

KCC

MAR 11 2005

CONFIDENTIAL

CONFIDENTIAL

15-109-20739

ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

PO Box 20380

Wichita, KS 67208

CONFIDENTIAL

KCC

ATTN: Bryan Bynog

MAR 11 2005

13-11S-33W

CONFIDENTIAL

Cook WFU #13X

Start Date: 2005.02.10 @ 04:48:19

End Date: 2005.02.10 @ 12:55:34

Job Ticket #: 20423

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc.

Cook WFU #13X

13-11S-33W Logan

DST # 1

LKC "E-F"

2005.02.10



TRILOBITE TESTING, INC
ORIGINAL

DRILL STEM TEST REPORT

Berexco Inc.
PO Box 20380
Wichita KS 67208
ATTN: Bryan Bynog

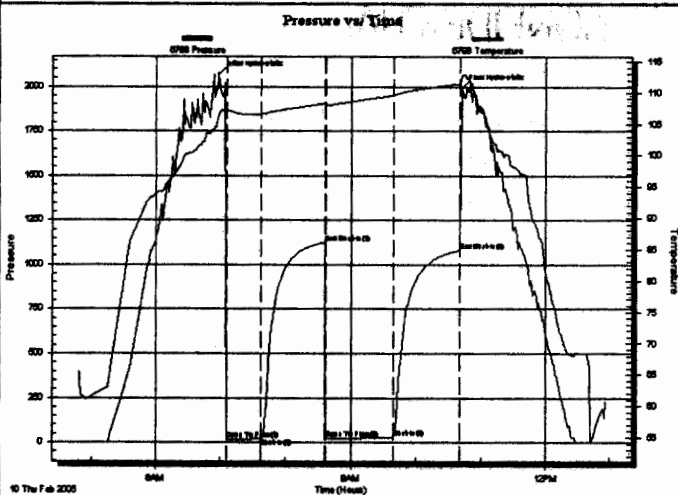
Cook WFU #13X
13-11S-33W Logan
Job Ticket: 20423 DST#: 1
Test Start: 2005.02.10 @ 04:48:19

GENERAL INFORMATION:

Formation: L/KC "E - F"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:05:49
 Time Test Ended: 12:55:34
 Interval: 4148.00 ft (KB) To 4180.00 ft (KB) (TVD)
 Total Depth: 4180.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Rod Steinbrink
 Unit No: 22
 Reference Elevations: 3125.00 ft (KB)
 3114.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6798 Inside
 Press@RunDepth: 27.03 psig @ 4149.00 ft (KB)
 Start Date: 2005.02.10 End Date: 2005.02.10
 Start Time: 04:48:24 End Time: 12:55:33
 Capacity: 7000.00 psig
 Last Calib.: 1899.12.30
 Time On Btm: 2005.02.10 @ 06:58:34
 Time Off Btm: 2005.02.10 @ 10:41:49

TEST COMMENT: F; Weak surface blow died in 22 mins
 FF; No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2068.52	106.05	Initial Hydro-static
8	17.22	107.21	Open To Flow (1)
40	19.17	106.52	Shut-In(1)
98	1125.25	108.24	End Shut-In(1)
99	20.59	108.00	Open To Flow (2)
161	27.03	109.57	Shut-In(2)
222	1081.16	111.43	End Shut-In(2)
224	1992.56	112.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drig. Mud w/Oil Spots	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20423 DST#: 1

ATTN: Bryan Bynog

Test Start: 2005.02.10 @ 04:48:19

Tool Information

Drill Pipe:	Length: 3938.00 ft	Diameter: 3.80 inches	Volume: 55.24 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 56.30 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4148.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4134.00	
Hydraulic tool	5.00			4139.00	
Packer	5.00			4144.00	19.00 Bottom Of Top Packer
Packer	4.00			4148.00	
Stubb	1.00			4149.00	
Recorder	0.00	6798	Inside	4149.00	
Perforations	26.00			4175.00	
Recorder	0.00	13309	Outside	4175.00	
Bullnose	5.00			4180.00	32.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20423

DST#: 1

ATTN: Bryan Bynog

Test Start: 2005.02.10 @ 04:48:19

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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drig. Mud w/Oil Spots	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

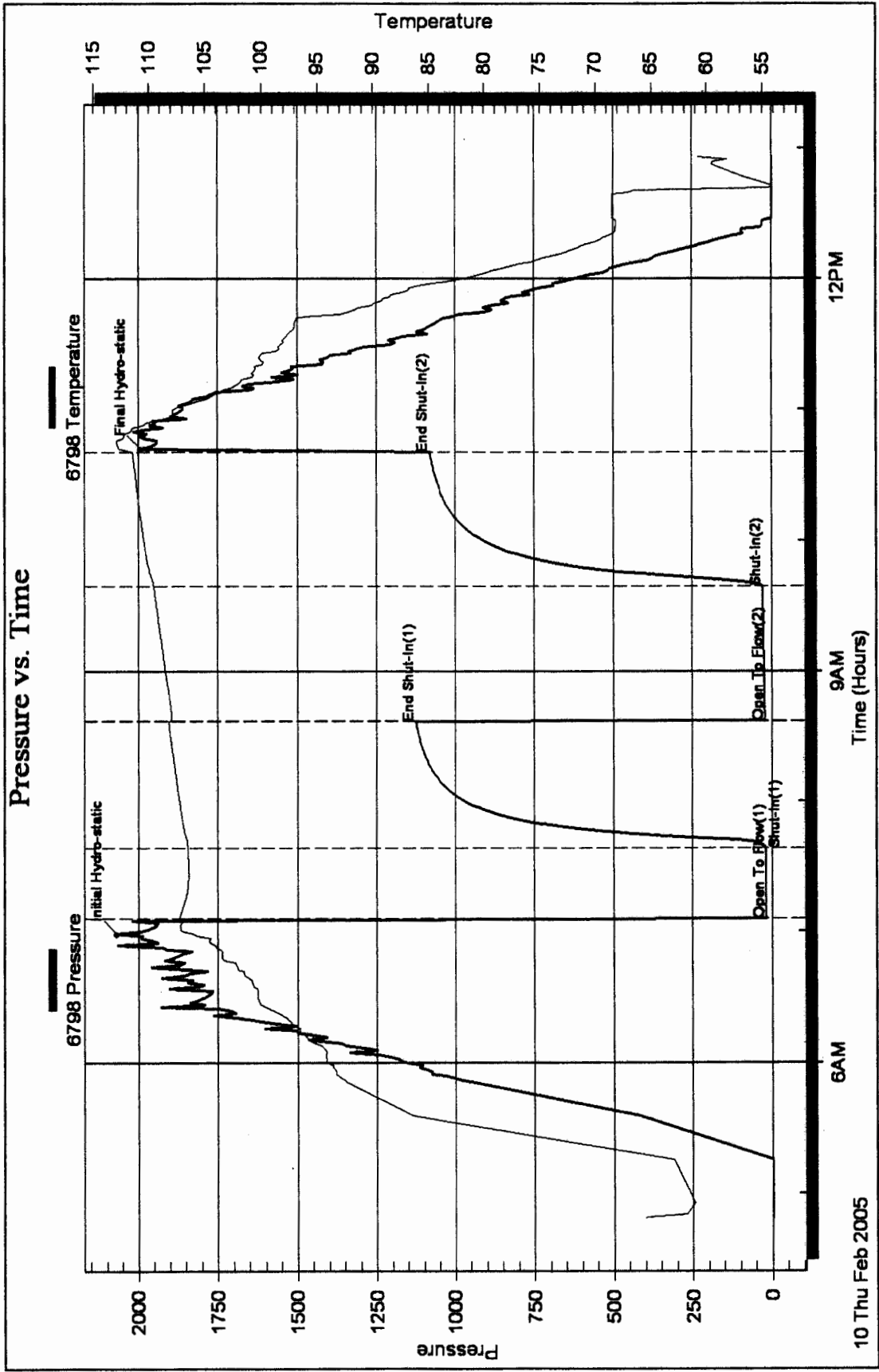
Inside

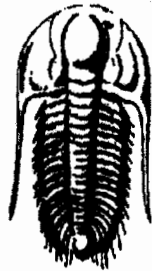
Berexco Inc.

13-11S-33W/Logan

DST Test Number: 1

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

13-11S-33W Logan

Cook WFU #13X

Start Date: 2005.02.11 @ 01:13:14

End Date: 2005.02.11 @ 09:12:44

Job Ticket #: 20424 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc.

Cook WFU #13X

13-11S-33W Logan

DST # 2

L/KC "H - J"

2005.02.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20424

DST#: 2

ATTN: Bryan Bynog

Test Start: 2005.02.11 @ 01:13:14

GENERAL INFORMATION:

Formation: L/KC "H-1"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:00:44

Time Test Ended: 09:12:44

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: 4209.00 ft (KB) To 4280.00 ft (KB) (TVD)

Total Depth: 4280.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3125.00 ft (KB)

3114.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6798

Inside

Press@RunDepth: 24.87 psig @ 4210.00 ft (KB)

Start Date: 2005.02.11

End Date:

2005.02.11

Start Time: 01:13:19

End Time:

09:12:43

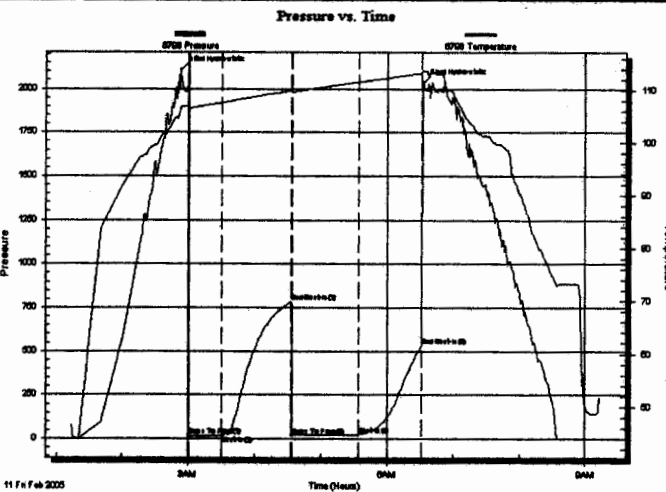
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btmr: 2005.02.11 @ 02:53:14

Time Off Btmr: 2005.02.11 @ 06:32:59

TEST COMMENT: F; Weak 1/4" blow died in 25 mins
FF; No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2107.78	106.35	Initial Hydro-static
8	15.86	106.65	Open To Flow (1)
38	17.58	107.57	Shut-in(1)
100	783.97	109.83	End Shut-in(1)
101	19.90	109.54	Open To Flow (2)
161	24.87	111.47	Shut-in(2)
219	531.65	113.16	End Shut-in(2)
220	2036.61	113.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Slightly Oil Stained Mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.
PO Box 20380
Wichita KS 67208
ATTN: Bryan Bynog

Cook WFU #13X
13-11S-33W Logan
Job Ticket: 20424 DST#: 2
Test Start: 2005.02.11 @ 01:13:14

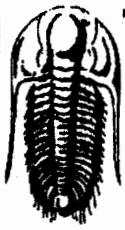
Tool Information

Drill Pipe:	Length: 4001.00 ft	Diameter: 3.80 inches	Volume: 56.12 bbl	Tool Weight: 2500.00 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 57.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4209.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	90.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4195.00	
Hydraulic tool	5.00			4200.00	
Packer	5.00			4205.00	19.00 Bottom Of Top Packer
Packer	4.00			4209.00	
Stubb	1.00			4210.00	
Recorder	0.00	6798	Inside	4210.00	
Perforations	32.00			4242.00	
Change Over Sub	1.00			4243.00	
Anchor	31.00			4274.00	
Change Over Sub	1.00			4275.00	
Recorder	0.00	13309	Outside	4275.00	
Bullnose	5.00			4280.00	71.00 Bottom Packers & Anchor

Total Tool Length: 90.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20424

DST#: 2

ATTN: Bryan Bynog

Test Start: 2005.02.11 @ 01:13:14

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: 8.27 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	Slightly Oil Stained Mud	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

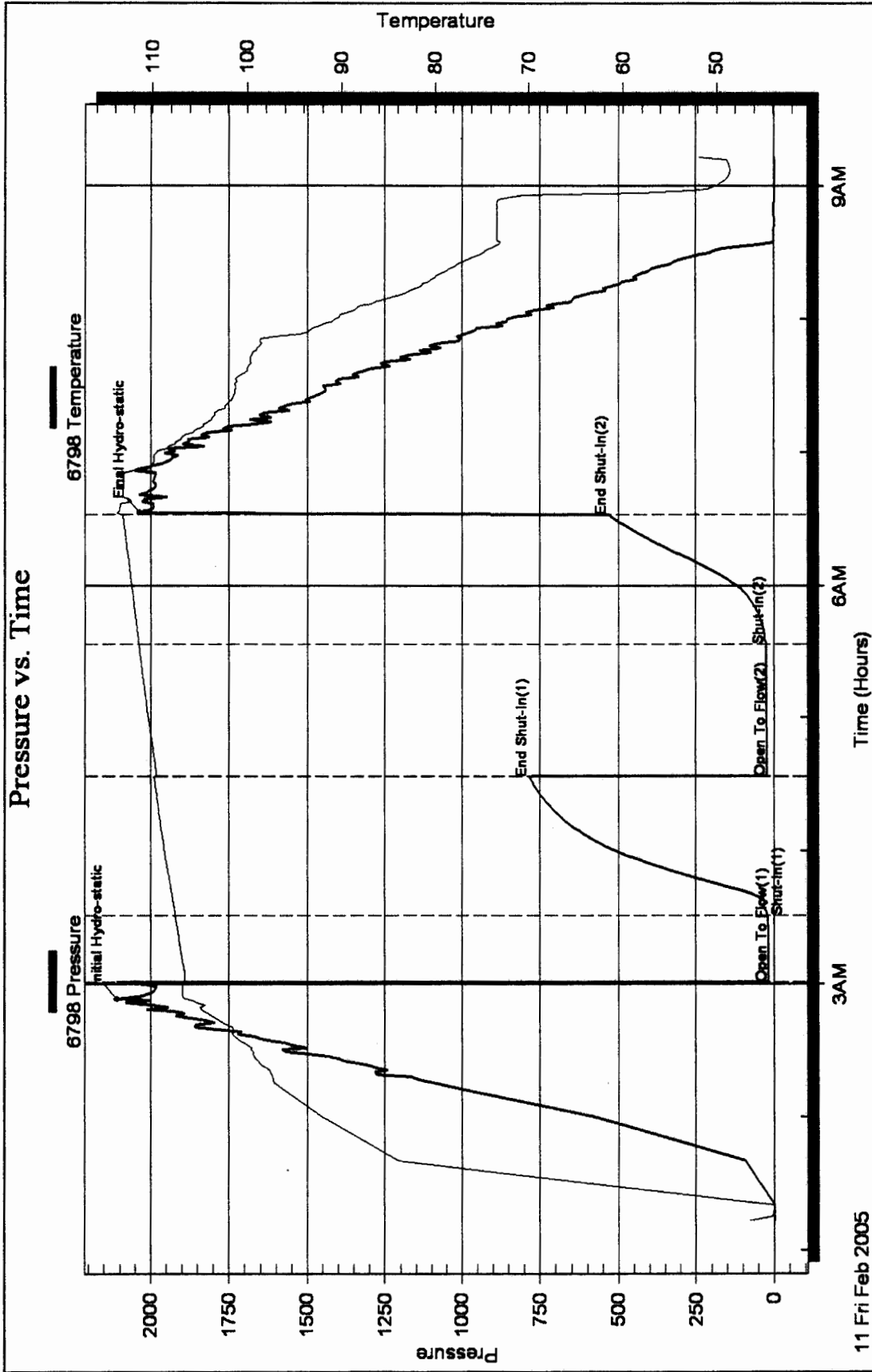
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



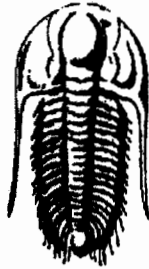
11 Fri Feb 2005

3AM

6AM

9AM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

13-11S-33W Logan

Cook WFU #13X

Start Date: 2005.02.11 @ 18:08:53

End Date: 2005.02.12 @ 01:48:38

Job Ticket #: 20425 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc.

Cook WFU #13X

13-11S-33W Logan

DST # 3

L/KC "J"

2005.02.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Berexco Inc.

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

Cook WFU #13X

13-11S-33W Logan

Job Ticket: 20425 DST#: 3

Test Start: 2005.02.11 @ 18:08:53

GENERAL INFORMATION:

Formation: L/KC "J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:49:08

Time Test Ended: 01:48:38

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: 4270.00 ft (KB) To 4305.00 ft (KB) (TVD)

Total Depth: 4305.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3125.00 ft (KB)

3114.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press@RunDepth: 18.10 psig @ 4271.00 ft (KB)

Start Date: 2005.02.11

End Date:

2005.02.12

Start Time: 18:08:58

End Time:

01:34:22

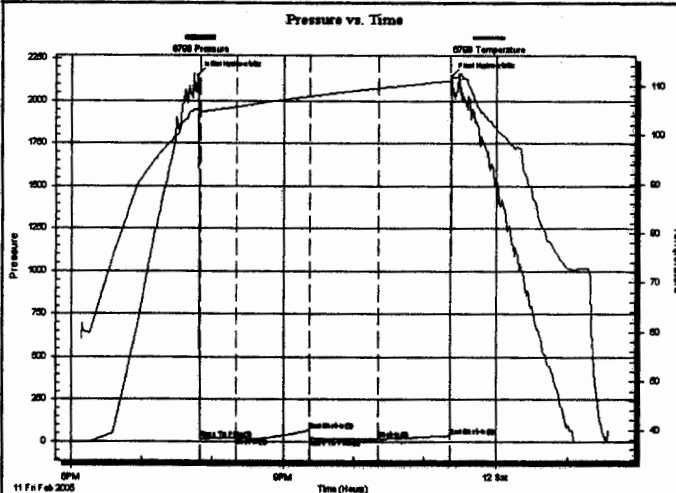
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btrr: 2005.02.11 @ 19:47:23

Time Off Btrr: 2005.02.11 @ 23:22:38

TEST COMMENT: F; Weak 1/4" blow died at 30 mins
FF; No return blow



PRESSURE SUMMARY

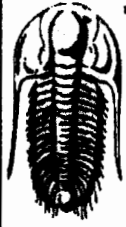
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2149.88	105.24	Initial Hydro-static
2	18.72	104.92	Open To Flow (1)
33	19.73	105.61	Shut-In(1)
95	68.62	107.78	End Shut-In(1)
95	19.51	107.79	Open To Flow (2)
154	18.10	109.48	Shut-In(2)
215	36.67	110.97	End Shut-In(2)
216	2145.71	111.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig. Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.
PO Box 20380
Wichita KS 67208

Cook WFU #13X
13-11S-33W Logan
Job Ticket: 20425 DST#: 3
Test Start: 2005.02.11 @ 18:08:53

ATTN: Bryan Bynog

Tool Information

Drill Pipe:	Length: 4064.00 ft	Diameter: 3.80 inches	Volume: 57.01 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4270.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Shut in Tool	5.00			4256.00	
Hydraulic tool	5.00			4261.00	
Packer	5.00			4266.00	19.00 Bottom Of Top Packer
Packer	4.00			4270.00	
Stubb	1.00			4271.00	
Recorder	0.00	6798	Inside	4271.00	
Perforations	29.00			4300.00	
Recorder	0.00	13309	Outside	4300.00	
Bullnose	5.00			4305.00	35.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wchita KS 67208

13-11S-33W Logan

Job Ticket: 20425

DST#: 3

ATTN: Bryan Bynog

Test Start: 2005.02.11 @ 18:08:53

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:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig. Mud	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:

Serial #: 6798

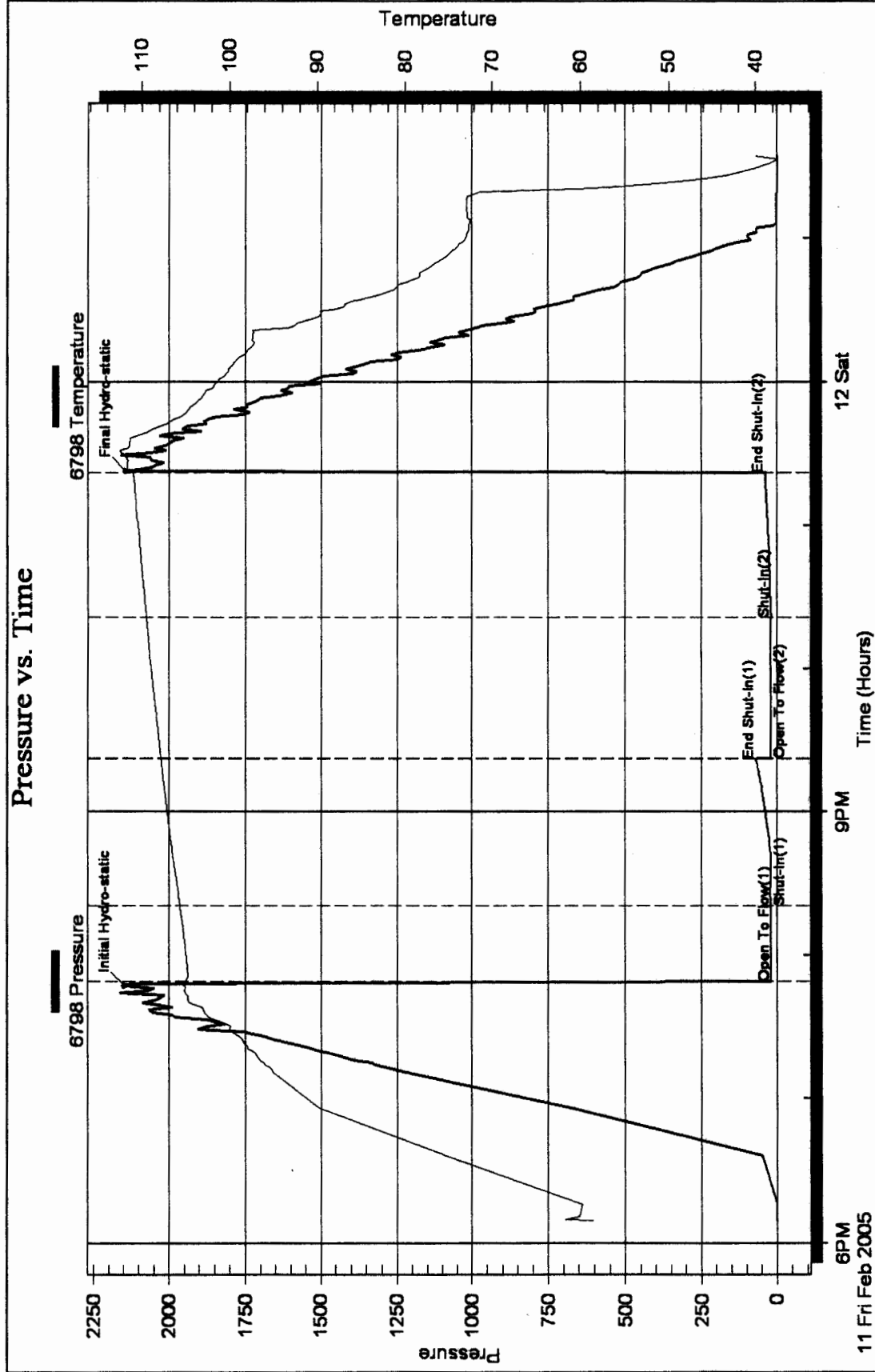
Inside

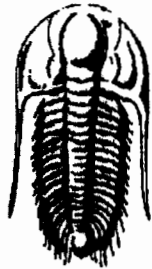
Berexco Inc.

13-11S-33W Logan

DST Test Number: 3

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

13-11S-33W Logan

Cook WFU #13X

Start Date: 2005.02.12 @ 09:37:28

End Date: 2005.02.12 @ 16:40:43

Job Ticket #: 20427 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Berexco Inc.

Cook WFU #13X

13-11S-33W Logan

DST # 4

LKC "K"

2005.02.12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Berexco Inc.

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

Cook WFU #13X

13-11S-33W Logan

Job Ticket: 20427

DST#: 4

Test Start: 2005.02.12 @ 09:37:28

GENERAL INFORMATION:

Formation: L/KC "K"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:06:28

Time Test Ended: 16:40:43

Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Interval: 4300.00 ft (KB) To 4330.00 ft (KB) (TVD)

Total Depth: 4330.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3125.00 ft (KB)

3114.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6798 Inside

Press@RunDepth: 19.84 psig @ 4301.00 ft (KB)

Start Date: 2005.02.12

End Date:

2005.02.12

Start Time: 09:37:33

End Time:

16:40:42

Capacity: 7000.00 psig

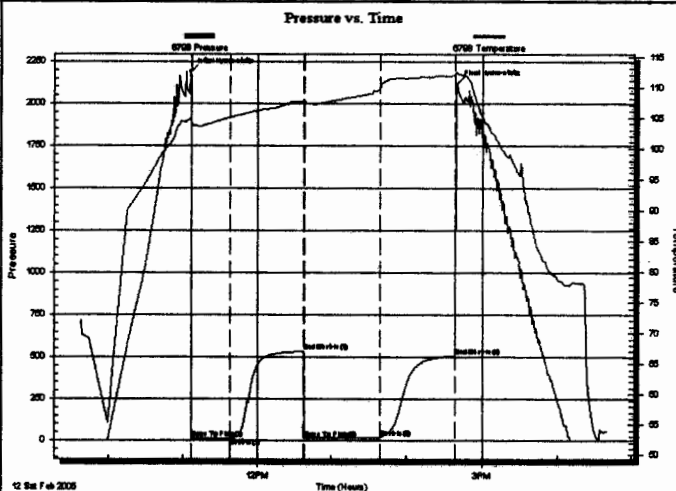
Last Calib.: 1899.12.30

Time On Btrm: 2005.02.12 @ 11:05:13

Time Off Btrm: 2005.02.12 @ 14:39:43

TEST COMMENT: IF; Weak surface blow died in 11 mins

FF; No return blow



PRESSURE SUMMARY

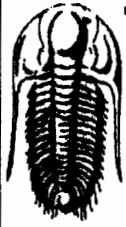
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2188.09	104.92	Initial Hydro-static
2	10.28	104.39	Open To Flow (1)
33	13.41	105.03	Shut-In(1)
93	533.54	107.68	End Shut-In(1)
93	14.97	107.50	Open To Flow (2)
154	19.84	109.46	Shut-In(2)
214	508.81	111.93	End Shut-In(2)
215	2117.76	112.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig. Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.
PO Box 20380
Wichita KS 67208

Cook WFU #13X
13-11S-33W Logan
Job Ticket: 20427 **DST#: 4**
Test Start: 2005.02.12 @ 09:37:28

ATTN: Bryan Bynog

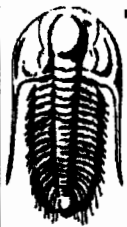
Tool Information

Drill Pipe:	Length: 4097.00 ft	Diameter: 3.80 inches	Volume: 57.47 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4300.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4286.00	
Hydraulic tool	5.00			4291.00	
Packer	5.00			4296.00	19.00 Bottom Of Top Packer
Packer	4.00			4300.00	
Stubb	1.00			4301.00	
Recorder	0.00	6798	Inside	4301.00	
Perforations	24.00			4325.00	
Recorder	0.00	13309	Outside	4325.00	
Bullnose	5.00			4330.00	30.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20427

DST#: 4

ATTN: Bryan Bynog

Test Start: 2005.02.12 @ 09:37:28

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Drig. Mud	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:

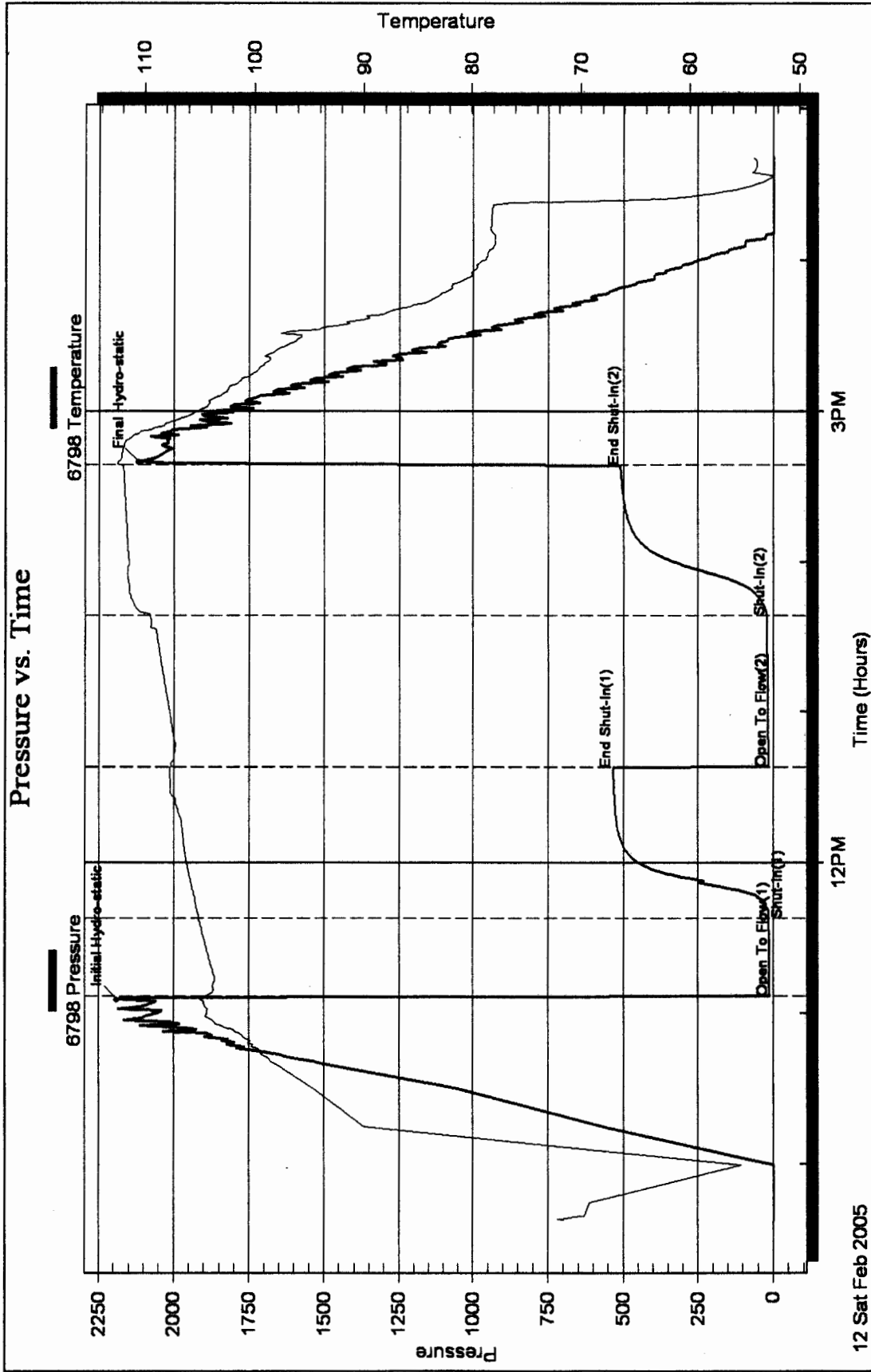
Serial #: 6798

Inside Berexco Inc.

13-11S-33W Logan

DST Test Number: 4

Pressure vs. Time

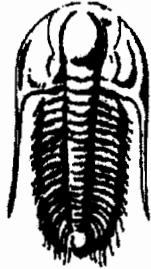


12 Sat Feb 2005

3PM

12PM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Berexco Inc.**

PO Box 20380
Wichita KS 67208

ATTN: Bryan Bynog

13-11S-33W Logan

Cook WFU #13X

Start Date: 2005.02.13 @ 16:25:25

End Date: 2005.02.14 @ 00:52:00

Job Ticket #: 20428 DST #: 5

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

Berexco Inc.

Cook WFU #13X

13-11S-33W Logan

DST # 5

Johnson

2005.02.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20428

DST#: 5

ATTN: Bryan Bynog

Test Start: 2005.02.13 @ 16:25:25

Tool Information

Drill Pipe:	Length: 4345.00 ft	Diameter: 3.80 inches	Volume: 60.95 bbl	Tool Weight: 2500.00 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: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 62.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4570.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Shut In Tool	5.00			4556.00	
Hydraulic tool	5.00			4561.00	
Packer	5.00			4566.00	19.00 Bottom Of Top Packer
Packer	4.00			4570.00	
Stubb	1.00			4571.00	
Recorder	0.00	6798	Inside	4571.00	
Perforations	24.00			4595.00	
Change Over Sub	1.00			4596.00	
Anchor	31.00			4627.00	
Change Over Sub	1.00			4628.00	
Recorder	0.00	13309	Outside	4628.00	
Bullnose	5.00			4633.00	63.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco Inc.

Cook WFU #13X

PO Box 20380
Wichita KS 67208

13-11S-33W Logan

Job Ticket: 20428

DST#: 5

ATTN: Bryan Bynog

Test Start: 2005.02.13 @ 16:25:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.49 in²

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drig. Mud	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:

Serial #: 6798

Inside

Berexco Inc.

13-11S-33W/Logan

DST Test Number: 5

Pressure vs. Time

