

15-101-21834



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

ORIGINAL

Prepared For: **Mull Drilling Company**

P. O. Box 2758
Wichita KS, 67201-2758

CONFIDENTIAL

KCC

ATTN: Kris Crisler

JUN 07 2004

9-17S-28W Lane

Dowd #2-9

CONFIDENTIAL

Start Date: 2004.03.22 @ 10:00:16

End Date: 2004.03.22 @ 17:44:46

Job Ticket #: 18133 DST #: 1

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JUN 08 2004

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Company

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

Dowd #2-9

9-17S-28W Lane

Job Ticket: 18133

DST#: 1

Test Start: 2004.03.22 @ 10:00:16

GENERAL INFORMATION:

Formation: **L/KC "H - I - J"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 11:42:16

Time Test Ended: 17:44:46

Interval: **4150.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Total Depth: **4230.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

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Test Type: **Conventional Bottom Hole**

Tester: **Rod Steinbrink**

Unit No: **22**

Reference Elevations: **2773.00 ft (KB)**

2764.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6773

Inside

Press@RunDepth: **297.14 psig @**

4151.00 ft (KB)

Start Date: **2004.03.22**

End Date: **2004.03.22**

Start Time: **10:00:31**

End Time: **17:44:46**

Capacity: **7000.00 psig**

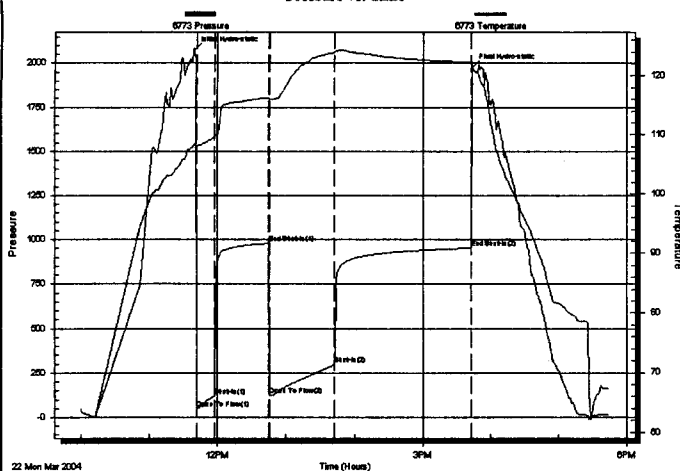
Last Calib.: **1899.12.30**

Time On Btm: **2004.03.22 @ 11:39:31**

Time Off Btm: **2004.03.22 @ 15:43:46**

TEST COMMENT: IF; Weak to fair off btm 15 mins
IS; No return
FF; Weak to fair of btm in 25 mins
FS; No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.23	108.22	Initial Hydro-static
3	50.76	108.15	Open To Flow (1)
18	116.97	109.55	Shut-In(1)
66	977.78	116.24	End Shut-In(1)
67	123.92	115.96	Open To Flow (2)
123	297.14	124.01	Shut-In(2)
243	951.99	122.29	End Shut-In(2)
245	1976.54	121.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
375.00	Wtr	5.26
215.00	MW 70%wtr 30%mud	3.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18133

DST#: 1

ATTN: Kris Crisler

Test Start: 2004.03.22 @ 10:00:16

Tool Information

Drill Pipe:	Length: 4131.00 ft	Diameter: 3.80 inches	Volume: 57.95 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 57.95 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4150.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	107.00 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			4124.00	
Shut In Tool	5.00			4129.00	
Hydraulic tool	5.00			4134.00	
Jars	5.00			4139.00	
Safety Joint	2.00			4141.00	
Packer	4.00			4145.00	27.00 Bottom Of Top Packer
Packer	5.00			4150.00	
Stubb	1.00			4151.00	
Recorder	0.00	6773	Inside	4151.00	
Perforations	9.00			4160.00	
Change Over Sub	1.00			4161.00	
Anchor	63.00			4224.00	
Change Over Sub	1.00			4225.00	
Recorder	0.00	13309	Outside	4225.00	
Bullnose	5.00			4230.00	80.00 Bottom Packers & Anchor

Total Tool Length: 107.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18133

DST#: 1

ATTN: Kris Crisler

Test Start: 2004.03.22 @ 10:00:16

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 1600.00 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

25000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
375.00	Wtr	5.260
215.00	MW 70%w tr 30%mud	3.016

Total Length: 590.00 ft

Total Volume: 8.276 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .30 @ 65 Deg = 25,000 Chlorides

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Serial #: 6773

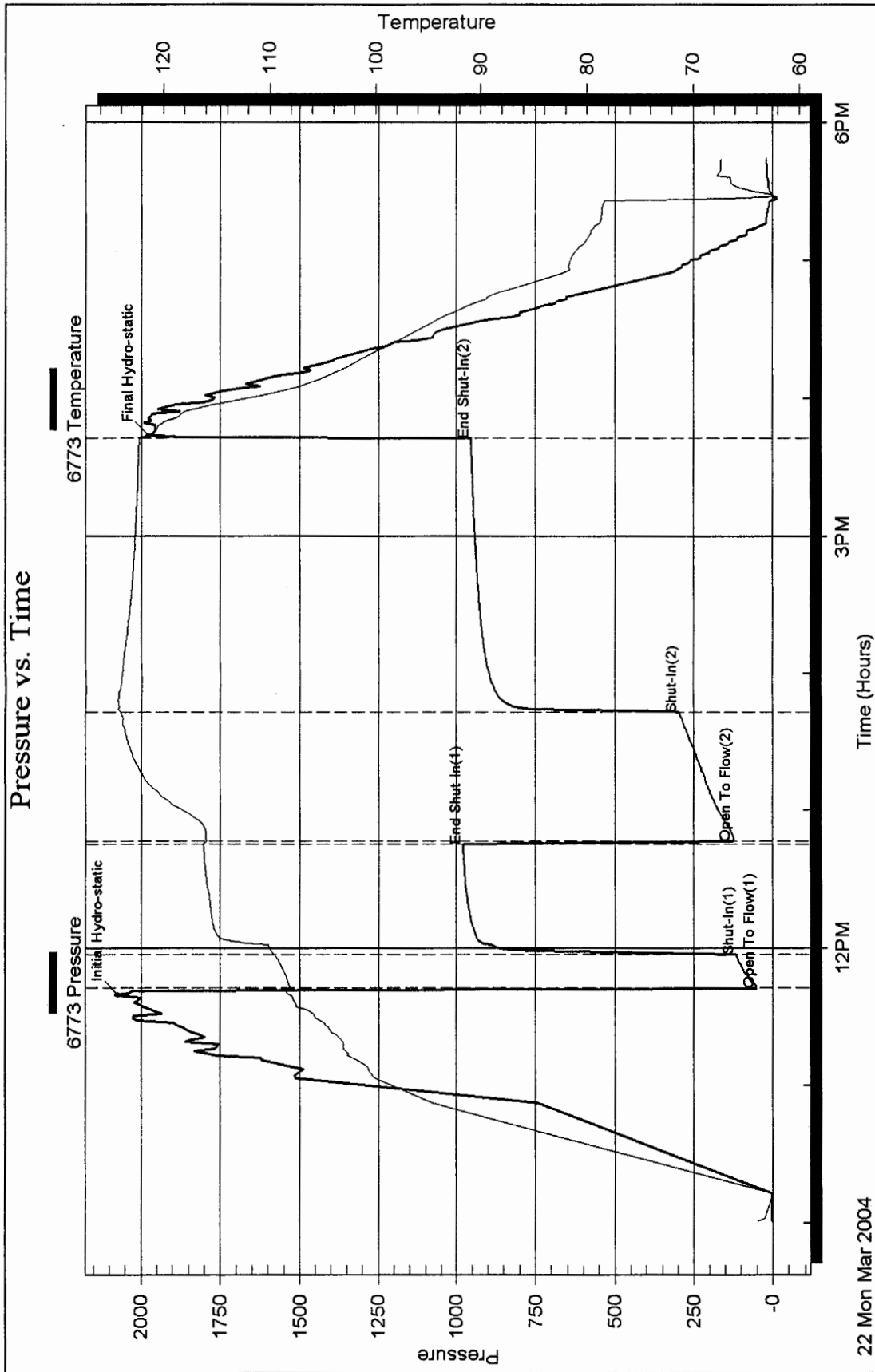
Inside

9-17S-28W Lane

Mull Drilling Company

DST Test Number: 1

Pressure vs. Time

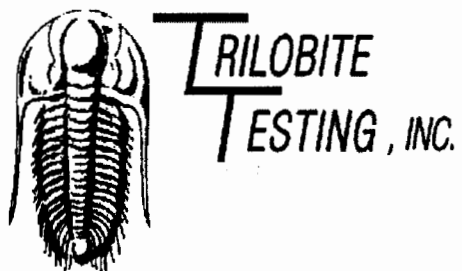


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Ref. No: 18133

Trilobite Testing, Inc

Printed: 2004.04.06 @ 10:35:45 Page 5



DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Company**

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

9-17S-28W Lane

Dowd #2-9

Start Date: 2004.03.22 @ 17:50:15

End Date: 2004.03.22 @ 23:08:45

Job Ticket #: 18134 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling Company

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

Dowd #2-9

9-17S-28W Lane

Job Ticket: 18134

DST#: 2

Test Start: 2004.03.22 @ 17:50:15

GENERAL INFORMATION:

Formation: **L/KC "J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:10:00

Time Test Ended: 23:08:45

Interval: **4204.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Total Depth: **4230.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

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Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Reference Elevations: 2773.00 ft (KB)

2764.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6773

Inside

Press@RunDepth: 211.83 psig @ 4205.00 ft (KB)

Start Date: 2004.03.22 End Date: 2004.03.22

Start Time: 17:50:30 End Time: 23:08:45

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.22 @ 19:07:45

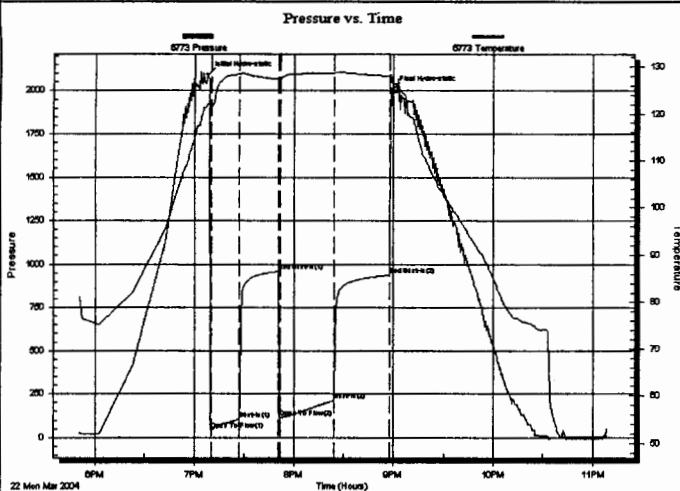
Time Off Btm: 2004.03.22 @ 20:59:15

TEST COMMENT: IF; Weak to fair off btm in 11 mins

ISI; No return

FF; Weak to fair off btm in 16 mins

FSI; No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.16	122.05	Initial Hydro-static
3	41.65	121.54	Open To Flow (1)
20	102.54	128.34	Shut-In (1)
44	959.32	127.31	End Shut-In (1)
44	111.55	126.80	Open To Flow (2)
77	211.83	128.61	Shut-In (2)
110	936.95	127.90	End Shut-In (2)
112	2008.65	126.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	Water w/Show of Oil @ top	5.89

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18134

DST#: 2

ATTN: Kris Crisler

Test Start: 2004.03.22 @ 17:50:15

Tool Information

Drill Pipe:	Length: 4195.00 ft	Diameter: 3.80 inches	Volume: 58.84 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 58.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4204.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	53.00 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			4178.00	
Shut In Tool	5.00			4183.00	
Hydraulic tool	5.00			4188.00	
Jars	5.00			4193.00	
Safety Joint	2.00			4195.00	
Packer	4.00			4199.00	27.00 Bottom Of Top Packer
Packer	5.00			4204.00	
Stubb	1.00			4205.00	
Recorder	0.00	6773	Inside	4205.00	
Perforations	20.00			4225.00	
Recorder	0.00	13309	Outside	4225.00	
Bullnose	5.00			4230.00	26.00 Bottom Packers & Anchor
Total Tool Length:		53.00			

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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18134

DST#: 2

ATTN: Kris Crisler

Test Start: 2004.03.22 @ 17:50:15

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: 25000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	Water w/Show of Oil @ top	5.891

Total Length: 420.00 ft Total Volume: 5.891 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

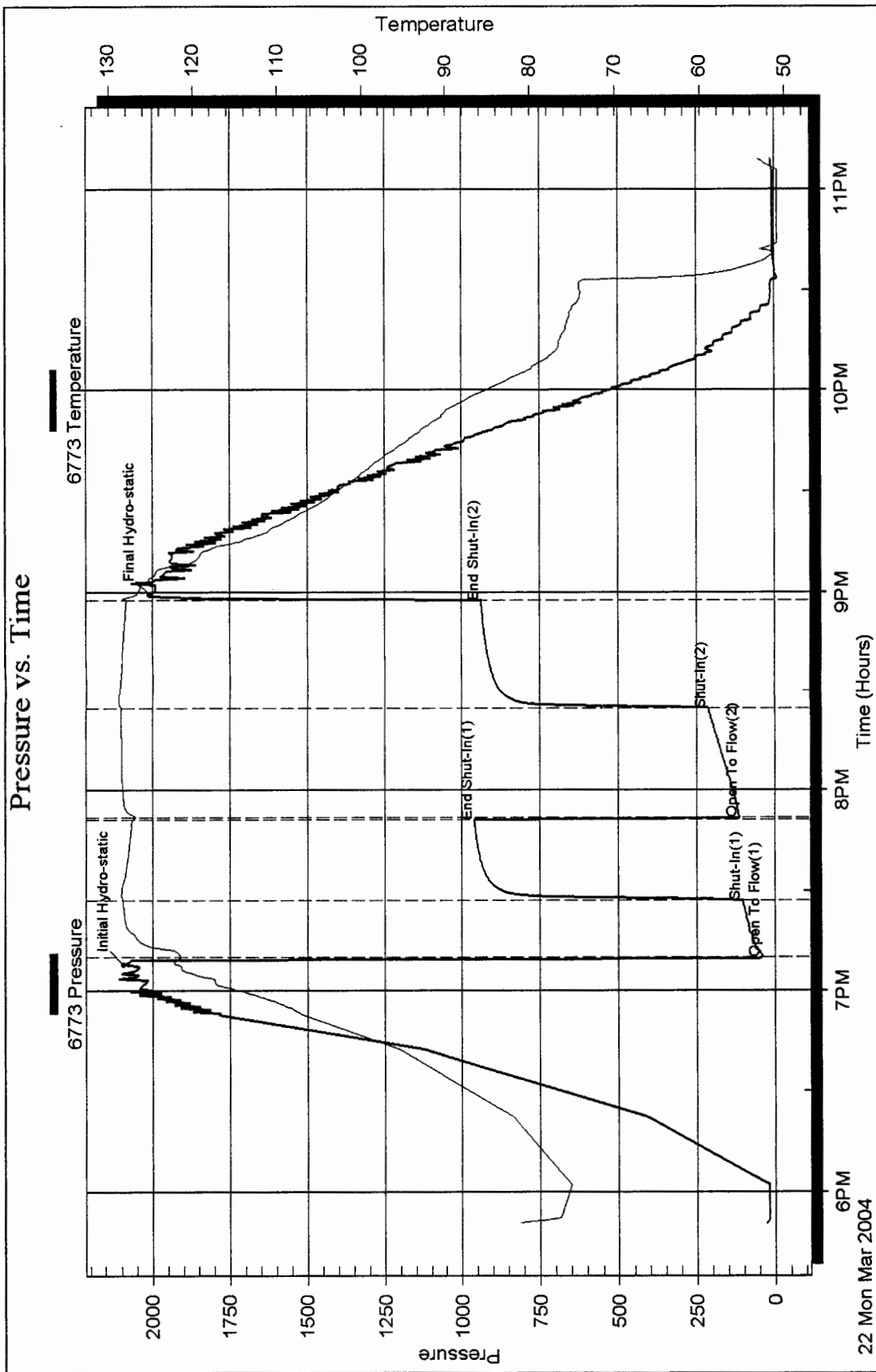
Laboratory Name:

Laboratory Location:

Recovery Comments: RW .30 @ 65 Deg = 25,000 Chlorides

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Pressure vs. Time



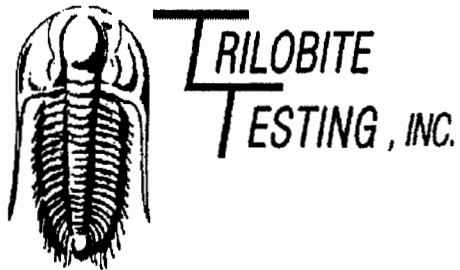
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Ref. No: 18134

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Company**

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

9-17S-28W Lane

Dowd #2-9

Start Date: 2004.03.23 @ 11:25:12

End Date: 2004.03.23 @ 18:46:27

Job Ticket #: 18135 DST #: 3

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling Company
P. O. Box 2758
Wichita KS, 67201-2758
ATTN: Kris Crisler

Dowd #2-9

9-17S-28W Lane

Job Ticket: 18135

DST#: 3

Test Start: 2004.03.23 @ 11:25:12

GENERAL INFORMATION:

Formation: **L/KC "L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:48:57

Time Test Ended: 18:46:27

Interval: **4260.00 ft (KB) To 4311.00 ft (KB) (TVD)**

Total Depth: **4311.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Good

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Test Type: Conventional Bottom Hole

Tester: Rod Steinbrink

Unit No: 22

Reference Elevations: **2773.00 ft (KB)**

2764.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6773

Inside

Press@RunDepth: **384.26 psig @ 4261.00 ft (KB)**

Start Date: **2004.03.23**

End Date:

2004.03.23

Start Time: **11:25:27**

End Time:

18:46:27

Capacity: **7000.00 psig**

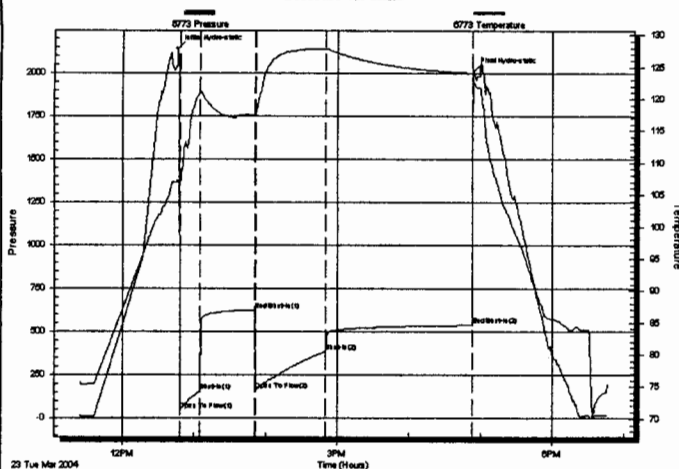
Last Calib.: **1899.12.30**

Time On Btm: **2004.03.23 @ 12:46:12**

Time Off Btm: **2004.03.23 @ 16:53:57**

TEST COMMENT: IF; Fair blow off btm in 8 mins
IS; No return
FF; Fair blow off btm in 11 mins
FS; No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.99	107.23	Initial Hydro-static
3	44.86	106.57	Open To Flow (1)
19	154.29	121.02	Shut-In (1)
65	624.60	117.44	End Shut-In (1)
66	159.94	117.47	Open To Flow (2)
124	384.26	127.77	Shut-In (2)
247	537.54	124.06	End Shut-In (2)
248	2013.42	122.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
560.00	Water	7.86
230.00	WM 40%w tr 60% mud	3.23

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Company

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

Dowd #2-9

9-17S-28W Lane

Job Ticket: 18135

DST#: 3

Test Start: 2004.03.23 @ 11:25:12

Tool Information

Drill Pipe:	Length: 4259.00 ft	Diameter: 3.80 inches	Volume: 59.74 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			Total Volume: 59.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4260.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	78.00 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			4234.00	
Shut In Tool	5.00			4239.00	
Hydraulic tool	5.00			4244.00	
Jars	5.00			4249.00	
Safety Joint	2.00			4251.00	
Packer	4.00			4255.00	27.00 Bottom Of Top Packer
Packer	5.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.00	6773	Inside	4261.00	
Perforations	11.00			4272.00	
Change Over Sub	1.00			4273.00	
Anchor	32.00			4305.00	
Change Over Sub	1.00			4306.00	
Recorder	0.00	13309	Outside	4306.00	
Bullnose	5.00			4311.00	51.00 Bottom Packers & Anchor

Total Tool Length: 78.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18135

DST#: 3

ATTN: Kris Crisler

Test Start: 2004.03.23 @ 11:25:12

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:

38000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
560.00	Water	7.855
230.00	WM 40%wtr 60%mud	3.226

Total Length: 790.00 ft Total Volume: 11.081 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .36 @ 60 Deg = 38,000 Chlorides

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DST Test Number: 3

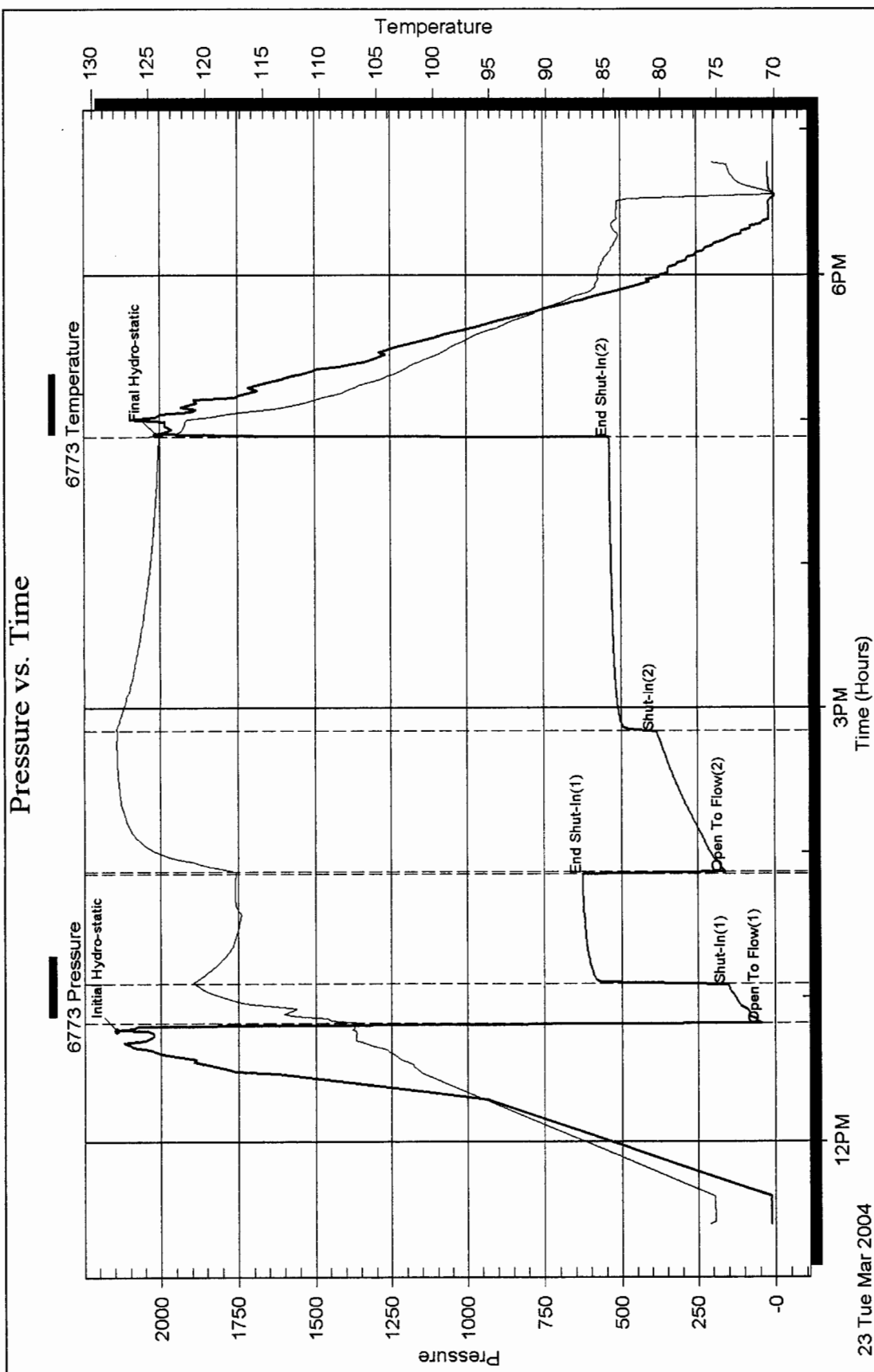
9-17S-28W Lane

Mull Drilling Company

Inside

Serial #: 6773

Pressure vs. Time



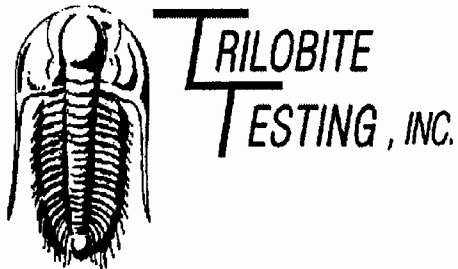
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Ref. No: 18135

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DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Company**

P. O. Box 2758
Wichita KS, 67201-2758

ATTN: Kris Crisler

9-17S-28W Lane

Dowd #2-9

Start Date: 2004.03.24 @ 09:40:11

End Date: 2004.03.24 @ 15:57:26

Job Ticket #: 18136 DST #: 4

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Company
P. O. Box 2758
Wichita KS, 67201-2758
ATTN: Kris Crisler

Dowd #2-9
9-17S-28W Lane
Job Ticket: 18136 **DST#: 4**
Test Start: 2004.03.24 @ 09:40:11

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:08:11
Time Test Ended: 15:57:26

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KCC WICHITA

Test Type: Conventional Bottom Hole
Tester: Rod Steinbrink
Unit No: 22
Reference Elevations: 2773.00 ft (KB)
2764.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 9.00 ft

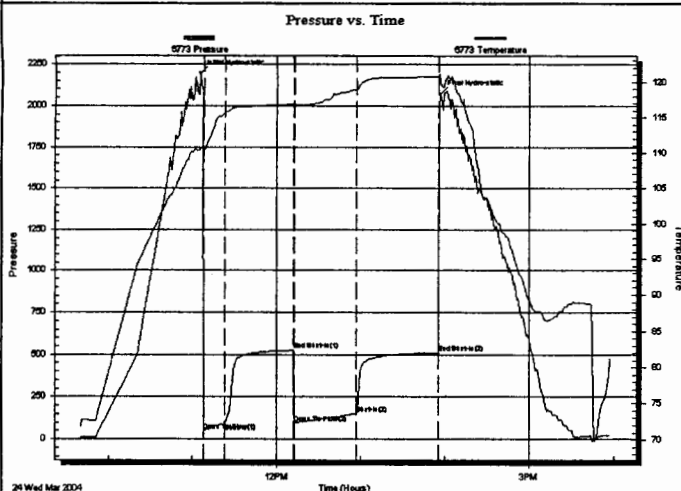
Serial #: 6773

Inside

Press@RunDepth: 150.85 psig @ 4338.00 ft (KB)
Start Date: 2004.03.24 End Date: 2004.03.24
Start Time: 09:40:21 End Time: 15:57:26

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2004.03.24 @ 11:05:26
Time Off Btm: 2004.03.24 @ 13:56:26

TEST COMMENT: IF; Fair to strong off btm in 11 mins
IS; No return
FF; Fair to strong off btm in 4 mins
FS; No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.03	110.44	Initial Hydro-static
3	45.35	110.44	Open To Flow (1)
18	91.85	115.75	Shut-In(1)
67	525.34	116.90	End Shut-In(1)
68	92.78	116.74	Open To Flow (2)
112	150.85	119.05	Shut-In(2)
170	512.64	120.75	End Shut-In(2)
171	2072.39	119.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HGOCM 65% gas 15% oil 20% mud	2.52
120.00	HGOCM 50% gas 10% oil 40% mud	1.68
	300 GIP	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18136

DST#: 4

ATTN: Kris Crisler

Test Start: 2004.03.24 @ 09:40:11

Tool Information

Drill Pipe:	Length: 4323.00 ft	Diameter: 3.80 inches	Volume: 60.64 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 60.64 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4337.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	104.00 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			4311.00	
Shut In Tool	5.00			4316.00	
Hydraulic tool	5.00			4321.00	
Jars	5.00			4326.00	
Safety Joint	2.00			4328.00	
Packer	4.00			4332.00	27.00 Bottom Of Top Packer
Packer	5.00			4337.00	
Stubb	1.00			4338.00	
Recorder	0.00	6773	Inside	4338.00	
Perforations	6.00			4344.00	
Change Over Sub	1.00			4345.00	
Anchor	63.00			4408.00	
Change Over Sub	1.00			4409.00	
Recorder	0.00	13309	Outside	4409.00	
Bullnose	5.00			4414.00	77.00 Bottom Packers & Anchor

Total Tool Length: 104.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Company

Dowd #2-9

P. O. Box 2758
Wichita KS, 67201-2758

9-17S-28W Lane

Job Ticket: 18136

DST#: 4

ATTN: Kris Crisler

Test Start: 2004.03.24 @ 09:40:11

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 10.39 in³

Resistivity: ohm.m

Salinity: 4000.00 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
180.00	HGOCM 65%gas 15%oil 20%mud	2.525
120.00	HGOCM 50%gas 10%oil 40%mud	1.683
	300 GIP	

Total Length: 300.00 ft

Total Volume: 4.208 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

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Serial #: 6773

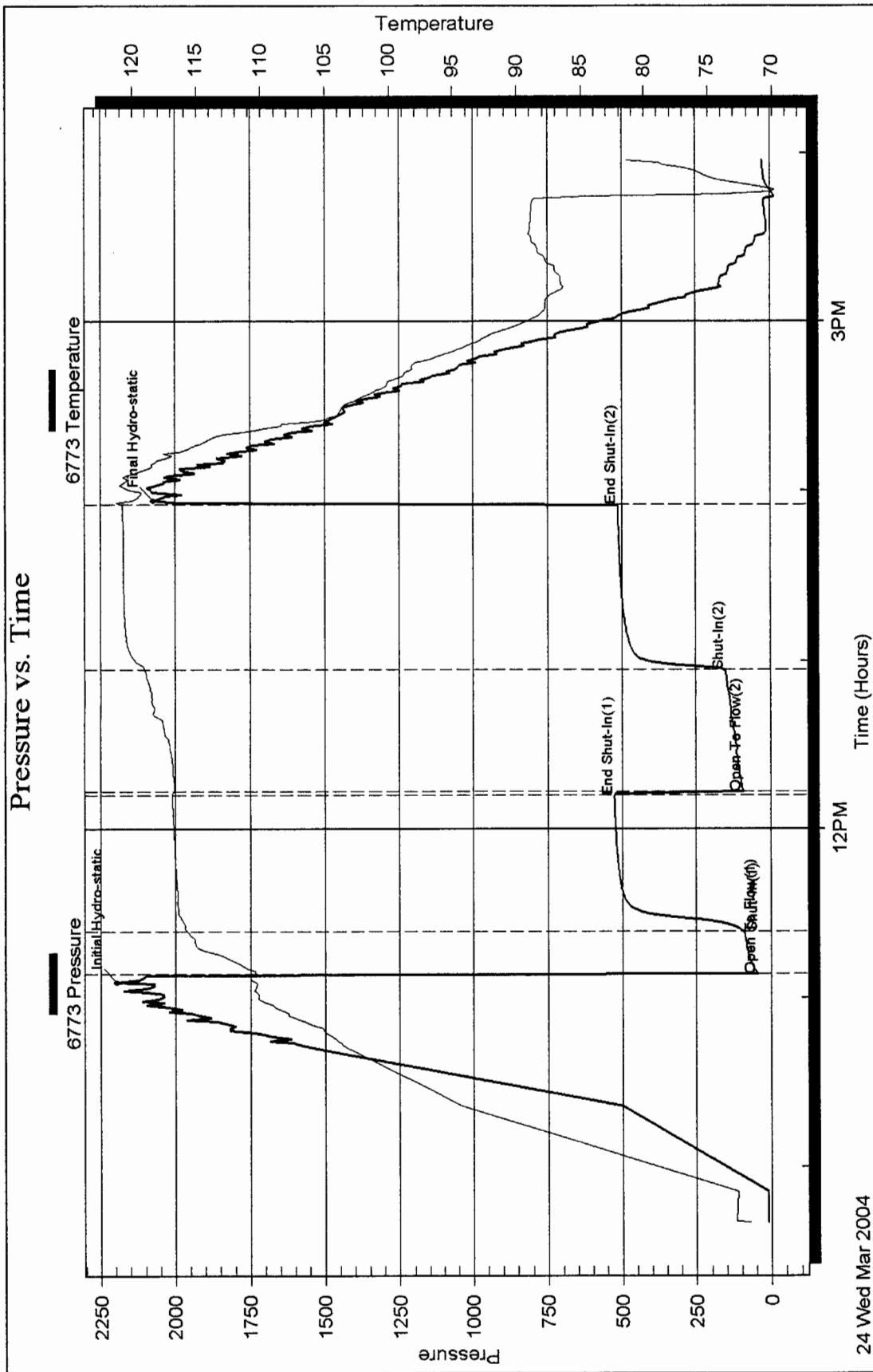
Inside

Mull Drilling Company

9-17S-28W Lane

DST Test Number: 4

Pressure vs. Time



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Trilobite Testing, Inc

Ref. No: 18136

Printed: 2004.04.06 @ 10:38:51 Page 5