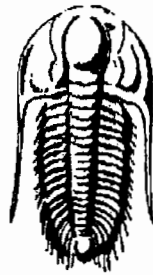


15-185-23248

26-21s-13w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.08 @ 22:17:25

End Date: 2004.05.09 @ 10:06:05

Job Ticket #: 19655 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 F #1-26

26-21s-13w Stafford

Job Ticket: 19655

DST#: 1

Test Start: 2004.05.08 @ 22:17:25

GENERAL INFORMATION:

Formation: LKC A & B

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:38:25

Time Test Ended: 10:06:05

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: 3296.00 ft (KB) To 3346.00 ft (KB) (TVD)

Total Depth: 3346.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Inside

Press@RunDepth: 1164.29 psig @ 3333.00 ft (KB)

Start Date: 2004.05.08

End Date:

2004.05.09

Start Time: 22:17:35

End Time:

10:06:05

Capacity: 7000.00 psig

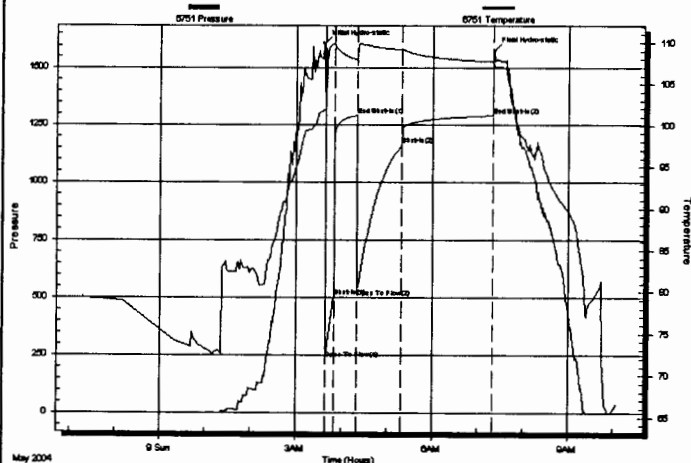
Last Calib.: 1899.12.30

Time On Btmr: 2004.05.09 @ 03:35:34

Time Off Btmr: 2004.05.09 @ 07:20:55

TEST COMMENT: IF- Strong blow O.B.B. in 50 seconds
IS- No blow
FF- Strong blow O.B.B. in 45 seconds
FS- Weak surface blow

Pressure vs. Time



PRESSURE SUMMARY

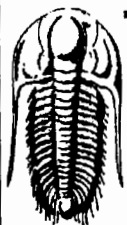
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.80	101.94	Initial Hydro-static
3	234.71	101.80	Open To Flow (1)
14	505.42	109.88	Shut-In(1)
44	1292.84	107.97	End Shut-In(1)
45	536.27	108.03	Open To Flow (2)
104	1164.29	109.19	Shut-In(2)
224	1291.96	107.74	End Shut-In(2)
226	1576.13	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SGOMCW 8%gas 12%oil 46%water 34%0.59	
1302.00	SGOMCW 12%gas 8%oil 24%mud 56%w17.13	
1054.00	gassy saltwater	14.78

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19655

DST#: 1

ATTN: Roger Martin

Test Start: 2004.05.08 @ 22:17:25

Tool Information

Drill Pipe:	Length: 3040.00 ft	Diameter: 3.80 inches	Volume: 42.64 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 68000.00 lb
		Total Volume: 43.84 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3296.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 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			3277.00	
Shut In Tool	5.00			3282.00	
Hydraulic tool	5.00			3287.00	
Packer	4.00			3291.00	20.00 Bottom Of Top Packer
Packer	5.00			3296.00	
Stubb	1.00			3297.00	
Perforations	3.00			3300.00	
Change Over Sub	1.00			3301.00	
Blank Spacing	31.00			3332.00	
Change Over Sub	1.00			3333.00	
Recorder	0.00	6751	Inside	3333.00	
Perforations	10.00			3343.00	
Recorder	0.00	13630	Outside	3343.00	
Bullnose	3.00			3346.00	50.00 Bottom Packers & Anchor

Total Tool Length: 70.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19655

DST#: 1

ATTN: Roger Martin

Test Start: 2004.05.08 @ 22:17:25

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:

55000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.88 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SGOMCW 8%gas 12%oil 46%water 34%mud	0.590
1302.00	SGOMCW 12%gas 8%oil 24%mud 56%water	17.134
1054.00	gassy saltwater	14.785

Total Length: 2476.00 ft

Total Volume: 32.509 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

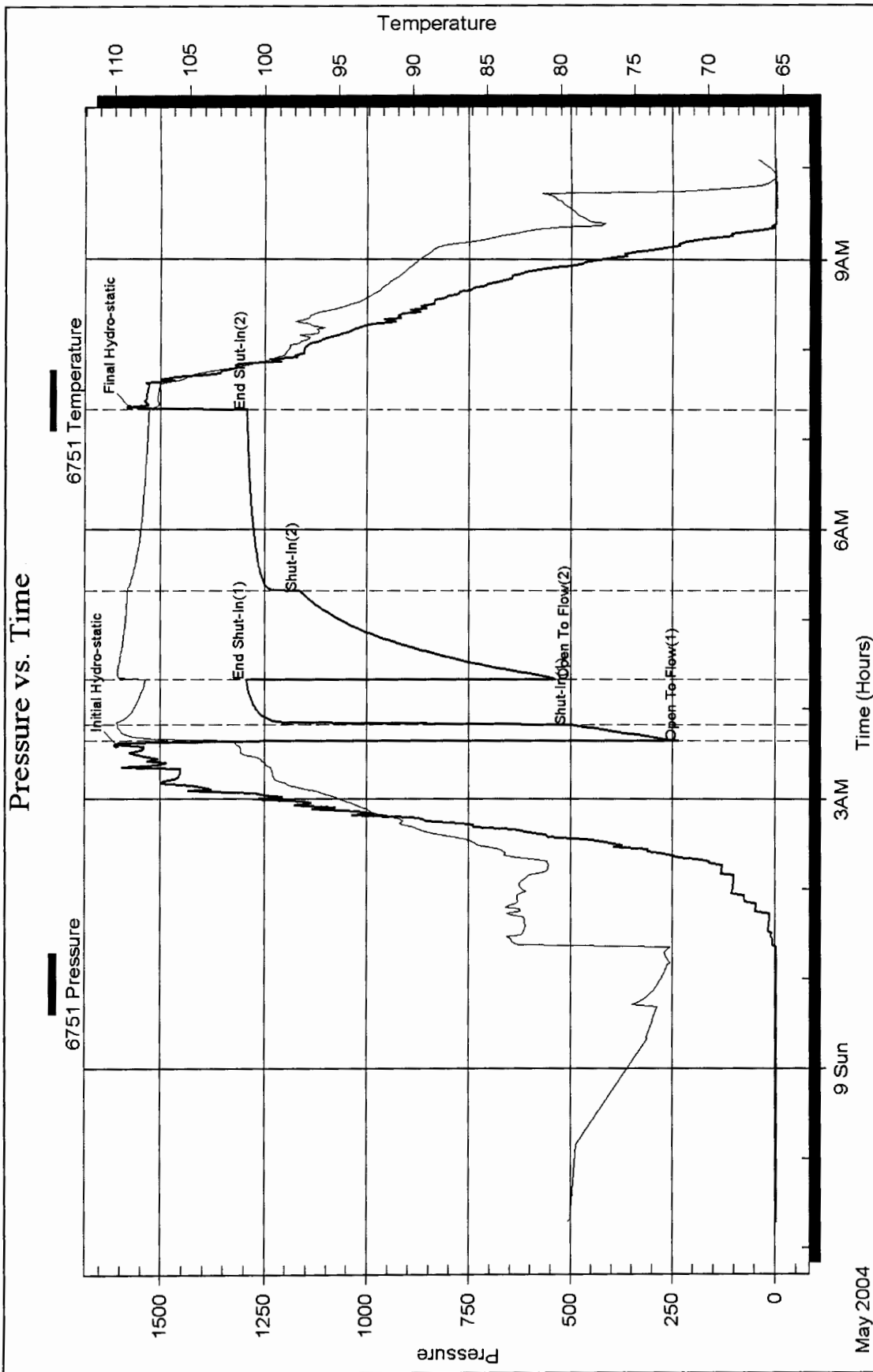
Inside

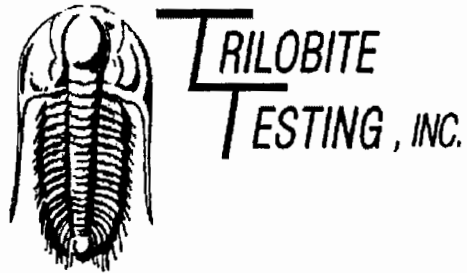
Mull Drilling Co., Inc.

26-21s-13w

Stafford

DST Test Number: 1





DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.09 @ 18:05:20

End Date: 2004.05.10 @ 04:57:00

Job Ticket #: 19656 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 F #1-26

26-21s-13w Stafford

Job Ticket: 19656

DST#: 2

Test Start: 2004.05.09 @ 18:05:20

GENERAL INFORMATION:

Formation: LKC D-F

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:32:30

Time Test Ended: 04:57:00

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: 3350.00 ft (KB) To 3390.00 ft (KB) (TVD)

Total Depth: 3390.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Inside

Press@RunDepth: 1299.58 psig @ 3351.00 ft (KB)

Start Date: 2004.05.09

End Date:

2004.05.10

Start Time: 18:05:30

End Time:

04:57:00

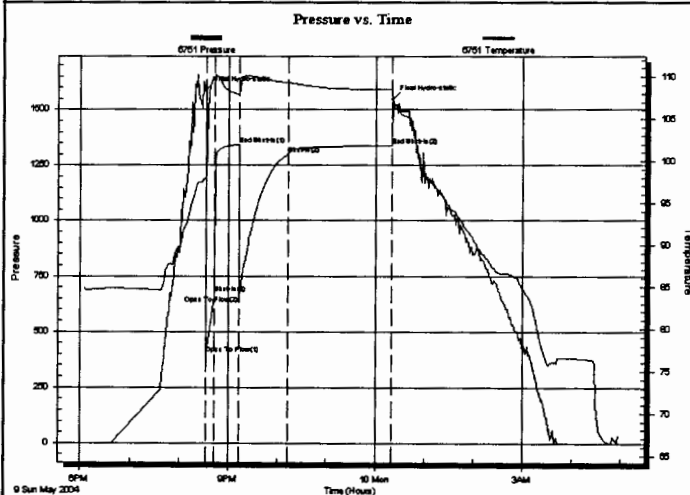
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.05.09 @ 20:31:10

Time Off Btm: 2004.05.10 @ 00:20:59

TEST COMMENT: IF- Strong blow O.B.B. in 35 seconds
IS- Very weak surface blow
FF- Strong blow O.B.B. in 42 seconds
FS- Very weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1585.63	97.95	Initial Hydro-static
2	400.94	97.78	Open To Flow (1)
12	669.61	109.91	Shut-In (1)
42	1342.50	107.90	End Shut-In (1)
42	660.32	107.76	Open To Flow (2)
102	1299.58	109.32	Shut-In (2)
229	1339.03	108.51	End Shut-In (2)
230	1547.48	106.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Clean gassy oil	0.15
124.00	GOCMW 4%gas 10%oil 42%w ater 44% n0.61	0.61
558.00	GSOCMW 30%gas 4%oil 36%w ater 30%7.01	7.01
620.00	SOGCW 10%gas 8%oil 82%w ater	8.70
1426.00	gassy saltw ater	20.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19656

DST#:2

ATTN: Roger Martin

Test Start: 2004.05.09 @ 18:05:20

Tool Information

Drill Pipe:	Length: 3100.00 ft	Diameter: 3.80 inches	Volume: 43.48 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: 68000.00 lb
		Total Volume: 44.68 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3350.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3331.00	
Shut In Tool	5.00			3336.00	
Hydraulic tool	5.00			3341.00	
Packer	4.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Recorder	0.00	6751	Inside	3351.00	
Perforations	36.00			3387.00	
Recorder	0.00	13630	Outside	3387.00	
Bullnose	3.00			3390.00	40.00 Bottom Packers & Anchor
Total Tool Length:	60.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19656

DST#: 2

ATTN: Roger Martin

Test Start: 2004.05.09 @ 18:05:20

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:

64000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.49 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Clean gassy oil	0.148
124.00	GOCMW 4%gas 10%oil 42%w ater 44%mud	0.610
558.00	GSOCMW 30%gas 4%oil 36%w ater 30%mud	7.007
620.00	SOGCW 10%gas 8%oil 82%w ater	8.697
1426.00	gassy saltwater	20.003

Total Length: 2758.00 ft

Total Volume: 36.465 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

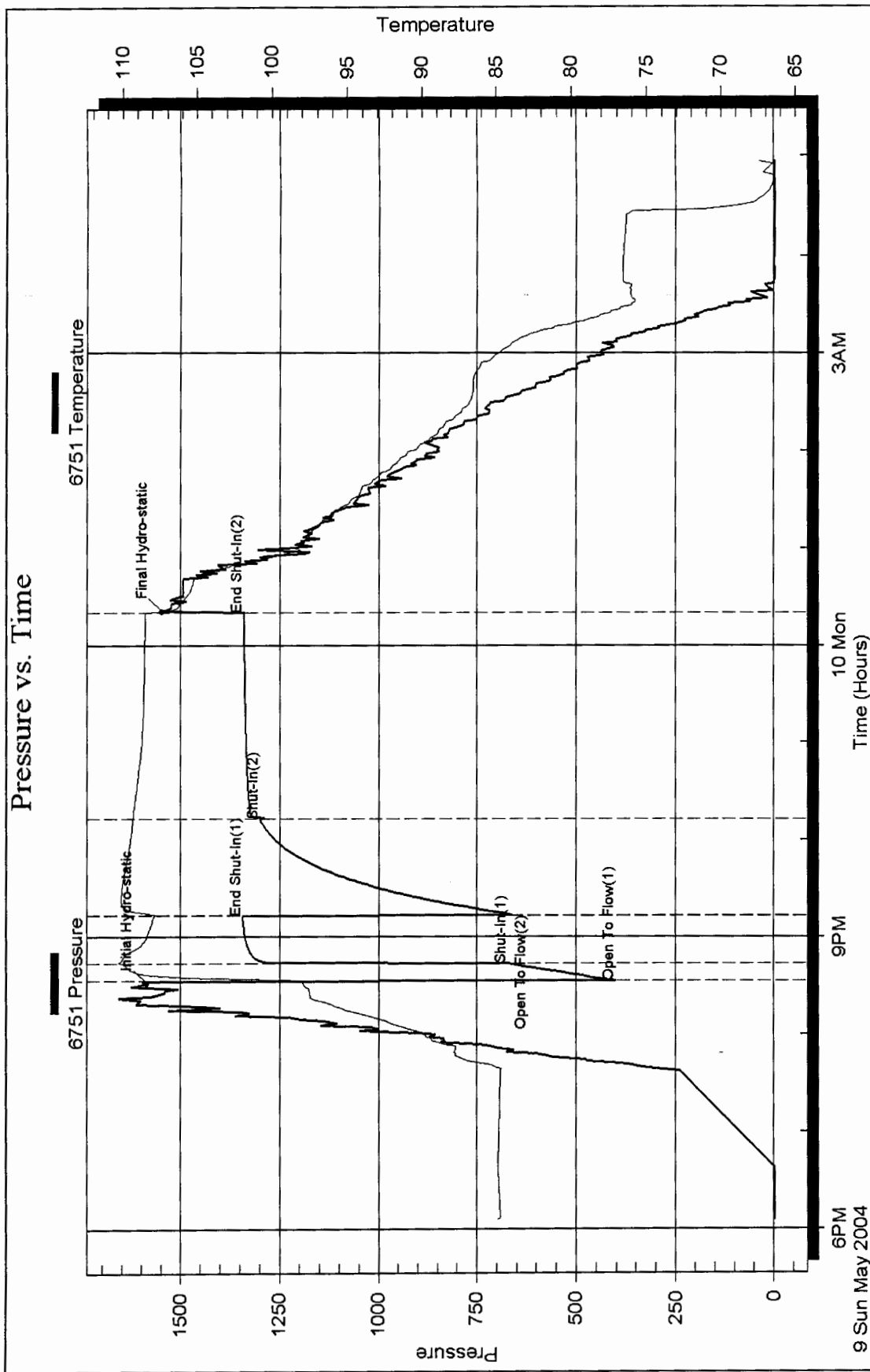
Inside

Mull Drilling Co., Inc.

26-21s-13w

Stafford

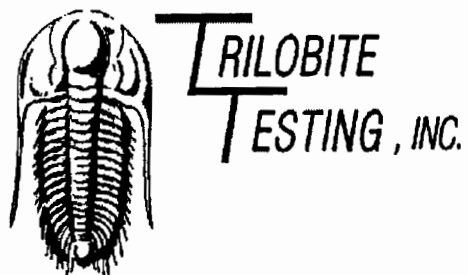
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 19656

Printed: 2004.05.21 @ 09:58:35 Page 5



DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.10 @ 13:11:13

End Date: 2004.05.10 @ 21:09:33

Job Ticket #: 19657 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 F #1-26

26-21s-13w Stafford

Job Ticket: 19657

DST#: 3

Test Start: 2004.05.10 @ 13:11:13

GENERAL INFORMATION:

Formation: **LKC-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:54:23

Time Test Ended: 21:09:33

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: **3396.00 ft (KB) To 3430.00 ft (KB) (TVD)**

Total Depth: 3530.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Inside

Press@RunDepth: 99.99 psig @ 3397.00 ft (KB)

Start Date: 2004.05.10

End Date:

2004.05.10

Start Time: 13:11:23

End Time:

21:09:32

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.05.10 @ 14:50:03

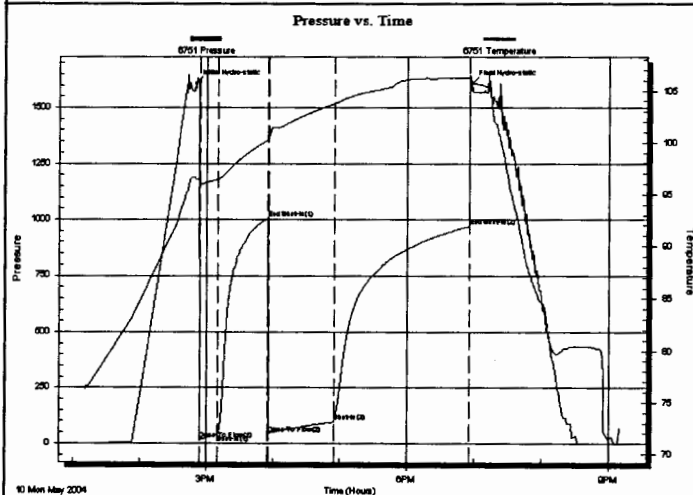
Time Off Btm: 2004.05.10 @ 18:57:43

TEST COMMENT: IF- Weak blow building to 5 1/2 inches

IS- No blow

FF- Fair blow building to 8 inches

FS- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.95	96.62	Initial Hydro-static
5	17.84	96.12	Open To Flow (1)
20	37.93	96.47	Shut-In (1)
66	1003.12	100.24	End Shut-In (1)
66	44.26	100.61	Open To Flow (2)
126	99.99	103.77	Shut-In (2)
246	969.05	106.27	End Shut-In (2)
248	1604.94	105.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	OWCM 10%oil 22%water 68%mud	0.30
120.00	MCW 90%water 10%mud	0.59
0.00	129 feet of gas in pipe	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19657

DST#: 3

ATTN: Roger Martin

Test Start: 2004.05.10 @ 13:11:13

Tool Information

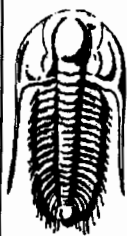
Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 66000.00 lb
		Total Volume:	45.53 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3396.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 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

Change Over Sub	1.00			3377.00	
Shut In Tool	5.00			3382.00	
Hydraulic tool	5.00			3387.00	
Packer	4.00			3391.00	20.00 Bottom Of Top Packer
Packer	5.00			3396.00	
Stubb	1.00			3397.00	
Recorder	0.00	6751	Inside	3397.00	
Perforations	30.00			3427.00	
Recorder	0.00	13630	Outside	3427.00	
Bullnose	3.00			3430.00	34.00 Bottom Packers & Anchor
Total Tool Length:	54.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19657

DST#: 3

ATTN: Roger Martin

Test Start: 2004.05.10 @ 13:11:13

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:

56000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.50 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	OWCM 10%oil 22%water 68%mud	0.300
120.00	MCW 90%water 10%mud	0.590
0.00	129 feet of gas in pipe	0.000

Total Length: 181.00 ft

Total Volume: 0.890 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

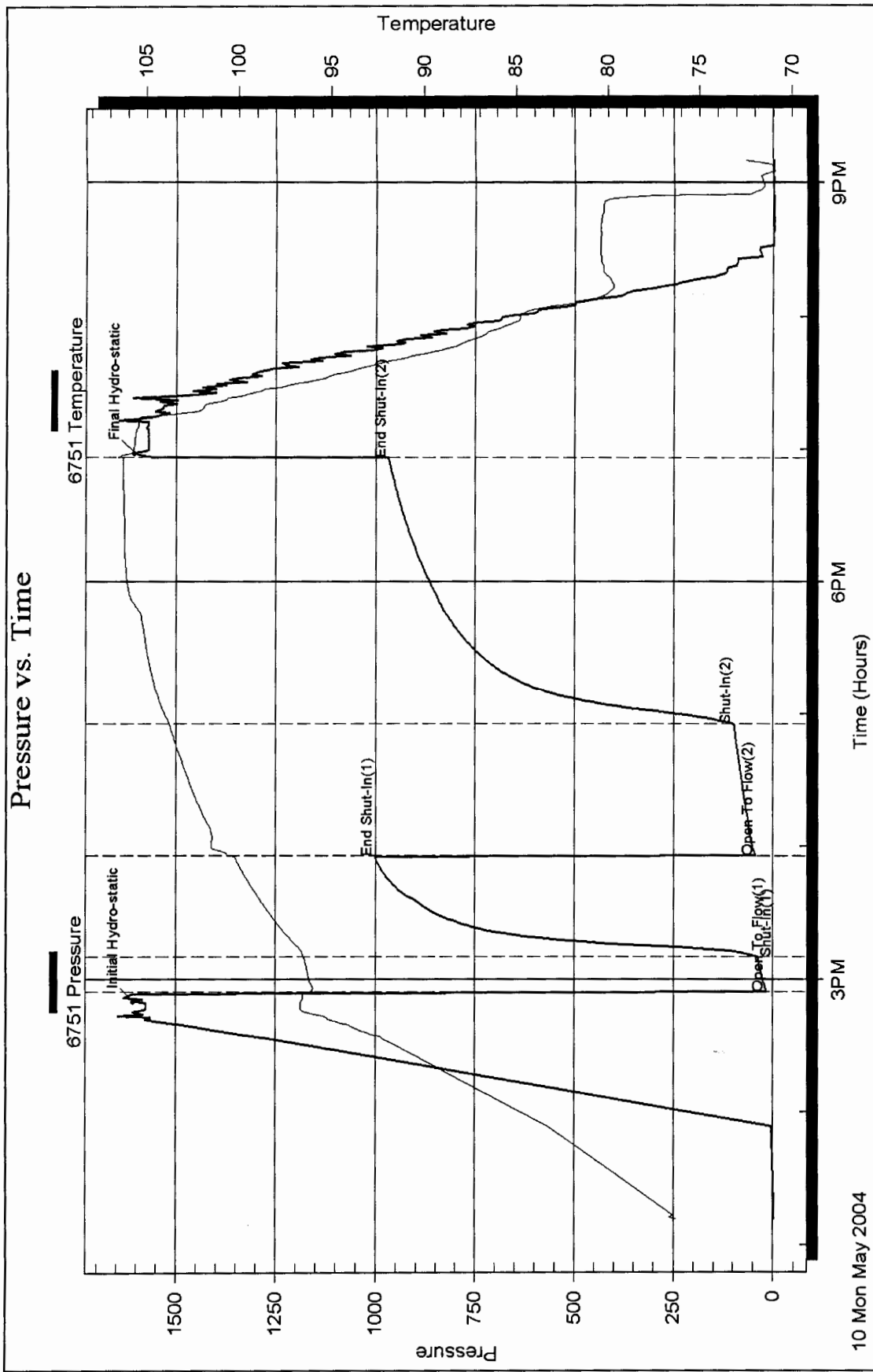
Serial #: 6751

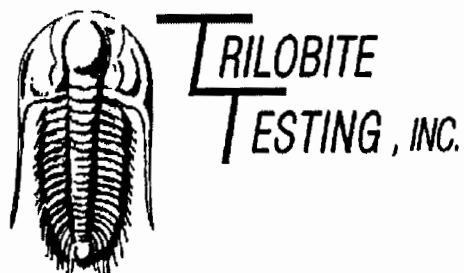
Inside

Mull Drilling Co., Inc.

26-21s-13w Stafford

DST Test Number: 3





DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.11 @ 06:11:25

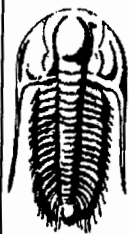
End Date: 2004.05.11 @ 15:06:14

Job Ticket #: 19658 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.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19658

DST#: 4

ATTN: Roger Martin

Test Start: 2004.05.11 @ 06:11:25

GENERAL INFORMATION:

Formation: LKC H,I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:42:25

Time Test Ended: 15:06:14

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: 3424.00 ft (KB) To 3465.00 ft (KB) (TVD)

Total Depth: 3465.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Inside

Press@RunDepth: 1216.91 psig @ 3425.00 ft (KB)

Start Date: 2004.05.11

End Date:

2004.05.11

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 06:11:35

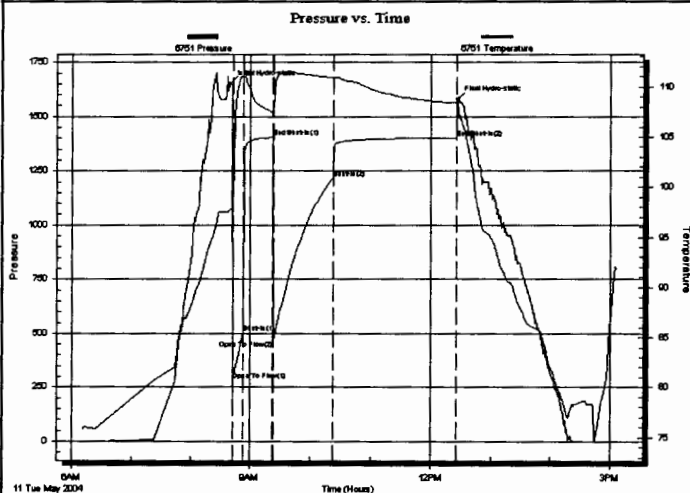
End Time:

15:06:15

Time On Btm: 2004.05.11 @ 08:39:05

Time Off Btm: 2004.05.11 @ 12:26:04

TEST COMMENT: IF- Strong blow O.B.B. in 1 minute 15 seconds
IS- Very weak surface blow
FF- Strong blow O.B.B. in 1 minute 25 seconds
FS- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1651.34	97.72	Initial Hydro-static
4	285.07	98.49	Open To Flow (1)
14	505.67	111.13	Shut-In (1)
44	1405.03	107.42	End Shut-In (1)
44	468.63	107.40	Open To Flow (2)
104	1216.91	110.90	Shut-In (2)
227	1403.67	108.41	End Shut-In (2)
227	1580.30	108.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW 58% Water 42% mud	2.13
558.00	MW 90% water 10% mud	7.83
1666.00	Saltwater	23.37

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19658

DST#: 4

ATTN: Roger Martin

Test Start: 2004.05.11 @ 06:11:25

Tool Information

Drill Pipe:	Length: 3192.00 ft	Diameter: 3.80 inches	Volume: 44.78 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:	80000.00 lb
		Total Volume:	45.98 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3424.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	41.00 ft				
Tool Length:	61.00 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			3405.00	
Shut In Tool	5.00			3410.00	
Hydraulic tool	5.00			3415.00	
Packer	4.00			3419.00	20.00 Bottom Of Top Packer
Packer	5.00			3424.00	
Stubb	1.00			3425.00	
Recorder	0.00	6751	Inside	3425.00	
Perforations	37.00			3462.00	
Recorder	0.00	13630	Outside	3462.00	
Bullnose	3.00			3465.00	41.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19658

DST#: 4

ATTN: Roger Martin

Test Start: 2004.05.11 @ 06:11:25

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:

48000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.72 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	MW 58%Water 42%mud	2.126
558.00	MW 90%water 10%mud	7.827
1666.00	Saltwater	23.370

Total Length: 2534.00 ft

Total Volume: 33.323 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

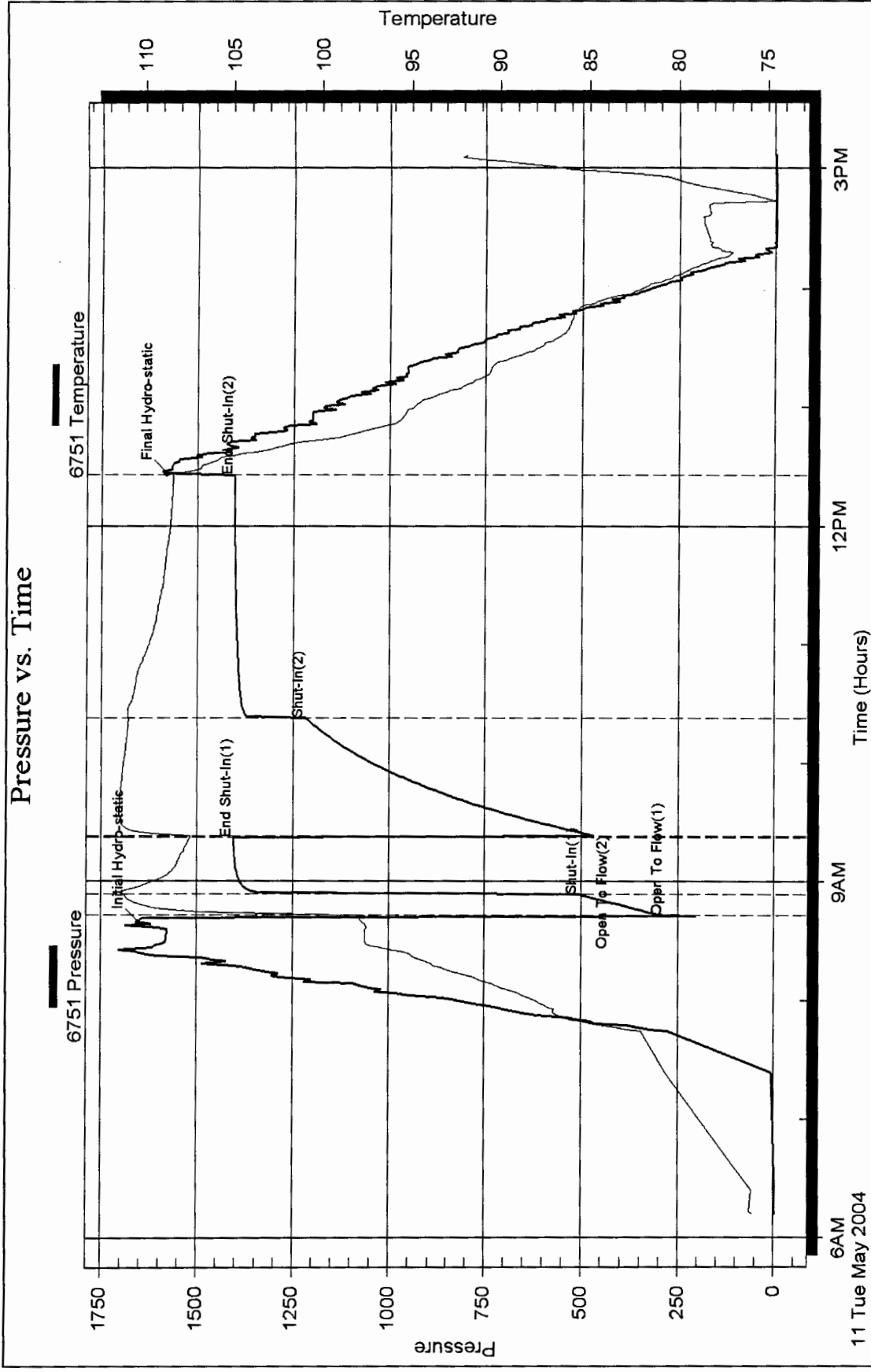
Inside

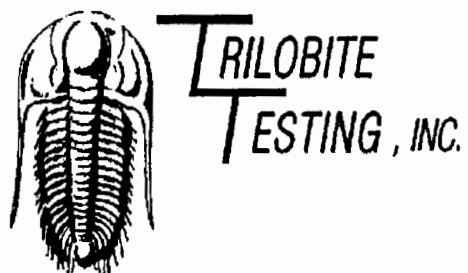
Mull Drilling Co., Inc.

26-21s-13w Stafford

DST Test Number: 4

Pressure vs. Time





DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.11 @ 22:12:13

End Date: 2004.05.12 @ 07:35:23

Job Ticket #: 19659

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 F #1-26

26-21s-13w Stafford

Job Ticket: 19659

DST#: 5

Test Start: 2004.05.11 @ 22:12:13

GENERAL INFORMATION:

Formation: LKC- J

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:14:53

Time Test Ended: 07:35:23

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: 3467.00 ft (KB) To 3485.00 ft (KB) (TVD)

Total Depth: 3485.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751 Inside

Press@RunDepth: 85.86 psig @ 3468.00 ft (KB)

Start Date: 2004.05.11

End Date:

2004.05.12

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 22:12:23

End Time:

07:35:23

Time On Btm: 2004.05.12 @ 01:09:53

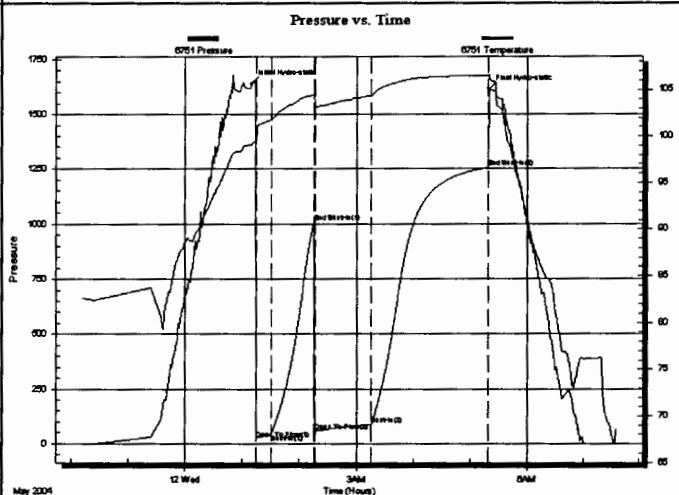
Time Off Btm: 2004.05.12 @ 05:19:03

TEST COMMENT: IF- Fair blow building O.B.B. in 6 minutes 30 seconds

IS- No blow

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

FS- Very weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.33	99.13	Initial Hydro-static
5	21.21	99.19	Open To Flow (1)
22	42.14	101.77	Shut-In (1)
66	1007.54	104.44	End Shut-In (1)
67	56.98	103.92	Open To Flow (2)
126	85.86	104.40	Shut-In (2)
249	1255.86	106.51	End Shut-In (2)
250	1615.71	106.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCO 60%oil 40%mud	0.10
120.00	MGO 40%gas 32%oil 28%mud	0.59
60.00	OWMCG 54%gas 12%oil 14%water 20%	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19659

DST#: 5

ATTN: Roger Martin

Test Start: 2004.05.11 @ 22:12:13

Tool Information

Drill Pipe:	Length: 3224.00 ft	Diameter: 3.80 inches	Volume: 45.22 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: 74000.00 lb
		Total Volume: 46.42 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3467.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	38.00 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			3448.00	
Shut In Tool	5.00			3453.00	
Hydraulic tool	5.00			3458.00	
Packer	4.00			3462.00	20.00 Bottom Of Top Packer
Packer	5.00			3467.00	
Stubb	1.00			3468.00	
Recorder	0.00	6751	Inside	3468.00	
Perforations	14.00			3482.00	
Recorder	0.00	13630	Outside	3482.00	
Bullnose	3.00			3485.00	18.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19659

DST#: 5

ATTN: Roger Martin

Test Start: 2004.05.11 @ 22:12:13

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:

bbl

Water Loss: 10.72 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	MCO 60%oil 40%mud	0.098
120.00	MGCO 40%gas 32%oil 28%mud	0.590
60.00	OWMCG 54%gas 12%oil 14%water 20%mud	0.295

Total Length: 200.00 ft

Total Volume: 0.983 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

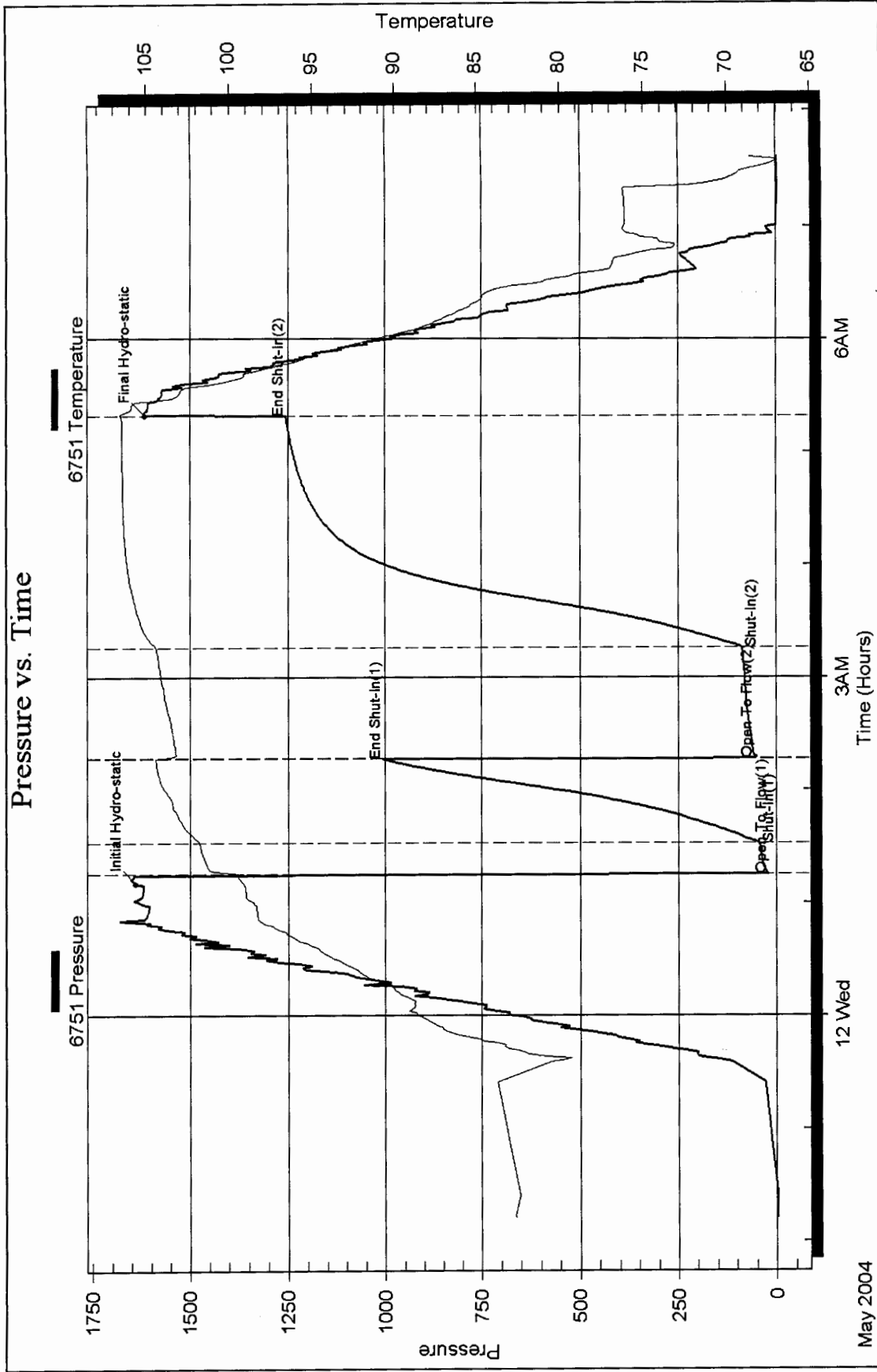
Serial #: 6751

Inside

Mull Drilling Co., Inc.

26-21s-13w Stafford

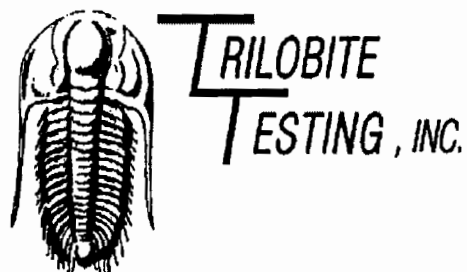
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 19659

Printed: 2004.05.21 @ 09:59:58 Page 5



DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.12 @ 16:06:49

End Date: 2004.05.13 @ 01:54:08

Job Ticket #: 19660 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 F #1-26

26-21s-13w Stafford

Job Ticket: 19660

DST#: 6

Test Start: 2004.05.12 @ 16:06:49

GENERAL INFORMATION:

Formation: LKC- L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:33:39

Time Test Ended: 01:54:08

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 16

Interval: 3483.00 ft (KB) To 3525.00 ft (KB) (TVD)

Total Depth: 3525.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Inside

Press@RunDepth: 302.24 psig @ 3484.00 ft (KB)

Start Date: 2004.05.12

End Date:

2004.05.13

Start Time: 16:06:59

End Time:

01:54:09

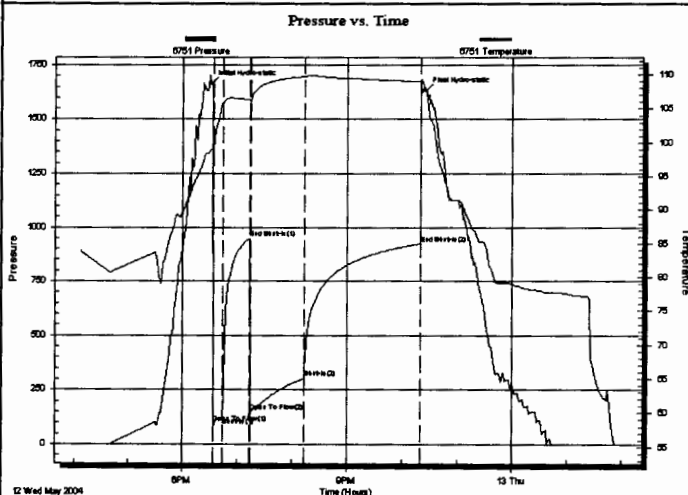
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btmr: 2004.05.12 @ 18:30:59

Time Off Btmr: 2004.05.12 @ 22:24:19

TEST COMMENT: IF- Strong blow O.B.B. in 1 minute 35 seconds
IS- Fair blow building to 9 inches; decreasing to 6 inches
FF- Strong blow O.B.B. in 40 seconds
FS- Fair blow building O.B.B. in 4 minutes; GTS durin



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.00	99.00	Initial Hydro-static
3	95.03	98.87	Open To Flow (1)
13	123.73	105.95	Shut-In (1)
43	947.91	106.36	End Shut-In (1)
44	151.38	106.10	Open To Flow (2)
103	302.24	109.74	Shut-In (2)
229	923.21	109.06	End Shut-In (2)
234	1630.95	107.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GWOCM 10%gas 26%oil 14%water 50%0.20	
124.00	SMWCOCG 59%gas 25%oil 9%water 6%0.61	
62.00	OWCG 50%gas 38%oil 12%water	0.30
62.00	SMCOGCW 20%gas 30%oil 42%water 8%0.71 d	
364.00	MW 96%water 4%mud	5.11

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19660

DST#: 6

ATTN: Roger Martin

Test Start: 2004.05.12 @ 16:06:49

Tool Information

Drill Pipe:	Length: 3225.00 ft	Diameter: 3.80 inches	Volume: 45.24 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:	95000.00 lb
		Total Volume:	46.44 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3483.00 ft			Final	53000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	62.00 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			3464.00	
Shut In Tool	5.00			3469.00	
Hydraulic tool	5.00			3474.00	
Packer	4.00			3478.00	20.00 Bottom Of Top Packer
Packer	5.00			3483.00	
Stubb	1.00			3484.00	
Recorder	0.00	6751	Inside	3484.00	
Perforations	38.00			3522.00	
Recorder	0.00	13630	Outside	3522.00	
Bullnose	3.00			3525.00	42.00 Bottom Packers & Anchor
Total Tool Length:	62.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19660

DST#: 6

ATTN: Roger Martin

Test Start: 2004.05.12 @ 16:06:49

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:

55000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.14 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 15000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GWOCM 10%gas 26%oil 14%water 50%mud	0.197
124.00	SMWCOCG 59%gas 25%oil 9%water 6%muc	0.610
62.00	OWCG 50%gas 38%oil 12%water	0.305
62.00	SMCOGCW 20%gas 30%oil 42%water 8%ml	0.706
364.00	MW 96%water 4%mud	5.106

Total Length: 652.00 ft

Total Volume: 6.924 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

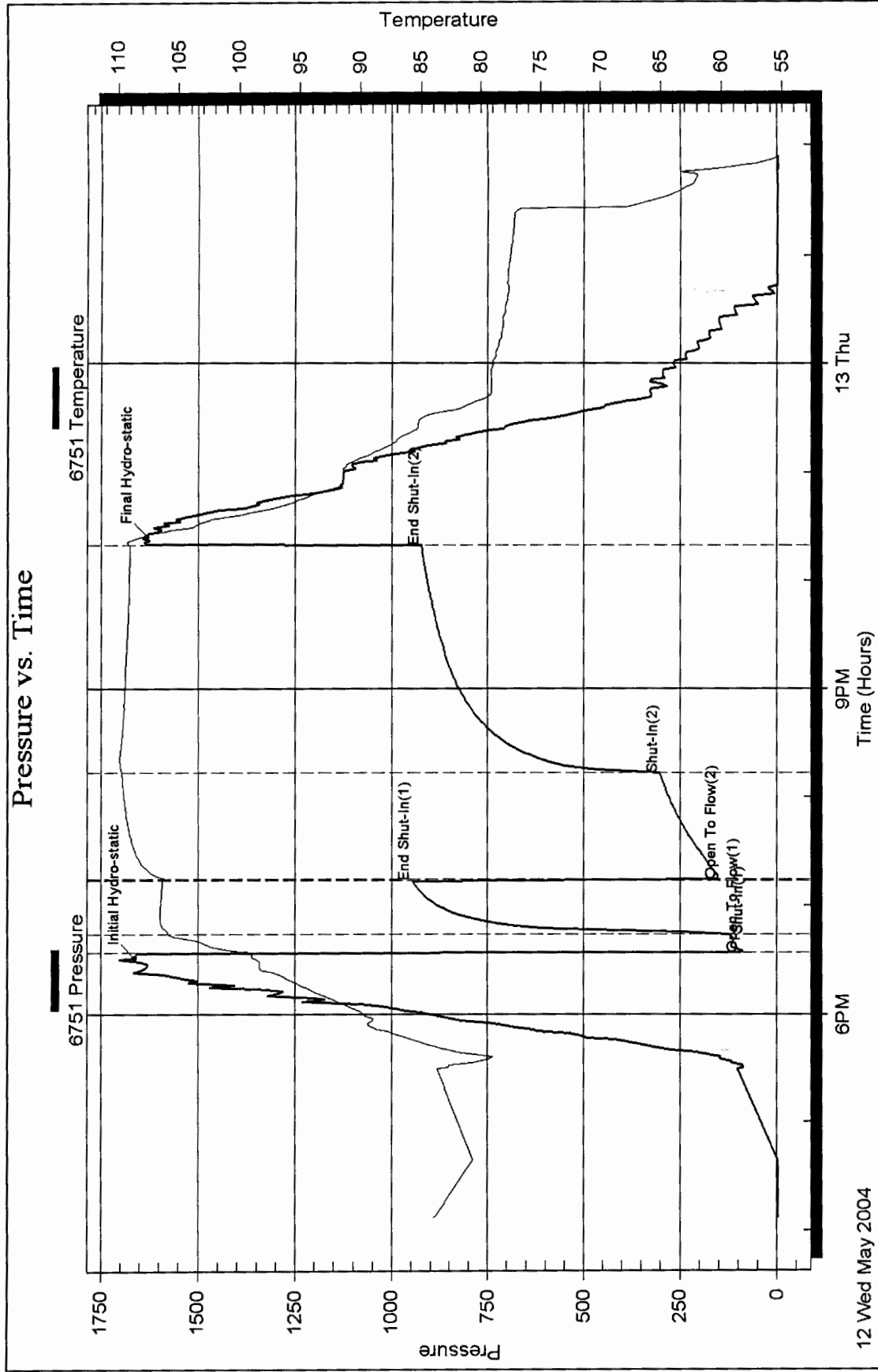
Inside

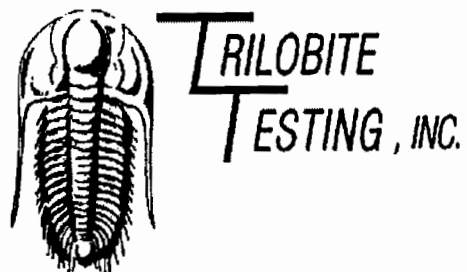
Mull Drilling Co., Inc.

26-21s-13w 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

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.13 @ 15:12:47

End Date: 2004.05.14 @ 00:36:57

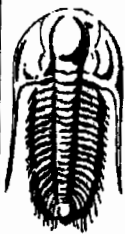
Job Ticket #: 19661

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 F #1-26

26-21s-13w Stafford

Job Ticket: 19661

DST#: 7

Test Start: 2004.05.13 @ 15:12:47

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:56:47

Time Test Ended: 00:36:57

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: **3522.00 ft (KB) To 3645.00 ft (KB) (TVD)**

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: **6751** Inside

Press@RunDepth: 170.36 psig @ 3624.00 ft (KB)

Start Date: 2004.05.13

End Date:

2004.05.14

Start Time: 15:12:57

End Time:

00:36:57

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.05.13 @ 17:53:37

Time Off Btm: 2004.05.13 @ 21:40:27

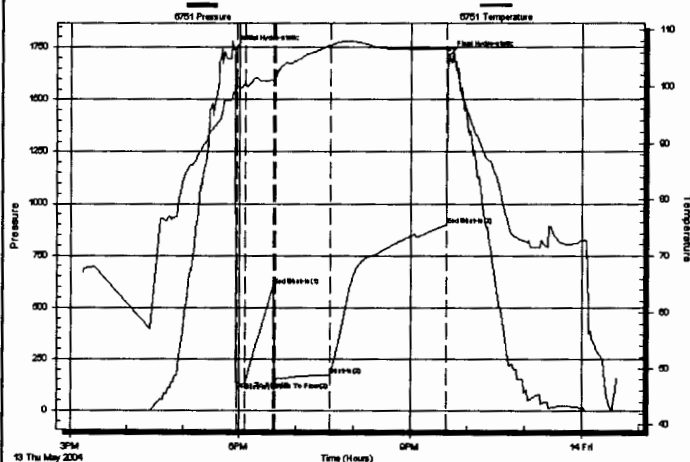
TEST COMMENT: IF- Strong blow building O.B.B. in 1 minute 25 seconds

IS- No blow

FF- Strong blow O.B.B. in 20 seconds

FS- Fair blow building O.B.B. in 10 minutes 40 seconds then decreasing to 5 inches

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1741.76	98.92	Initial Hydro-static
4	102.84	100.27	Open To Flow (1)
13	133.30	100.46	Shut-In (1)
42	604.49	101.16	End Shut-In (1)
44	139.81	101.43	Open To Flow (2)
102	170.36	107.27	Shut-In (2)
225	898.34	106.68	End Shut-In (2)
227	1711.83	106.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
82.00	OGCM 20%gas 23%oil 57%mud	0.40
122.00	SOCGCM 48%gas 16%oil 36%mud	0.60
122.00	SOCGCM 50%gas 14%oil 36%mud	1.35
0.00	Tool Fluid: SGCOCM 10%gas 26%oil 64%0.00!	

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

Hall F #1-26

26-21s-13w Stafford

Job Ticket: 19661

DST#: 7

Test Start: 2004.05.13 @ 15:12:47

Tool Information

Drill Pipe:	Length: 3257.00 ft	Diameter: 3.80 inches	Volume: 45.69 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: 46.89 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3522.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	123.00 ft			
Tool Length:	150.00 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			3496.00	
Shut In Tool	5.00			3501.00	
Hydraulic tool	5.00			3506.00	
Jars	5.00			3511.00	
Safety Joint	2.00			3513.00	
Packer	4.00			3517.00	27.00 Bottom Of Top Packer
Packer	5.00			3522.00	
Stubb	1.00			3523.00	
Perforations	4.00			3527.00	
Change Over Sub	1.00			3528.00	
Blank Spacing	95.00			3623.00	
Change Over Sub	1.00			3624.00	
Recorder	0.00	6751	Inside	3624.00	
Perforations	18.00			3642.00	
Recorder	0.00	13630	Outside	3642.00	
Bullnose	3.00			3645.00	123.00 Bottom Packers & Anchor
Total Tool Length:	150.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19661

DST#: 7

ATTN: Roger Martin

Test Start: 2004.05.13 @ 15:12:47

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 16000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
82.00	OGCM 20%gas 23%oil 57%mud	0.403
122.00	SOCGCM 48%gas 16%oil 36%mud	0.600
122.00	SOCGCM 50%gas 14%oil 36%mud	1.347
0.00	Tool Fluid: SGCOCM 10%gas 26%oil 64%mur	0.000

Total Length: 326.00 ft

Total Volume: 2.350 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6751

Inside

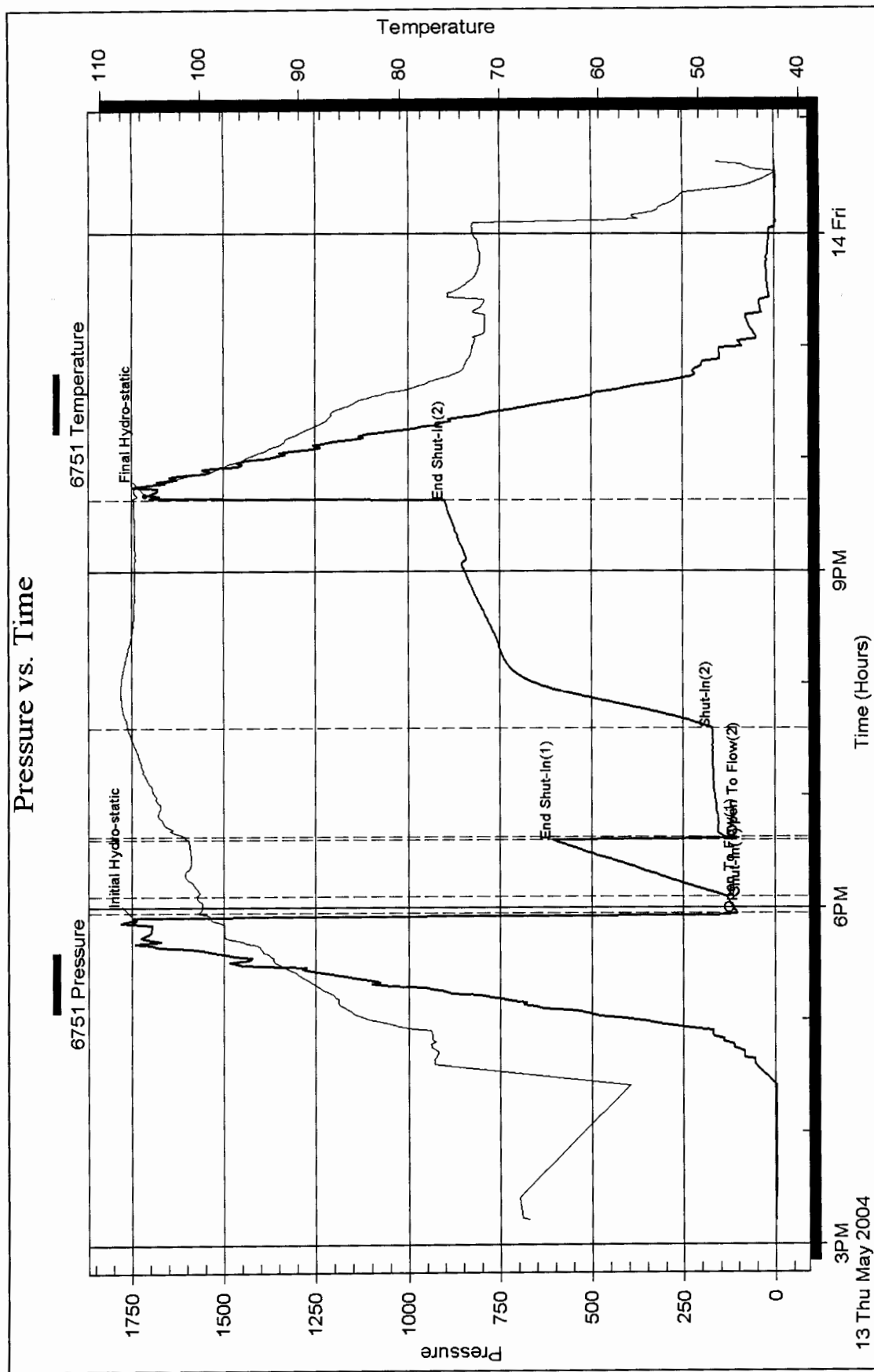
Mull Drilling Co., Inc.

26-21s-13w

Stafford

DST Test Number: 7

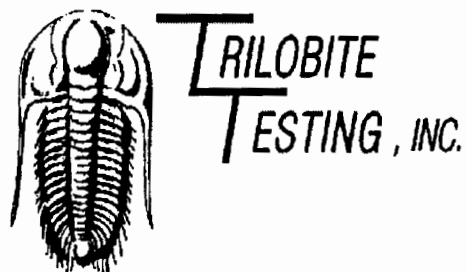
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 19661

Printed: 2004.05.21 @ 10:00:57 Page 5



DRILL STEM TEST REPORT

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

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

26-21s-13w Stafford

Hall F #1-26

Start Date: 2004.05.14 @ 07:24:25

End Date: 2004.05.14 @ 18:06:44

Job Ticket #: 19662 DST #: 8

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling Co., Inc.

P.O. Box 2758
Wichita, Ks 67201

ATTN: Roger Martin

Hall F #1-26

26-21s-13w Stafford

Job Ticket: 19662

DST#: 8

Test Start: 2004.05.14 @ 07:24:25

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:31:15

Time Test Ended: 18:06:44

Test Type: Conventional Bottom Hole

Tester: Nathan

Unit No: 20

Interval: 3644.00 ft (KB) To 3655.00 ft (KB) (TVD)

Total Depth: 3655.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)

1869.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751 Inside

Press@RunDepth: 643.31 psig @ 3645.00 ft (KB)

Start Date: 2004.05.14

End Date:

2004.05.14

Start Time: 07:24:35

End Time:

18:06:45

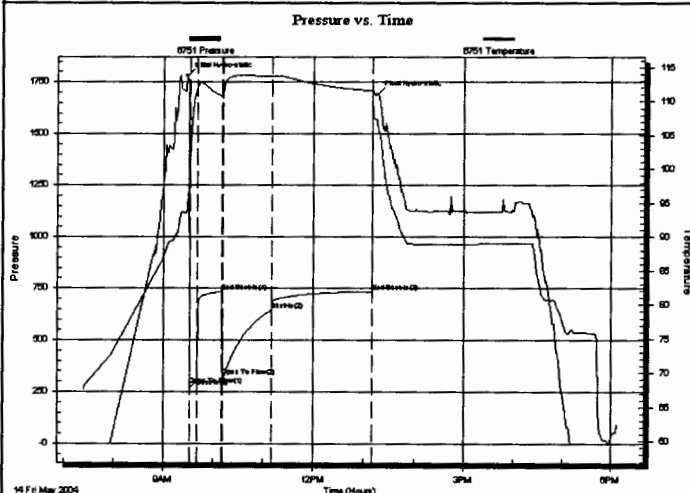
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2004.05.14 @ 09:27:35

Time Off Btm: 2004.05.14 @ 13:15:55

TEST COMMENT: IF- Strong blow O.B.B. in 50 seconds
IS- Fair blow O.B.B. in 3 minutes 30 seconds
FF- Strong blow O.B.B. in 60 seconds; GTS in 28 minutes
FS- Fair blow O.B.B. in 2 minutes 20 seconds



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1780.63	93.91	Initial Hydro-static
4	280.91	101.26	Open To Flow (1)
13	316.02	111.94	Shut-In (1)
43	733.27	110.69	End Shut-In (1)
44	322.99	110.54	Open To Flow (2)
103	643.31	113.70	Shut-In (2)
223	734.12	111.59	End Shut-In (2)
229	1689.53	107.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2292.00	Clean gassy oil	29.93
122.00	SWOGCM 20% gas 26% oil 8% water 46%	1.71
0.00	965 feet of gas in pipe	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.50	5.95
Last Gas Rate	0.13	3.50	6.70
Max. Gas Rate	0.13	3.50	6.70



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19662

DST#: 8

ATTN: Roger Martin

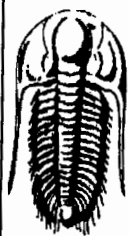
Test Start: 2004.05.14 @ 07:24:25

Tool Information

Drill Pipe:	Length: 3382.00 ft	Diameter: 3.80 inches	Volume: 47.44 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: 72000.00 lb
		Total Volume: 48.64 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3644.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	38.00 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			3618.00	
Shut In Tool	5.00			3623.00	
Hydraulic tool	5.00			3628.00	
Jars	5.00			3633.00	
Safety Joint	2.00			3635.00	
Packer	4.00			3639.00	27.00 Bottom Of Top Packer
Packer	5.00			3644.00	
Stubb	1.00			3645.00	
Recorder	0.00	6751	Inside	3645.00	
Perforations	7.00			3652.00	
Recorder	0.00	13630	Outside	3652.00	
Bullnose	3.00			3655.00	11.00 Bottom Packers & Anchor
Total Tool Length:		38.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co., Inc.

Hall F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19662

DST#: 8

ATTN: Roger Martin

Test Start: 2004.05.14 @ 07:24:25

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 16000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2292.00	Clean gassy oil	29.928
122.00	SWOGCM 20%gas 26%oil 8%water 46%mud	1.711
0.00	965 feet of gas in pipe	0.000

Total Length: 2414.00 ft

Total Volume: 31.639 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 F #1-26

P.O. Box 2758
Wichita, Ks 67201

26-21s-13w Stafford

Job Ticket: 19662

DST#: 8

ATTN: Roger Martin

Test Start: 2004.05.14 @ 07:24:25

Gas Rates Information

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

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	42	0.13	1.50	5.95
2	50	0.13	2.50	6.33
2	55	0.13	3.00	6.51
2	60	0.13	3.50	6.70

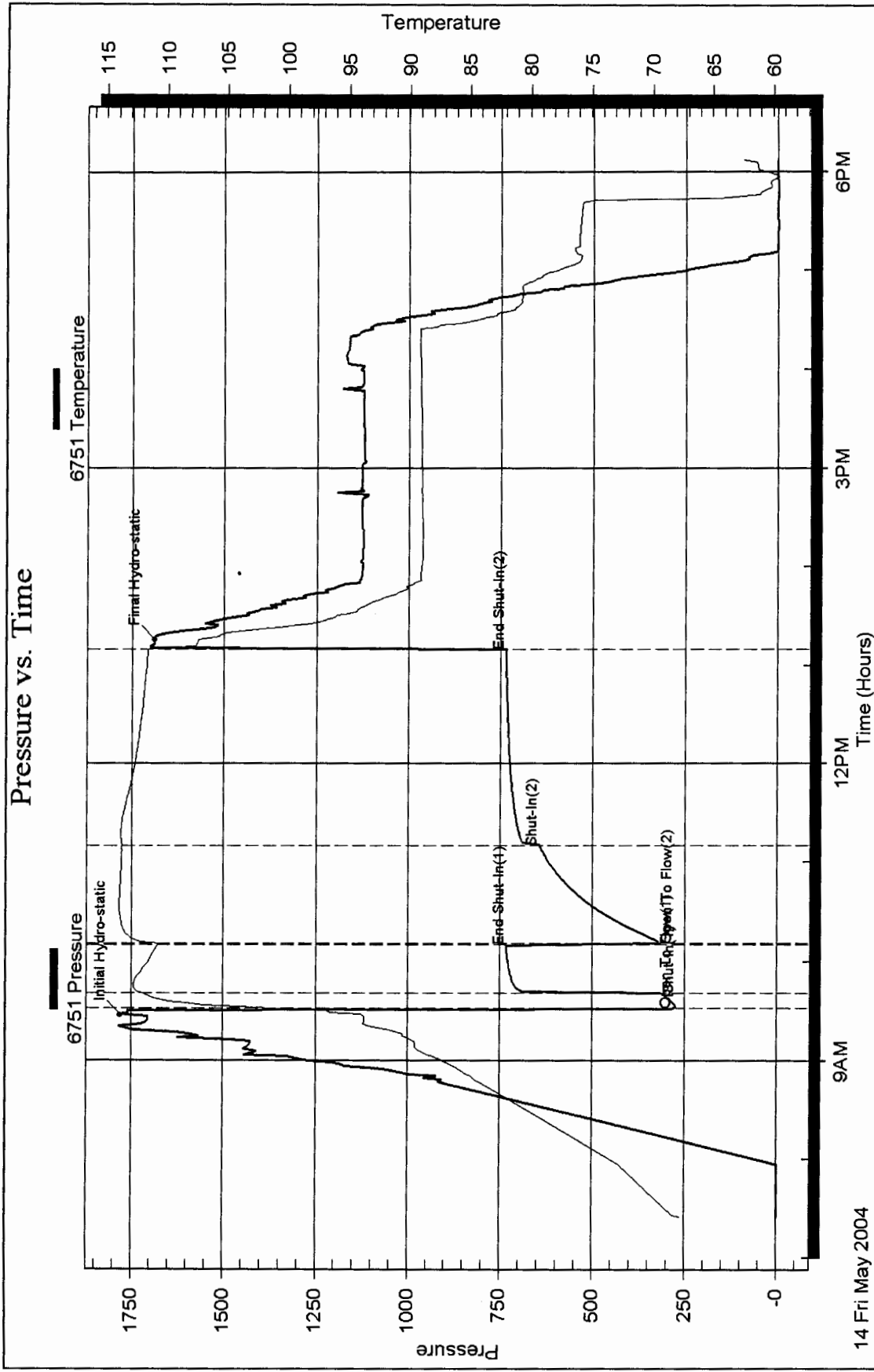
Serial #: 6751

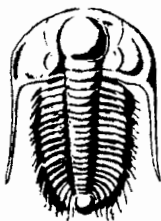
Inside

Mull Drilling Co., Inc.

26-21s-13w Stafford

DST Test Number: 8





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19655

05/03

Test Ticket

Well Name & No. Hall F#1-26 Test No. 1 Date 3/9/04
 Company Mull Drilling Co., Inc Zone Tested LKC A,B
 Address P.O. Box 2758 Wichita, KS 67201 Elevation 1876 KB 1869 GL
 Co. Rep / Geo. Roger Martin Cont. Sterling Rig #1 Est. Ft. of Pay _____ Por. _____ %
 Location: Sec. 26 Twp. 21S Rge. 13W Co. Stafford State KS
 No. of Copies _____ Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 3296 - 3346 Initial Str Wt./Lbs. 48,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 50 Wt. Set Lbs. 22,000 Wt. Pulled Loose/Lbs. 68,000
 Top Packer Depth 3291 Tool Weight 2000
 Bottom Packer Depth 3296 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3346 Wt. Pipe Run -0- Drill Collar Run 244
 Mud Wt. 8.9 LCM -0- Vis. 46 WL 8.0 Drill Pipe Size 4 1/2 Ft. Run 3050
 Blow Description IF - Strong blow O.B.B in 50 seconds
ISI - No blow
FF - Strong blow O.B.B in 45 sec
FBI - Weak surface blow

Recovery - Total Feet 2480 GIP 186 Ft. in DC 244 Ft. in DP 2236
 Rec. 120 Feet of SGO MCW 8 %gas 12 %oil 46 %water 34 %mud
 Rec. 1302 Feet of SGO MCW 12 %gas 8 %oil 56 %water 24 %mud
 Rec. 1054 Feet of gassy saltwater 4 %gas %oil 96 %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 108 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .160 @ 622 °F Chlorides 55,000 ppm Recovery _____ Chlorides 5,000 ppm System

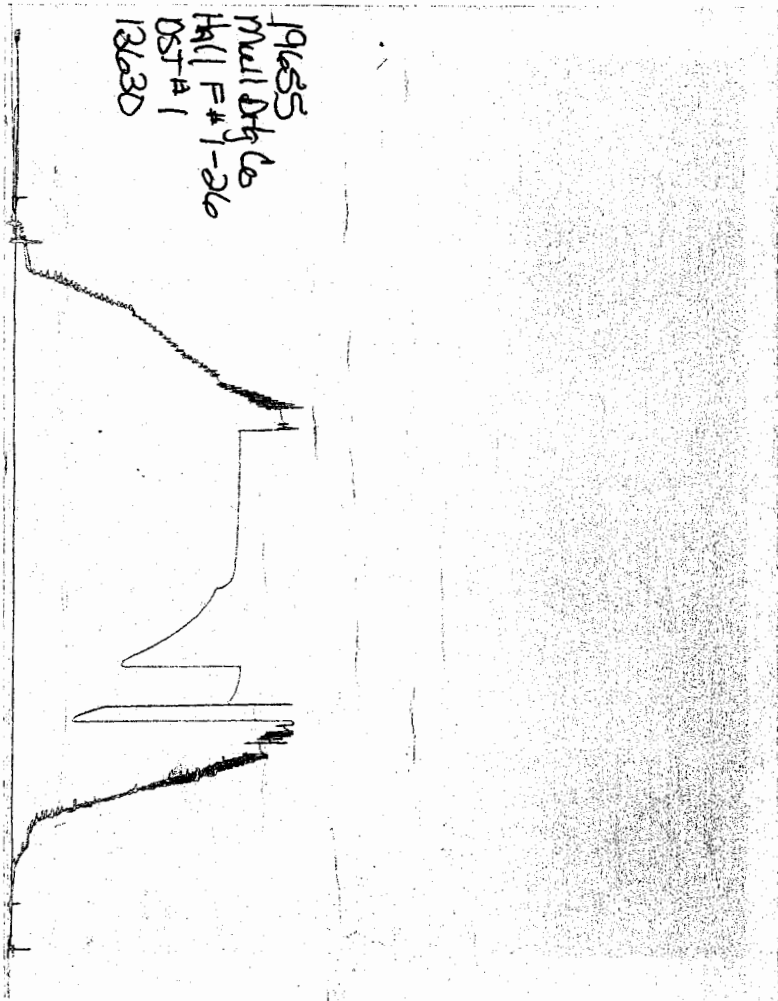
(A) Initial Hydrostatic Mud	1607 PSI	Recorder No.	6751	Test	bottom hole	700
(B) First Initial Flow Pressure	235 PSI	(depth)	3333	Elec. Rec.	✓	150
(C) First Final Flow Pressure	305 PSI	Recorder No.	13630	Jars		
(D) Initial Shut-In Pressure	1293 PSI	(depth)	3343	Safety Jt.		
(E) Second Initial Flow Pressure	336 PSI	Recorder No.		Circ Sub		
(F) Second Final Flow Pressure	1164 PSI	(depth)		Sampler		
(G) Final Shut-In Pressure	1292 PSI	Initial Opening	10	Straddle		
(Q) Final Hydrostatic Mud	1576 PSI	Initial Shut-In	30	Ext. Packer		
		Final Flow	60	Shale Packer		
		Final Shut-In	120	Mileage	12 360 61.20	
		T-On Location	21:45	Sub Total:	911.20	
		T-Started	22:18	Std. By	4/4 120.00	
		T-Open	3:39	Other	15	
		T-Pulled	7:19	Total:	\$1046.20	
		T-Out	10:00			

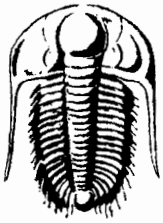
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Roger Martin
 Our Representative John Beckley

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19656

05/03

Test Ticket

Well Name & No.	Hall F#1-26	Test No.	2	Date	5/9/04
Company	Mull Drilling Co., Inc	Zone Tested	LKC D-F		
Address	P.O. Box 2758 Wichita, Ks 67201	Elevation	1878 KB 1869	GL	
Co. Rep / Geo.	Roger Martin	Cont.	Starling Rig #1	Est. Ft. of Pay	Por. %
Location: Sec.	26	Twp.	21S	Rge.	13W
		Co.	Stafford	State	KS
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3350 - 3390	Initial Str Wt./Lbs.	50,000	Unseated Str Wt./Lbs.	60,000
Anchor Length	40'	Wt. Set Lbs.	22,000	Wt. Pulled Loose/Lbs.	64,000
Top Packer Depth	3345	Tool Weight	2200		
Bottom Packer Depth	3350	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3390	Wt. Pipe Run	-0-	Drill Collar Run	244
Mud Wt.	9.0 LCM -0- Vis. 54 WL 9.6	Drill Pipe Size	4 1/2	Ft. Run	3100
Blow Description	IF - Strong blow O.B.B in 35 seconds				
	ISI - Very weak surkel blow				
	FF - Strong blow O.B.B in 42 seconds				
	FSI -				

Recovery - Total Feet	2758	GIP	-0-	Ft. in DC	244	Ft. in DP	2514
Rec. 30	Feet of	Cleargassy oil	%gas	100%	%oil	%water	%mud
Rec. 124	Feet of	GOCNWM	4%	10%	42%	44%	%mud
Rec. 538	Feet of	GSOCNW	30%	4%	36%	30%	%mud
Rec. 620	Feet of	SOECW	10%	8%	82%	%water	%mud
Rec. 1426	Feet of	gassy saltwater	%gas	%oil	100%	%water	%mud
BHT 109	°F Gravity	°API D @		°F Corrected Gravity		°API	
RW -140	@ 60.2 °F	Chlorides 64,000	ppm Recovery		Chlorides	ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	15860 PSI	Recorder No.	6751	Test	bottom hole
(B) First Initial Flow Pressure			401 PSI	(depth)	3351	Elec. Rec.	✓ 150
(C) First Final Flow Pressure			670 PSI	Recorder No.	13030	Jars	
(D) Initial Shut-In Pressure			1343 PSI	(depth)	3387	Safety Jt.	
(E) Second Initial Flow Pressure			1220 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			1300 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			1339 PSI	Initial Opening	10	Straddle	
(Q) Final Hydrostatic Mud			1347 PSI	Initial Shut-In	30	Ext. Packer	
				Final Flow	60	Shale Packer	
				Final Shut-In	120	Mileage	36 61.20
				T-On Location	17145	Sub Total:	911.20
				T-Started	18:05	Std. By 3/4	97.50
				T-Open	20:32	Other	
				T-Pulled	0:12	Total:	1008.70
				T-Out	4:57		

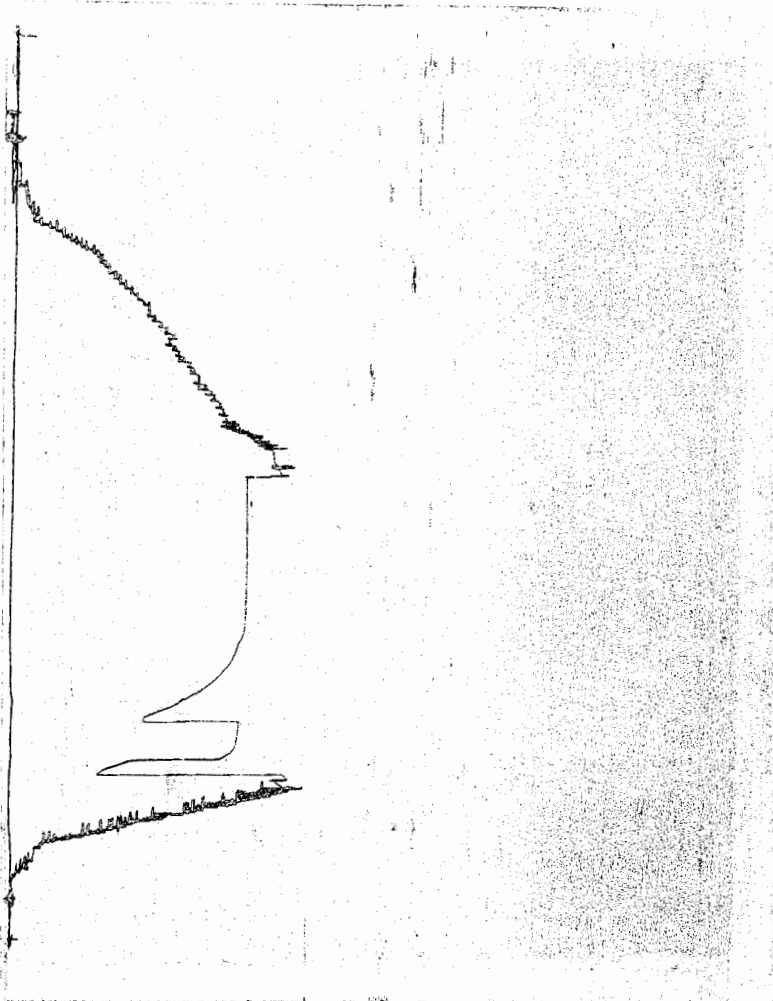
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

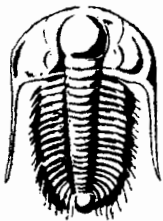
Approved By: Roger Martin

Our Representative: John Bridg

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19657

05/03

Test Ticket

Well Name & No.	Hall F #1-26	Test No.	3	Date	3/10/04
Company	Mull Drilling Co., Inc.	Zone Tested	LKC-G		
Address	P.O. Box 2758 Wichita, KS 67201	Elevation	1878	KB	1869 GL
Co. Rep / Geo.	Roger Martin	Cont.	Sterling Rig #1	Est. Ft. of Pay	Por. %
Location: Sec.	26	Twp.	21S	Rge.	13W Co. Stafford State KS
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3396 - 3430	Initial Str Wt./Lbs.	52,000	Unseated Str Wt./Lbs.	52,000
Anchor Length	34'	Wt. Set Lbs.	22,000	Wt. Pulled Loose/Lbs.	66,000
Top Packer Depth	3391	Tool Weight	2200		
Bottom Packer Depth	3396	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3430	Wt. Pipe Run	-0-	Drill Collar Run	244
Mud Wt.	9.0 LCM -0- Vis. 54 WL 9.6	Drill Pipe Size	4 1/2	Ft. Run	3160
Blow Description	IF- Weak blow building to 5 1/2 inches ISI- No blow FF- FAIR blow building to 8 inches FSI- No blow				

Recovery - Total Feet	181	GIP	129	Ft. in DC	181	Ft. in DP	-0-
Rec.	61	Feet of	awcm	%gas	10%	%oil	22%
Rec.	120	Feet of	mcw	%gas		%oil	90%
Rec.		Feet of		%gas		%oil	%water
Rec.		Feet of		%gas		%oil	%water
Rec.		Feet of		%gas		%oil	%water
BHT	1060	°F Gravity		*API D @		°F Corrected Gravity	
RW	.140 @ 69.4	*F	Chlorides 56,000	ppm Recovery		Chlorides 10,000	ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1607 PSI	Recorder No.	6751	Test	bottom hole
(B) First Initial Flow Pressure			18 PSI	(depth)	3397	Elec. Rec.	✓
(C) First Final Flow Pressure			38 PSI	Recorder No.	13630	Jars	
(D) Initial Shut-In Pressure			1003 PSI	(depth)	3427	Safety Jt.	
(E) Second Initial Flow Pressure			44 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			100 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			969 PSI	Initial Opening	15	Straddle	
(Q) Final Hydrostatic Mud			1605 PSI	Initial Shut-In	45	Ext. Packer	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Roger Martin

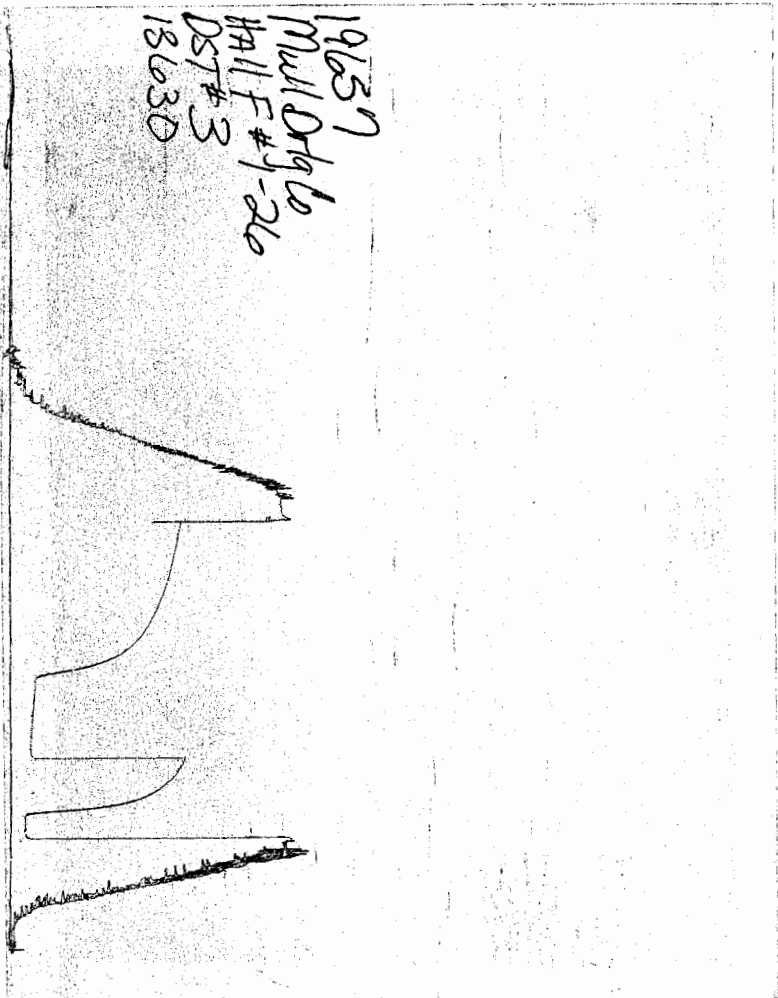
Our Representative Notman Buchig

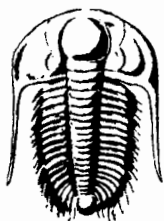
T-On Location 13:00
T-Started 13:10
T-Open 14:34
T-Pulled 18:54
T-Out 21:09

Mileage 36
Sub Total: 911.20
Std. By
Other
Total:

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19658

05/03

Test Ticket

Well Name & No.	Hall F#1-26	Test No.	4	Date	5/11/04
Company	Mull Drilling Co., Inc.	Zone Tested	LKC H, I		
Address	P.O. Box 2758 Wichita, Ks 67201	Elevation	1878 KB 1869 GL		
Co. Rep / Geo.	Roger Martin	Cont.	Starling Rig #1	Est. Ft. of Pay	Por. %
Location: Sec.	26	Twp.	21S	Rge.	13W
		Co.	Stafford	State	Ks
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3424 - 3465	Initial Str Wt./Lbs.	52,000	Unseated Str Wt/Lbs.	60,000
Anchor Length	41'	Wt. Set Lbs.	22,000	Wt. Pulled Loose/Lbs.	80,000
Top Packer Depth	3419	Tool Weight	2200		
Bottom Packer Depth	3424	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3465	Wt. Pipe Run	-0-	Drill Collar Run	244
Mud Wt.	8.9 LCM -0- Vis. 48, WL 8.8	Drill Pipe Size	4 1/2	Ft. Run	3192
Blow Description	IF - Strong blow O.B.B in 1min 15sec ISI - Very weak surface blow FF - Strong blow O.B.B in 1min 25sec FSI - No Blow				

Recovery - Total Feet	2534	GIP	-0-	Ft. in DC	244	Ft. in DP	2290
Rec.	310	Feet of	mw	%gas	%oil	58 %water	42 %mud
Rec.	558	Feet of	mw	%gas	%oil	90 %water	10 %mud
Rec.	11666	Feet of	Saltwater	%gas	%oil	100 %water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
Rec.		Feet of		%gas	%oil	%water	%mud
BHT	108	°F Gravity		°API D @		°F Corrected Gravity	°API
RW	.148 @ 81.60 °F	Chlorides	48,000 ppm	Recovery		Chlorides	14,000 ppm
		AK-1	Alpine				

(A) Initial Hydrostatic Mud	1651 PSI	Recorder No.	6751	Test	bottom hole
(B) First Initial Flow Pressure	285 PSI	(depth)	3425	Elec. Rec.	✓
(C) First Final Flow Pressure	506 PSI	Recorder No.	13630	Jars	
(D) Initial Shut-In Pressure	1405 PSI	(depth)	3462	Safety Jt.	
(E) Second Initial Flow Pressure	469 PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure	1217 PSI	(depth)		Sampler	
(G) Final Shut-In Pressure	1404 PSI	Initial Opening	10	Straddle	
(Q) Final Hydrostatic Mud	1580 PSI	Initial Shut-In	30	Ext. Packer	
		Final Flow	60	Shale Packer	
		Final Shut-In	120	Mileage	36
		T-On Location	6:00	Sub Total:	911.20
		T-Started	6:11	Std. By	1hr 30
		T-Open	8:42	Other	
		T-Pulled	12:22	Total:	941.20
		T-Out	15:06		

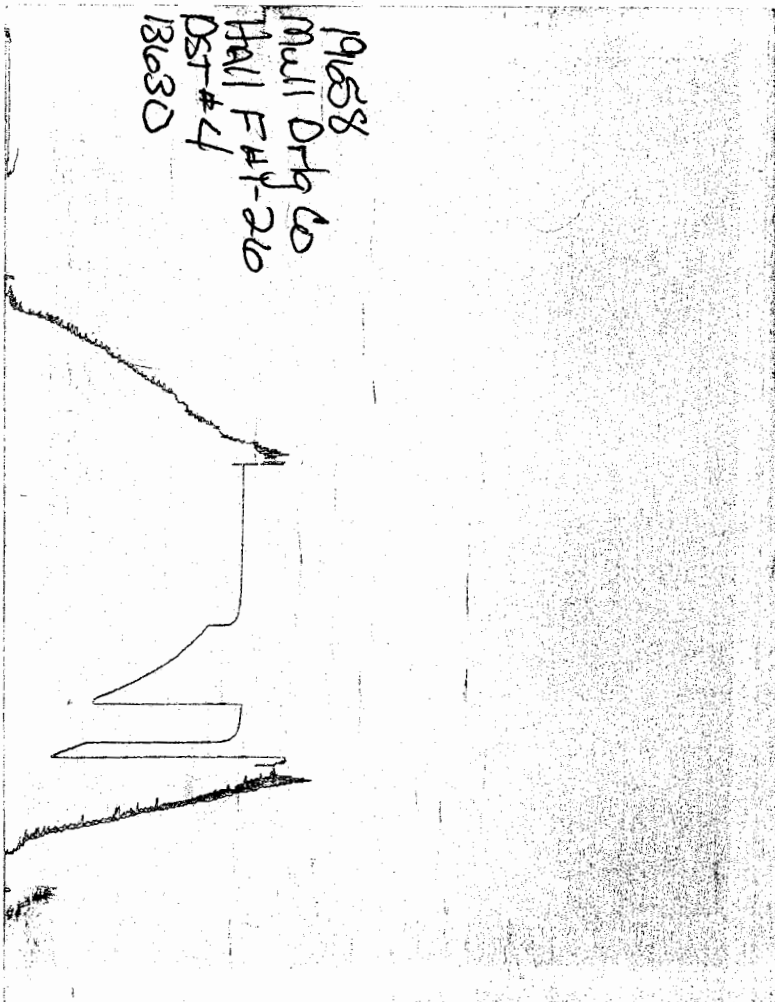
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

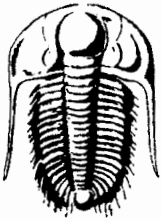
Approved By Roger Martin

Our Representative Arthur Bedig

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19659

05/03

Test Ticket

Well Name & No.	Hall F #1-26	Test No.	5	Date	5/11/04
Company	Mull Drilling Co., Inc	Zone Tested	LKC-J		
Address	P.O. Box 2758 Wichita, Ks 67201	Elevation	1878 KB 1869 GL		
Co. Rep / Geo.	Roger Martin	Cont.	Stirling Rig #1	Est. Ft. of Pay	Por. %
Location: Sec.	26	Twp.	21S	Rge.	13W
		Co.	Stafford		State KS
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	3467 - 3485	Initial Str Wt./Lbs.	50,000	Unseated Str Wt/Lbs.	51,000
Anchor Length	18'	Wt. Set Lbs	22,000	Wt. Pulled Loose/Lbs.	74,000
Top Packer Depth	3462	Tool Weight	2200		
Bottom Packer Depth	3467	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3485	Wt. Pipe Run	-0-	Drill Collar Run	244
Mud Wt.	8.8 LCM -0- Vis. 45 WL 10.8	Drill Pipe Size	4 1/2	Ft. Run	3224
Blow Description	IF- Fair blow building O.B.B in 6min 30sec ISI- No blow FF- Strong blow O.B.B. ASAT opened FSI- Very weak surface blow				
Recovery - Total Feet	200	GIP	1226	Ft. in DC	200
				Ft. in DP	-0-
Rec.	20	Feet of	MCD	%gas	60%oil
				%water	40% mud
Rec.	120	Feet of	MOOG GACOIL 40	%gas	32%oil
				%water	28% mud
Rec.	60	Feet of	ALPAC GOWCM 54	%gas	12%oil
				%water	14% mud
Rec.		Feet of		%gas	%oil
				%water	% mud
Rec.		Feet of		%gas	%oil
				%water	% mud
BHT	107	°F Gravity		°API D @	
				°F Corrected Gravity	
RW		@		°F	
		Chlorides		ppm Recovery	
				Chlorides	14,000 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	1638	PSI	Recorder No.	6751	Test bottom hole
(B) First Initial Flow Pressure	21	PSI	(depth)	3468	Elec. Rec. ✓
(C) First Final Flow Pressure	42	PSI	Recorder No.	13630	Jars
(D) Initial Shut-In Pressure	1008	PSI	(depth)	3482	Safety Jt.
(E) Second Initial Flow Pressure	57	PSI	Recorder No.		Circ Sub
(F) Second Final Flow Pressure	86	PSI	(depth)		Sampler
(G) Final Shut-In Pressure	1256	PSI	Initial Opening	15	Straddle
(Q) Final Hydrostatic Mud	1616	PSI	Initial Shut-In	45	Ext. Packer
			Final Flow	60	Shale Packer
			Final Shut-In	120	Mileage 36
			T-On Location	22:00	Sub Total: 911.20
			T-Started	22:12	Std. By 1 1/2 45
			T-Open	1:15	Other
			T-Pulled	5:15	Total: 956.20
			T-Out	7:35	

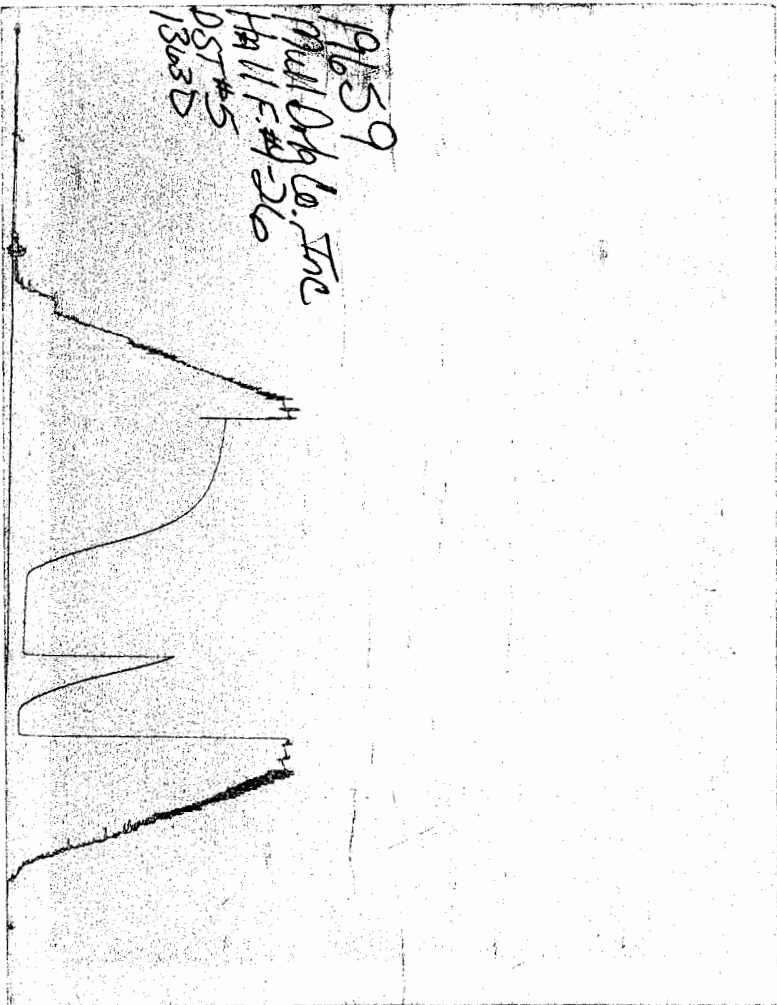
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

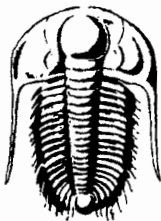
Approved By Roger Martin

Our Representative [Signature]

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19660

05/03

Test Ticket

Well Name & No.	Hall F #1-26	Test No.	60	Date	5/12/04
Company	Mull Drilling Co., Inc.	Zone Tested	LKC-L		
Address	P.O. Box 2758 Wichita, Ks 67201	Elevation	1878	KB	1869 GL
Co. Rep / Geo.	Roger Martin	Cont.	Sterling Rig #1	Est. Ft. of Pay	Por. %
Location: Sec.	26	Twp.	21S	Rge.	13W Co. Stafford State KS
No. of Copies		Disbtribution Sheet (Y, N)		Turnkey (Y, N)	Evaluation (Y, N)

Interval Tested	3483 - 3525	Initial Str Wt./Lbs.	52,000	Unseated Str Wt./Lbs.	53,000
Anchor Length	42'	Wt. Set Lbs.	22,000	Wt. Pulled Loose/Lbs.	95,000
Top Packer Depth	3478	Tool Weight	2200		
Bottom Packer Depth	3483	Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3525	Wt. Pipe Run	-0-	Drill Collar Run	244
Mud Wt.	8.7 LCM -0- Vis. 54 WL 10.2	Drill Pipe Size	4 1/2	Ft. Run	3225
Blow Description	IF- Strong blow O.B.B. in 1min 35sec ISI- Fair blow building to 9 inches; decreasing to 6 inches FF- Strong blow O.B.B. in 40 seconds FSI- Fair blow O.B.B. in 4 minutes; GTS during final shut-in				
Recovery - Total Feet	652	GIP	2817	Ft. in DC	244
Rec.	40	Feet of	GWOCM	10 %gas	26 %oil 14 %water 50 %mud
Rec.	124	Feet of	SMUGRO	59 %gas	25 %oil 10 %water 60 %mud
Rec.	62	Feet of	GWOCM	50 %gas	38 %oil 12 %water %mud
Rec.	62	Feet of	SMUGRO	20 %gas	30 %oil 42 %water 8 %mud
Rec.	364	Feet of	MW	%gas	%oil 96 %water 4 %mud
BHT	109	°F Gravity		°API D @	°F Corrected Gravity
RW	195 @ 50.4	°F	Chlorides 55,000 ppm	Recovery	Chlorides 15,000 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1163	PSI	Recorder No.	6731	Test	bottom hole
(B) First Initial Flow Pressure			95	PSI	(depth)	3484	Elec. Rec.	✓
(C) First Final Flow Pressure			124	PSI	Recorder No.	13630	Jars	
(D) Initial Shut-In Pressure			948	PSI	(depth)	3522	Safety Jt.	
(E) Second Initial Flow Pressure			151	PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure			302	PSI	(depth)		Sampler	
(G) Final Shut-In Pressure			923	PSI	Initial Opening	10	Straddle	
(Q) Final Hydrostatic Mud			11631	PSI	Initial Shut-In	30	Ext. Packer	
					Final Flow	60	Shale Packer	
					Final Shut-In	120	Mileage	36
					T-On Location	16:00	Sub Total:	971.20
					T-Started	16:06	Std. By	21r 20
					T-Open	18:33	Other	
					T-Pulled	22:13	Total:	971.20
					T-Out	1:54		

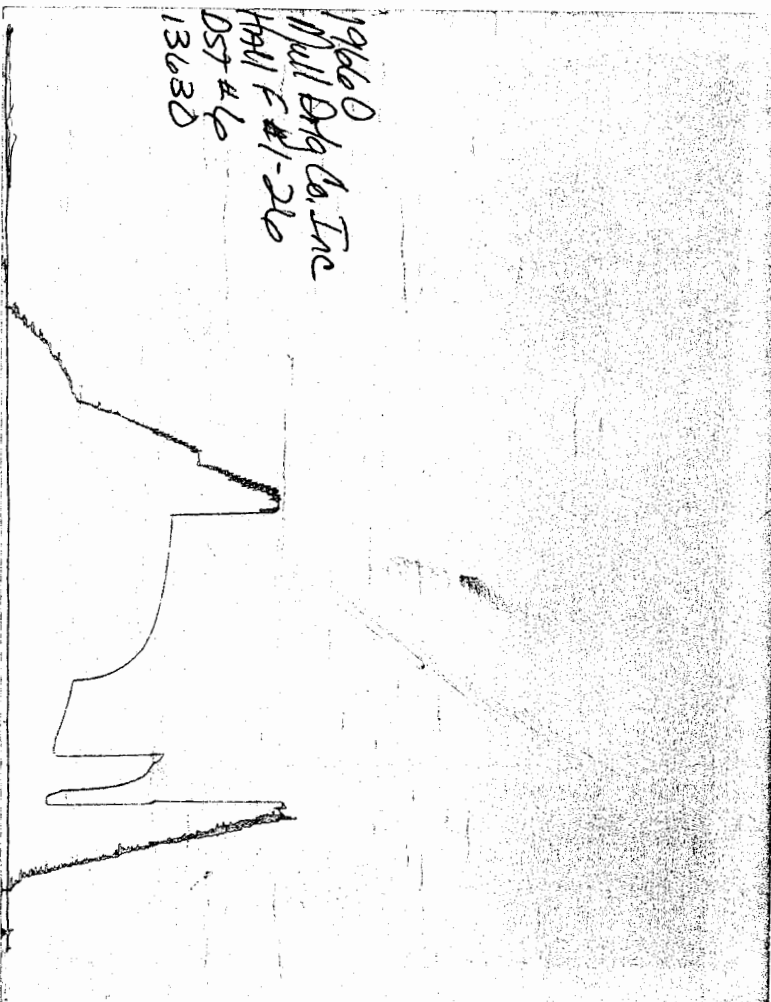
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

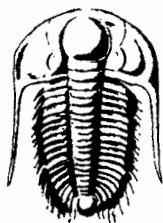
Approved By Roger Martin

Our Representative John Bridg

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 19661

05/03

Test Ticket

Well Name & No. <u>Hall F #1-26</u>	Test No. <u>7</u>	Date <u>5/13/04</u>
Company <u>Mull Drtg Co., Inc</u>	Zone Tested <u>Antelope Cong</u>	
Address <u>P.O. Box 2758 Wichita, KS 67201</u>	Elevation <u>1878</u>	KB <u>1869</u> GL
Co. Rep / Geo. <u>Roger Martin</u>	Cont. <u>Starling Rig #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>26</u> Twp. <u>21S</u> Rge. <u>13W</u> Co. <u>Stafford</u> State <u>Ks</u>		
No. of Copies _____	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3522 - 3645</u>	Initial Str Wt./Lbs. <u>52,000</u>	Unseated Str Wt/Lbs. <u>53,000</u>
Anchor Length <u>123'</u>	Wt. Set Lbs. <u>22,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>3517</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3522</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3645</u>	Wt. Pipe Run <u>-0-</u>	Drill Collar Run <u>244</u>
Mud Wt. <u>9.0</u> LCM <u>-0-</u> Vis. <u>46</u> WL <u>10.8</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3257</u>
Blow Description <u>IF - Strong blow O.B.B. in 1min 25sec</u>		
<u>IST - No blow</u>		
<u>FF - Strong blow O.B.B. in 20 seconds</u>		
<u>FST - Fair blow O.B.B. in 10min 40sec; decreasing to 5 inches</u>		
Recovery - Total Feet <u>326</u>	GIP <u>910</u>	Ft. in DC <u>244</u> Ft. in DP <u>82</u>
Rec. <u>82</u> Feet of <u>OCGM</u>	<u>20</u> %gas <u>23</u> %oil	%water <u>57</u> %mud
Rec. <u>122</u> Feet of <u>SOCCGM</u>	<u>48</u> %gas <u>16</u> %oil	%water <u>36</u> %mud
Rec. <u>122</u> Feet of <u>SOCCGM</u>	<u>50</u> %gas <u>14</u> %oil	%water <u>36</u> %mud
Rec. <u>Tool Fluid</u> Feet of <u>SOCCGM</u>	<u>10</u> %gas <u>26</u> %oil	%water <u>64</u> %mud
Rec. _____ Feet of _____	%gas _____ %oil _____	%water _____ %mud _____
BHT <u>107</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____ *API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>16,000</u> ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		<u>1742</u> PSI	Recorder No.	<u>16751</u>	Test	<u>bottom hole 700</u>
(B) First Initial Flow Pressure		<u>103</u> PSI	(depth)	<u>3660</u>	Elec. Rec.	<u>✓ 150</u>
(C) First Final Flow Pressure		<u>133</u> PSI	Recorder No.	<u>13630</u>	Jars	<u>✓ 200</u>
(D) Initial Shut-In Pressure		<u>604</u> PSI	(depth)	<u>3642</u>	Safety Jt.	<u>✓ 50</u>
(E) Second Initial Flow Pressure		<u>140</u> PSI	Recorder No.		Circ Sub	
(F) Second Final Flow Pressure		<u>170</u> PSI	(depth)		Sampler	
(G) Final Shut-In Pressure		<u>898</u> PSI	Initial Opening	<u>10</u>	Straddle	
(Q) Final Hydrostatic Mud		<u>1712</u> PSI	Initial Shut-In	<u>30</u>	Ext. Packer	
			Final Flow	<u>60</u>	Shale Packer	
			Final Shut-In	<u>120</u>	Mileage	<u>36 61.20</u>
			T-On Location	<u>15:00</u>	Sub Total:	<u>1214.20</u>
			T-Started	<u>15:12</u>	Std. By <u>1 1/2</u>	<u>45</u>
			T-Open	<u>17:55</u>	Other	
			T-Pulled	<u>21:35</u>	Total:	<u>1256.20</u>
			T-Out	<u>0:36</u>		

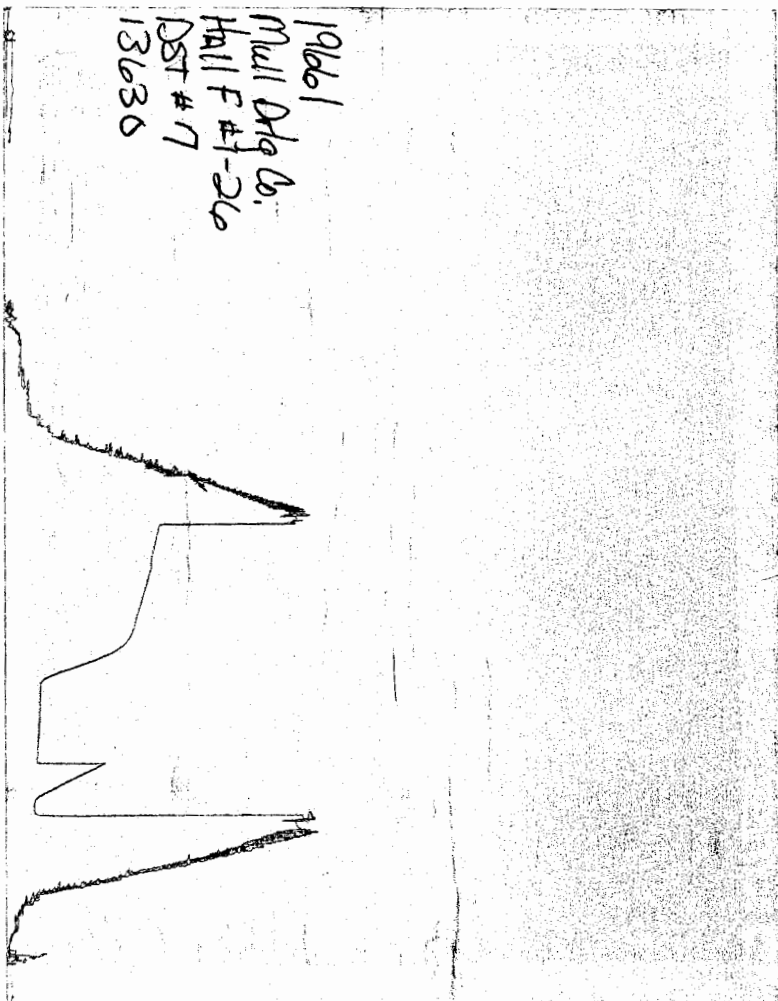
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

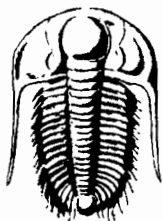
Approved By Roger Martin

Our Representative John Bridg

CHART PAGE

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





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 19662

05/03

Test Ticket

Well Name & No. <u>Hall F #1-26</u>	Test No. <u>8</u>	Date <u>5/14/04</u>
Company <u>Mud Drilling Co., Inc</u>	Zone Tested <u>Arbuckle</u>	
Address <u>P.O. Box 2738 Wichita, KS 67201</u>	Elevation <u>1878</u> KB <u>1869</u> GL	
Co. Rep / Geo. <u>Roger Martin</u>	Cont. <u>Starling Rig #1</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>26</u> Twp. <u>21S</u> Rge. <u>13W</u> Co. <u>Stafford</u> State <u>KS</u>		
No. of Copies _____	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>3644-</u> <u>3655</u>	Initial Str Wt./Lbs. <u>52,000</u>	Unseated Str Wt/Lbs. <u>58,000</u>
Anchor Length <u>11'</u>	Wt. Set Lbs. <u>22,000</u>	Wt. Pulled Loose/Lbs. <u>72,000</u>
Top Packer Depth <u>3639</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3644</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3655</u>	Wt. Pipe Run <u>-0-</u>	Drill Collar Run <u>244</u>
Mud Wt. <u>9.0</u> LCM <u>0</u> Vis. <u>46</u> WL <u>10.8</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3382</u>

Blow Description IF - Strong blow O.B.B. in 50sec
ISI - Fair blow O.B.B. in 3min 30sec
FF - Strong blow O.B.B. in 60sec; GTS in 28 minutes
FST - Fair blow O.B.B. in 2min 20sec

Recovery - Total Feet <u>2414</u>	GIP <u>965</u>	Ft. in DC <u>244</u>	Ft. in DP <u>2170</u>
Rec. <u>2292</u> Feet of <u>Clear gassy Oil</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>122</u> Feet of <u>SWOGCM</u>	<u>20</u> %gas <u>26</u> %oil <u>8</u> %water <u>46</u> %mud		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
Rec. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		
BHT <u>112</u> °F Gravity <u>38</u> °API D @ <u>60</u> °F Corrected Gravity <u>38</u> °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>16,000</u> ppm System			

(A) Initial Hydrostatic Mud <u>1781</u> PSI	Recorder No. <u>6731</u>	Test <u>bottom hole</u>
(B) First Initial Flow Pressure <u>281</u> PSI	(depth) <u>3643</u>	Elec. Rec. <u>✓</u>
(C) First Final Flow Pressure <u>316</u> PSI	Recorder No. <u>13630</u>	Jars <u>✓</u>
(D) Initial Shut-In Pressure <u>733</u> PSI	(depth) <u>3632</u>	Safety Jt. <u>✓</u>
(E) Second Initial Flow Pressure <u>323</u> PSI	Recorder No. _____	Circ Sub <u>✓</u>
(F) Second Final Flow Pressure <u>643</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure <u>734</u> PSI	Initial Opening <u>10</u>	Straddle _____
(Q) Final Hydrostatic Mud <u>1690</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
	Final Flow <u>60</u>	Shale Packer _____
	Final Shut-In <u>120</u>	Mileage <u>36</u>
	T-On Location <u>7:30</u>	Sub Total: <u>1211.20</u>
	T-Started <u>7:25</u>	Std. By <u>2 1/2</u> <u>75</u>
	T-Open <u>9:30</u>	Other <u>1286.20</u>
	T-Pulled <u>13:10</u>	Total: _____
	T-Out <u>18:06</u>	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Roger L. Martin

Our Representative [Signature]



GAS VOLUME REPORT

Hall F#1-26

8
DST NO.

[illegible]

Remarks: GTS in 28min during Final Flow

CHART PAGE

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

