

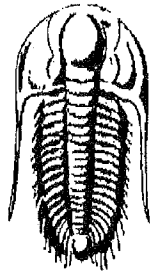
15-185-23240

17-21s-12w

KCC

JUL 14 2004

CONFIDENTIAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

RELEASED
FROM
R.O. Box 12758
Wichita, KS 67201

CONFIDENTIAL KCC

ATTN: Roger Martin

JUL 14

17-21s-12w Stafford CONFIDENTIAL

Hall D # 1-17

Start Date: 2004.03.21 @ 21:16:52

End Date: 2004.03.22 @ 07:05:11

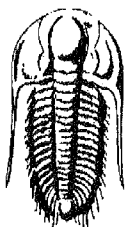
Job Ticket #: 18958

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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18958

DST#: 1

Test Start: 2004.03.21 @ 21:16:52

GENERAL INFORMATION:

Formation: **Lansing A-F**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 00:39:22

Time Test Ended: 07:05:11

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3230.00 ft (CF) To 3320.00 ft (CF) (TVD)**

Total Depth: 3320.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 272.96 psig @ 3301.00 ft (CF)

Start Date: 2004.03.21

End Date:

2004.03.22

Start Time: 21:17:02

End Time:

07:05:12

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.22 @ 00:35:52

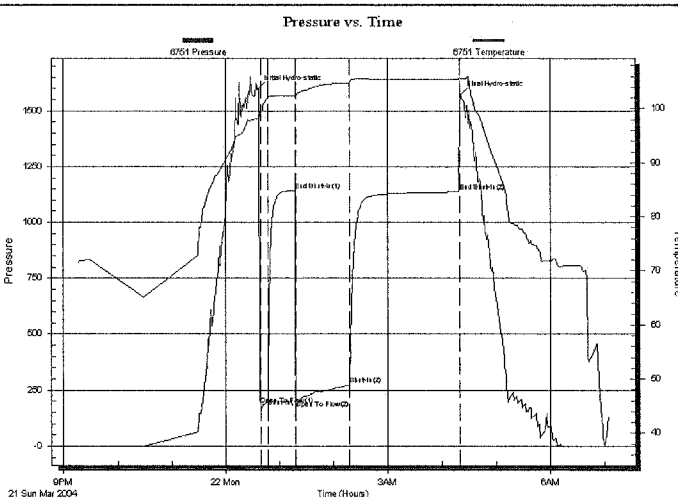
Time Off Btm: 2004.03.22 @ 04:20:52

TEST COMMENT: IF- Strong blow O.B.B. in 30 seconds; GTS in 3 minutes 45 seconds

IS- No blow

FF- Strong blow O.B.B. ASAT opened

FS- No blow



PRESSURE SUMMARY

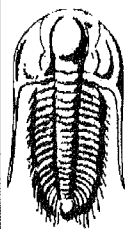
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1595.94	98.10	Initial Hydro-static
4	185.25	99.37	Open To Flow (1)
12	215.21	102.11	Shut-In (1)
42	1142.17	102.43	End Shut-In (1)
43	207.55	101.90	Open To Flow (2)
102	272.96	104.79	Shut-In (2)
224	1136.41	105.45	End Shut-In (2)
225	1569.62	105.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	GCM 98% mud 2% gas	1.26
124.00	GCM 74% mud 26% gas	1.74
124.00	SOGCM 70% mud 29% gas 1% oil	1.74
62.00	SOGCM 68% mud 20% gas 12% oil	0.87
124.00	MWOCG 54% gas 24% water 16% oil 6% m	1.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	6.00	318.64
Last Gas Rate	0.75	9.50	373.31
Max. Gas Rate	0.75	13.00	427.98



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18958

DST#: 1

ATTN: Roger Martin

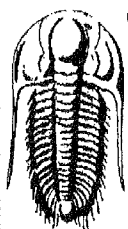
Test Start: 2004.03.21 @ 21:16:52

Tool Information

Drill Pipe:	Length: 2997.00 ft	Diameter: 3.80 inches	Volume: 42.04 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	62000.00 lb
		Total Volume:	43.24 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3230.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	90.00 ft				
Tool Length:	110.00 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			3211.00	
Shut In Tool	5.00			3216.00	
Hydraulic tool	5.00			3221.00	
Packer	4.00			3225.00	20.00 Bottom Of Top Packer
Packer	5.00			3230.00	
Stubb	1.00			3231.00	
Perforations	5.00			3236.00	
Change Over Sub	1.00			3237.00	
Blank Spacing	63.00			3300.00	
Change Over Sub	1.00			3301.00	
Recorder	0.00	6751	Inside	3301.00	
Perforations	16.00			3317.00	
Recorder	0.00	13630	Outside	3317.00	
Bullnose	3.00			3320.00	90.00 Bottom Packers & Anchor

Total Tool Length: 110.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18958

DST#: 1

ATTN: Roger Martin

Test Start: 2004.03.21 @ 21:16:52

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:

54000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.09 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	GCM 98% mud 2% gas	1.256
124.00	GCM 74% mud 26% gas	1.739
124.00	SOGCM 70% mud 29% gas 1% oil	1.739
62.00	SOGCM 68% mud 20% gas 12% oil	0.870
124.00	MWOCG 54% gas 24% water 16% oil 6% mud	1.739

Total Length: 682.00 ft

Total Volume: 7.343 bbl

Num Fluid Samples: 0

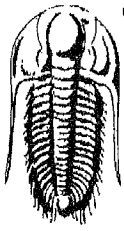
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18958

DST#: 1

ATTN: Roger Martin

Test Start: 2004.03.21 @ 21:16:52

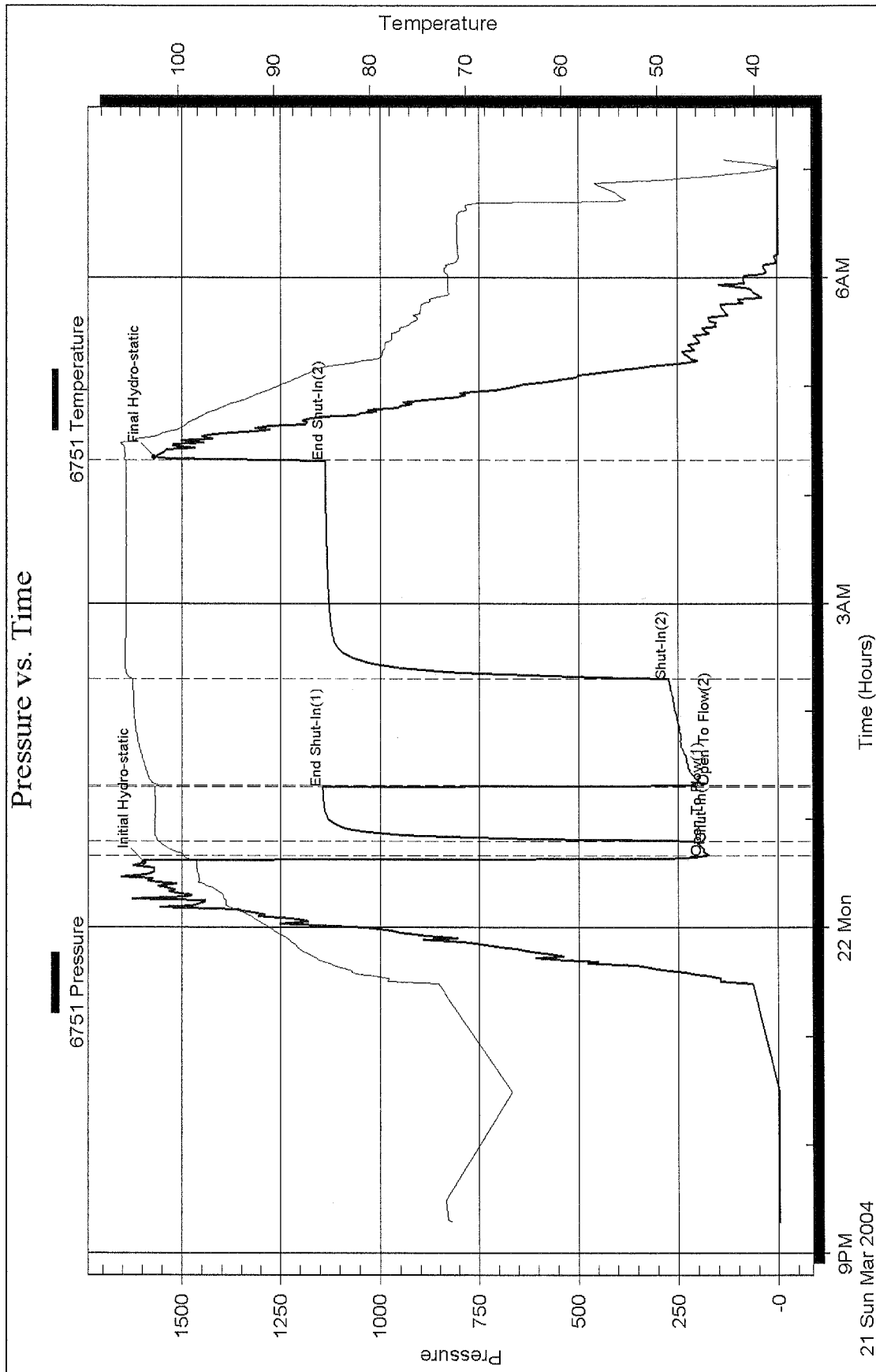
Gas Rates Information

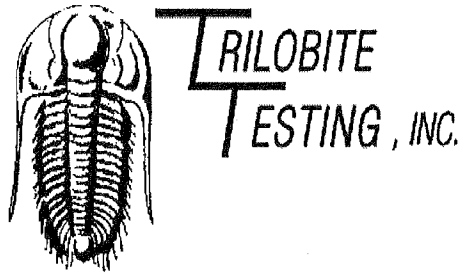
Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	5	0.75	6.00	318.64
1	10	0.75	7.50	342.07
2	5	0.75	13.00	427.98
2	10	0.75	12.50	420.17
2	15	0.75	11.50	404.55
2	20	0.75	10.50	388.93
2	25	0.75	10.00	381.12
2	30	0.75	10.00	381.12
2	35	0.75	10.00	381.12
2	40	0.75	10.00	381.12
2	45	0.75	10.00	381.12
2	50	0.75	10.00	381.12
2	55	0.75	9.50	373.31
2	60	0.75	9.50	373.31

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

Hall D # 1-17

Start Date: 2004.03.22 @ 15:56:56

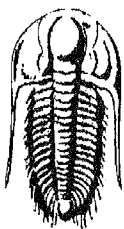
End Date: 2004.03.22 @ 23:43:35

Job Ticket #: 18959 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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18959

DST#: 2

Test Start: 2004.03.22 @ 15:56:56

GENERAL INFORMATION:

Formation: **Lansing G,H**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 18:06:36

Time Test Ended: 23:43:35

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3320.00 ft (CF) To 3382.00 ft (CF) (TVD)**

Total Depth: 3382.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 103.51 psig @ 3360.00 ft (CF)

Start Date: 2004.03.22

End Date:

2004.03.22

Start Time: 15:57:06

End Time:

23:43:36

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.22 @ 18:01:16

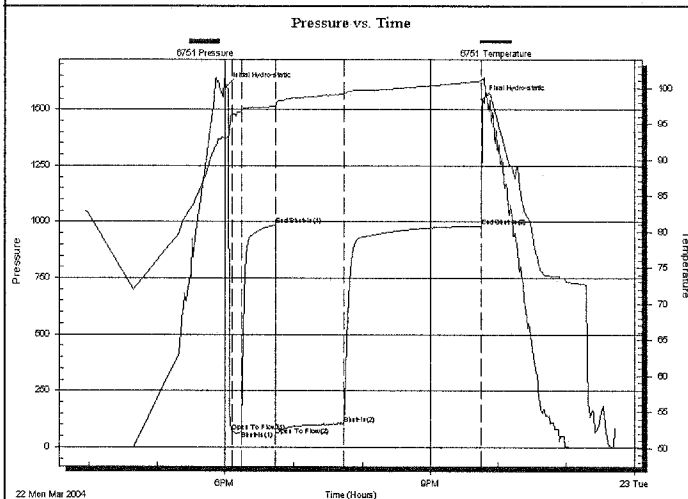
Time Off Btm: 2004.03.22 @ 21:45:46

TEST COMMENT: IF- Strong blow O.B.B. in 20 seconds; GTS in 5 minutes 10 seconds

ISI- No blow

FF- Strong blow O.B.B. ASAT opened

FSI- No blow



PRESSURE SUMMARY

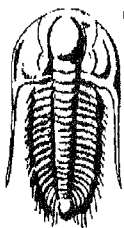
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1602.05	93.11	Initial Hydro-static
6	69.88	96.33	Open To Flow (1)
13	71.19	96.84	Shut-In (1)
43	984.89	97.48	End Shut-In (1)
43	89.69	97.32	Open To Flow (2)
102	103.51	99.19	Shut-In (2)
224	982.35	101.02	End Shut-In (2)
225	1547.17	101.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
144.00	GCM 96% mud 4% gas	0.71
124.00	GCM 94% mud 6% gas	0.83
0.00	3035 feet of gas in pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	3.00	63.74
Last Gas Rate	0.38	21.00	129.68
Max. Gas Rate	0.38	21.50	131.51



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18959

DST#: 2

ATTN: Roger Martin

Test Start: 2004.03.22 @ 15:56:56

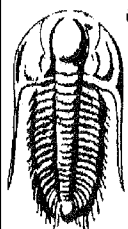
Tool Information

Drill Pipe:	Length: 3059.00 ft	Diameter: 3.80 inches	Volume: 42.91 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	58000.00 lb
		Total Volume:	44.11 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3320.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	62.00 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
Change Over Sub	1.00			3301.00	
Shut In Tool	5.00			3306.00	
Hydraulic tool	5.00			3311.00	
Packer	4.00			3315.00	20.00 Bottom Of Top Packer
Packer	5.00			3320.00	
Stubb	1.00			3321.00	
Perforations	5.00			3326.00	
Change Over Sub	1.00			3327.00	
Blank Spacing	32.00			3359.00	
Change Over Sub	1.00			3360.00	
Recorder	0.00	6751	Inside	3360.00	
Perforations	19.00			3379.00	
Recorder	0.00	13630	Outside	3379.00	
Bullnose	3.00			3382.00	62.00 Bottom Packers & Anchor

Total Tool Length: 82.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18959

DST#: 2

ATTN: Roger Martin

Test Start: 2004.03.22 @ 15:56:56

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: 72.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.10 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	GCM 96% mud 4% gas	0.708
124.00	GCM 94% mud 6% gas	0.828
0.00	3035 feet of gas in pipe	0.000

Total Length: 268.00 ft

Total Volume: 1.536 bbl

Num Fluid Samples: 0

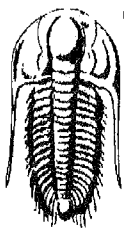
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18959

DST#: 2

ATTN: Roger Martin

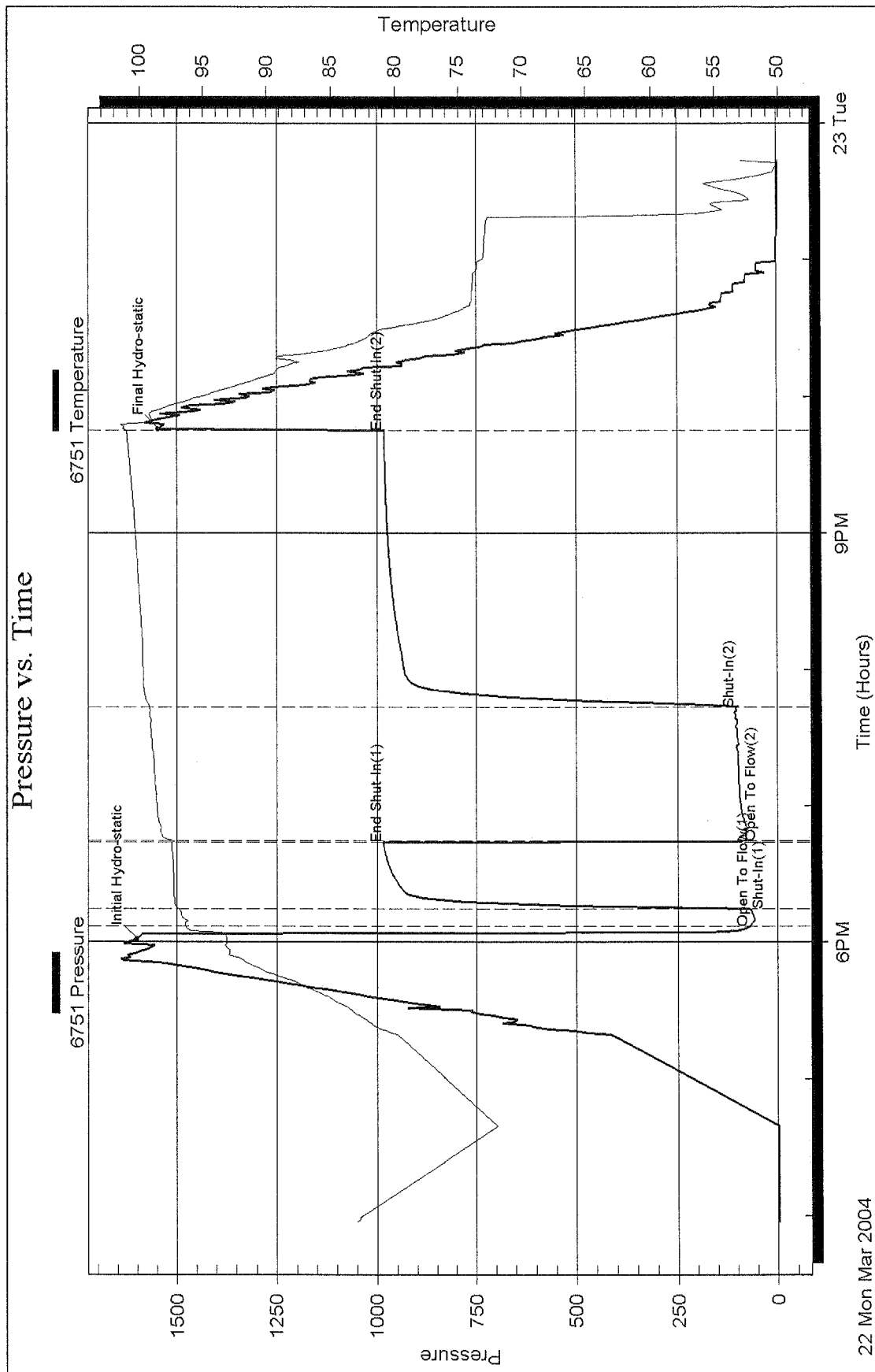
Test Start: 2004.03.22 @ 15:56:56

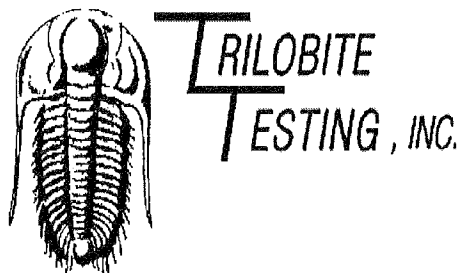
Gas Rates Information

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 (m³/d)
1	7	0.38	3.00	63.74
1	10	0.38	9.00	85.72
2	5	0.50	6.00	137.61
2	10	0.38	14.00	104.04
2	15	0.38	18.50	120.52
2	20	0.38	20.00	126.02
2	25	0.38	21.00	129.68
2	30	0.38	21.50	131.51
2	35	0.38	21.50	131.51
2	40	0.38	21.50	131.51
2	45	0.38	21.50	131.51
2	50	0.38	21.00	129.68
2	55	0.38	21.00	129.68
2	60	0.38	21.00	129.68





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

Hall D # 1-17

Start Date: 2004.03.23 @ 06:38:23

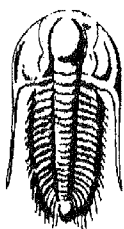
End Date: 2004.03.23 @ 14:08:13

Job Ticket #: 18960 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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18960

DST#: 3

Test Start: 2004.03.23 @ 06:38:23

GENERAL INFORMATION:

Formation: **LKC- I**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 08:27:53

Time Test Ended: 14:08:13

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3382.00 ft (CF) To 3399.00 ft (CF) (TVD)**

Total Depth: 3399.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 32.77 psig @ 3383.00 ft (CF)

Start Date: 2004.03.23

End Date:

2004.03.23

Start Time: 06:38:33

End Time:

14:08:12

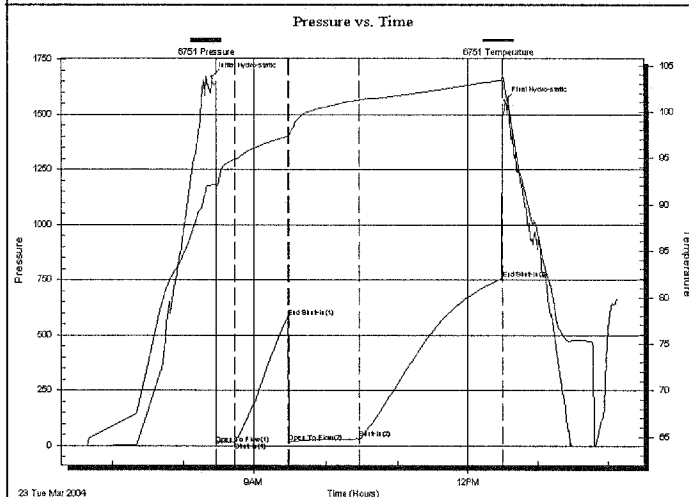
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.23 @ 08:24:23

Time Off Btm: 2004.03.23 @ 12:31:43

TEST COMMENT: IF- Fair blow building to 5 inches
ISI- No blow
FF- Fair blow building O.B.B. in 6 minutes 35 seconds
FSI- Weak surface blow



PRESSURE SUMMARY

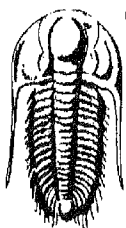
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.37	92.13	Initial Hydro-static
4	10.50	91.86	Open To Flow (1)
20	18.78	94.87	Shut-In (1)
64	582.80	97.38	End Shut-In (1)
65	17.51	97.71	Open To Flow (2)
124	32.77	101.29	Shut-In (2)
246	757.77	103.43	End Shut-In (2)
248	1562.13	102.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
67.00	GOWCM 34% mud 24% oil 22% water 20% 0.33	
0.00	Tool fluid 96% oil 4% gas	0.00
0.00	429 feet of gas in pipe	0.00

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 Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18960

DST#: 3

ATTN: Roger Martin

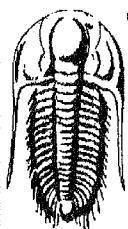
Test Start: 2004.03.23 @ 06:38:23

Tool Information

Drill Pipe:	Length: 3121.00 ft	Diameter: 3.80 inches	Volume: 43.78 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume:	44.98 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3382.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 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			3363.00	
Shut In Tool	5.00			3368.00	
Hydraulic tool	5.00			3373.00	
Packer	4.00			3377.00	20.00 Bottom Of Top Packer
Packer	5.00			3382.00	
Stubb	1.00			3383.00	
Recorder	0.00	6751	Inside	3383.00	
Perforations	13.00			3396.00	
Recorder	0.00	13630	Outside	3396.00	
Bullnose	3.00			3399.00	17.00 Bottom Packers & Anchor
Total Tool Length:	37.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18960

DST#: 3

ATTN: Roger Martin

Test Start: 2004.03.23 @ 06:38:23

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:

10000 ppm

Viscosity: 72.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.10 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
67.00	GOWCM 34%mud 24%oil 22%water 20%gas	0.329
0.00	Tool fluid 96%oil 4%gas	0.000
0.00	429 feet of gas in pipe	0.000

Total Length:

67.00 ft

Total Volume:

0.329 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Inside

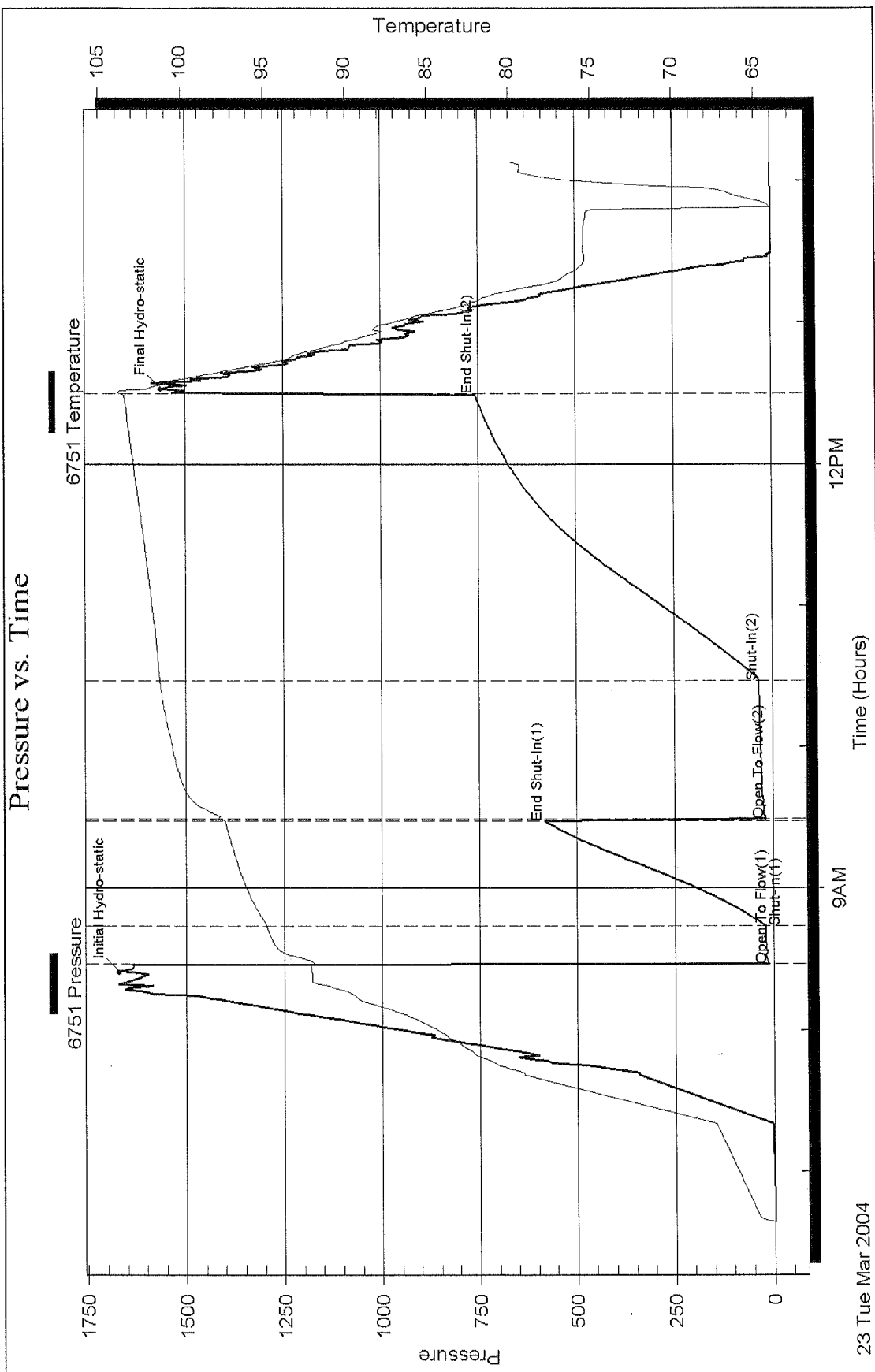
Mull Drilling Co., Inc

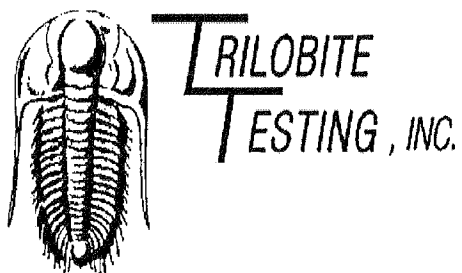
17-21s-12w

Stafford

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

Hall D # 1-17

Start Date: 2004.03.23 @ 23:32:33

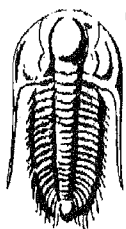
End Date: 2004.03.24 @ 08:07:52

Job Ticket #: 18961 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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18961

DST#: 4

Test Start: 2004.03.23 @ 23:32:33

GENERAL INFORMATION:

Formation: **LKC- J,K**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 02:00:53

Time Test Ended: 08:07:52

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3399.00 ft (CF) To 3450.00 ft (CF) (TVD)**

Total Depth: 3450.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 48.57 psig @ 3437.00 ft (CF)

Start Date: 2004.03.23

End Date:

2004.03.24

Start Time: 23:32:43

End Time:

08:07:53

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.24 @ 02:00:33

Time Off Btm: 2004.03.24 @ 06:03:33

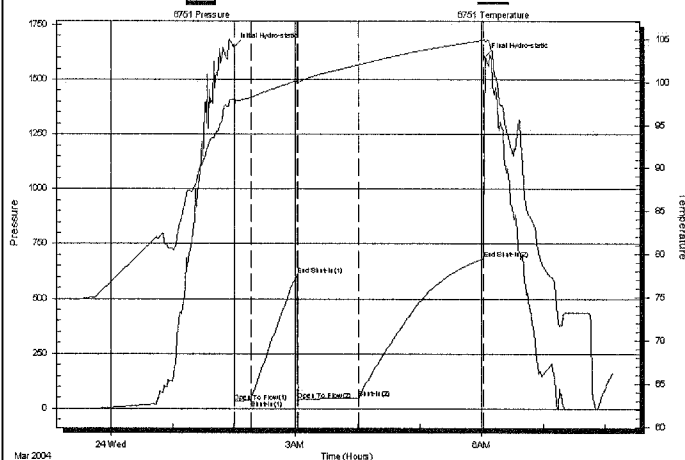
TEST COMMENT: IF- Fair blow building O.B.B. in 6 minutes 20 seconds

ISI- No blow

FF- Good blow O.B.B. ASAT opened

FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

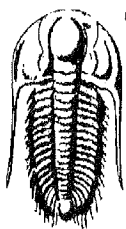
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.77	97.95	Initial Hydro-static
1	31.37	96.90	Open To Flow (1)
17	37.87	98.23	Shut-In (1)
61	606.85	100.14	End Shut-In (1)
63	40.11	99.99	Open To Flow (2)
121	48.57	102.00	Shut-In (2)
242	683.32	104.89	End Shut-In (2)
243	1603.37	104.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Clean Oil	0.01
62.00	OGCM 48% mud 26% oil 26% gas	0.30
0.00	Tool Fluid 100% clean oil	0.00
0.00	989 Feet of gas in pipe	0.00

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 Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18961

DST#: 4

ATTN: Roger Martin

Test Start: 2004.03.23 @ 23:32:33

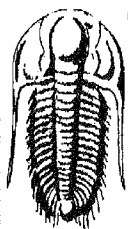
Tool Information

Drill Pipe:	Length: 3151.00 ft	Diameter: 3.80 inches	Volume: 44.20 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	62000.00 lb
		Total Volume:	45.40 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3399.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	51.00 ft				
Tool Length:	71.00 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			3380.00	
Shut In Tool	5.00			3385.00	
Hydraulic tool	5.00			3390.00	
Packer	4.00			3394.00	20.00 Bottom Of Top Packer
Packer	5.00			3399.00	
Stubb	1.00			3400.00	
Perforations	4.00			3404.00	
Change Over Sub	1.00			3405.00	
Blank Spacing	31.00			3436.00	
Change Over Sub	1.00			3437.00	
Recorder	0.00	6751	Inside	3437.00	
Perforations	10.00			3447.00	
Recorder	0.00	13630	Outside	3447.00	
Bullnose	3.00			3450.00	51.00 Bottom Packers & Anchor

Total Tool Length: 71.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18961

DST#: 4

ATTN: Roger Martin

Test Start: 2004.03.23 @ 23:32:33

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: 72.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.71 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Clean Oil	0.015
62.00	OGCM 48% mud 26% oil 26% gas	0.305
0.00	Tool Fluid 100% clean oil	0.000
0.00	989 Feet of gas in pipe	0.000

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

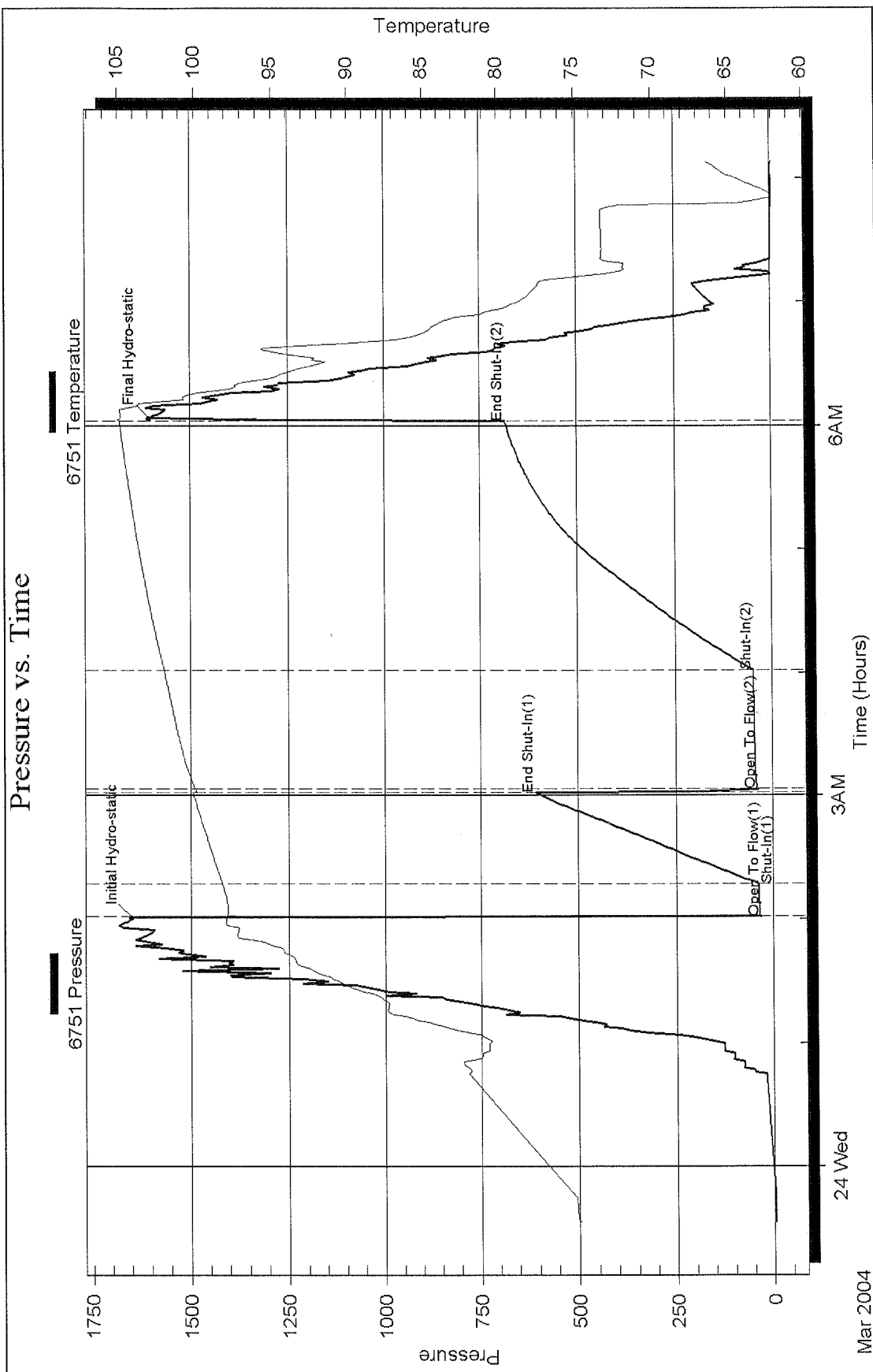
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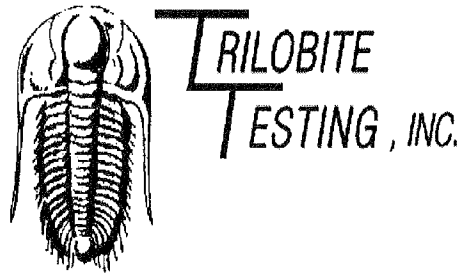
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

Hall D # 1-17

Start Date: 2004.03.24 @ 17:01:34

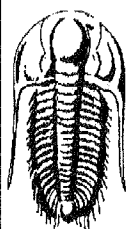
End Date: 2004.03.25 @ 01:07:54

Job Ticket #: 18962 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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18962

DST#: 5

Test Start: 2004.03.24 @ 17:01:34

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 19:40:44

Time Test Ended: 01:07:54

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3449.00 ft (CF) To 3505.00 ft (CF) (TVD)**

Total Depth: 3505.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 51.75 psig @ 3487.00 ft (CF)

Start Date: 2004.03.24

End Date:

2004.03.25

Start Time: 17:01:44

End Time:

01:07:53

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.24 @ 19:37:44

Time Off Btm: 2004.03.24 @ 23:00:54

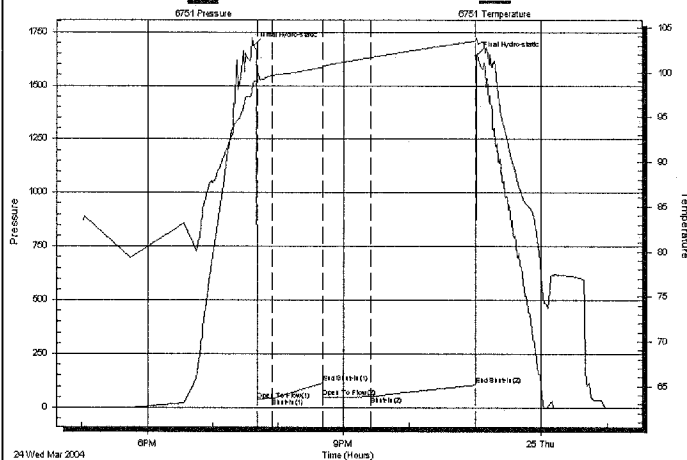
TEST COMMENT: IF- Weak blow building to 1 inch

IS- No blow

FF- Very weak blow ; flush tool in 8 minutes; blow built back to 3/4 inch

FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

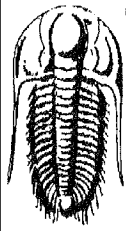
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.79	98.95	Initial Hydro-static
3	35.59	98.97	Open To Flow (1)
18	45.80	99.64	Shut-In (1)
64	114.94	100.55	End Shut-In (1)
64	49.39	100.57	Open To Flow (2)
107	51.75	101.64	Shut-In (2)
203	106.07	103.49	End Shut-In (2)
204	1639.84	103.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	GOCM 68% mud 20% gas 12% oil	0.25
0.00	Tool Fluid OCM 70% mud 30% oil	0.00

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 Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18962

DST#: 5

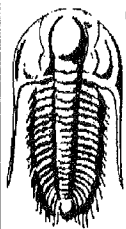
ATTN: Roger Martin

Test Start: 2004.03.24 @ 17:01:34

Tool Information

Drill Pipe:	Length: 3183.00 ft	Diameter: 3.80 inches	Volume: 44.65 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	70000.00 lb
			Total Volume: 45.85 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3449.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 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			3423.00	
Shut In Tool	5.00			3428.00	
Hydraulic tool	5.00			3433.00	
Jars	5.00			3438.00	
Safety Joint	2.00			3440.00	
Packer	4.00			3444.00	27.00 Bottom Of Top Packer
Packer	5.00			3449.00	
Stubb	1.00			3450.00	
Perforations	4.00			3454.00	
Change Over Sub	1.00			3455.00	
Blank Spacing	31.00			3486.00	
Change Over Sub	1.00			3487.00	
Recorder	0.00	6751	Inside	3487.00	
Perforations	15.00			3502.00	
Recorder	0.00	13630	Outside	3502.00	
Bullnose	3.00			3505.00	56.00 Bottom Packers & Anchor
Total Tool Length:		83.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18962

DST#: 5

ATTN: Roger Martin

Test Start: 2004.03.24 @ 17:01:34

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:

14000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.94 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GOCM 68% mud 20% gas 12% oil	0.246
0.00	Tool Fluid OCM 70% mud 30% oil	0.000

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

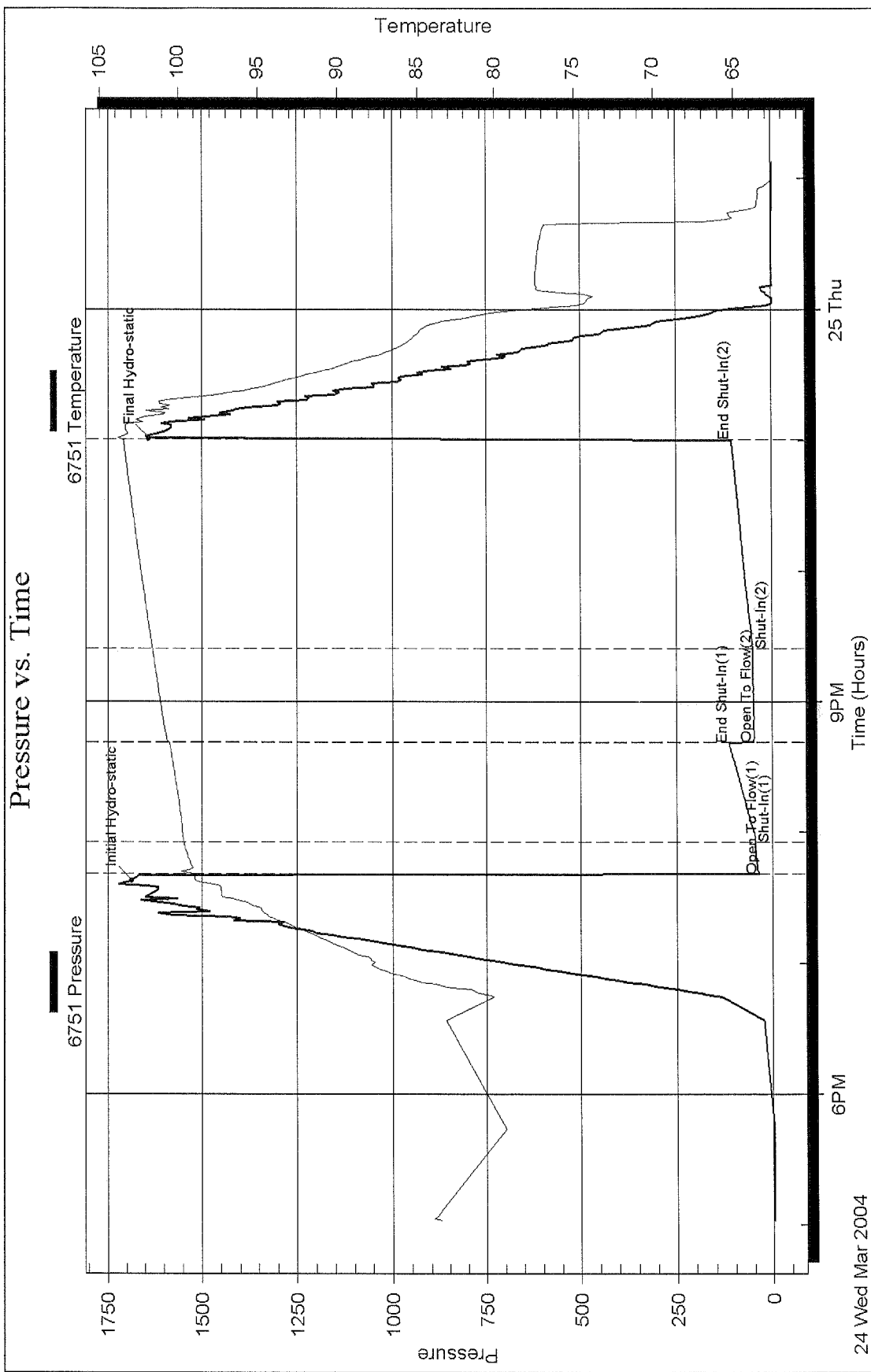
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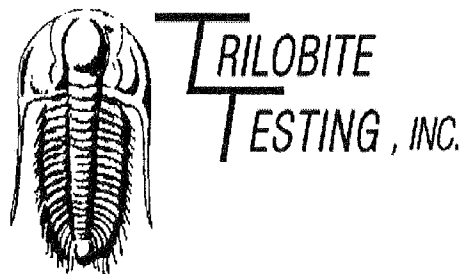
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

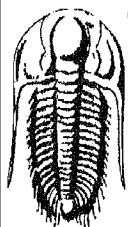
Hall D # 1-17

Start Date: 2004.03.25 @ 07:43:15

End Date: 2004.03.25 @ 16:17:45

Job Ticket #: 18963 DST #: 6

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 Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18963

DST#: 6

Test Start: 2004.03.25 @ 07:43:15

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 09:35:55

Time Test Ended: 16:17:45

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3452.00 ft (CF) To 3523.00 ft (CF) (TVD)**

Total Depth: 3523.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6751** Inside

Press@RunDepth: 125.82 psig @ 3490.00 ft (CF)

Start Date: 2004.03.25

End Date:

2004.03.25

Start Time: 07:43:25

End Time:

16:17:44

Capacity: 7000.00 psig

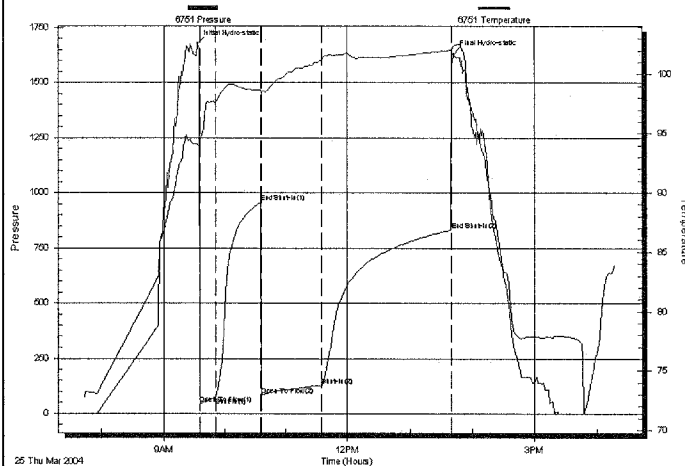
Last Calib.: 1899.12.30

Time On Btm: 2004.03.25 @ 09:33:15

Time Off Btm: 2004.03.25 @ 13:42:15

TEST COMMENT: IF- Fair blow building to 7 1/2 inches
IS- No blow
FF- Fair blow building O.B.B. in 18 minutes 15 seconds
FS- Weak blow building to 2 1/4 inches

Pressure vs. Time



PRESSURE SUMMARY

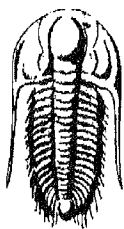
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1675.90	94.15	Initial Hydro-static
3	41.50	93.97	Open To Flow (1)
18	75.46	97.67	Shut-In (1)
63	955.24	98.64	End Shut-In (1)
64	83.56	98.53	Open To Flow (2)
123	125.82	101.31	Shut-In (2)
247	832.10	102.04	End Shut-In (2)
249	1629.71	102.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Clean Oil	0.05
62.00	OMCG 46%gas 28%oil 26%mud	0.30
186.00	OGCM 50%mud 30%gas 20%oil	1.04
0.00	Tool Fluid OGCM 64%mud 28%oil 8%gas	0.00
0.00	238 feet of gas in pipe	0.00

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 Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18963

DST#: 6

ATTN: Roger Martin

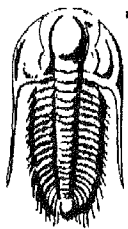
Test Start: 2004.03.25 @ 07:43:15

Tool Information

Drill Pipe:	Length: 3214.00 ft	Diameter: 3.80 inches	Volume: 45.08 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 74000.00 lb
		Total Volume: 46.28 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3452.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	98.00 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			3426.00	
Shut In Tool	5.00			3431.00	
Hydraulic tool	5.00			3436.00	
Jars	5.00			3441.00	
Safety Joint	2.00			3443.00	
Packer	4.00			3447.00	27.00 Bottom Of Top Packer
Packer	5.00			3452.00	
Stubb	1.00			3453.00	
Perforations	4.00			3457.00	
Change Over Sub	1.00			3458.00	
Blank Spacing	31.00			3489.00	
Change Over Sub	1.00			3490.00	
Recorder	0.00	6751	Inside	3490.00	
Perforations	30.00			3520.00	
Recorder	0.00	13630	Outside	3520.00	
Bullnose	3.00			3523.00	71.00 Bottom Packers & Anchor
Total Tool Length:		98.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18963

DST#: 6

ATTN: Roger Martin

Test Start: 2004.03.25 @ 07:43:15

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:

13000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Clean Oil	0.049
62.00	OMCG 46%gas 28%oil 26%mud	0.305
186.00	OGCM 50%mud 30%gas 20%oil	1.042
0.00	Tool Fluid OGCM 64%mud 28%oil 8%gas	0.000
0.00	238 feet of gas in pipe	0.000

Total Length: 258.00 ft

Total Volume: 1.396 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

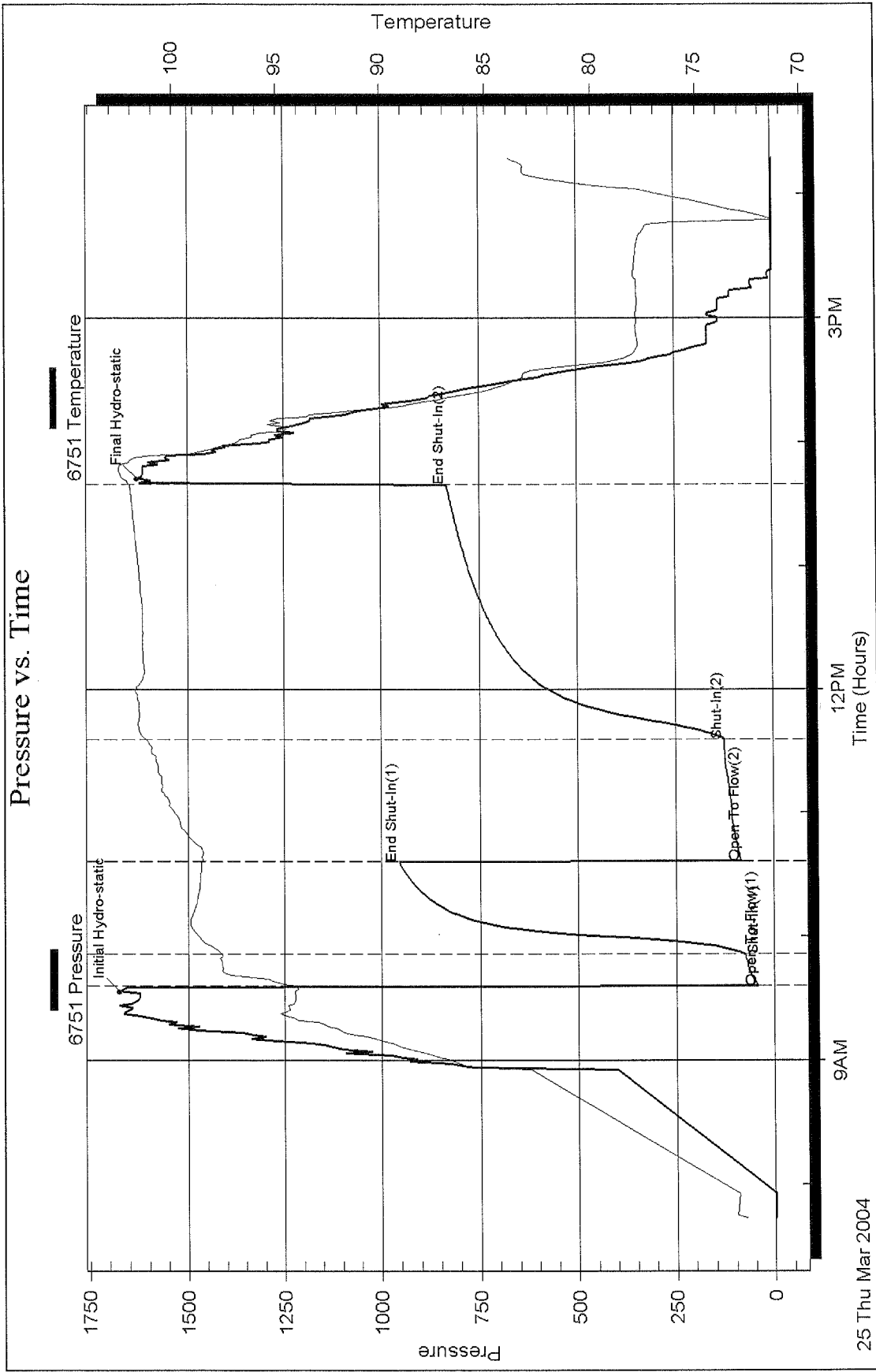
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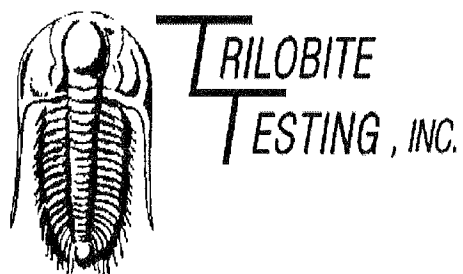
Mull Drilling Co., Inc

17-21s-12w Stafford

DST Test Number: 6

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co., Inc**

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

17-21s-12w Stafford

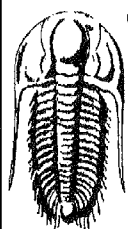
Hall D # 1-17

Start Date: 2004.03.25 @ 23:11:31

End Date: 2004.03.26 @ 08:01:01

Job Ticket #: 18964 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

Mull Drilling Co., Inc

P.O. Box 2758
Wichita, KS 67201

ATTN: Roger Martin

Hall D # 1-17

17-21s-12w Stafford

Job Ticket: 18964

DST#: 7

Test Start: 2004.03.25 @ 23:11:31

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (CF)

Time Tool Opened: 00:53:01

Time Test Ended: 08:01:01

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: **3523.00 ft (CF) To 3540.00 ft (CF) (TVD)**

Total Depth: 3540.00 ft (CF) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1863.00 ft (KB)

1854.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751 Inside

Press@RunDepth: 240.26 psig @ 3524.00 ft (CF)

Start Date: 2004.03.25

End Date:

2004.03.26

Start Time: 23:11:41

End Time:

08:01:00

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.03.26 @ 00:49:41

Time Off Btm: 2004.03.26 @ 04:36:40

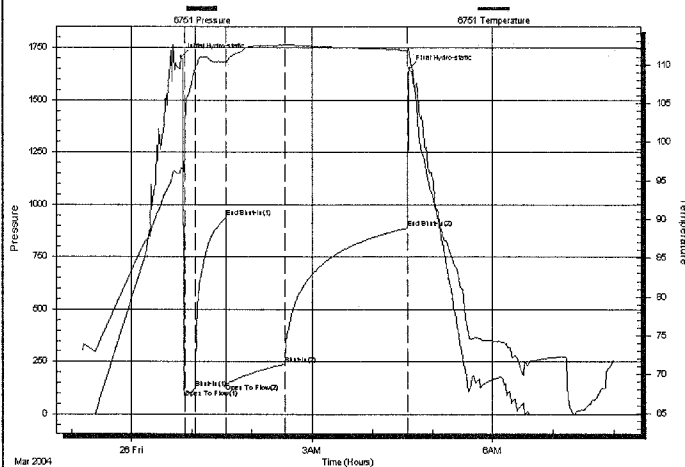
TEST COMMENT: IF- Good blow building O.B.B. in 1 minute 35 seconds

IS- Weak blow building to 6 1/2 inches

FF- Good blow building O.B.B. in 1 minute 50 seconds

FS- Fair blow building O.B.B. in 5 minutes 10 seco

Pressure vs. Time



PRESSURE SUMMARY

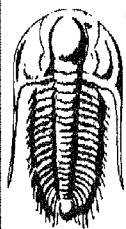
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.64	96.66	Initial Hydro-static
4	78.88	98.67	Open To Flow (1)
14	124.64	109.34	Shut-In(1)
45	937.86	110.28	End Shut-In(1)
46	146.59	110.10	Open To Flow (2)
104	240.26	112.50	Shut-In(2)
226	888.86	111.82	End Shut-In(2)
227	1651.32	111.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	MW 96%w water 4% mud	0.61
124.00	GOCWM 2%gas 6%oil 72%w water 20% m	0.65
124.00	GOCWM 42%gas 10%oil 12%w water 36%	1.74
201.00	Clean Gassy Oil	2.82
0.00	1597 feet of gas in pipe	0.00

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 Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18964

DST#: 7

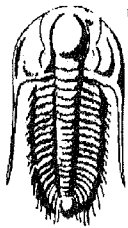
ATTN: Roger Martin

Test Start: 2004.03.25 @ 23:11:31

Tool Information

Drill Pipe:	Length: 3271.00 ft	Diameter: 3.80 inches	Volume: 45.88 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose:	72000.00 lb
			Total Volume: 47.08 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3523.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					
Gravity of Oil = 38					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3497.00	
Shut In Tool	5.00			3502.00	
Hydraulic tool	5.00			3507.00	
Jars	5.00			3512.00	
Safety Joint	2.00			3514.00	
Packer	4.00			3518.00	27.00 Bottom Of Top Packer
Packer	5.00			3523.00	
Stubb	1.00			3524.00	
Recorder	0.00	6751	Inside	3524.00	
Perforations	13.00			3537.00	
Recorder	0.00	13630	Outside	3537.00	
Bullnose	3.00			3540.00	17.00 Bottom Packers & Anchor
Total Tool Length:		44.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc

Hall D # 1-17

P.O. Box 2758
Wichita, KS 67201

17-21s-12w Stafford

Job Ticket: 18964

DST#: 7

ATTN: Roger Martin

Test Start: 2004.03.25 @ 23:11:31

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:

40000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 12500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
124.00	MW 96%water 4%mud	0.610
124.00	GOCWM 2%gas 6%oil 72%water 20%mud	0.646
124.00	GOCWM 42%gas 10%oil 12%water 36%mud	1.739
201.00	Clean Gassy Oil	2.820
0.00	1597 feet of gas in pipe	0.000

Total Length: 573.00 ft

Total Volume: 5.815 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Inside

Mull Drilling Co., Inc

17-21s-12w Stafford

DST Test Number: 7

Pressure vs. Time

