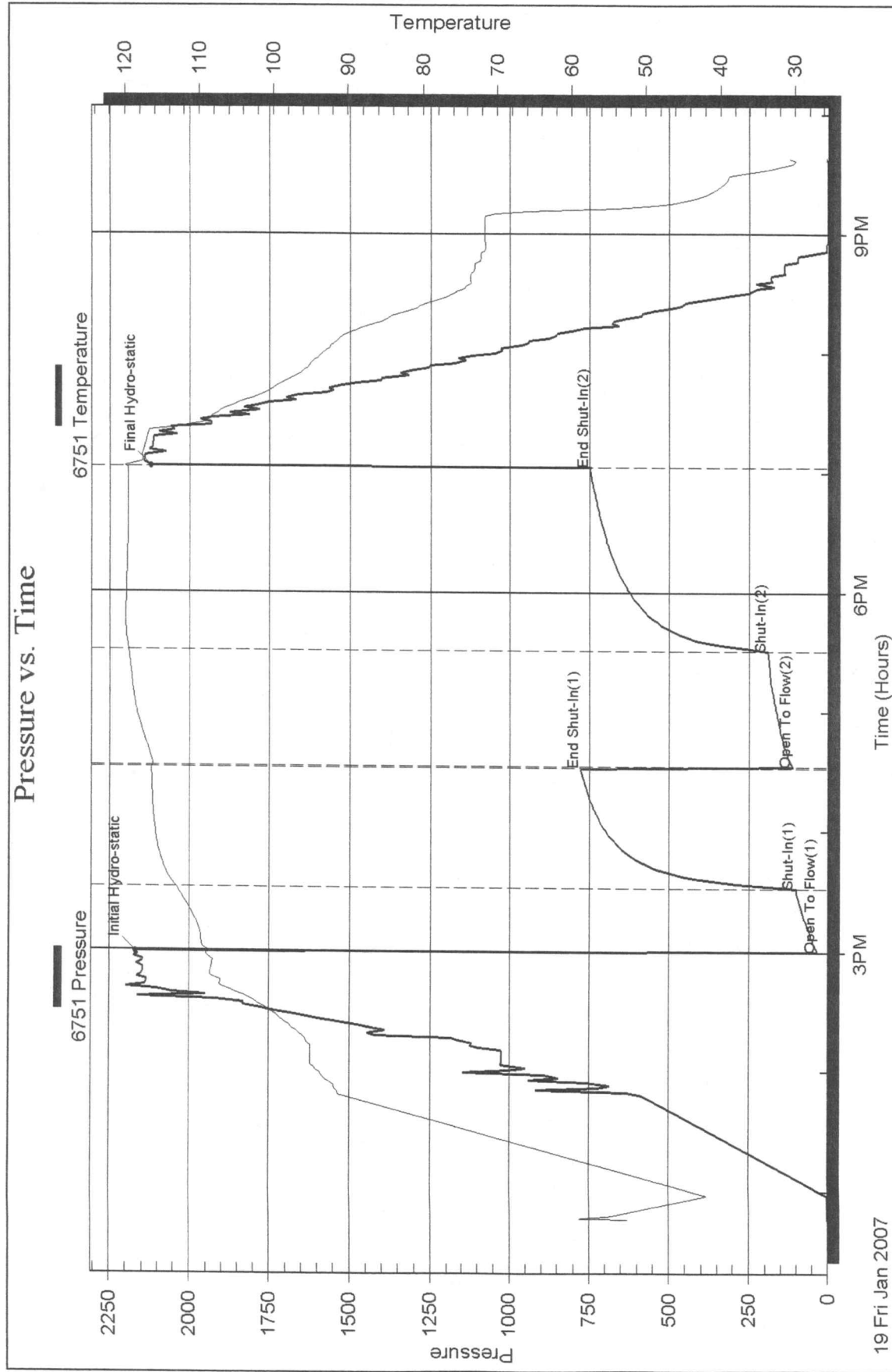
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





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## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.20 @ 09:00:25

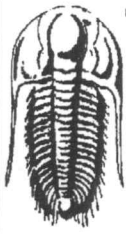
End Date: 2007.01.20 @ 18:59:55

Job Ticket #: 25717                      DST #: 3

Trilobite Testing, Inc

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# DRILL STEM TEST REPORT

Berexco Inc  
 Box 20380  
 Wichita KS 67208  
 ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
 Job Ticket: 25717      **DST#: 3**  
 Test Start: 2007.01.20 @ 09:00:25

## GENERAL INFORMATION:

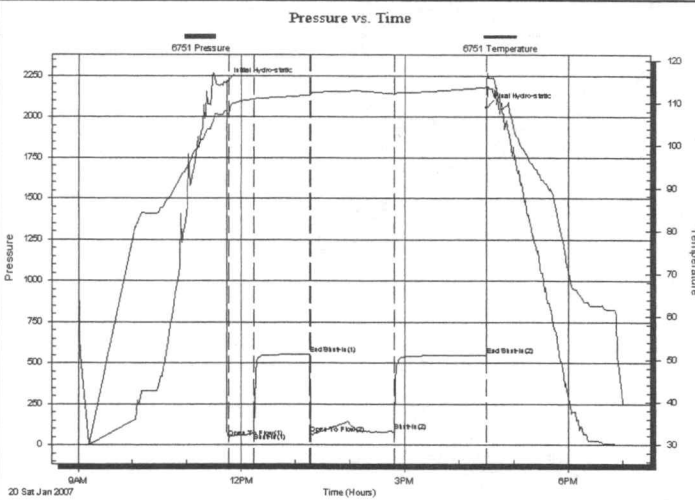
Formation: **KC B**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 11:46:10  
 Time Test Ended: 18:59:55  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Interval: **4565.00 ft (KB) To 4625.00 ft (KB) (TVD)**  
 Reference Elevations: 2921.00 ft (KB)  
 Total Depth: 4625.00 ft (KB) (TVD)      2909.00 ft (CF)  
 Hole Diameter: 7.78 inches      Hole Condition: Fair      KB to GR/CF: 12.00 ft

## Serial #: 6751

Inside

Press@RunDepth: 83.36 psig @ 4600.00 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2007.01.20      End Date: 2007.01.20      Last Calib.: 1899.12.30  
 Start Time: 09:00:26      End Time: 18:59:55      Time On Btm: 2007.01.20 @ 11:44:40  
 Time Off Btm: 2007.01.20 @ 16:30:10

TEST COMMENT: IF Strong blow BOB 1 min GTS 15 min TSTM  
 ISI No blow back  
 FF BOB GTS ASAO  
 FSI Weak surface blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2209.64	108.17	Initial Hydro-static
2	45.47	107.30	Open To Flow (1)
30	76.45	110.90	Shut-In(1)
91	553.44	111.87	End Shut-In(1)
93	64.63	112.26	Open To Flow (2)
184	83.36	112.08	Shut-In(2)
286	550.27	113.71	End Shut-In(2)
286	2056.58	114.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
190.00	100%M	0.93

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	21.00	56.16
Last Gas Rate	0.50	11.00	171.34
Max. Gas Rate	0.25	55.00	110.10



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**Cutter #7**

**1 31 35 Stevens KS**

Job Ticket: 25717

**DST#: 3**

Test Start: 2007.01.20 @ 09:00:25

### Tool Information

Drill Pipe:	Length: 4194.00 ft	Diameter: 3.80 inches	Volume: 58.83 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 76000.00 lb
Depth to Top Packer:	4565.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 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			4538.00	
Shut In Tool	5.00			4543.00	
Hydraulic tool	5.00			4548.00	
Jars	5.00			4553.00	
Safety Joint	3.00			4556.00	
Packer	5.00			4561.00	28.00 Bottom Of Top Packer
Packer	4.00			4565.00	
Stubb	1.00			4566.00	
Perforations	1.00			4567.00	
Change Over Sub	1.00			4568.00	
Drill Pipe	31.00			4599.00	
Change Over Sub	1.00			4600.00	
Recorder	0.00	6751	Inside	4600.00	
Perforations	21.00			4621.00	
Recorder	0.00	11018	Inside	4621.00	
Bullnose	4.00			4625.00	60.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>88.00</b>				



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25717

**DST#: 3**

ATTN: Bryan Bynog

Test Start: 2007.01.20 @ 09:00:25

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 41.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.14 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	100%M	0.934

Total Length: 190.00 ft      Total Volume: 0.934 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Berexco Inc  
Box 20380  
Wichita KS 67208

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25717      **DST#: 3**  
Test Start: 2007.01.20 @ 09:00:25

ATTN: Bryan Bynog

## 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)
2	10	0.25	21.00	56.16
2	10	0.25	21.00	56.16
2	20	0.25	37.00	81.54
2	30	0.25	55.00	110.10
2	40	0.50	10.00	164.60
2	50	0.50	11.00	171.34
2	60	0.50	11.00	171.34
2	70	0.50	11.00	171.34
2	80	0.50	11.00	171.34

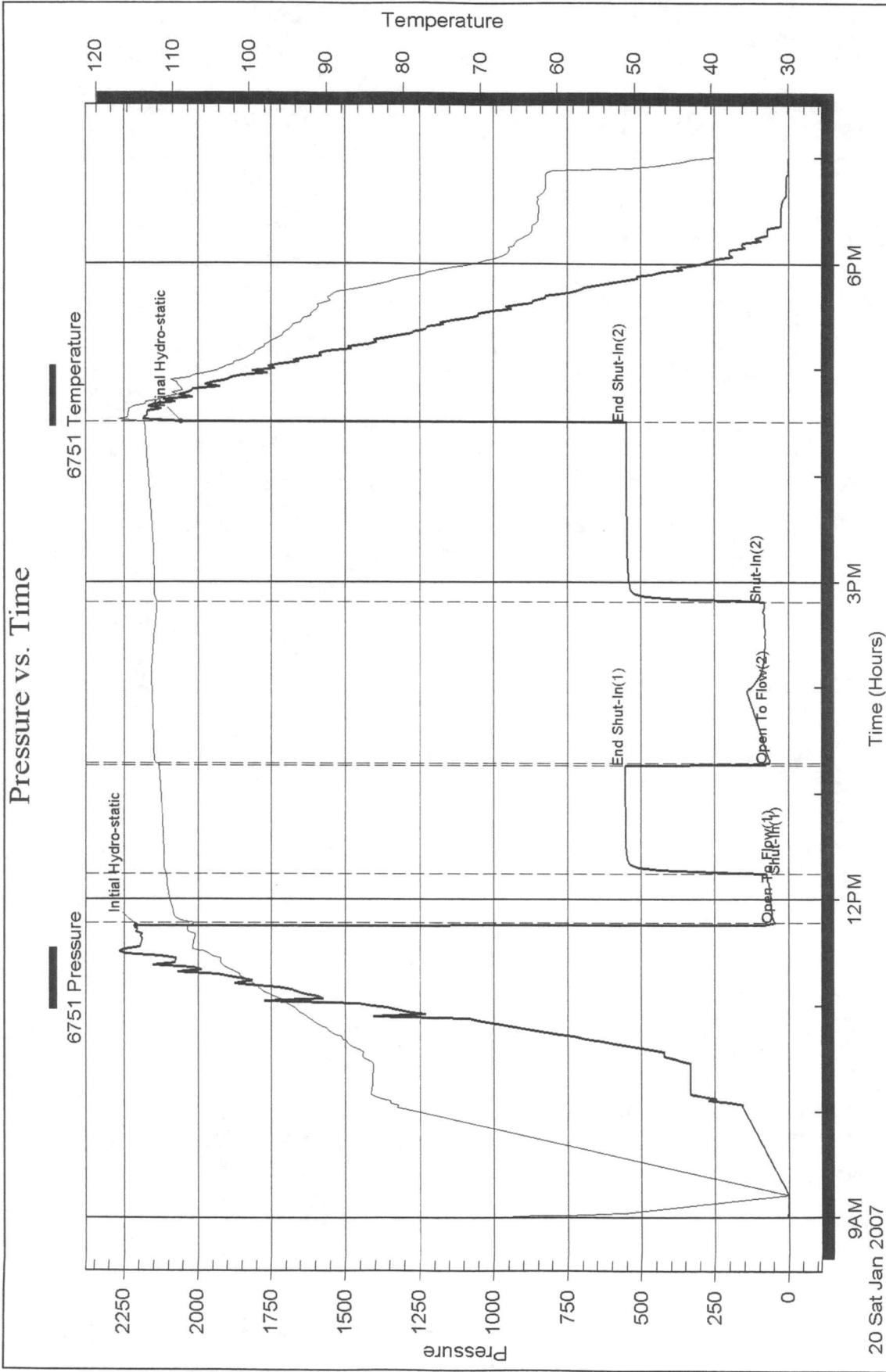
Serial #: 6751

Inside

Berexco Inc

1 31 35 Stevens KS

DST Test Number: 3





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

### **Cutter #7**

Start Date: 2007.01.21 @ 07:37:23

End Date: 2007.01.21 @ 16:18:23

Job Ticket #: 25718                      DST #: 4

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  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25718      **DST#: 4**  
Test Start: 2007.01.21 @ 07:37:23

## GENERAL INFORMATION:

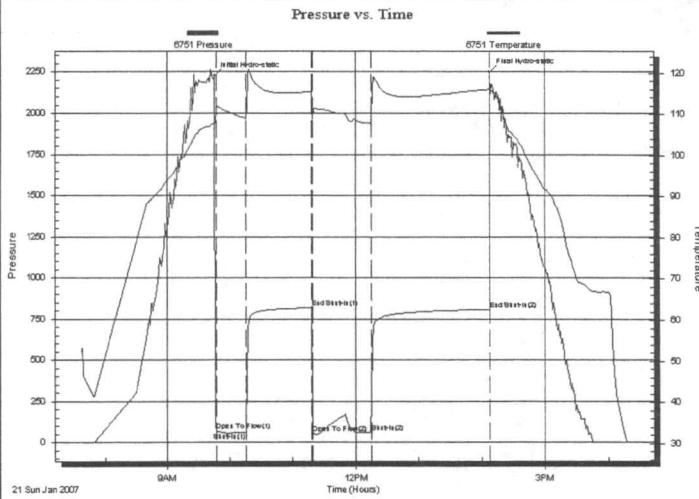
Formation: **Marmaton A**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:47:08  
Time Test Ended: 16:18:23  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Interval: **4665.00 ft (KB) To 4710.00 ft (KB) (TVD)**  
Reference Elevations: 2921.00 ft (KB)  
Total Depth: 4710.00 ft (KB) (TVD)                      2909.00 ft (CF)  
Hole Diameter: 7.78 inches Hole Condition: Fair                      KB to GR/CF: 12.00 ft

## Serial #: 6751

Inside

Press@RunDepth: 60.65 psig @ 4700.00 ft (KB)                      Capacity: 7000.00 psig  
Start Date: 2007.01.21                      End Date: 2007.01.21                      Last Calib.: 1899.12.30  
Start Time: 07:37:24                      End Time: 16:18:23                      Time On Btm: 2007.01.21 @ 09:45:23  
Time Off Btm: 2007.01.21 @ 14:07:08

TEST COMMENT: IF Strong blow BOB ASAO GTS 5 min  
ISI NO blow back  
FF BOB GTS ASAO  
FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2224.73	107.92	Initial Hydro-static
2	72.86	111.24	Open To Flow (1)
30	64.29	108.95	Shut-In(1)
93	818.81	115.53	End Shut-In(1)
94	55.61	109.61	Open To Flow (2)
150	60.65	107.77	Shut-In(2)
262	808.95	116.12	End Shut-In(2)
262	2248.90	116.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	scum of Oil 100%M	0.44

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	7.00	144.36
Last Gas Rate	0.50	37.00	346.73
Max. Gas Rate	0.50	37.00	346.73



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25718      **DST#: 4**  
Test Start: 2007.01.21 @ 07:37:23

**Tool Information**

Drill Pipe:	Length: 4286.00 ft	Diameter: 3.80 inches	Volume: 60.12 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 61.88 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4665.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 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			4638.00	
Shut In Tool	5.00			4643.00	
Hydraulic tool	5.00			4648.00	
Jars	5.00			4653.00	
Safety Joint	3.00			4656.00	
Packer	5.00			4661.00	28.00      Bottom Of Top Packer
Packer	4.00			4665.00	
Stubb	1.00			4666.00	
Perforations	1.00			4667.00	
Change Over Sub	1.00			4668.00	
Drill Pipe	31.00			4699.00	
Change Over Sub	1.00			4700.00	
Recorder	0.00	6751	Inside	4700.00	
Perforations	6.00			4706.00	
Recorder	0.00	11018	Inside	4706.00	
Bullnose	4.00			4710.00	45.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>73.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25718

**DST#: 4**

ATTN: Bryan Bynog

Test Start: 2007.01.21 @ 07:37:23

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	scum of Oil 100%M	0.443

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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

# DRILL STEM TEST REPORT

**GAS RATES**

Berexco Inc  
Box 20380  
Wichita KS 67208

**Cutter #7**

**1 31 35 Stevens KS**

Job Ticket: 25718

**DST#: 4**

ATTN: Bryan Bynog

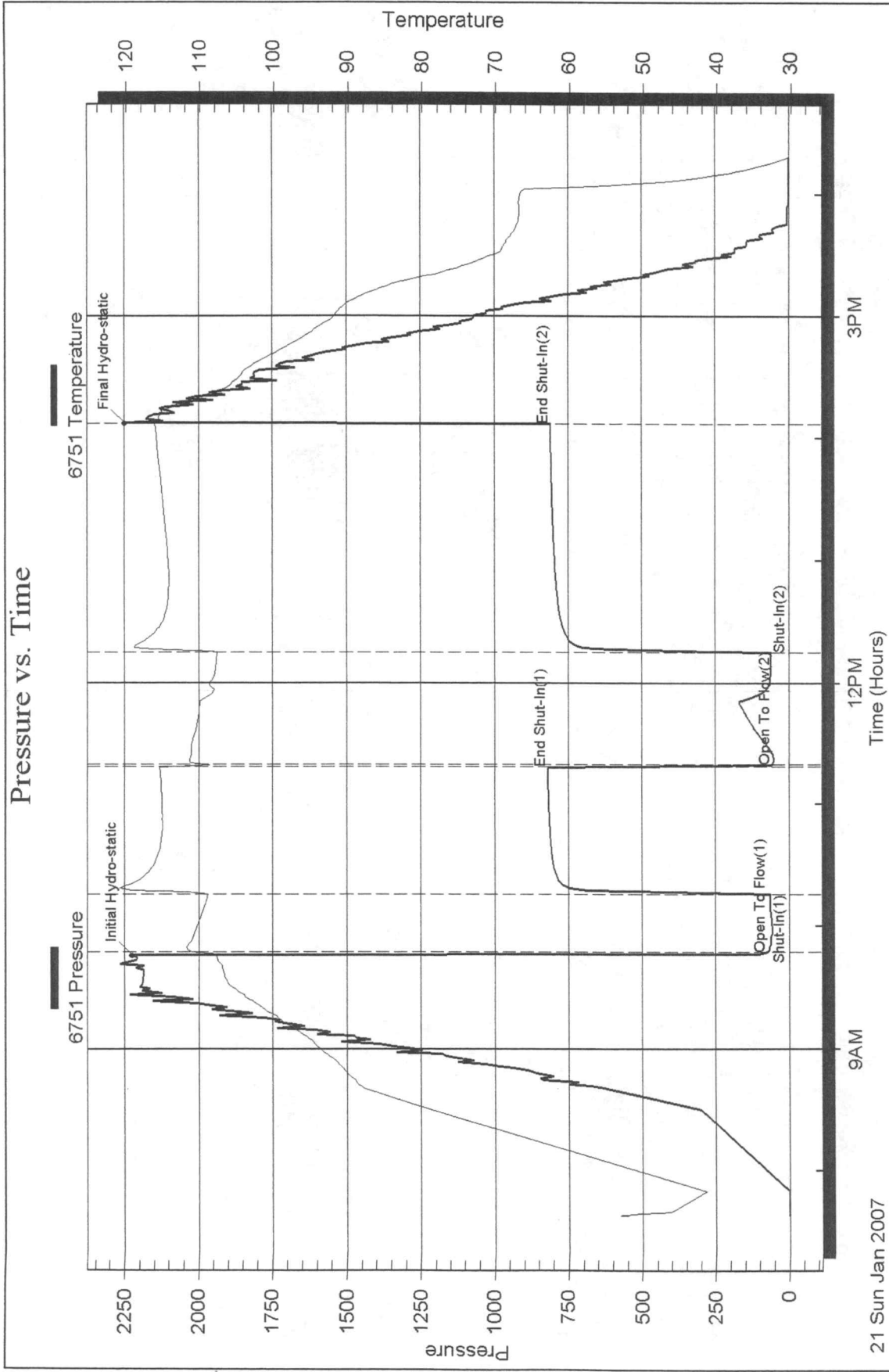
Test Start: 2007.01.21 @ 07:37:23

## 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	0.50	7.00	144.36
1	10	0.50	7.00	144.36
1	20	0.50	15.00	198.32
1	30	0.50	25.00	265.78
2	10	0.50	30.00	299.51
2	60	0.50	37.00	346.73





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.22 @ 02:45:11

End Date: 2007.01.22 @ 11:30:11

Job Ticket #: 25719                      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

Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25719      **DST#: 5**  
Test Start: 2007.01.22 @ 02:45:11

## GENERAL INFORMATION:

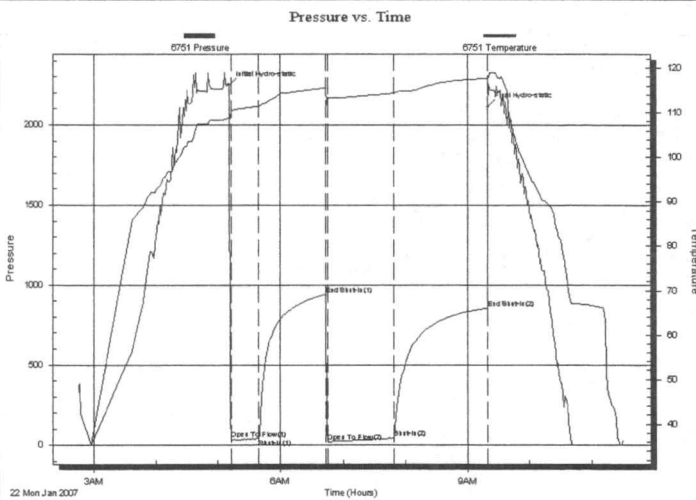
Formation: **Marmaton B**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 05:12:56  
Time Test Ended: 11:30:11  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Interval: **4720.00 ft (KB) To 4750.00 ft (KB) (TVD)**  
Total Depth: 4750.00 ft (KB) (TVD)  
Reference Elevations: 2921.00 ft (KB)  
Hole Diameter: 7.78 inches      Hole Condition: Fair  
KB to GR/CF: 12.00 ft

## Serial #: 6751

Inside

Press@RunDepth: 43.25 psig @ 4722.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.01.22      End Date: 2007.01.22      Last Calib.: 1899.12.30  
Start Time: 02:45:12      End Time: 11:30:11      Time On Btm: 2007.01.22 @ 05:11:26  
Time Off Btm: 2007.01.22 @ 09:20:11

TEST COMMENT: IF Strong blow BOB ASAO GTS 5 min.  
ISI No blow back  
FF BOB GTS ASAO  
FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2247.84	108.69	Initial Hydro-static
2	37.62	110.42	Open To Flow (1)
29	41.72	111.52	Shut-In(1)
93	940.56	115.55	End Shut-In(1)
94	24.07	113.24	Open To Flow (2)
158	43.25	114.37	Shut-In(2)
249	856.09	117.71	End Shut-In(2)
249	2113.70	118.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
100.00	15%G 85%M w/ scum of Oil	0.49

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25719      **DST#: 5**  
Test Start: 2007.01.22 @ 02:45:11

**Tool Information**

Drill Pipe:	Length: 4354.00 ft	Diameter: 3.80 inches	Volume: 61.08 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 80000.00 lb
		<u>Total Volume:</u>	<u>62.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4720.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			4693.00	
Shut In Tool	5.00			4698.00	
Hydraulic tool	5.00			4703.00	
Jars	5.00			4708.00	
Safety Joint	3.00			4711.00	
Packer	5.00			4716.00	28.00 Bottom Of Top Packer
Packer	4.00			4720.00	
Stubb	1.00			4721.00	
Perforations	1.00			4722.00	
Recorder	0.00	6751	Inside	4722.00	
Perforations	24.00			4746.00	
Recorder	0.00	11018	Inside	4746.00	
Bullnose	4.00			4750.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 58.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25719

**DST#: 5**

ATTN: Bryan Bynog

Test Start: 2007.01.22 @ 02:45:11

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 8.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.15 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3200.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	15%G 85%M w/ scum of Oil	0.492

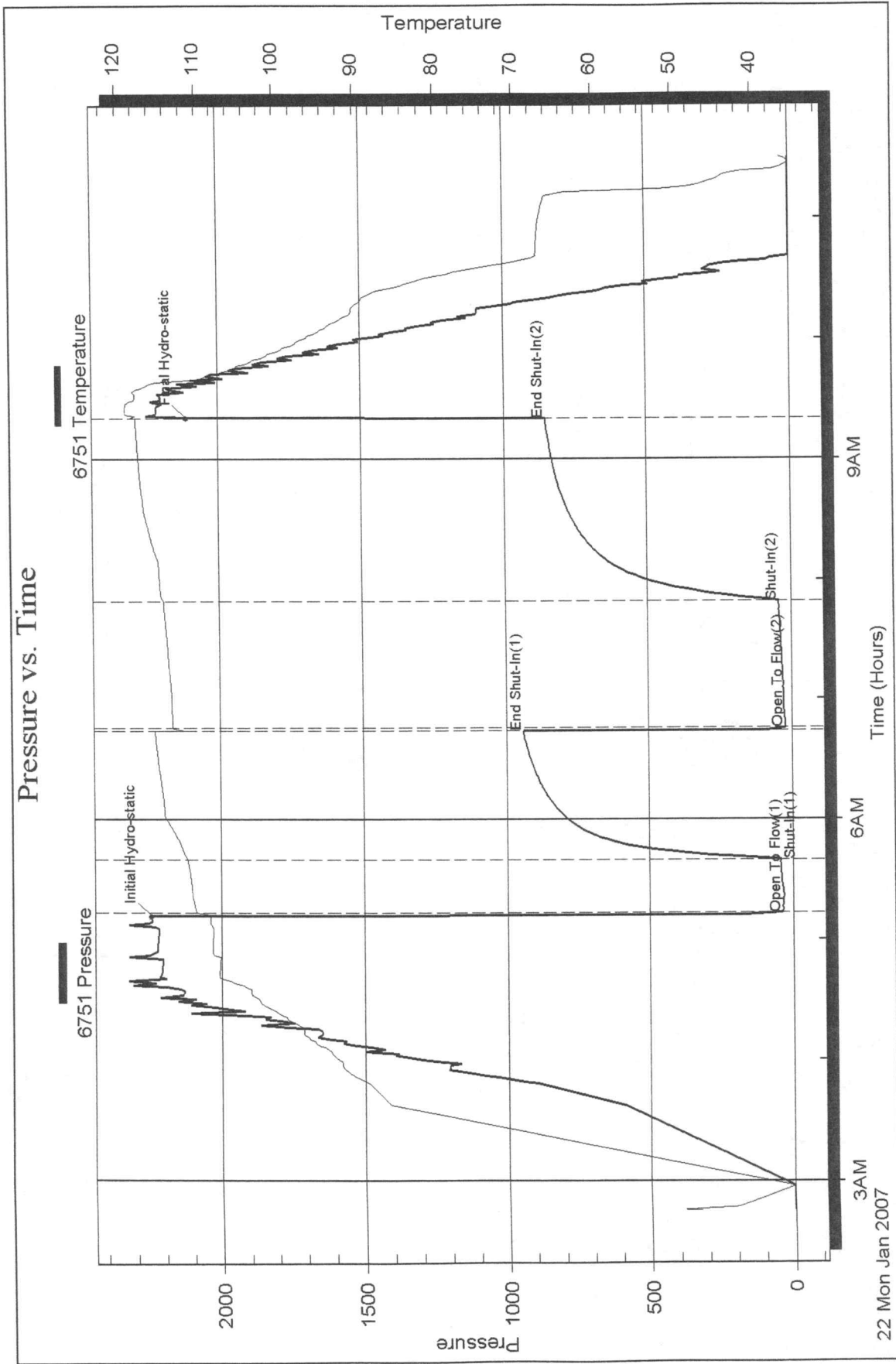
Total Length: 100.00 ft      Total Volume: 0.492 bbl

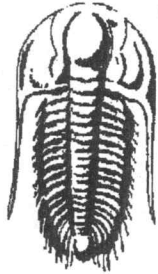
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.23 @ 01:00:25

End Date: 2007.01.23 @ 09:54:55

Job Ticket #: 25720                      DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc

Cutter #7

1 31 35 Stevens KS

DST # 6

Pawnee

2007.01.23



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

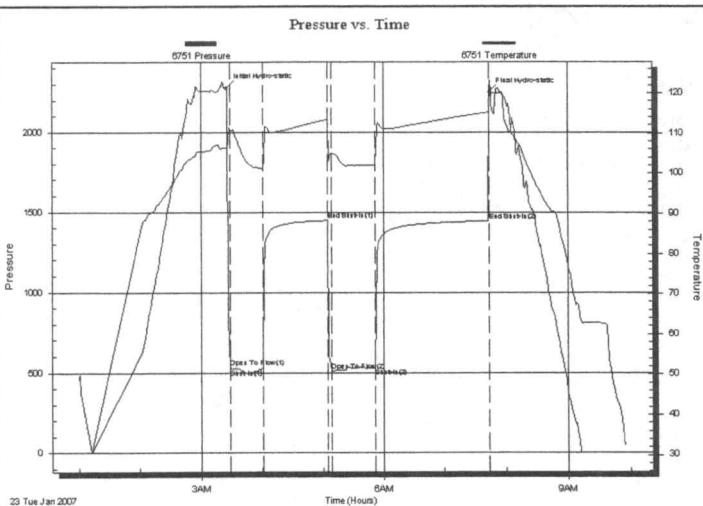
**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25720      **DST#: 6**  
Test Start: 2007.01.23 @ 01:00:25

### GENERAL INFORMATION:

Formation: **Pawnee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 03:28:40  
Time Test Ended: 09:54:55  
Interval: **4790.00 ft (KB) To 4845.00 ft (KB) (TVD)**  
Total Depth: 4845.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Reference Elevations: 2921.00 ft (KB)  
2909.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 6751      Inside**  
Press@RunDepth: 528.71 psig @ 4825.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.01.23      End Date: 2007.01.23      Last Calib.: 1899.12.30  
Start Time: 01:00:26      End Time: 09:54:55      Time On Btm: 2007.01.23 @ 03:25:40  
Time Off Btm: 2007.01.23 @ 07:44:25

TEST COMMENT: IF Strong blow BOB ASAO GTS 1 min  
ISI No blow back  
FF BOB GTS ASASO  
FSI No blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2279.40	106.42	Initial Hydro-static
3	533.85	110.73	Open To Flow (1)
35	520.88	101.14	Shut-In(1)
100	1447.57	113.41	End Shut-In(1)
103	511.77	104.78	Open To Flow (2)
147	528.71	102.02	Shut-In(2)
259	1443.42	115.19	End Shut-In(2)
259	2248.52	114.95	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	100%Mw/ scum Oil	0.59

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	80.00	2713.89
Last Gas Rate	1.00	80.00	2713.89
Max. Gas Rate	1.00	80.00	2713.89



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25720 **DST#: 6**

ATTN: Bryan Bynog

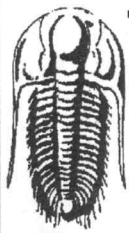
Test Start: 2007.01.23 @ 01:00:25

**Tool Information**

Drill Pipe:	Length: 4417.00 ft	Diameter: 3.80 inches	Volume: 61.96 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4790.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	83.00 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			4763.00	
Shut In Tool	5.00			4768.00	
Hydraulic tool	5.00			4773.00	
Jars	5.00			4778.00	
Safety Joint	3.00			4781.00	
Packer	5.00			4786.00	28.00 Bottom Of Top Packer
Packer	4.00			4790.00	
Stubb	1.00			4791.00	
Perforations	1.00			4792.00	
Change Over Sub	1.00			4793.00	
Drill Pipe	31.00			4824.00	
Change Over Sub	1.00			4825.00	
Recorder	0.00	6751	Inside	4825.00	
Perforations	16.00			4841.00	
Recorder	0.00	11018	Inside	4841.00	
Bullhose	4.00			4845.00	55.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>83.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25720

**DST#: 6**

ATTN: Bryan Bynog

Test Start: 2007.01.23 @ 01:00:25

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100%M w / scum Oil	0.590

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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

# DRILL STEM TEST REPORT

**GAS RATES**

Berexco Inc  
Box 20380  
Wichita KS 67208

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25720      **DST#: 6**  
Test Start: 2007.01.23 @ 01:00:25

ATTN: Bryan Bynog

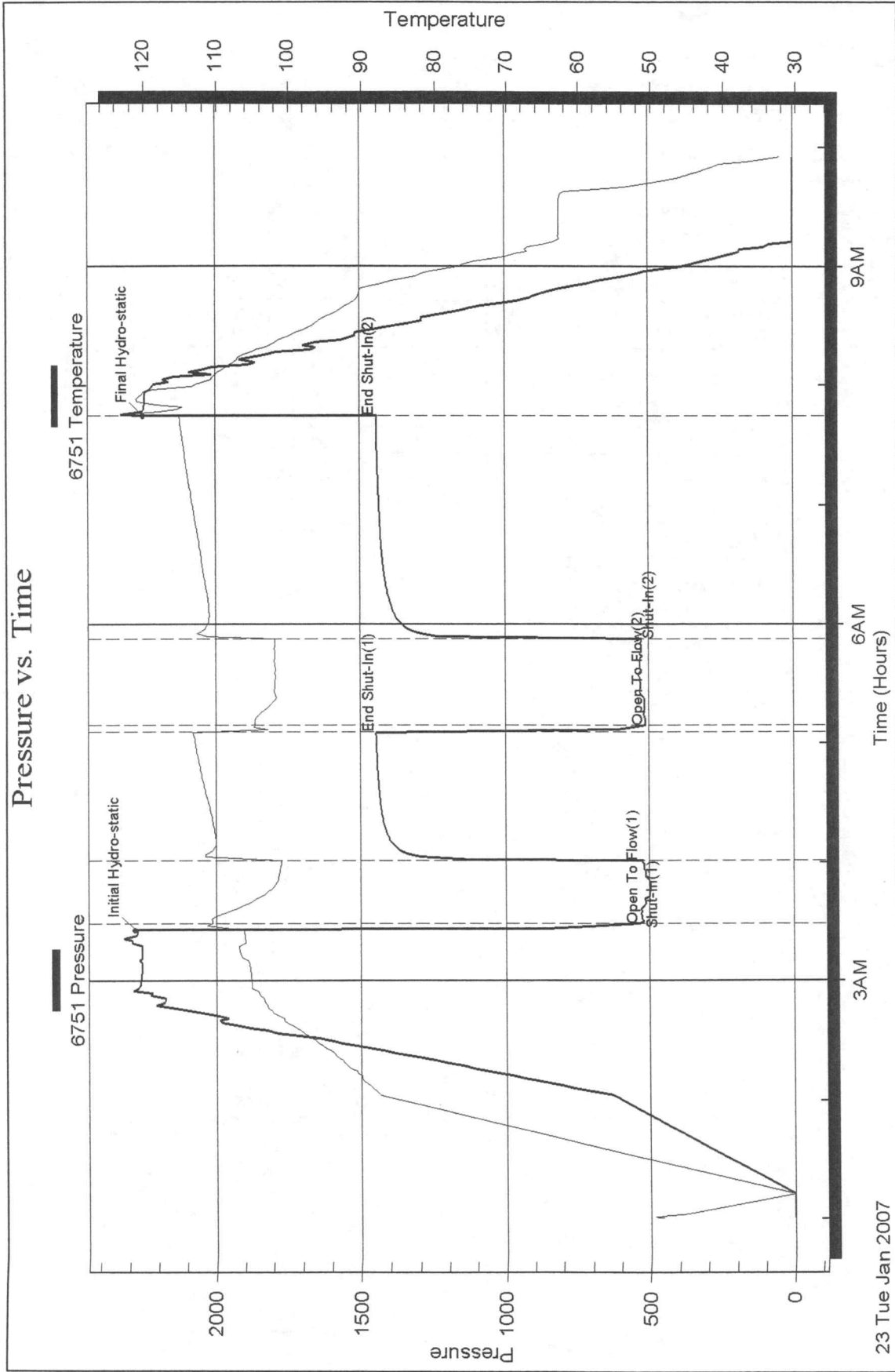
## Gas Rates Information

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	1.00	80.00	2713.89
1	10	1.00	80.00	2713.89
1	20	1.00	80.00	2713.89
1	30	1.00	80.00	2713.89
2	10	1.00	80.00	2713.89
2	20	1.00	80.00	2713.89
2	30	1.00	80.00	2713.89
2	40	1.00	80.00	2713.89
2	50	1.00	80.00	2713.89

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

### **Cutter #7**

Start Date: 2007.01.23 @ 00:29:24

End Date: 2007.01.23 @ 10:03:39

Job Ticket #: 25721                      DST #: 7

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

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**Cutter #7**

**1 31 35 Stevens KS**

Job Ticket: 25721

**DST#: 7**

Test Start: 2007.01.23 @ 00:29:24

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:58:54

Time Test Ended: 10:03:39

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4855.00 ft (KB) To 4910.00 ft (KB) (TVD)**

Total Depth: 4910.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2921.00 ft (KB)

2909.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 6751**

**Inside**

Press@RunDepth: 1007.70 psig @ 4890.00 ft (KB)

Start Date: 2007.01.23

End Date: 2007.01.23

Start Time: 00:29:25

End Time: 10:03:39

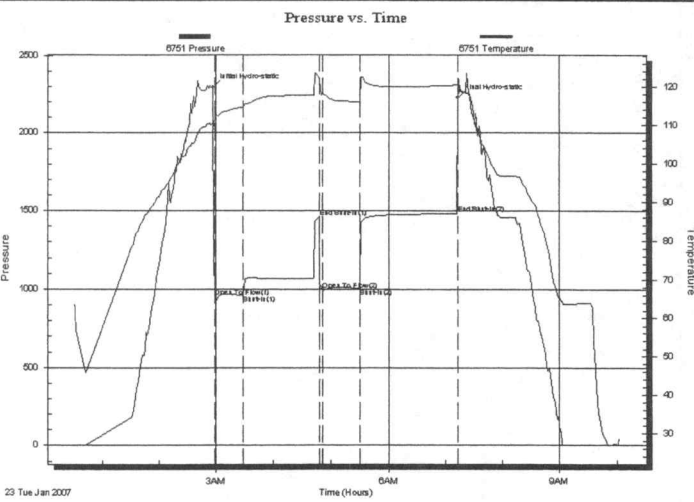
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2007.01.23 @ 02:57:24

Time Off Btm: 2007.01.23 @ 07:13:09

**TEST COMMENT:** IF BOB ASAO GTS 1 min Strong Blow  
ISI Could not get tool to close  
FF turned tool to see if it was closed Tool Malfuntion  
FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.65	110.16	Initial Hydro-static
2	947.27	112.10	Open To Flow (1)
32	964.77	114.49	Shut-In(1)
112	1459.01	122.05	End Shut-In(1)
115	995.50	117.97	Open To Flow (2)
153	1007.70	115.98	Shut-In(2)
256	1481.20	120.39	End Shut-In(2)
256	2227.66	120.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	Trace of condensate	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	150.00	4726.31
Last Gas Rate	1.00	165.00	5157.54
Max. Gas Rate	1.00	165.00	5157.54



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

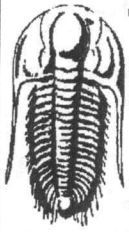
Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25721      **DST#: 7**  
Test Start: 2007.01.23 @ 00:29:24

**Tool Information**

Drill Pipe:	Length: 4479.00 ft	Diameter: 3.80 inches	Volume: 62.83 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: lb
		<b>Total Volume:</b>	<b>64.59 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4855.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	83.00 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			4828.00	
Shut In Tool	5.00			4833.00	
Hydraulic tool	5.00			4838.00	
Jars	5.00			4843.00	
Safety Joint	3.00			4846.00	
Packer	5.00			4851.00	28.00      Bottom Of Top Packer
Packer	4.00			4855.00	
Stubb	1.00			4856.00	
Perforations	1.00			4857.00	
Change Over Sub	1.00			4858.00	
Drill Pipe	31.00			4889.00	
Change Over Sub	1.00			4890.00	
Recorder	0.00	6751	Inside	4890.00	
Perforations	16.00			4906.00	
Recorder	0.00	11018	Inside	4906.00	
Bullnose	4.00			4910.00	55.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>83.00</b>				



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25721

**DST#: 7**

ATTN: Bryan Bynog

Test Start: 2007.01.23 @ 00:29:24

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 8.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.26 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	Trace of condensate	0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

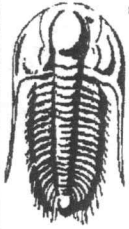
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

ATTN: Bryan Bynog

Job Ticket: 25721

**DST#: 7**

Test Start: 2007.01.23 @ 00:29:24

## 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	1.00	150.00	4726.31
1	10	1.00	150.00	4726.31
1	20	1.00	165.00	5157.54

Serial #: 6751

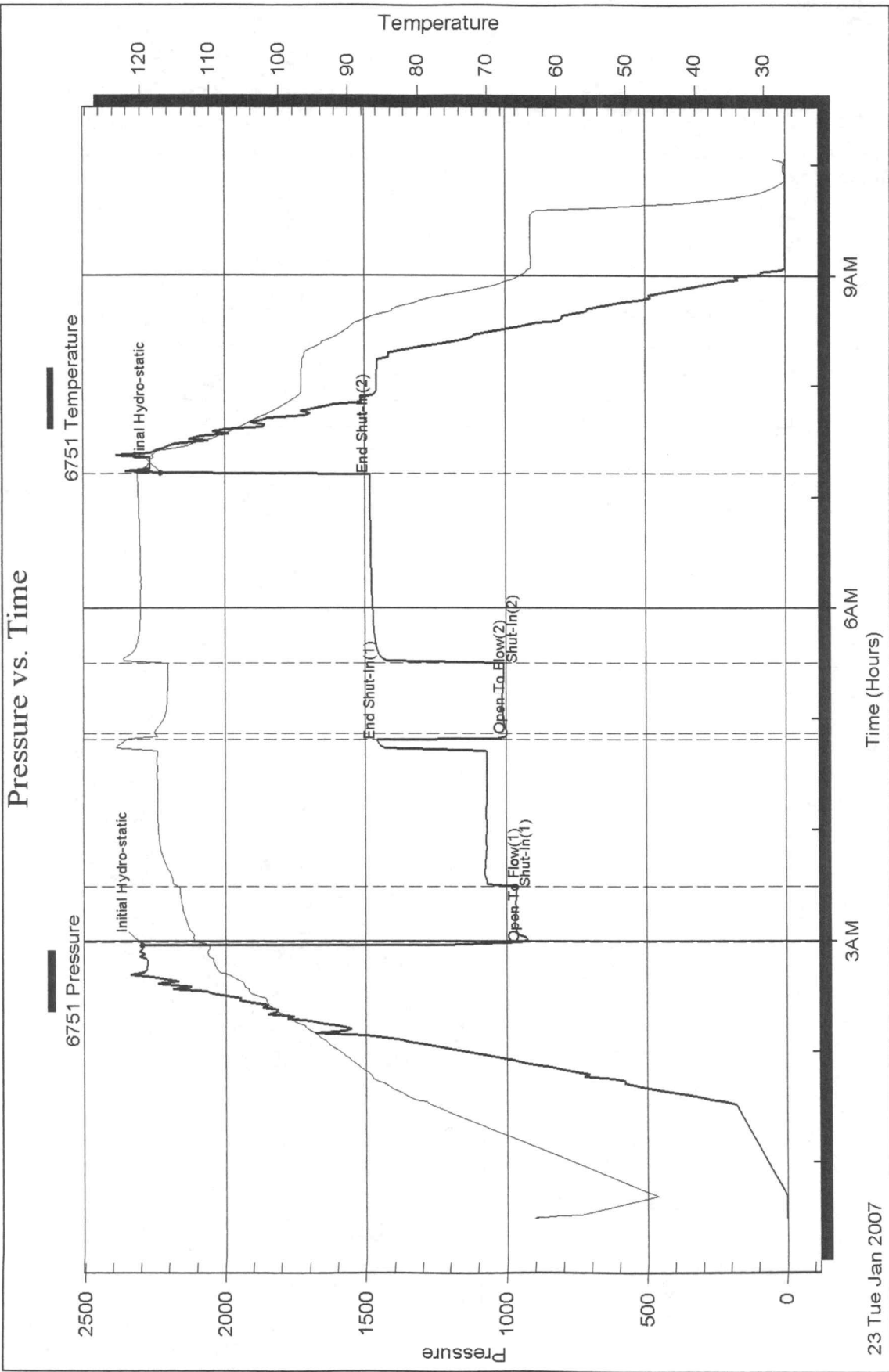
Inside

Berexco Inc

1 31 35 Stevens KS

DST Test Number: 7

### Pressure vs. Time

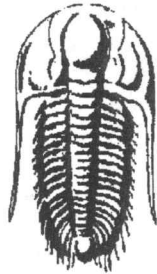


23 Tue Jan 2007

Trilobite Testing, Inc

Ref. No: 25721

Printed: 2007.02.07 @ 15:49:29 Page 6



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

### **Cutter #7**

Start Date: 2007.01.25 @ 13:30:17

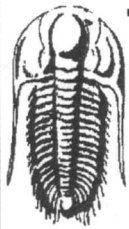
End Date: 2007.01.25 @ 22:13:32

Job Ticket #: 25722                      DST #: 8

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  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

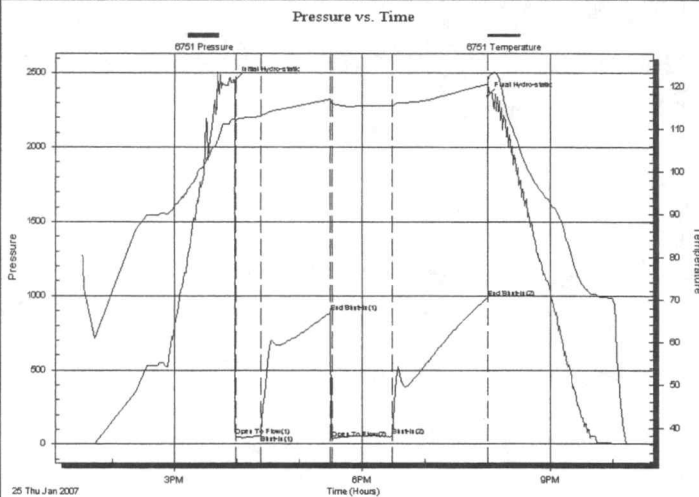
**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25722      **DST#: 8**  
Test Start: 2007.01.25 @ 13:30:17

## GENERAL INFORMATION:

Formation: **Basel Cherokee**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 15:59:02  
Time Test Ended: 22:13:32  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Interval: **5130.00 ft (KB) To 5170.00 ft (KB) (TVD)**  
Total Depth: 5170.00 ft (KB) (TVD)  
Reference Elevations: 2921.00 ft (KB)  
2909.00 ft (CF)  
Hole Diameter: 7.78 inches Hole Condition: Poor  
KB to GR/CF: 12.00 ft

**Serial #: 6751      Inside**  
Press@RunDepth: 52.31 psig @ 5165.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.01.25      End Date: 2007.01.25      Last Calib.: 1899.12.30  
Start Time: 13:30:18      End Time: 22:13:32      Time On Btm: 2007.01.25 @ 15:57:32  
Time Off Btm: 2007.01.25 @ 19:59:47

**TEST COMMENT:** IF Strong blow BOB ASAO GTS 6 min  
ISI Weak surface blow  
FF BOB GTS ASAO  
FSI Weak surface blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2447.35	112.11	Initial Hydro-static
2	53.85	111.86	Open To Flow (1)
26	59.45	113.00	Shut-In (1)
92	887.14	116.93	End Shut-In (1)
94	37.00	115.83	Open To Flow (2)
151	52.31	115.42	Shut-In (2)
242	985.62	120.39	End Shut-In (2)
243	2342.65	120.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
93.00	20%M 80%O	0.46
93.00	20%G 20%M 60%O	0.46

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.00	7.64
Last Gas Rate	0.13	16.00	11.38
Max. Gas Rate	0.13	16.00	11.38



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25722

**DST#: 8**

ATTN: Bryan Bynog

Test Start: 2007.01.25 @ 13:30:17

### Tool Information

Drill Pipe:	Length: 4754.00 ft	Diameter: 3.80 inches	Volume: 66.69 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 68.45 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5130.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			5103.00	
Shut In Tool	5.00			5108.00	
Hydraulic tool	5.00			5113.00	
Jars	5.00			5118.00	
Safety Joint	3.00			5121.00	
Packer	5.00			5126.00	28.00 Bottom Of Top Packer
Packer	4.00			5130.00	
Stubb	1.00			5131.00	
Perforations	1.00			5132.00	
Change Over Sub	1.00			5133.00	
Drill Pipe	31.00			5164.00	
Change Over Sub	1.00			5165.00	
Recorder	0.00	6751	Inside	5165.00	
Recorder	0.00	11018	Inside	5165.00	
Bullnose	5.00			5170.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25722

**DST#: 8**

ATTN: Bryan Bynog

Test Start: 2007.01.25 @ 13:30:17

### 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: 41.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
93.00	20%M 80%O	0.457
93.00	20%G 20%M 60%O	0.457

Total Length: 186.00 ft

Total Volume: 0.914 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**GAS RATES**

Berexco Inc  
Box 20380  
Wichita KS 67208

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25722      **DST#: 8**  
Test Start: 2007.01.25 @ 13:30:17

ATTN: Bryan Bynog

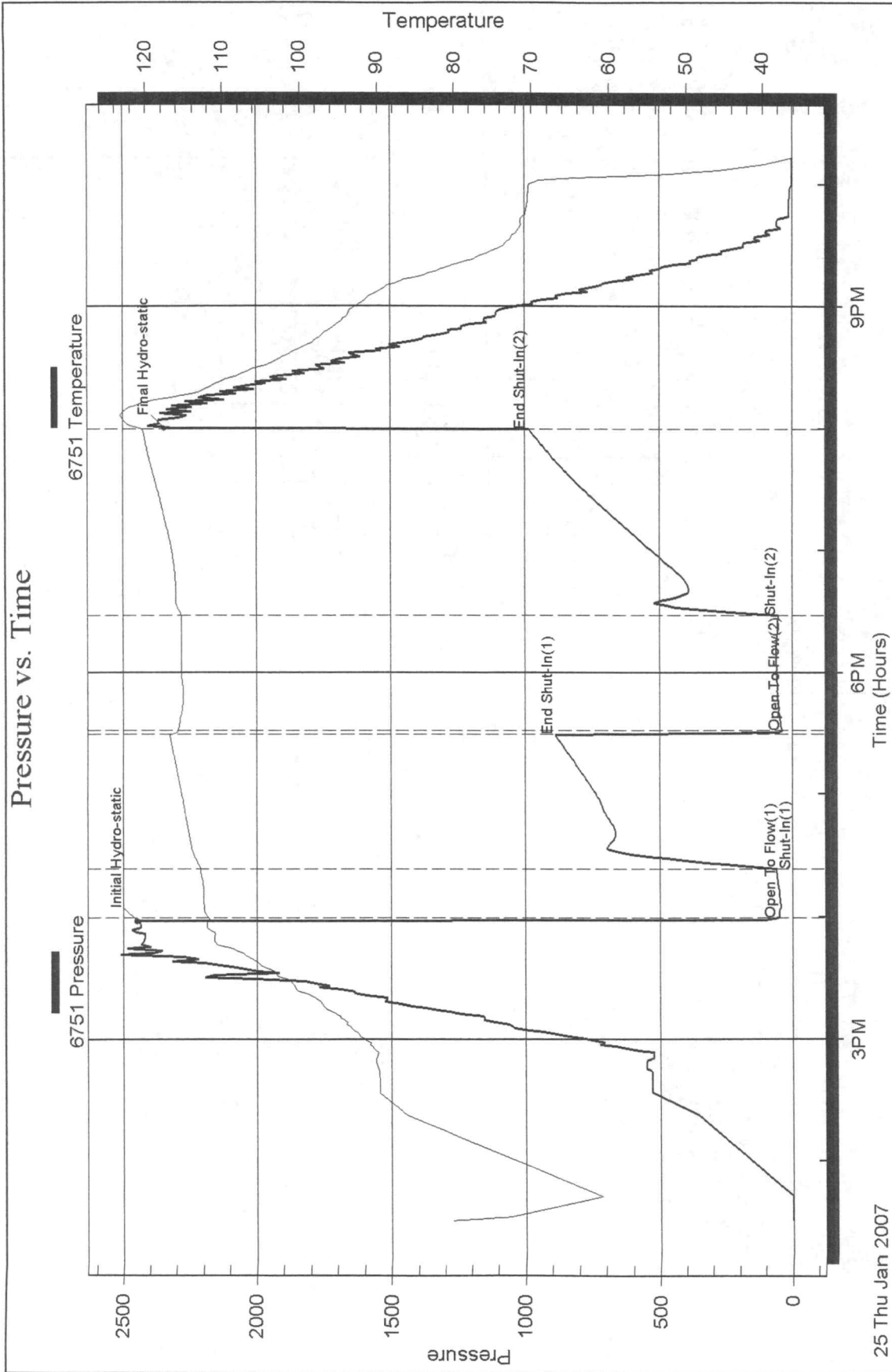
## Gas Rates Information

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

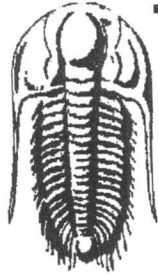
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	10	0.13	6.00	7.64
1	20	0.13	11.00	9.51
1	30	0.13	11.00	9.51
2	10	0.13	11.00	9.51
2	20	0.13	13.00	10.26
2	30	0.13	16.00	11.38
2	40	0.13	16.00	11.38
2	50	0.13	16.00	11.38
2	60	0.13	16.00	11.38

### Pressure vs. Time



25 Thu Jan 2007



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

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67208

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.26 @ 10:15:52

End Date: 2007.01.26 @ 19:56:22

Job Ticket #: 25723                      DST #: 9

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  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25723      **DST#: 9**  
Test Start: 2007.01.26 @ 10:15:52

## GENERAL INFORMATION:

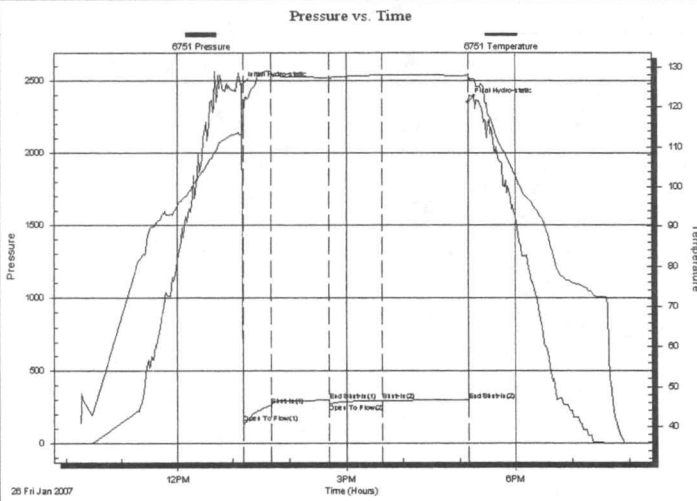
Formation: **Morrow**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 13:10:52  
Time Test Ended: 19:56:22  
Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33  
Interval: **5180.00 ft (KB) To 5255.00 ft (KB) (TVD)**  
Reference Elevations: 2921.00 ft (KB)  
Total Depth: 5255.00 ft (KB) (TVD)      2909.00 ft (CF)  
Hole Diameter: 7.78 inches      Hole Condition: Fair      KB to GR/CF: 12.00 ft

## Serial #: 6751

Inside

Press@RunDepth: 296.47 psig @ 5246.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2007.01.26      End Date: 2007.01.26      Last Calib.: 1899.12.30  
Start Time: 10:15:53      End Time: 19:56:22      Time On Btm: 2007.01.26 @ 13:09:07  
Time Off Btm: 2007.01.26 @ 17:09:22

TEST COMMENT: IF Good blow BOB 1min NO GTS  
ISI Weak blow back  
FF Good blow BOB 1min NO GTS on flow after we shut it in we got small GTS to small for sample  
FSI 3 " in bucket on blow back



## PRESSURE SUMMARY

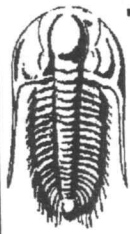
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2471.68	113.16	Initial Hydro-static
2	139.83	118.58	Open To Flow (1)
32	266.50	129.09	Shut-In (1)
93	300.11	127.34	End Shut-In (1)
93	279.58	127.32	Open To Flow (2)
149	296.47	128.16	Shut-In (2)
240	299.40	127.95	End Shut-In (2)
241	2354.28	128.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
93.00	5%G 10%O 85%M	0.46
186.00	10%G 30%O 60%M	0.91
451.00	5%O 20%G 75%W	5.61

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
Box 20380  
Wichita KS 67208  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25723      **DST#: 9**  
Test Start: 2007.01.26 @ 10:15:52

**Tool Information**

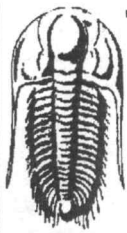
Drill Pipe:	Length: 4819.00 ft	Diameter: 3.80 inches	Volume: 67.60 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 90000.00 lb
		<b>Total Volume:</b>	<b>69.36 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5180.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	103.00 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			5153.00		
Shut In Tool	5.00			5158.00		
Hydraulic tool	5.00			5163.00		
Jars	5.00			5168.00		
Safety Joint	3.00			5171.00		
Packer	5.00			5176.00	28.00	Bottom Of Top Packer
Packer	4.00			5180.00		
Stubb	1.00			5181.00		
Perforations	1.00			5182.00		
Change Over Sub	1.00			5183.00		
Drill Pipe	62.00			5245.00		
Change Over Sub	1.00			5246.00		
Recorder	0.00	6751	Inside	5246.00		
Perforations	5.00			5251.00		
Recorder	0.00	11018	Inside	5251.00		
Bullnose	4.00			5255.00	75.00	Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>103.00</b>					



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67208

**1 31 35 Stevens KS**

Job Ticket: 25723

**DST#: 9**

ATTN: Bryan Bynog

Test Start: 2007.01.26 @ 10:15:52

## 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:

60000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	5%G 10%O 85%M	0.457
186.00	10%G 30%O 60%M	0.915
451.00	5%O 20%G 75%W	5.607

Total Length: 730.00 ft

Total Volume: 6.979 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

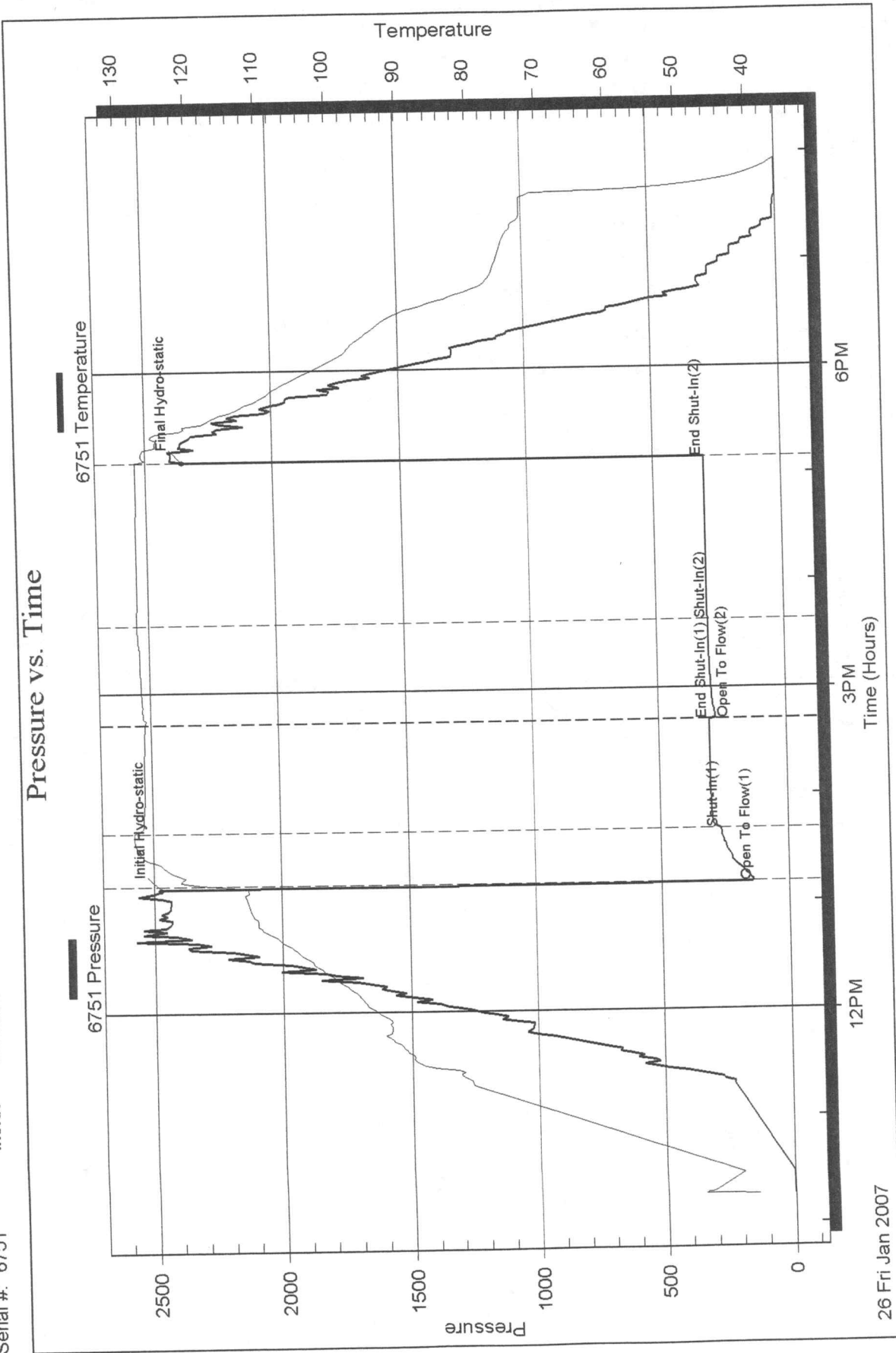
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



26 Fri Jan 2007



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67206

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

### **Cutter #7**

Start Date: 2007.01.27 @ 10:20:30

End Date: 2007.01.27 @ 19:26:45

Job Ticket #: 25724                      DST #: 10

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

**Cutter #7**

Box 20380  
Wichita KS 67206

**1 31 35 Stevens KS**

Job Ticket: 25724

**DST#: 10**

ATTN: Bryan Bynog

Test Start: 2007.01.27 @ 10:20:30

## GENERAL INFORMATION:

Formation: **Lower Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:55:00

Time Test Ended: 19:26:45

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **5330.00 ft (KB) To 5382.00 ft (KB) (TVD)**

Reference Elevations: 2921.00 ft (KB)

Total Depth: 5382.00 ft (KB) (TVD)

2909.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 6751**

**Inside**

Press@RunDepth: 22.34 psig @ 5365.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.01.27

End Date:

2007.01.27

Last Calib.: 1899.12.30

Start Time: 10:20:31

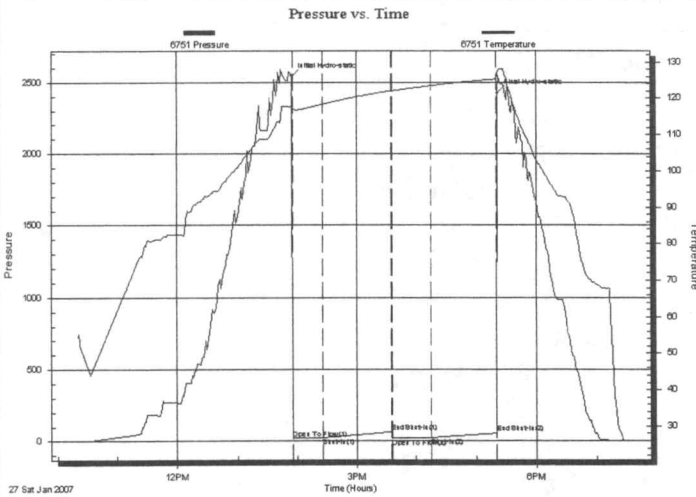
End Time:

19:26:45

Time On Btm: 2007.01.27 @ 13:54:45

Time Off Btm: 2007.01.27 @ 17:21:45

TEST COMMENT: IF Weak surface blow and died off  
ISI No blow back  
FF No blow  
FSI No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2542.23	117.65	Initial Hydro-static
1	19.92	116.70	Open To Flow (1)
31	22.24	118.29	Shut-In(1)
100	64.57	122.04	End Shut-In(1)
101	19.85	122.04	Open To Flow (2)
141	22.34	123.49	Shut-In(2)
207	56.05	125.37	End Shut-In(2)
207	2424.38	126.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%M	0.10

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
Box 20380  
Wichita KS 67206  
ATTN: Bryan Bynog

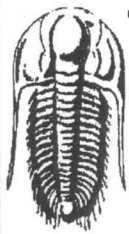
**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25724      **DST#: 10**  
Test Start: 2007.01.27 @ 10:20:30

### Tool Information

Drill Pipe:	Length: 4974.00 ft	Diameter: 3.80 inches	Volume: 69.77 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.24 inches	Volume: 1.74 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 71.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	5330.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 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			5303.00	
Shut In Tool	5.00			5308.00	
Hydraulic tool	5.00			5313.00	
Jars	5.00			5318.00	
Safety Joint	3.00			5321.00	
Packer	5.00			5326.00	28.00      Bottom Of Top Packer
Packer	4.00			5330.00	
Stubb	1.00			5331.00	
Perforations	1.00			5332.00	
Change Over Sub	1.00			5333.00	
Drill Pipe	31.00			5364.00	
Change Over Sub	1.00			5365.00	
Recorder	0.00	6751	Inside	5365.00	
Perforations	13.00			5378.00	
Recorder	0.00	11018	Inside	5378.00	
Bullnose	4.00			5382.00	52.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>80.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67206

**1 31 35 Stevens KS**

Job Ticket: 25724

**DST#: 10**

ATTN: Bryan Bynog

Test Start: 2007.01.27 @ 10:20:30

## 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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100%M	0.097

Total Length: 20.00 ft      Total Volume: 0.097 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

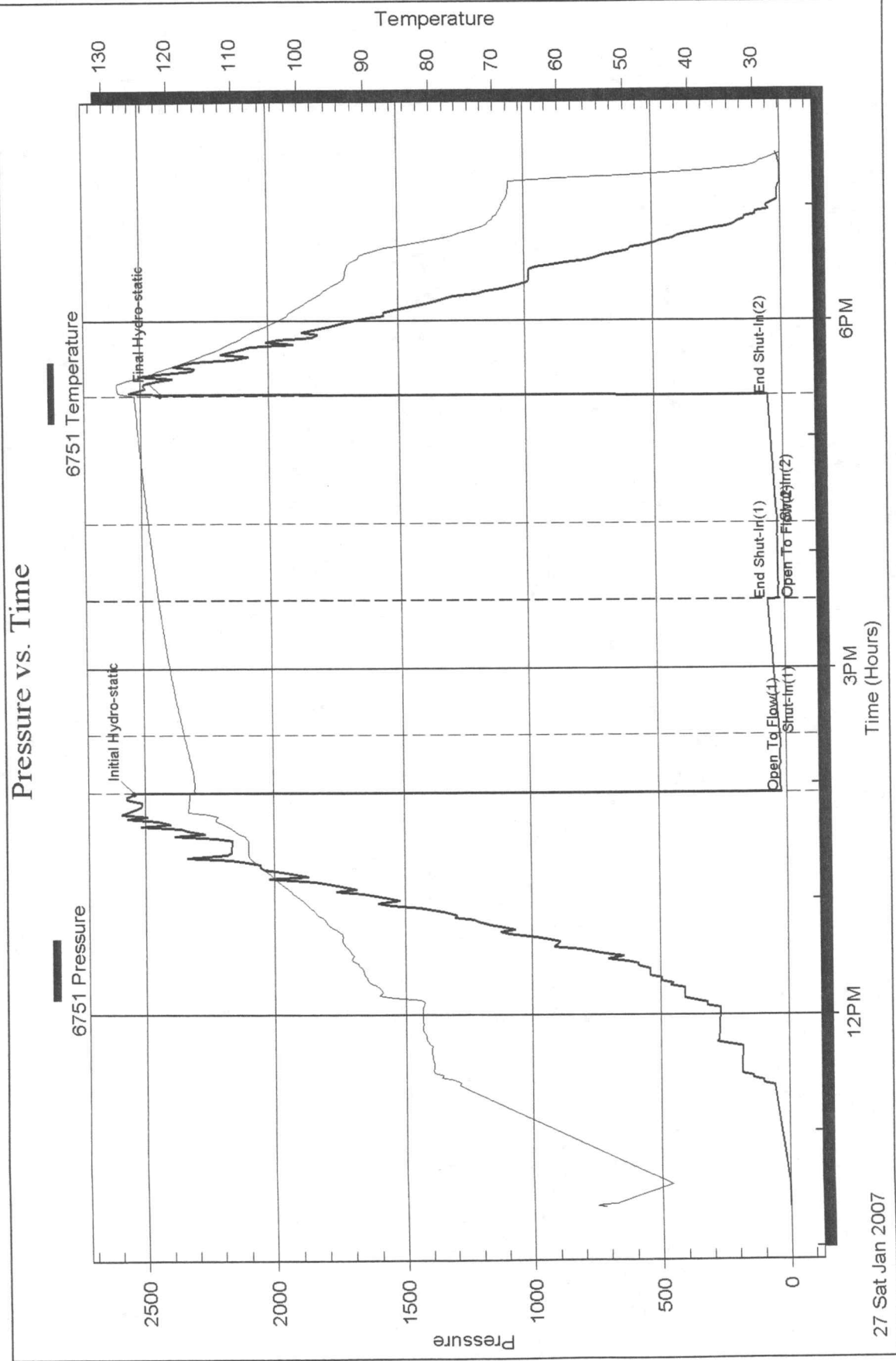
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67206

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.28 @ 18:15:10

End Date: 2007.01.29 @ 05:18:25

Job Ticket #: 25725                      DST #: 11

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  
 Box 20380  
 Wichita KS 67206  
 ATTN: Bryan Bynog

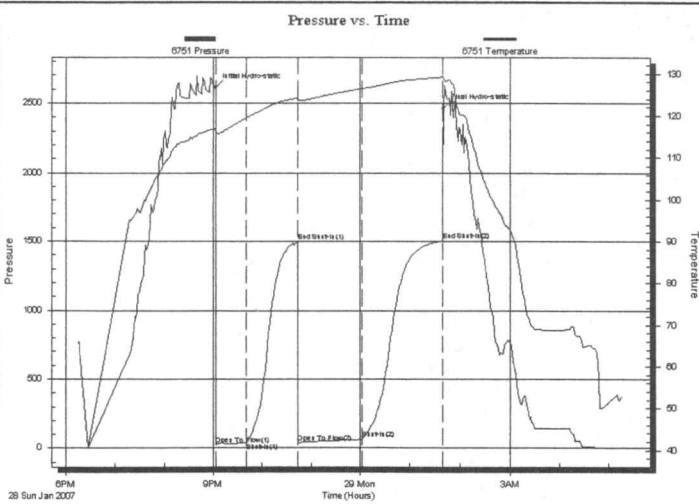
**Cutter #7**  
**1 31 35 Stevens KS**  
 Job Ticket: 25725      **DST#: 11**  
 Test Start: 2007.01.28 @ 18:15:10

**GENERAL INFORMATION:**

Formation: **Chester**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:03:25  
 Time Test Ended: 05:18:25  
 Interval: **5474.00 ft (KB) To 5580.00 ft (KB) (TVD)**  
 Total Depth: 5580.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Harley Davidson  
 Unit No: 33  
 Reference Elevations: 2921.00 ft (KB)  
 2909.00 ft (CF)  
 KB to GR/CF: 12.00 ft

**Serial #: 6751 Inside**  
 Press@RunDepth: 65.04 psig @ 5570.00 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2007.01.28 End Date: 2007.01.29 Last Calib.: 1899.12.30  
 Start Time: 18:15:11 End Time: 05:18:25 Time On Btm: 2007.01.28 @ 21:02:55  
 Time Off Btm: 2007.01.29 @ 01:40:10

**TEST COMMENT:** IF Weak building blow 5" in bucket  
 ISI No blow back  
 FF Good blow BOB 8 min NO GTS  
 FSI No blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2614.85	117.06	Initial Hydro-static
1	24.35	116.24	Open To Flow (1)
39	37.83	119.53	Shut-In(1)
101	1497.44	124.23	End Shut-In(1)
102	37.34	123.79	Open To Flow (2)
180	65.04	126.46	Shut-In(2)
277	1504.01	129.20	End Shut-In(2)
278	2463.01	129.51	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	2000 GIP	0.00
70.00	10%O 20%G 70%M	0.34

**Gas Rates**

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



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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
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Wichita KS 67206  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25725      **DST#: 11**  
Test Start: 2007.01.28 @ 18:15:10

**Tool Information**

Drill Pipe:	Length: 5107.00 ft	Diameter: 3.80 inches	Volume: 71.64 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:	25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume: 73.40 bbl		Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	84000.00 lb
Depth to Top Packer:	5474.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	106.00 ft				
Tool Length:	134.00 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			5447.00	
Shut In Tool	5.00			5452.00	
Hydraulic tool	5.00			5457.00	
Jars	5.00			5462.00	
Safety Joint	3.00			5465.00	
Packer	5.00			5470.00	28.00      Bottom Of Top Packer
Packer	4.00			5474.00	
Stubb	1.00			5475.00	
Perforations	1.00			5476.00	
Change Over Sub	1.00			5477.00	
Drill Pipe	92.00			5569.00	
Change Over Sub	1.00			5570.00	
Recorder	0.00	6751	Inside	5570.00	
Perforations	6.00			5576.00	
Recorder	0.00	11018	Inside	5576.00	
Bullnose	4.00			5580.00	106.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>134.00</b>				



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco Inc

**Cutter #7**

Box 20380  
Wichita KS 67206

**1 31 35 Stevens KS**

Job Ticket: 25725

**DST#: 11**

ATTN: Bryan Bynog

Test Start: 2007.01.28 @ 18:15:10

## 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:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	2000 GIP	0.000
70.00	10%O 20%G 70%M	0.344

Total Length: 70.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

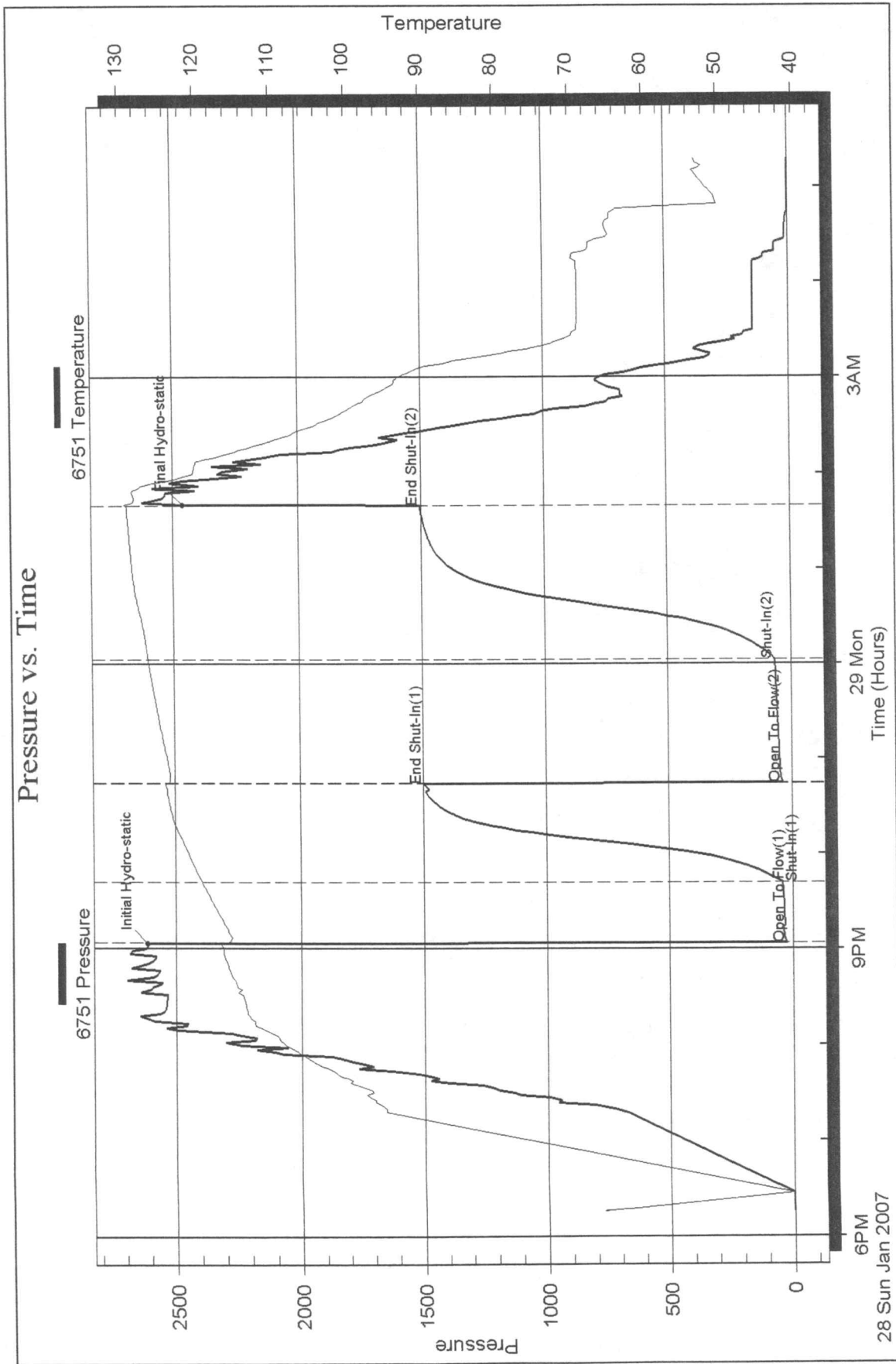
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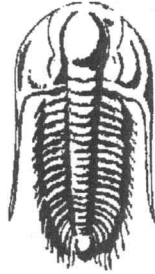
Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Berexco Inc**

Box 20380  
Wichita KS 67206

ATTN: Bryan Bynog

**1 31 35 Stevens KS**

**Cutter #7**

Start Date: 2007.01.29 @ 20:45:18

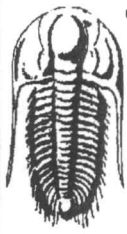
End Date: 2007.01.30 @ 06:52:03

Job Ticket #: 25726                      DST #: 12

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# DRILL STEM TEST REPORT

Berexco Inc  
Box 20380  
Wichita KS 67206  
ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25726      **DST#: 12**  
Test Start: 2007.01.29 @ 20:45:18

## GENERAL INFORMATION:

Formation:

Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 23:12:48  
Time Test Ended: 06:52:03

Test Type: Conventional Bottom Hole  
Tester: Harley Davidson  
Unit No: 33

**Interval: 5610.00 ft (KB) To 5680.00 ft (KB) (TVD)**  
Total Depth: 5680.00 ft (KB) (TVD)  
Hole Diameter: 7.78 inches      Hole Condition: Fair

Reference Elevations: 2921.00 ft (KB)  
2909.00 ft (CF)  
KB to GR/CF: 12.00 ft

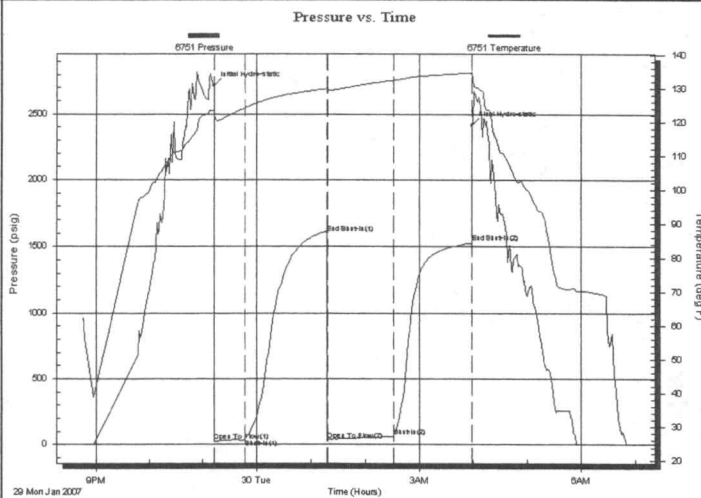
**Serial #: 6751**

**Inside**

Press@RunDepth: 64.44 psig @ 5675.00 ft (KB)  
Start Date: 2007.01.29      End Date: 2007.01.30  
Start Time: 20:45:19      End Time: 06:52:03

Capacity: 7000.00 psig  
Last Calib.: 1899.12.30  
Time On Btm: 2007.01.29 @ 23:12:33  
Time Off Btm: 2007.01.30 @ 03:58:33

**TEST COMMENT:** IF Weak surface blow  
ISI No blow back  
FF No blow  
FS No blow back



## PRESSURE SUMMARY

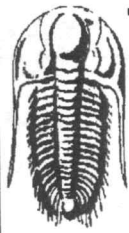
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2716.48	123.45	Initial Hydro-static
1	22.90	122.33	Open To Flow (1)
35	37.24	124.14	Shut-In (1)
125	1596.73	129.87	End Shut-In (1)
125	32.12	129.37	Open To Flow (2)
199	64.44	132.37	Shut-In (2)
286	1528.35	134.57	End Shut-In (2)
286	2416.12	134.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	10%M 40%O 50%G	0.25

## Gas Rates

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



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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Berexco Inc  
Box 20380  
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ATTN: Bryan Bynog

**Cutter #7**  
**1 31 35 Stevens KS**  
Job Ticket: 25726      **DST#: 12**  
Test Start: 2007.01.29 @ 20:45:18

**Tool Information**

Drill Pipe:	Length: 5228.00 ft	Diameter: 3.80 inches	Volume: 73.34 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: 25000.00 lb
Drill Collar:	Length: 358.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 90000.00 lb
		<b>Total Volume:</b>	<b>75.10 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	5610.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	99.00 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			5583.00	
Shut In Tool	5.00			5588.00	
Hydraulic tool	5.00			5593.00	
Jars	5.00			5598.00	
Safety Joint	3.00			5601.00	
Packer	5.00			5606.00	28.00 Bottom Of Top Packer
Packer	4.00			5610.00	
Stubb	1.00			5611.00	
Perforations	1.00			5612.00	
Change Over Sub	1.00			5613.00	
Drill Pipe	61.00			5674.00	
Change Over Sub	1.00			5675.00	
Recorder	0.00	6751	Inside	5675.00	
Perforations	2.00			5677.00	
Recorder	0.00	11018	Inside	5677.00	
Bullnose	4.00			5681.00	71.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>99.00</b>				



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**1 31 35 Stevens KS**

Job Ticket: 25726

**DST#: 12**

ATTN: Bryan Bynog

Test Start: 2007.01.29 @ 20:45:18

## 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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	10%M 40%O 50%G	0.246

Total Length: 50.00 ft      Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

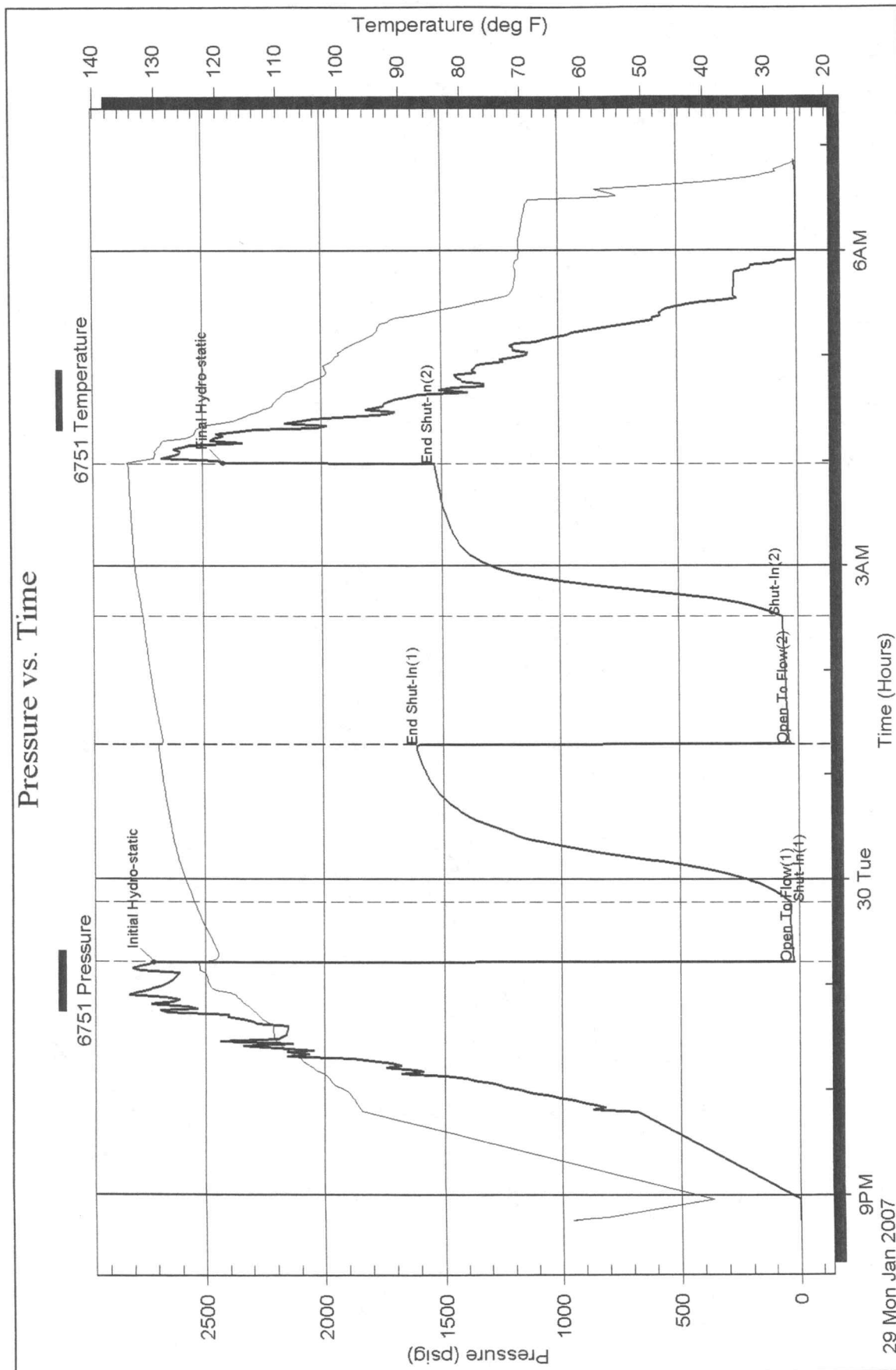
Serial #:

Laboratory Name:

Laboratory Location:

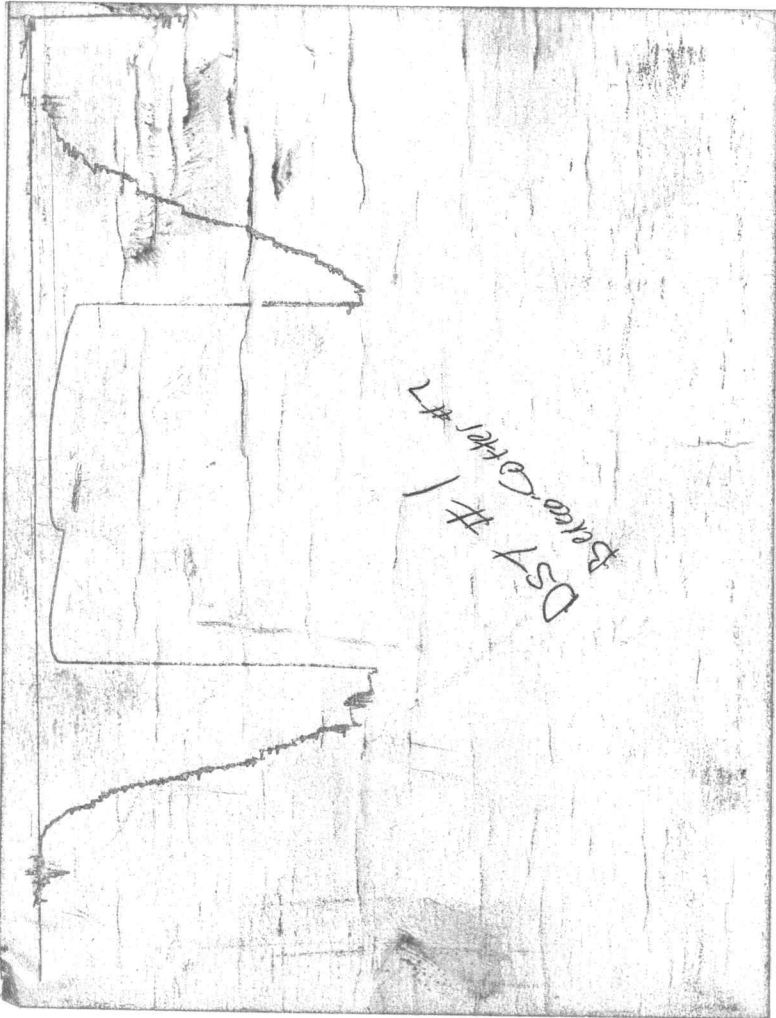
Recovery Comments:

### Pressure vs. Time



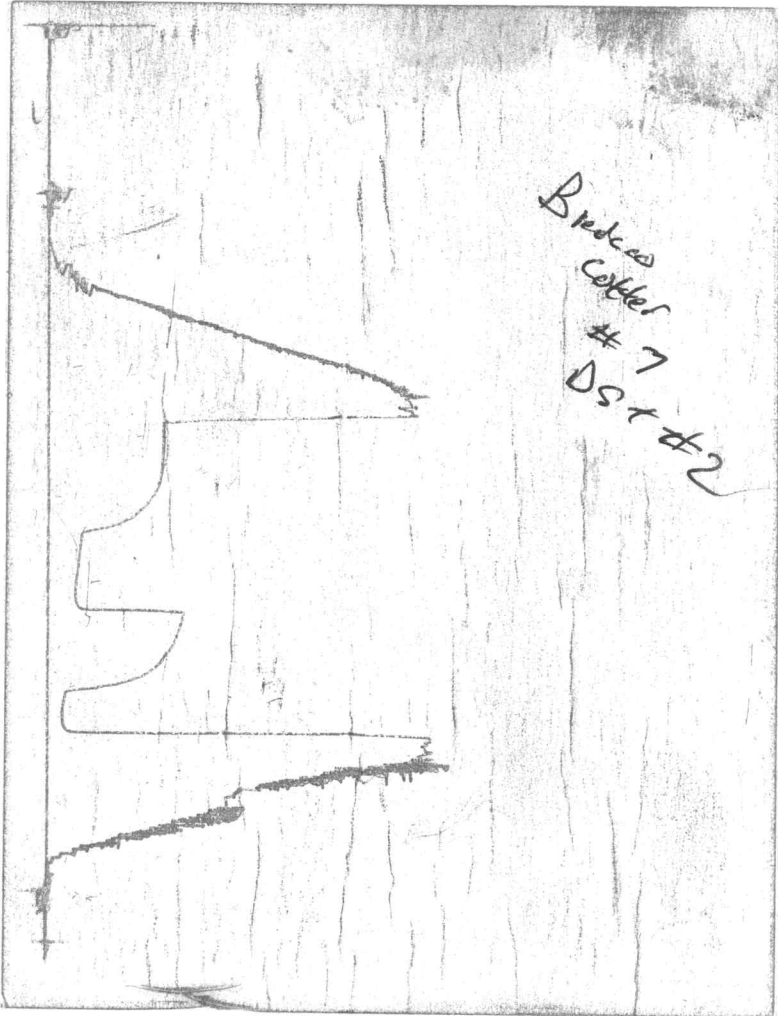
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This is a photocopy of the actual AK-1 recorder chart.



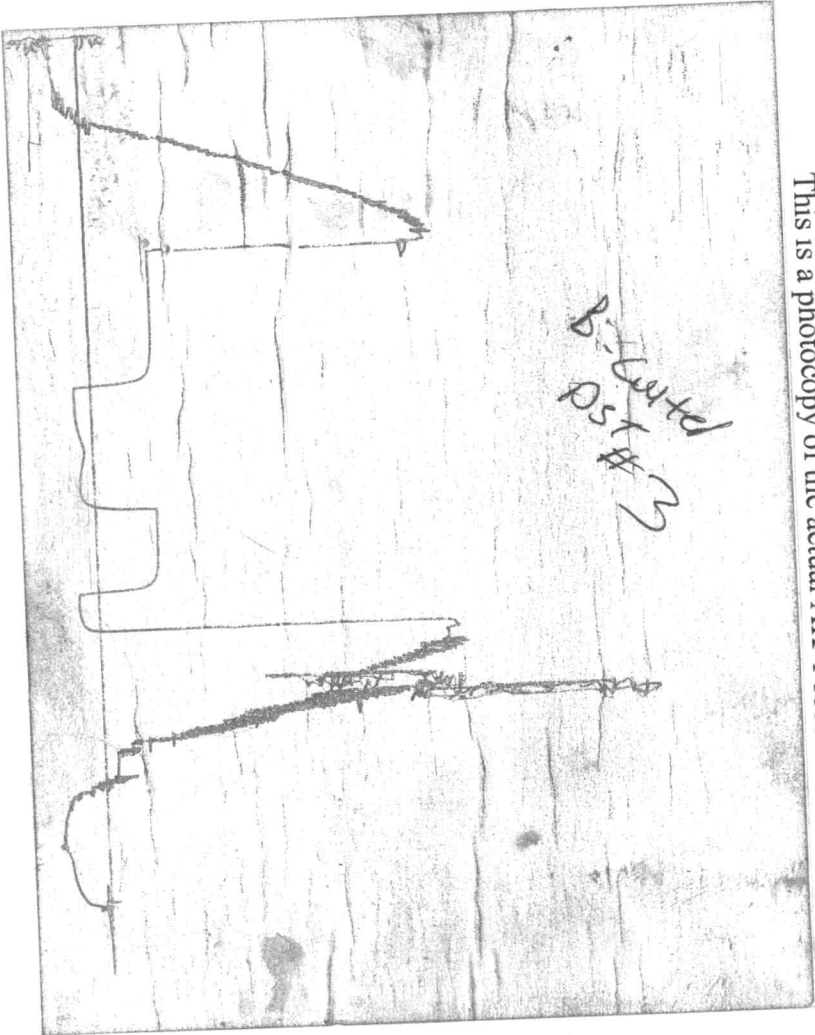
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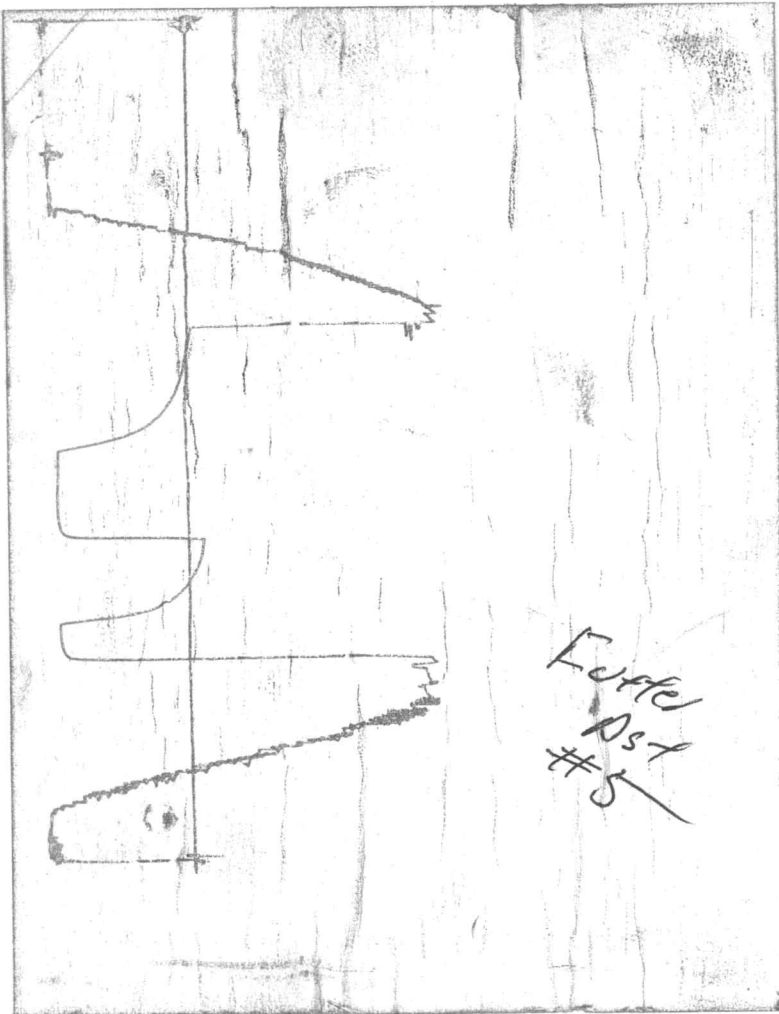
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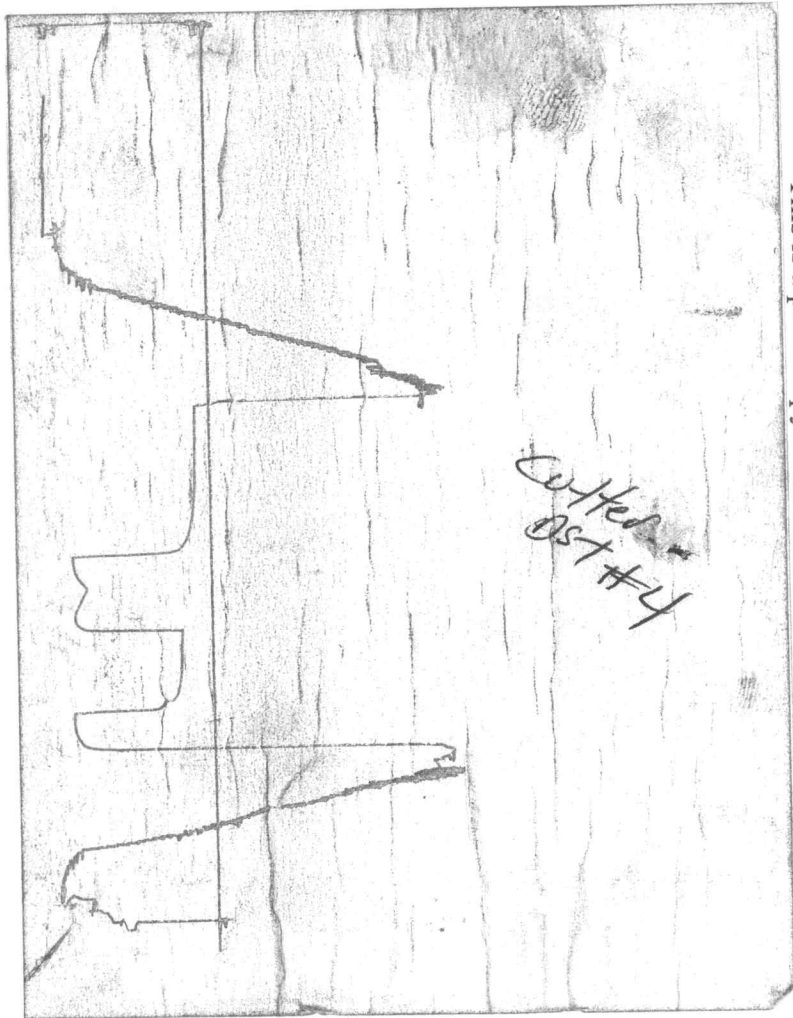
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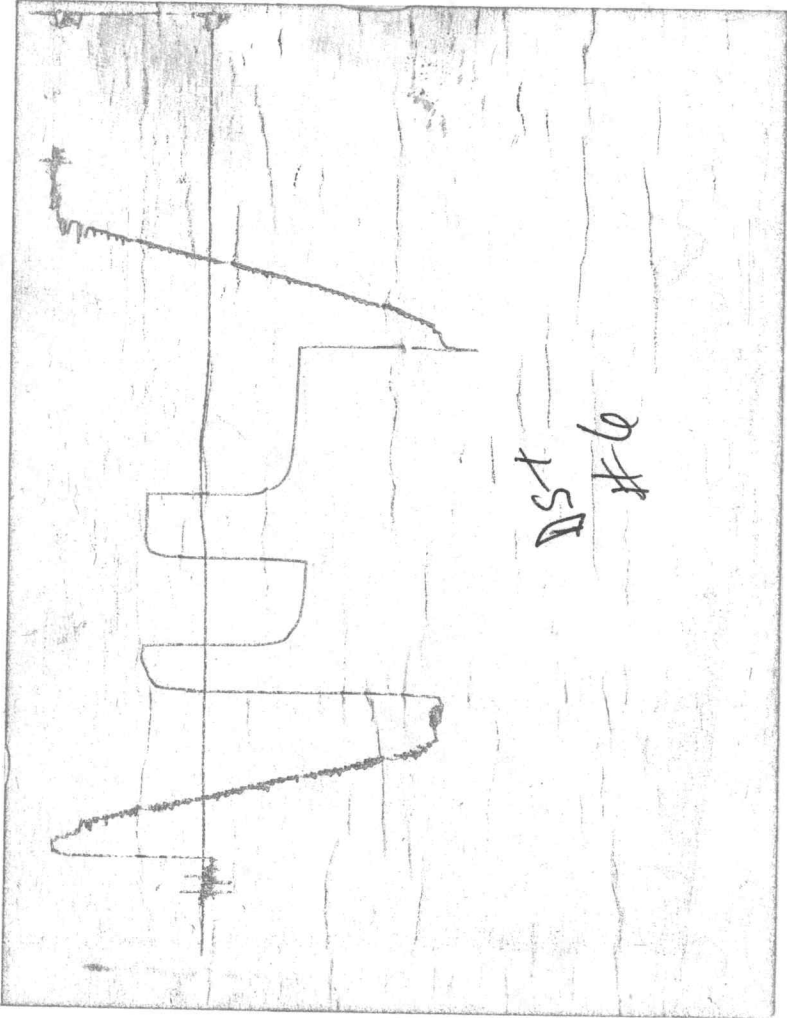
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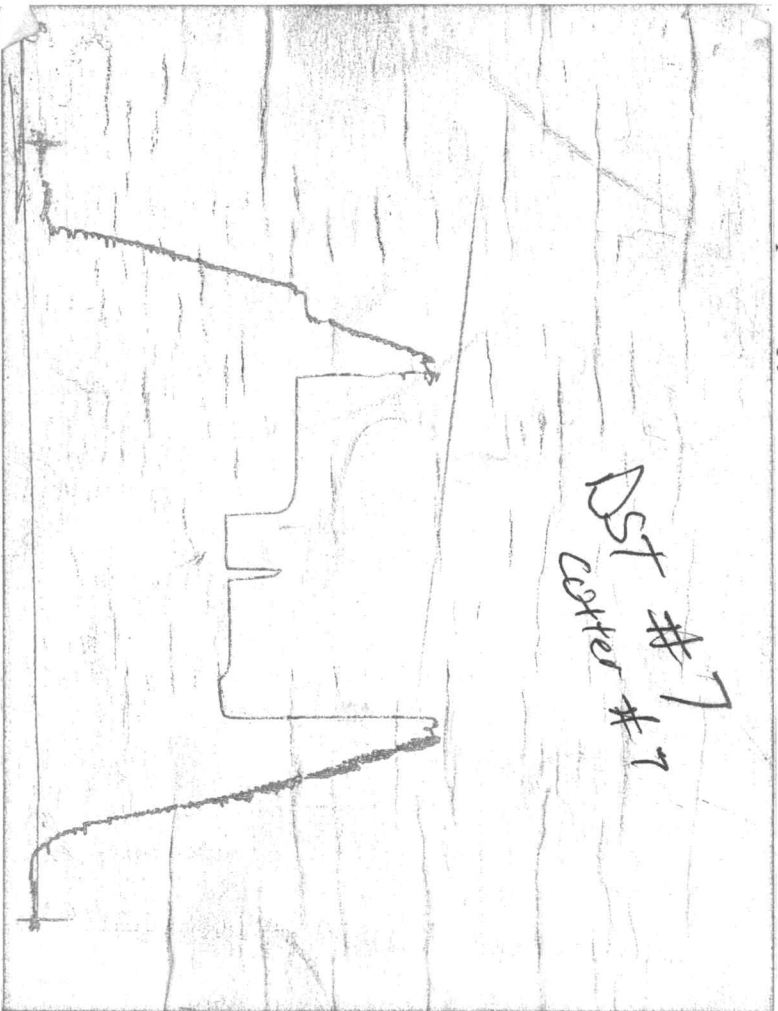
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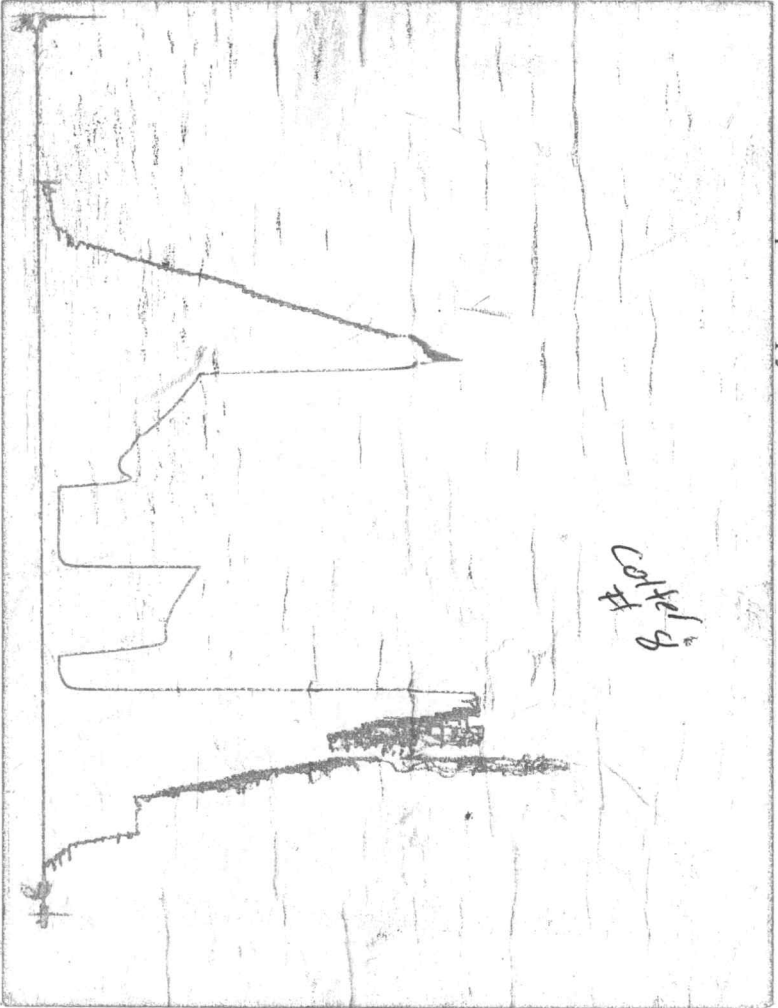
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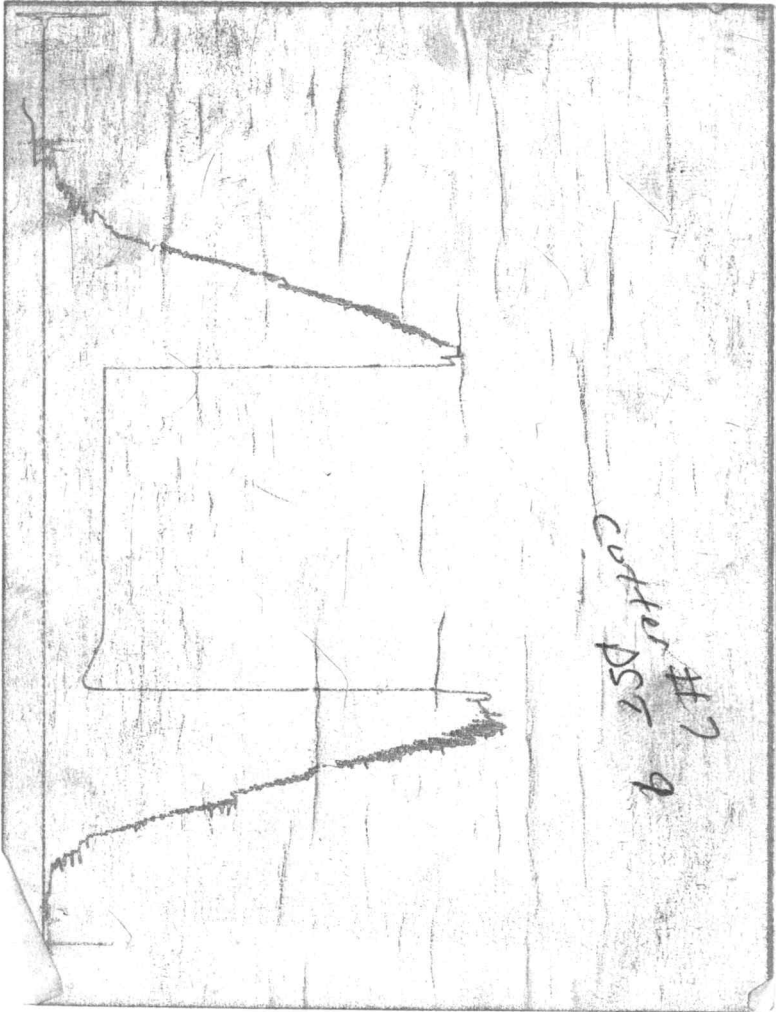
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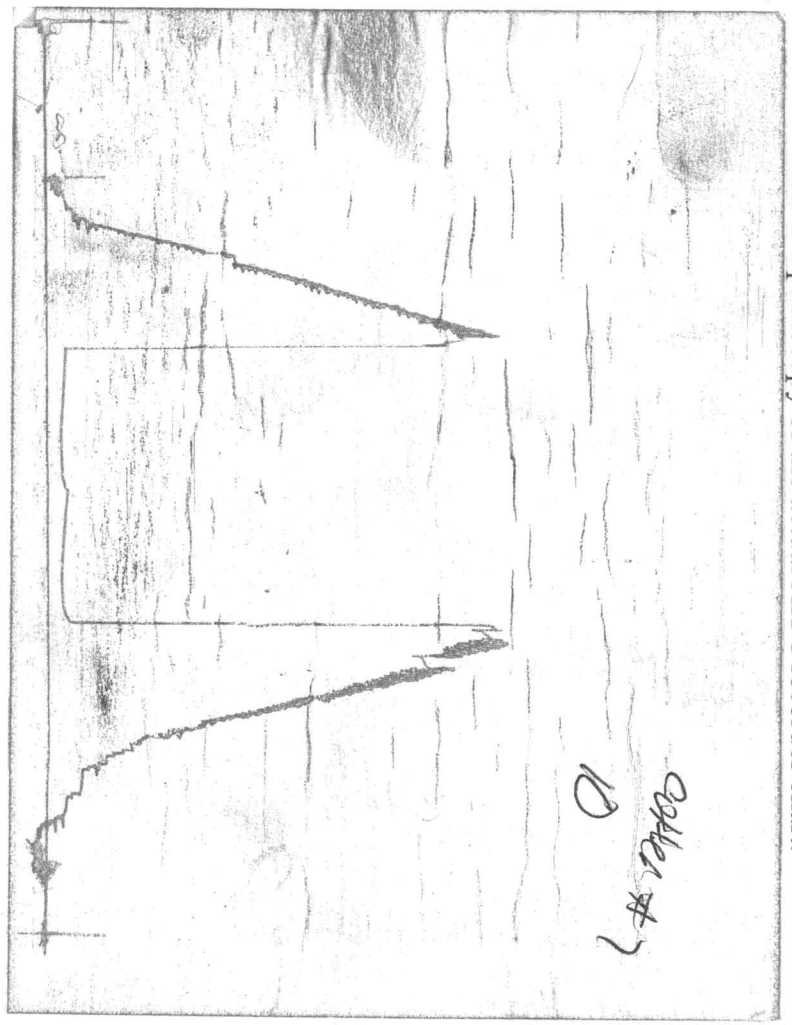
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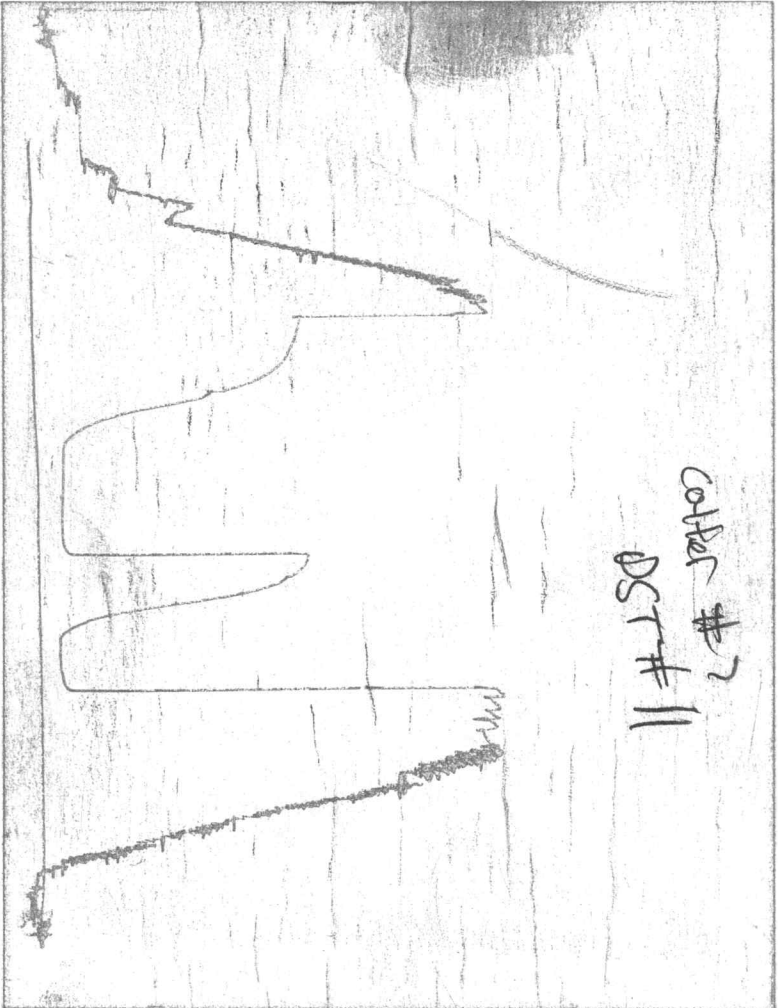
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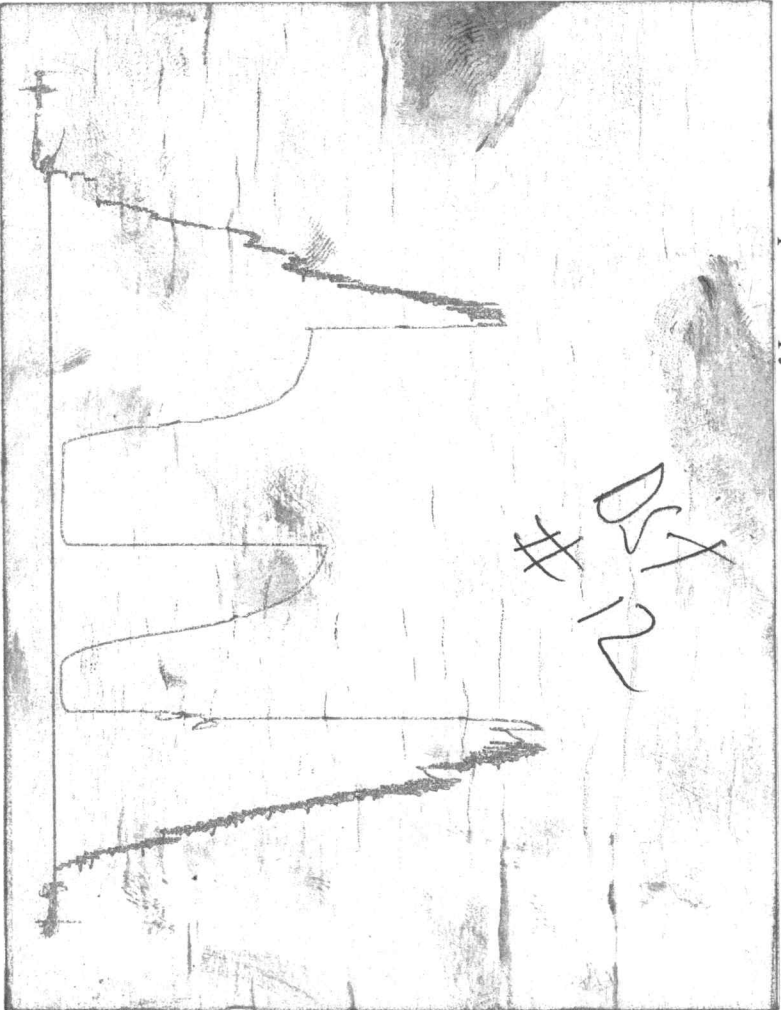
**CHART PAGE**

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