

15-009-25153

3-19s-12w



DRILL STEM TEST REPORT

Prepared For: **LD Drilling/Tomlinson Operating**

7 SW 26th Ave
Great Bend KS 67530

ATTN: Bob O'Dell

3 19S 12W Barton KS

Hammeke/Baldwin Unit #1

Start Date: 2008.01.16 @ 16:37:22

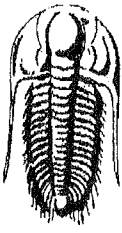
End Date: 2008.01.17 @ 00:01:22

Job Ticket #: 30248 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

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30248 DST#: 1

ATTN: Bob O'Dell

Test Start: 2008.01.16 @ 16:37:22

GENERAL INFORMATION:

Formation: **Lansing "A-B"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:12:52
 Time Test Ended: 00:01:22

Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32

Interval: **3106.00 ft (KB) To 3155.00 ft (KB) (TVD)**
 Total Depth: 3155.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1812.00 ft (KB)
 1802.00 ft (CF)
 KB to GR/CF: 10.00 ft

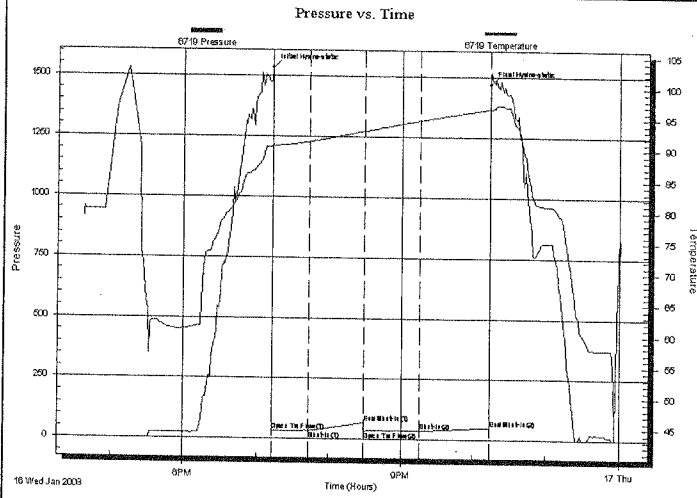
Serial #: 6719

Inside

Press@RunDepth: 36.13 psig @ 3110.00 ft (KB)
 Start Date: 2008.01.16 End Date: 2008.01.17
 Start Time: 16:37:24 End Time: 00:01:22

Capacity: 7000.00 psig
 Last Calib.: 2008.01.17
 Time On Btm: 2008.01.16 @ 19:12:22
 Time Off Btm: 2008.01.16 @ 22:13:52

TEST COMMENT: IFP Weak Blow Built to 1-1/2 "
 ISI Dead
 FFP Dead
 FSI Dead



PRESSURE SUMMARY

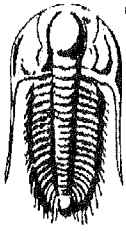
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1532.94	90.87	Initial Hydro-static
1	32.89	90.63	Open To Flow (1)
31	34.38	91.25	Shut-In(1)
76	68.63	92.98	End Shut-In(1)
77	34.47	92.99	Open To Flow (2)
123	36.13	94.72	Shut-In(2)
181	50.56	96.61	End Shut-In(2)
182	1468.84	96.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30248

DST#: 1

ATTN: Bob O'Dell

Test Start: 2008.01.16 @ 16:37:22

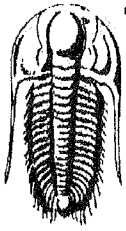
Tool Information

Drill Pipe:	Length: 3060.00 ft	Diameter: 3.80 inches	Volume: 42.92 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 38000.00 lb
			<u>Total Volume: 43.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3106.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 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			3079.00	
Shut In Tool	5.00			3084.00	
Hydraulic tool	5.00			3089.00	
Jars	5.00			3094.00	
Safety Joint	2.00			3096.00	
Packer	5.00			3101.00	28.00 Bottom Of Top Packer
Packer	5.00			3106.00	
Stubb	1.00			3107.00	
Perforations	2.00			3109.00	
Change Over Sub	1.00			3110.00	
Recorder	0.00	6719	Inside	3110.00	
Blank Spacing	31.00			3141.00	
Change Over Sub	1.00			3142.00	
Perforations	10.00			3152.00	
Recorder	0.00	8360	Outside	3152.00	
Bullnose	3.00			3155.00	49.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30248

DST#: 1

ATTN: Bob O'Dell

Test Start: 2008.01.16 @ 16:37:22

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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud	0.015

Total Length:

3.00 ft

Total Volume:

0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Hammek-Baldwin Unit #1

DST Test Number: 1

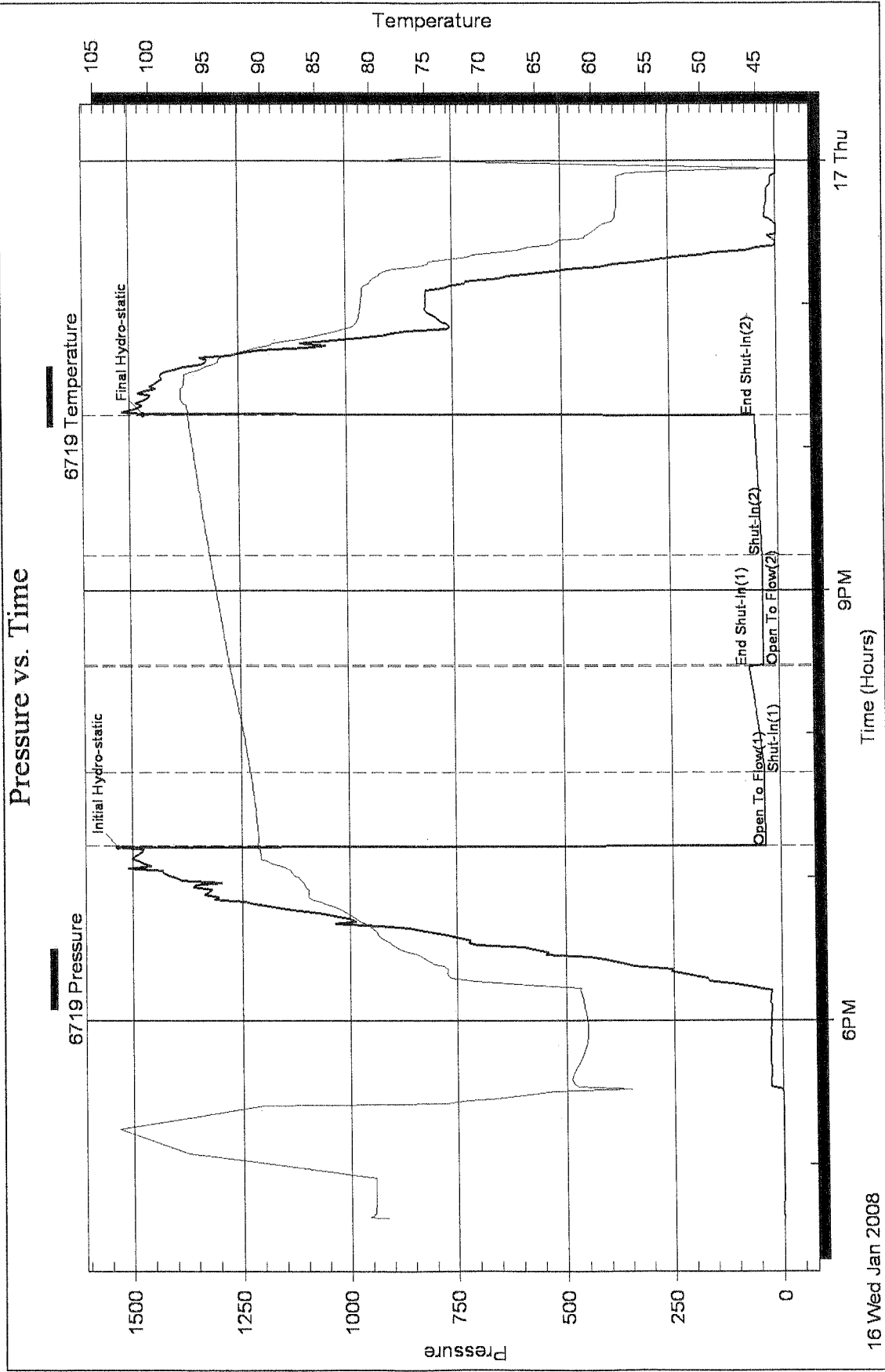
3 19S 12W Barton KS

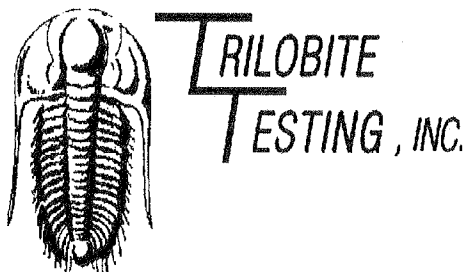
LD Drilling/Tominson Operating

Inside

Serial #: 6719

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **LD Drilling/Tomlinson Operating**

7 SW 26th Ave
Great Bend KS 67530

ATTN: Bob O'Dell

3 19S 12W Barton KS

Hammeke/Baldwin Unit #1

Start Date: 2008.01.17 @ 10:05:12

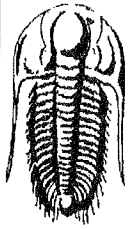
End Date: 2008.01.17 @ 16:41:12

Job Ticket #: 30249 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

ATTN: Bob O'Dell

Job Ticket: 30249

DST#: 2

Test Start: 2008.01.17 @ 10:05:12

GENERAL INFORMATION:

Formation: **"C-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:53:12

Time Test Ended: 16:41:12

Interval: **3158.00 ft (KB) To 3195.00 ft (KB) (TVD)**

Total Depth: 3195.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Reference Elevations: 1812.00 ft (KB)

1802.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6719

Inside

Press@RunDepth: 30.69 psig @ 3159.00 ft (KB)

Start Date: 2008.01.17

End Date:

2008.01.17

Start Time: 10:05:14

End Time:

16:41:12

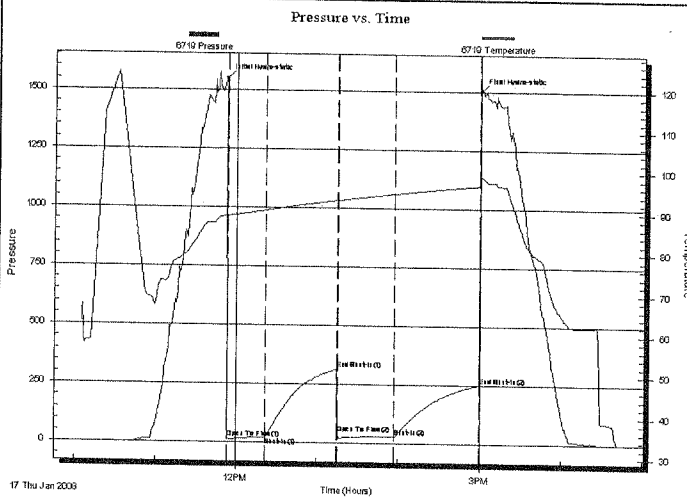
Capacity: 7000.00 psig

Last Calib.: 2008.01.17

Time On Btm: 2008.01.17 @ 11:52:42

Time Off Btm: 2008.01.17 @ 15:00:12

TEST COMMENT: IFP Good Blow BOB in 8-1/2 Mn.
ISI Dead
FFP Fair Blow BOB in 14 Mn.
FSI Dead



PRESSURE SUMMARY

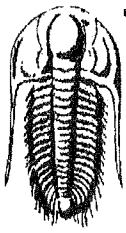
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.27	89.15	Initial Hydro-static
1	18.45	89.02	Open To Flow (1)
29	21.00	90.43	Shut-In(1)
82	314.06	92.98	End Shut-In(1)
83	41.13	92.91	Open To Flow(2)
125	30.69	94.64	Shut-In(2)
187	251.08	96.73	End Shut-In(2)
188	1498.49	98.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	VSOCM 5%O 95%M	0.15
0.00	240 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30249

DST#: 2

ATTN: Bob O'Dell

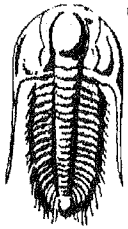
Test Start: 2008.01.17 @ 10:05:12

Tool Information

Drill Pipe:	Length: 3121.00 ft	Diameter: 3.80 inches	Volume: 43.78 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 43.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3158.00 ft			Final 31000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 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			3131.00	
Shut In Tool	5.00			3136.00	
Hydraulic tool	5.00			3141.00	
Jars	5.00			3146.00	
Safety Joint	2.00			3148.00	
Packer	5.00			3153.00	28.00 Bottom Of Top Packer
Packer	5.00			3158.00	
Stubb	1.00			3159.00	
Recorder	0.00	6719	Inside	3159.00	
Perforations	3.00			3162.00	
Recorder	0.00	8360	Outside	3162.00	
Perforations	30.00			3192.00	
Bullnose	3.00			3195.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30249

DST#: 2

ATTN: Bob O'Dell

Test Start: 2008.01.17 @ 10:05:12

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 7200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	VSOCM 5%O 95%M	0.148
0.00	240 GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Hammett-Baldwin Unit #1

DST Test Number: 2

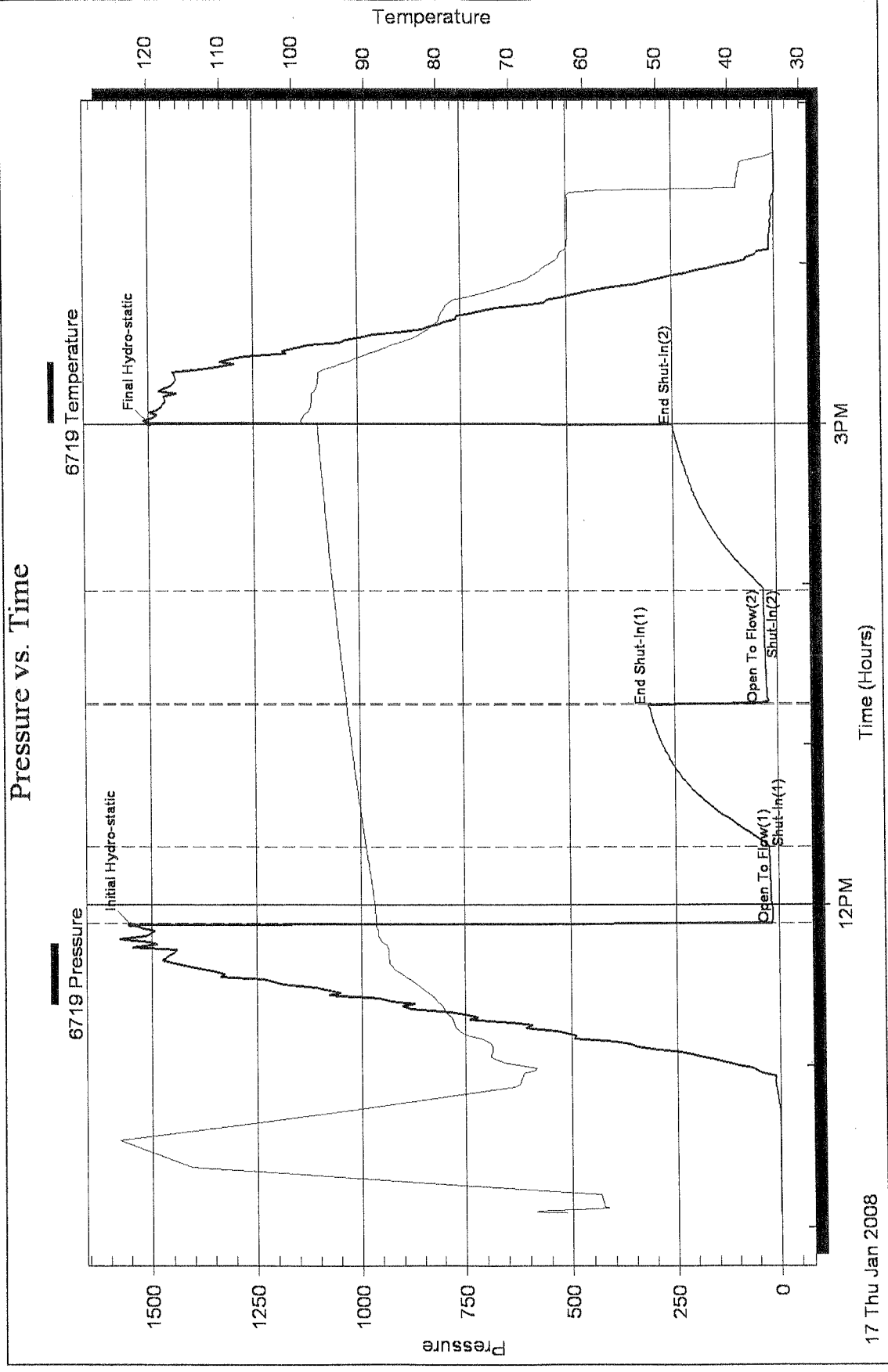
3 19S 12W Barton KS

LD Drilling/Tomlinson Operating

Inside

Serial #: 6719

Pressure vs. Time

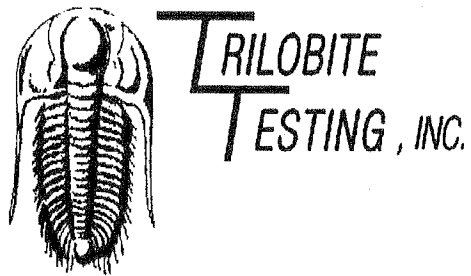


17 Thu Jan 2008

3PM

12PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **LD Drilling/Tomlinson Operating**

7 SW 26th Ave
Great Bend KS 67530

ATTN: Bob O'Dell

3 19S 12W Barton KS

Hammeke/Baldwin Unit #1

Start Date: 2008.01.18 @ 05:37:46

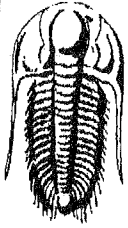
End Date: 2008.01.18 @ 12:51:16

Job Ticket #: 30250 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

LD Drilling/Tomlinson Operating

7 SW 26th Ave
Great Bend KS 67530

ATTN: Bob O'Dell

Hammeke/Baldwin Unit #1

3 19S 12W Barton KS

Job Ticket: 30250

DST#: 3

Test Start: 2008.01.18 @ 05:37:46

GENERAL INFORMATION:

Formation: **"H-I-J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:52:16

Time Test Ended: 12:51:16

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3240.00 ft (KB) To 3330.00 ft (KB) (TVD)**

Total Depth: 3330.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1812.00 ft (KB)

1802.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6719

Inside

Press@RunDepth: 86.09 psig @ 3244.00 ft (KB)

Start Date: 2008.01.18

End Date:

2008.01.18

Capacity: 7000.00 psig

Start Time: 05:37:48

End Time:

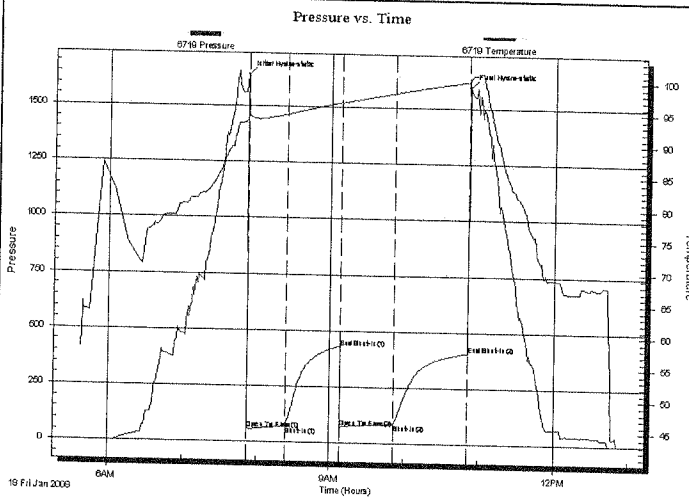
12:51:16

Last Calib.: 2008.01.18

Time On Btm: 2008.01.18 @ 07:51:46

Time Off Btm: 2008.01.18 @ 10:51:46

TEST COMMENT: IFP Good Blow BOB in 6 Mn.
ISI Dead
FFP Good Blow BOB in 9 Mn.
FSI Dead



PRESSURE SUMMARY

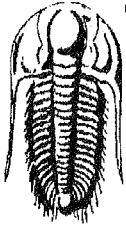
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.79	93.69	Initial Hydro-static
1	57.39	94.23	Open To Flow (1)
32	72.02	94.50	Shut-In(1)
76	426.56	96.49	End Shut-In(1)
77	70.17	96.42	Open To Flow (2)
120	86.09	98.02	Shut-In(2)
180	406.87	99.94	End Shut-In(2)
180	1595.30	100.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	GHOCWM 20%G 25%O 15%W 40%M	0.99
0.00	330' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30250

DST#: 3

ATTN: Bob O'Dell

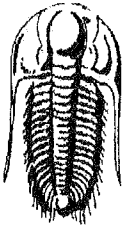
Test Start: 2008.01.18 @ 05:37:46

Tool Information

Drill Pipe:	Length: 3214.00 ft	Diameter: 3.80 inches	Volume: 45.08 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 35000.00 lb
			Total Volume: 45.23 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 33000.00 lb
Depth to Top Packer:	3240.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	118.00 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			3213.00	
Shut In Tool	5.00			3218.00	
Hydraulic tool	5.00			3223.00	
Jars	5.00			3228.00	
Safety Joint	2.00			3230.00	
Packer	5.00			3235.00	28.00 Bottom Of Top Packer
Packer	5.00			3240.00	
Stubb	1.00			3241.00	
Perforations	2.00			3243.00	
Change Over Sub	1.00			3244.00	
Recorder	0.00	6719	Inside	3244.00	
Blank Spacing	62.00			3306.00	
Change Over Sub	1.00			3307.00	
Perforations	20.00			3327.00	
Recorder	0.00	8360	Outside	3327.00	
Bullnose	3.00			3330.00	90.00 Bottom Packers & Anchor
Total Tool Length:	118.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 30250

DST#: 3

ATTN: Bob O'Dell

Test Start: 2008.01.18 @ 05:37:46

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 7200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 80000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	GHOCWM 20%G 25%O 15%W 40%M	0.989
0.00	330' GIP	0.000

Total Length: 90.00 ft Total Volume: 0.989 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Hammeke-Baldwin Unit #1

DST Test Number: 3

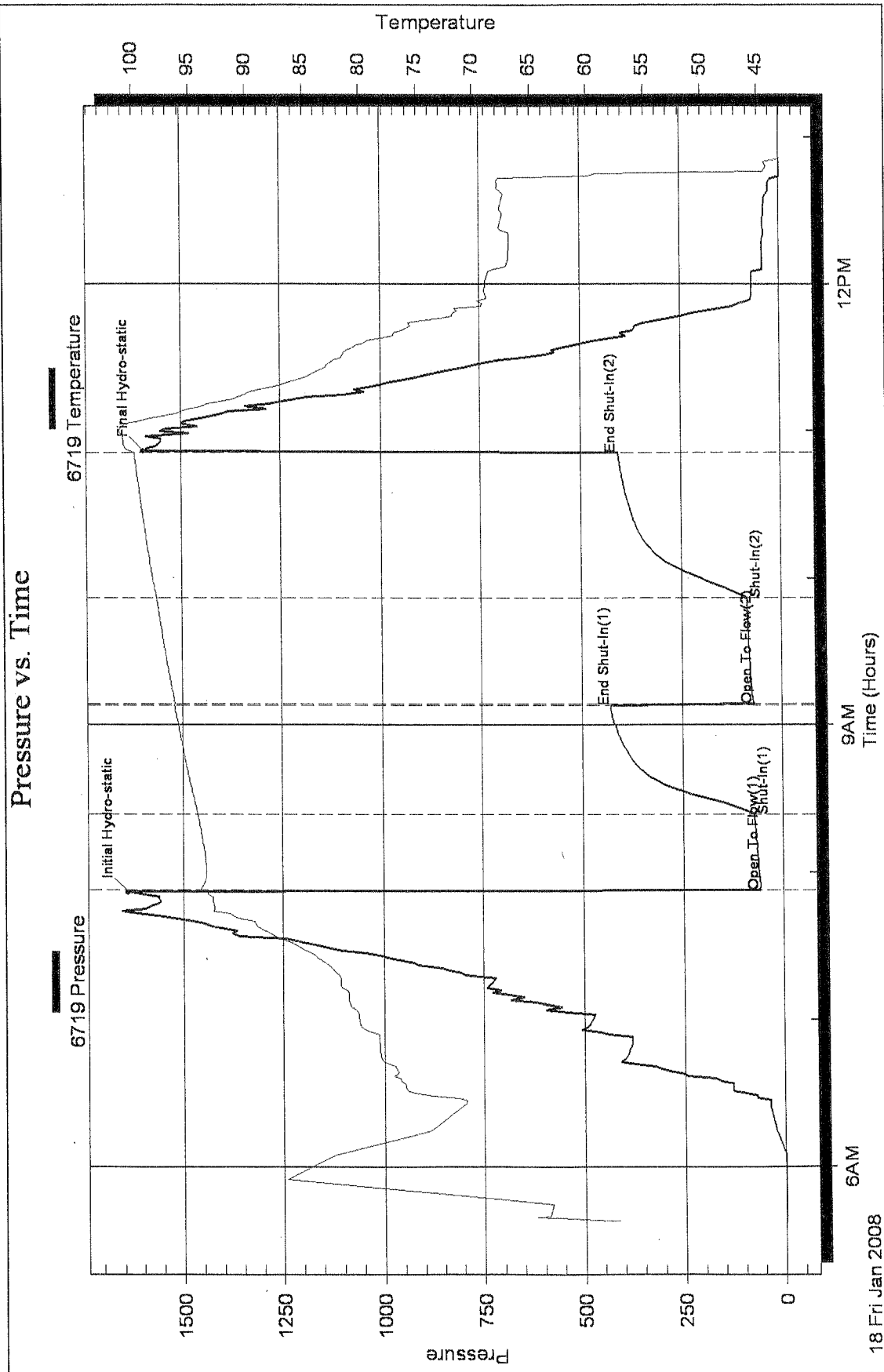
3 19S 12W Barton KS

LD Drilling/Tomlinson Operating

Inside

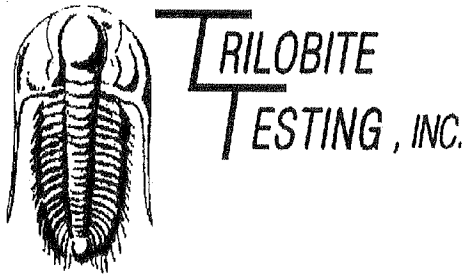
Serial #: 6719

Pressure vs. Time



Ref. No: 30250

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **LD Drilling/Tomlinson Operating**

7 SW 26th Ave
Great Bend KS 67530

ATTN: Bob O'Dell

3 19S 12W Barton KS

Hammeke/Baldwin Unit #1

Start Date: 2008.01.18 @ 23:05:47

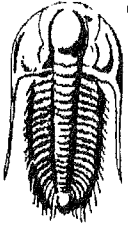
End Date: 2008.01.19 @ 06:15:47

Job Ticket #: 31401 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

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

ATTN: Bob O'Dell

Job Ticket: 31401

DST#: 4

Test Start: 2008.01.18 @ 23:05:47

GENERAL INFORMATION:

Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:52:47
 Time Test Ended: 06:15:47

Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32

Interval: **3356.00 ft (KB) To 3400.00 ft (KB) (TVD)**
 Total Depth: 3400.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1812.00 ft (KB)
 1802.00 ft (CF)
 KB to GR/CF: 10.00 ft

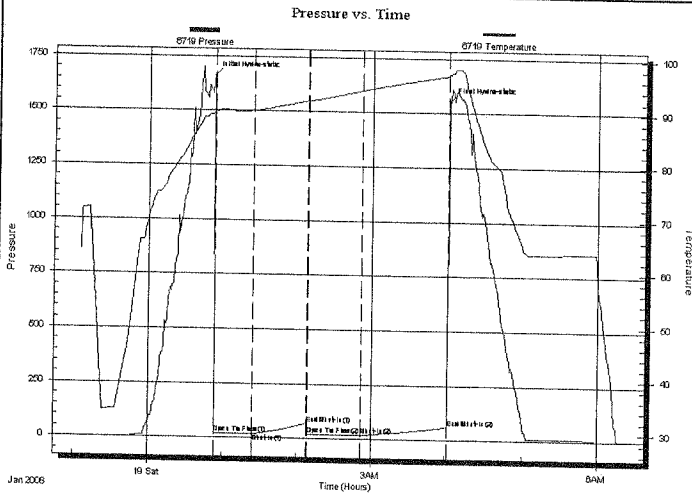
Serial #: 6719

Inside

Press@RunDepth: 18.52 psig @ 3362.00 ft (KB)
 Start Date: 2008.01.18 End Date: 2008.01.19
 Start Time: 23:05:49 End Time: 06:15:47

Capacity: 7000.00 psig
 Last Calib.: 2008.01.19
 Time On Btm: 2008.01.19 @ 00:52:17
 Time Off Btm: 2008.01.19 @ 04:01:47

TEST COMMENT: IFP Weak Blow Built to 1-3/4 "
 ISI Dead
 FFP Dead
 FSI Dead



PRESSURE SUMMARY

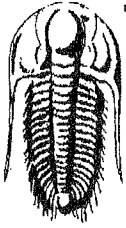
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.16	89.63	Initial Hydro-static
1	17.11	89.40	Open To Flow (1)
32	18.39	90.08	Shut-In(1)
76	67.28	92.05	End Shut-In(1)
77	17.56	92.06	Open To Flow (2)
120	18.52	94.08	Shut-In(2)
189	60.32	96.95	End Shut-In(2)
190	1555.96	97.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Mud w/Oil Spots	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 31401

DST#: 4

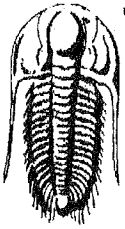
ATTN: Bob O'Dell

Test Start: 2008.01.18 @ 23:05:47

Tool Information

Drill Pipe:	Length: 3337.00 ft	Diameter: 3.80 inches	Volume: 46.81 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 46.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3356.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3329.00	
Shut In Tool	5.00			3334.00	
Hydraulic tool	5.00			3339.00	
Jars	5.00			3344.00	
Safety Joint	2.00			3346.00	
Packer	5.00			3351.00	28.00 Bottom Of Top Packer
Packer	5.00			3356.00	
Stubb	1.00			3357.00	
Perforations	4.00			3361.00	
Change Over Sub	1.00			3362.00	
Recorder	0.00	6719	Inside	3362.00	
Blank Spacing	31.00			3393.00	
Change Over Sub	1.00			3394.00	
Perforations	3.00			3397.00	
Recorder	0.00	8360	Outside	3397.00	
Bullnose	3.00			3400.00	44.00 Bottom Packers & Anchor
Total Tool Length:	72.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

LD Drilling/Tomlinson Operating

Hammeke/Baldwin Unit #1

7 SW 26th Ave
Great Bend KS 67530

3 19S 12W Barton KS

Job Ticket: 31401

DST#: 4

ATTN: Bob O'Dell

Test Start: 2008.01.18 @ 23:05:47

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 9.58 in³

Resistivity: ohm.m

Salinity: 7800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Mud w/Oil Spots	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Hammeke-Baldwin Unit #1

DST Test Number: 4

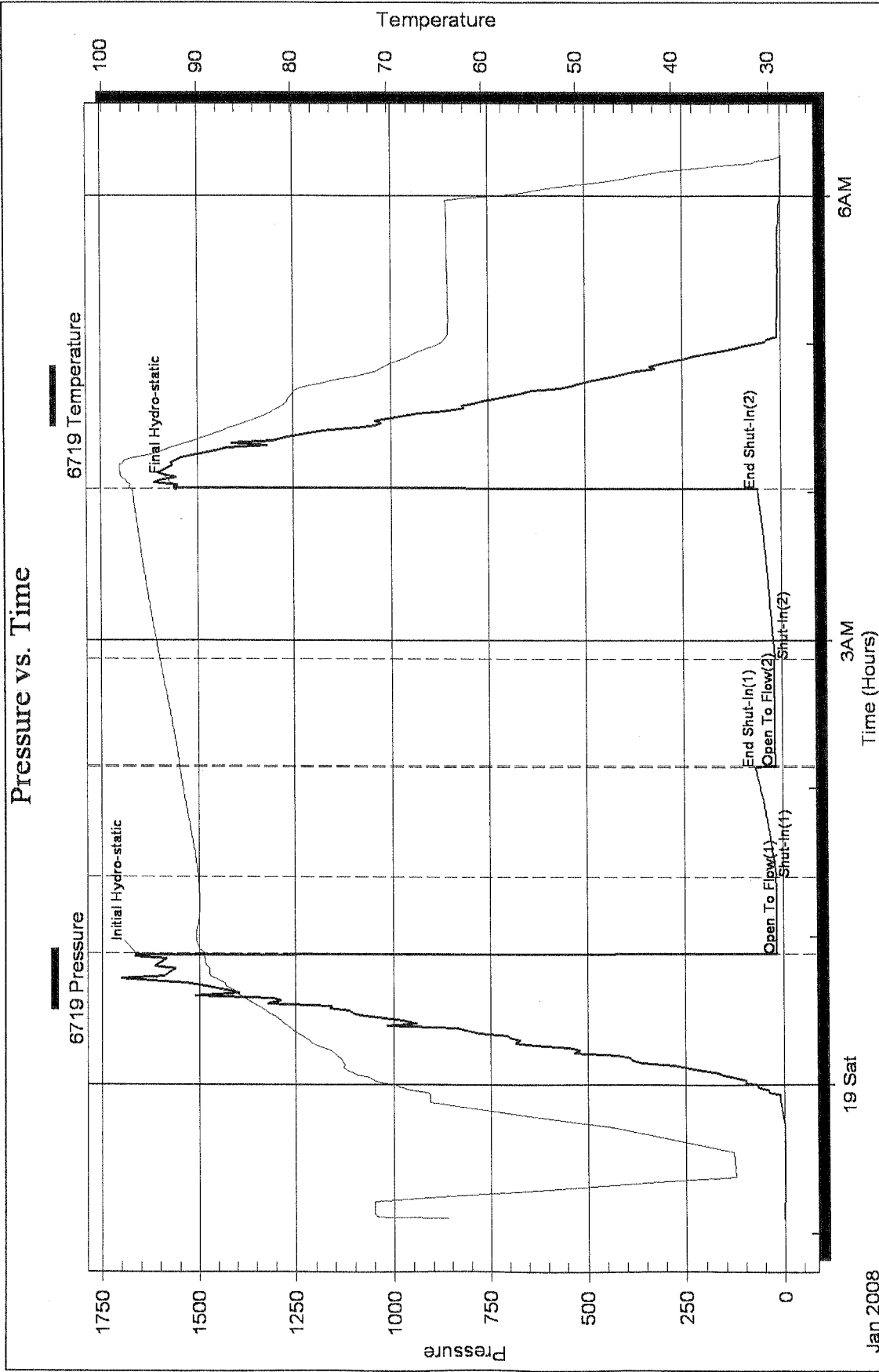
LD Drilling/Tomlinson Operating

Inside

Serial #: 6719

3 19S 12W Barton KS

Pressure vs. Time



Ref. No: 31401

Trilobite Testing, Inc