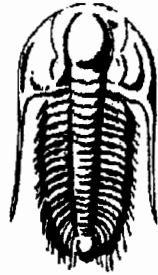


15-101-22018

1-165-27w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

*LATER
L.D. Drilling*

PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

1 16 27 Lane KS

Curtis-Weeks#1-1

Start Date: 2007.05.17 @ 16:40:00

End Date: 2007.05.17 @ 23:44:09

Job Ticket #: 26525 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

TOOL DIAGRAM

Mull Drilling Co Inc
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 26525 **DST#: 1**
 Test Start: 2007.05.17 @ 16:40:00

Tool Information

Drill Pipe:	Length: 3849.00 ft	Diameter: 3.80 inches	Volume: 53.99 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 54.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3985.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	74.00 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			3966.00	
Shut In Tool	5.00			3971.00	
Hydraulic tool	5.00			3976.00	
Packer	5.00			3981.00	20.00 Bottom Of Top Packer
Packer	4.00			3985.00	
Stubb	1.00			3986.00	
Perforations	1.00			3987.00	
Recorder	0.00	8017	Inside	3987.00	
Perforations	15.00			4002.00	
Change Over Sub	1.00			4003.00	
Anchor	30.00			4033.00	
Change Over Sub	1.00			4034.00	
Recorder	0.00	13276	Inside	4034.00	
Bullnose	5.00			4039.00	54.00 Bottom Packers & Anchor

Total Tool Length: 74.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758
ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 26525 **DST#: 1**
Test Start: 2007.05.17 @ 16:40:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 14.31 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	GOCM 1%G 4%O 95%M	0.516

Total Length: 105.00 ft Total Volume: 0.516 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API; 36 @ 60 degrees F = 36.

Serial #: 8017

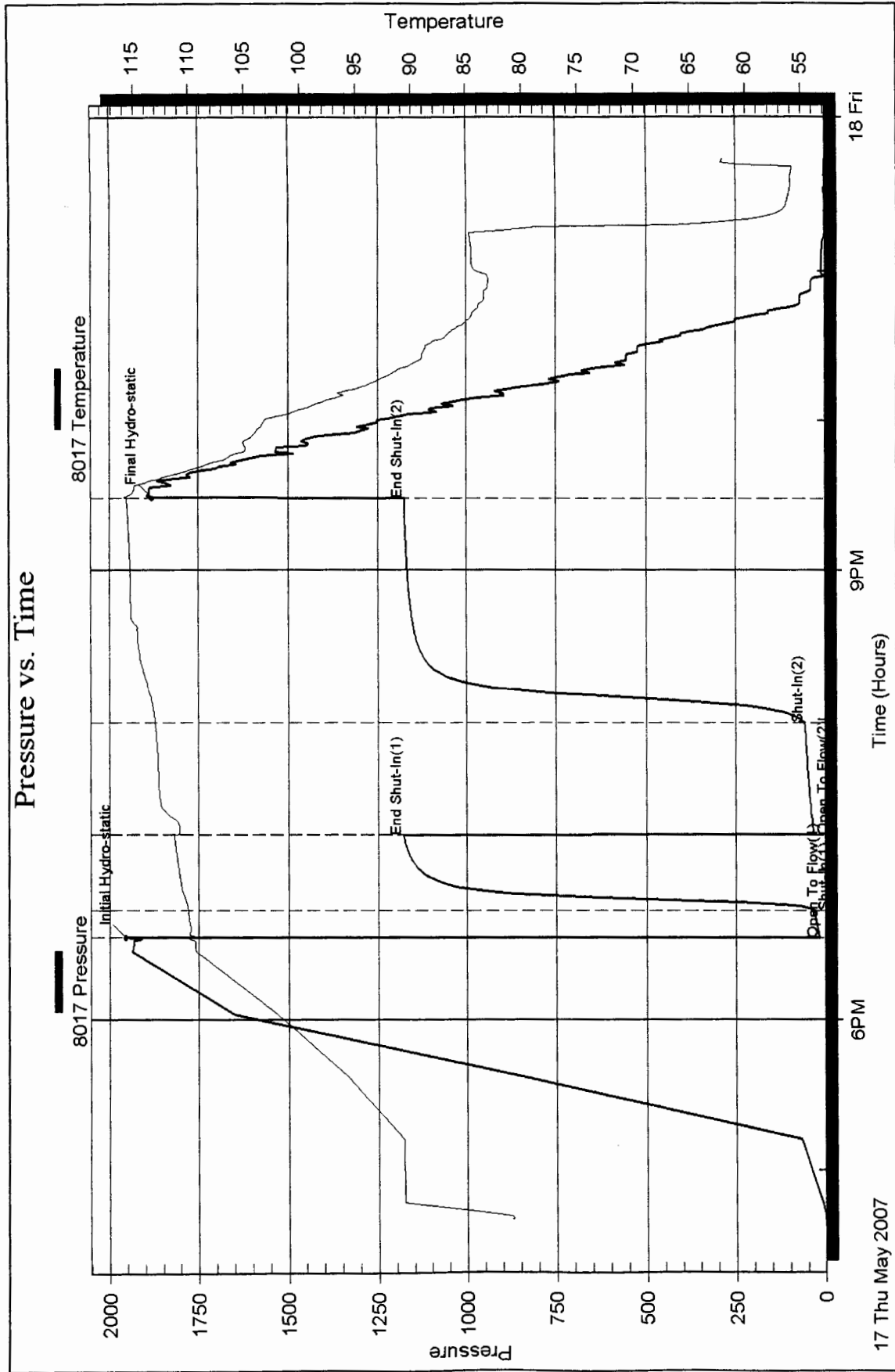
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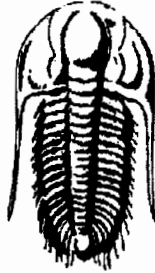
Mull Drilling Co Inc

1 16 27 Lane KS

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

1 16 27 Lane KS

Curtis-Weeks#1-1

Start Date: 2007.05.18 @ 09:27:00

End Date: 2007.05.18 @ 15:43:39

Job Ticket #: 27726 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Mull Drilling Co Inc

Curtis-Weeks#1-1

1 16 27 Lane KS

DST # 2

"K"

2007.05.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co Inc
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 27726 **DST#: 2**
 Test Start: 2007.05.18 @ 09:27:00

Tool Information

Drill Pipe:	Length: 3942.00 ft	Diameter: 3.80 inches	Volume: 55.30 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	95000.00 lb
			<u>Total Volume: 55.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4070.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	30.00 ft				
Tool Length:	50.00 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			4051.00	
Shut In Tool	5.00			4056.00	
Hydraulic tool	5.00			4061.00	
Packer	5.00			4066.00	20.00 Bottom Of Top Packer
Packer	4.00			4070.00	
Stubb	1.00			4071.00	
Recorder	0.00	8017	inside	4071.00	
Perforations	24.00			4095.00	
Recorder	0.00	13276	inside	4095.00	
Bullnose	5.00			4100.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758
ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 27726 **DST#: 2**
Test Start: 2007.05.18 @ 09:27:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 47.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.34 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: Scum of Oil in 15 feet.

Serial #: 8017

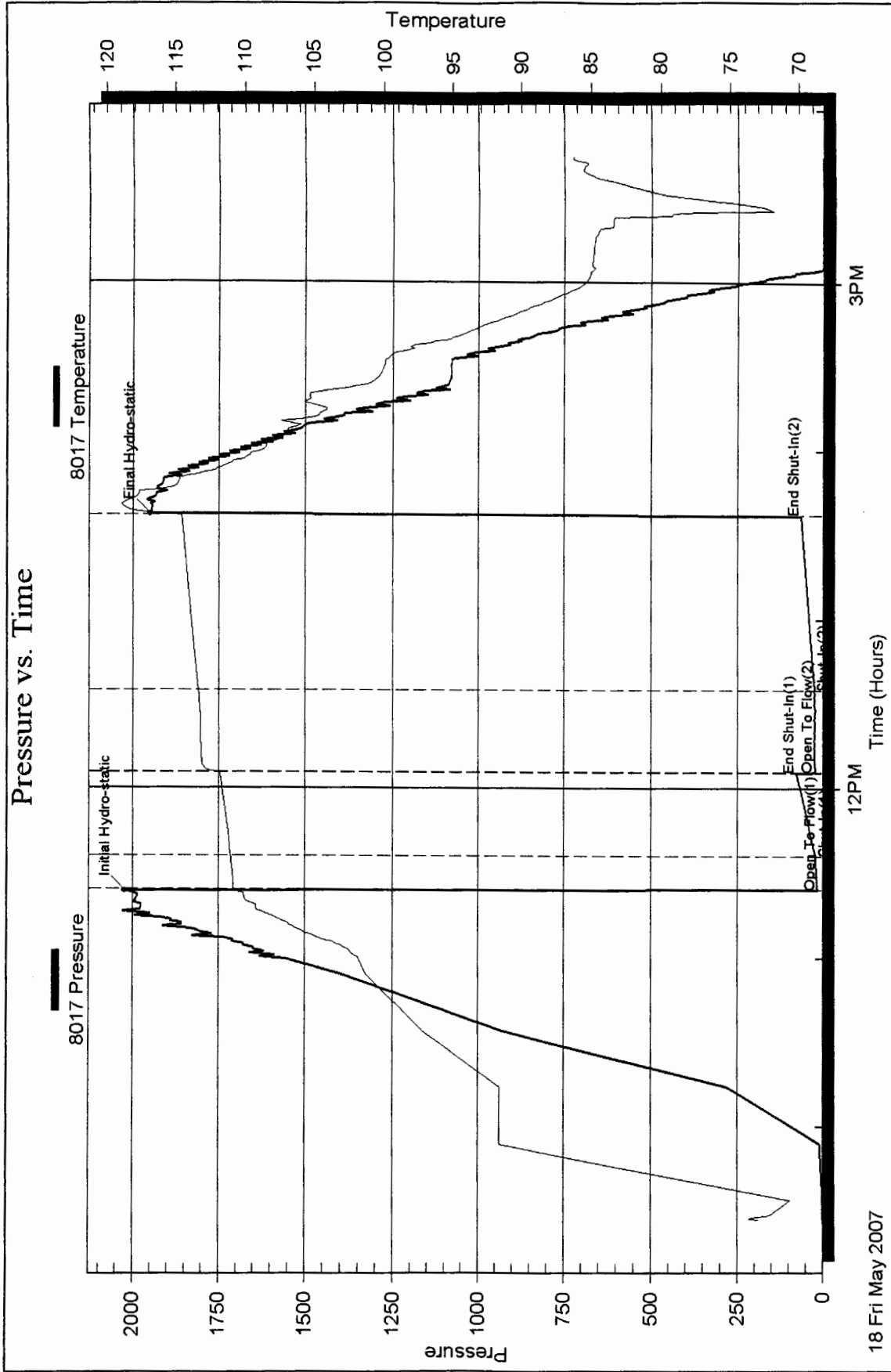
Inside

Mull Drilling Co Inc

1 16 27 Lane KS

DST Test Number: 2

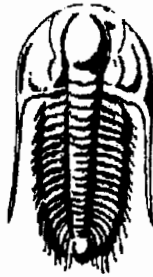
Pressure vs. Time



18 Fri May 2007

12PM

3PM



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

1 16 27 Lane KS

Curtis-Weeks#1-1

Start Date: 2007.05.19 @ 21:02:46

End Date: 2007.05.20 @ 05:00:25

Job Ticket #: 26649 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Mull Drilling Co Inc

Curtis-Weeks#1-1

1 16 27 Lane KS

DST # 3

Miss

2007.05.19



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mull Drilling Co Inc
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

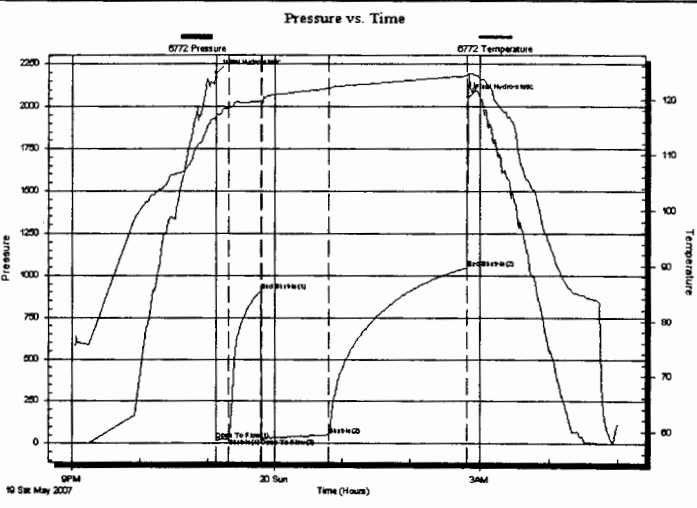
Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 26649 **DST#: 3**
 Test Start: 2007.05.19 @ 21:02:46

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:07:41
 Time Test Ended: 05:00:25
 Interval: **4388.00 ft (KB) To 4430.00 ft (KB) (TVD)**
 Total Depth: 4430.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2547.00 ft (KB)
 2542.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772 Inside
 Press@RunDepth: 50.68 psig @ 4390.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.05.19 End Date: 2007.05.20 Last Calib.: 2007.05.20
 Start Time: 21:02:46 End Time: 05:00:25 Time On Btm: 2007.05.19 @ 23:07:26
 Time Off Btm: 2007.05.20 @ 02:49:10

TEST COMMENT: IF 1/4 blow built to 2 in 10 min.
 IS No return
 FF Surface blow built to 3 1/2 in 60 min.
 FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.99	117.35	Initial Hydro-static
1	16.65	116.96	Open To Flow (1)
11	27.64	118.43	Shut-In(1)
40	91.15	119.70	End Shut-In(1)
41	28.78	119.44	Open To Flow (2)
101	50.68	122.00	Shut-In(2)
221	1047.01	124.19	End Shut-In(2)
222	2054.98	124.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	OCM 10%O 90%M	0.15
61.00	Oil 100%O	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
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 26649 **DST#: 3**
 Test Start: 2007.05.19 @ 21:02:46

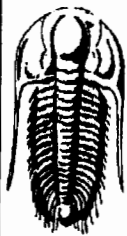
Tool Information

Drill Pipe:	Length: 4256.00 ft	Diameter: 3.80 inches	Volume: 59.70 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4388.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 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			4369.00	
Shut In Tool	5.00			4374.00	
Hydraulic tool	5.00			4379.00	
Packer	5.00			4384.00	20.00 Bottom Of Top Packer
Packer	4.00			4388.00	
Stubb	1.00			4389.00	
Perforations	1.00			4390.00	
Recorder	0.00	6772	Inside	4390.00	
Perforations	3.00			4393.00	
Change Over Sub	1.00			4394.00	
Drill Pipe	31.00			4425.00	
Change Over Sub	1.00			4426.00	
Recorder	0.00	7437	Outside	4426.00	
Bullnose	5.00			4431.00	43.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758
ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 26649 DST#: 3
Test Start: 2007.05.19 @ 21:02:46

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.54 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4900.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	OCM 10%O 90%M	0.152
61.00	Oil 100%O	0.300

Total Length: 92.00 ft Total Volume: 0.452 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6772

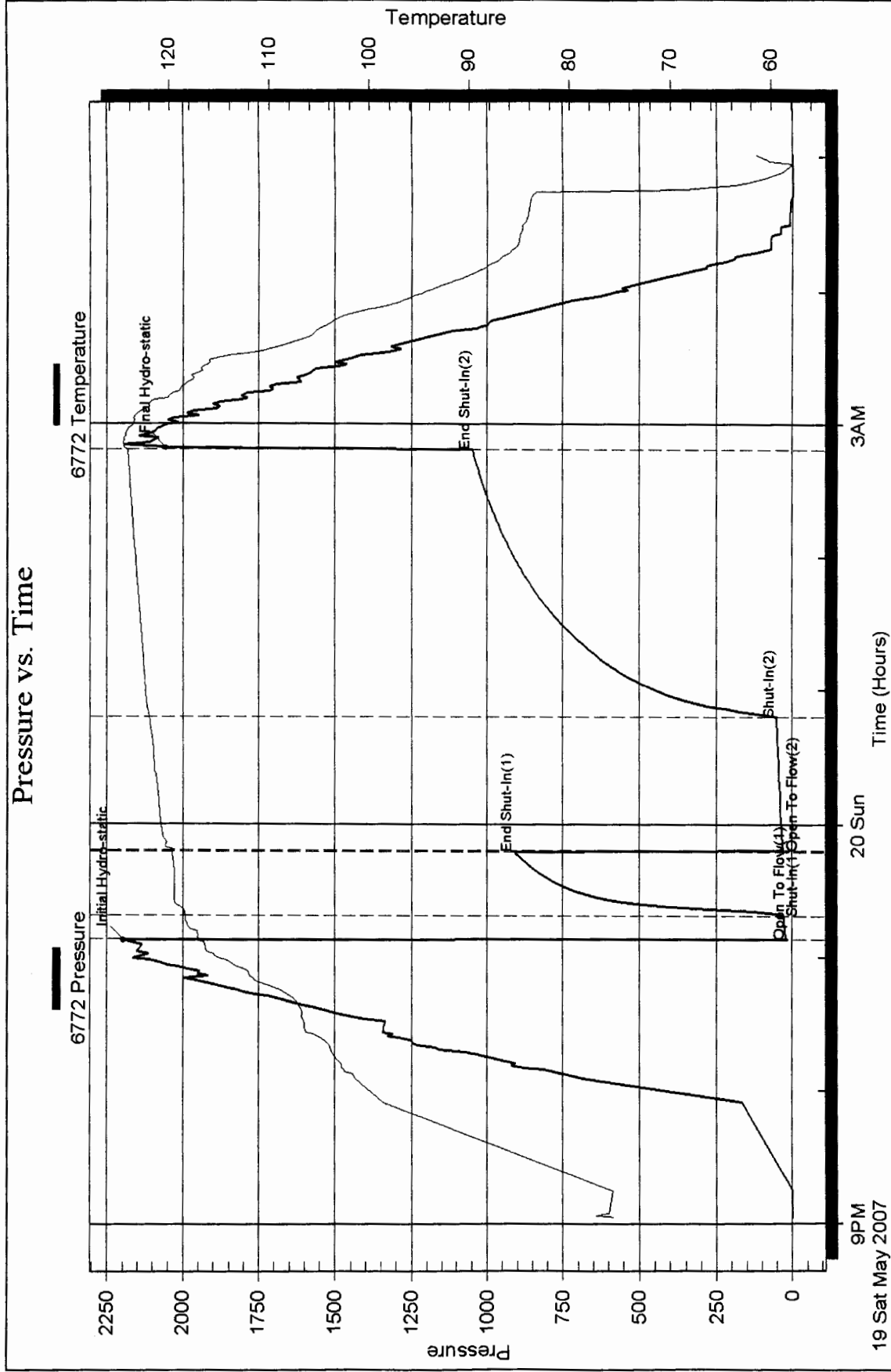
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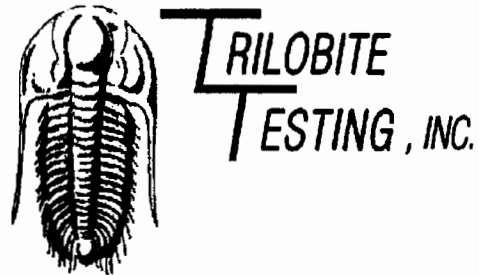
Mull Drilling Co Inc

1 16 27 Lane KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

1 16 27 Lane KS

Curtis-Weeks#1-1

Start Date: 2007.05.20 @ 11:01:59

End Date: 2007.05.20 @ 18:44:23

Job Ticket #: 26650 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
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

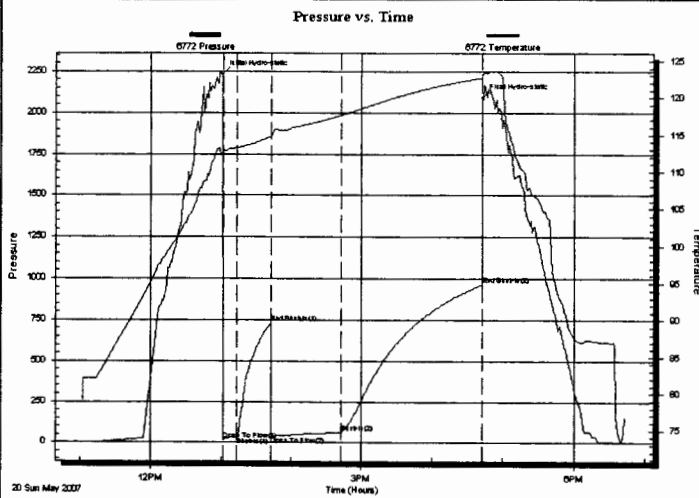
Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 26650 **DST#: 4**
 Test Start: 2007.05.20 @ 11:01:59

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 13:01:54
 Time Test Ended: 18:44:23
 Interval: **4428.00 ft (KB) To 4436.00 ft (KB) (TVD)**
 Total Depth: 4436.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 35
 Reference Elevations: 2547.00 ft (KB)
 2542.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772 Inside
 Press@RunDepth: 61.15 psig @ 4429.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.05.20 End Date: 2007.05.20 Last Calib.: 2007.05.20
 Start Time: 11:01:59 End Time: 18:44:23 Time On Btm: 2007.05.20 @ 13:01:09
 Time Off Btm: 2007.05.20 @ 16:42:53

TEST COMMENT: IF 1/4 blow built to 2 1/4 in 10 min.
 IS No return
 FF Surface blow built to 2 3/4 in 60 min.
 FS No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.91	112.44	Initial Hydro-static
1	16.60	112.68	Open To Flow (1)
12	32.29	113.27	Shut-In(1)
42	732.71	114.80	End Shut-In(1)
42	37.48	114.73	Open To Flow(2)
102	61.15	117.65	Shut-In(2)
222	962.43	122.75	End Shut-In(2)
222	2090.18	123.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	OCWM 30%O 10%W 60%M	0.15
93.00	Oil 100%O	0.46

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758
ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 26650 **DST#: 4**
Test Start: 2007.05.20 @ 11:01:59

Tool Information

Drill Pipe:	Length: 4289.00 ft	Diameter: 3.80 inches	Volume: 60.16 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 60.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4428.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	28.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4409.00	
Shut In Tool	5.00			4414.00	
Hydraulic tool	5.00			4419.00	
Packer	5.00			4424.00	20.00 Bottom Of Top Packer
Packer	4.00			4428.00	
Stubb	1.00			4429.00	
Recorder	0.00	6772	Inside	4429.00	
Perforations	2.00			4431.00	
Bullnose	5.00			4436.00	8.00 Bottom Packers & Anchor
Total Tool Length:	28.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 26650 **DST#: 4**
Test Start: 2007.05.20 @ 11:01:59

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.56 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	OCWM 30%O 10%W 60%M	0.152
93.00	Oil 100%O	0.457

Total Length: 124.00 ft Total Volume: 0.609 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6772

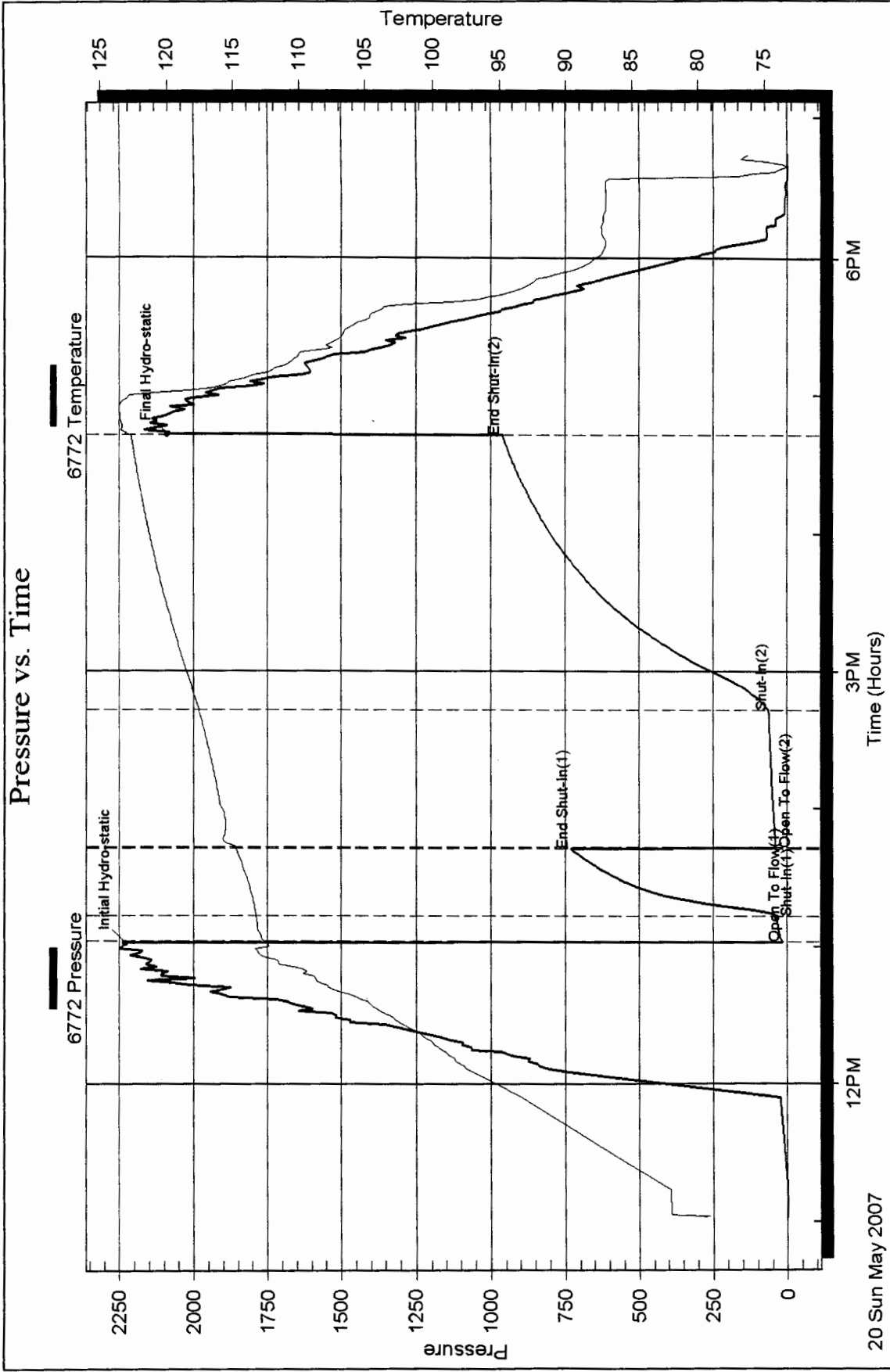
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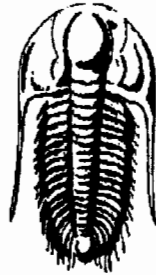
Mull Drilling Co Inc

1 16 27 Lane KS

DST Test Number: 4

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

1 16 27 Lane KS

Curtis-Weeks#1-1

Start Date: 2007.05.21 @ 01:40:57

End Date: 2007.05.21 @ 10:20:51

Job Ticket #: 24671 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Mull Drilling Co Inc

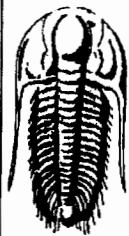
Curtis-Weeks#1-1

1 16 27 Lane KS

DST # 5

Miss

2007.05.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mull Drilling Co Inc
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

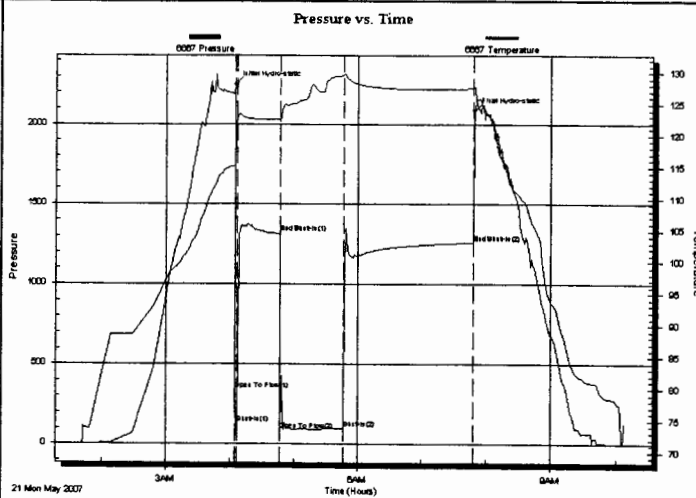
Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 24671 **DST#: 5**
 Test Start: 2007.05.21 @ 01:40:57

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 04:04:07
 Time Test Ended: 10:20:51
 Interval: **4436.00 ft (KB) To 4444.00 ft (KB) (TVD)**
 Total Depth: **4444.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Shane McBride**
 Unit No: **40**
 Reference Elevations: **2547.00 ft (KB)**
 2542.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 6667 **Inside**
 Press@RunDepth: **98.02 psig @ 4437.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.05.21** End Date: **2007.05.21** Last Calib.: **2007.05.21**
 Start Time: **01:40:57** End Time: **10:08:51** Time On Btm: **2007.05.21 @ 04:03:52**
 10:08:51 Time Off Btm: **2007.05.21 @ 07:48:51**

TEST COMMENT: 1 3/4 " in blow slide tool 8' to bottom
 No return
 4 3/4 " in blow
 No return



PRESSURE SUMMARY

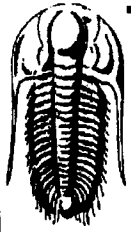
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.21	115.26	Initial Hydro-static
1	336.41	114.29	Open To Flow (1)
3	126.26	122.64	Shut-In(1)
42	1318.68	122.63	End Shut-In(1)
43	88.99	122.24	Open To Flow (2)
103	98.02	129.65	Shut-In(2)
225	1258.67	127.54	End Shut-In(2)
225	2081.78	127.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	W& MCO 25%W 35%M 40%O	0.61
62.00	W & OCM 15%W 30%O 55%M	0.87
5.00	Free Oil 100%O	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co Inc
PO Box 2758
Wichita KS 67201-2758

ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
Job Ticket: 24671 **DST#: 5**
Test Start: 2007.05.21 @ 01:40:57

Tool Information

Drill Pipe:	Length: 4320.00 ft	Diameter: 3.80 inches	Volume: 60.60 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 78000.00 lb
		Total Volume:	61.21 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4436.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	28.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4417.00	
Shut In Tool	5.00			4422.00	
Hydraulic tool	5.00			4427.00	
Packer	5.00			4432.00	20.00 Bottom Of Top Packer
Packer	4.00			4436.00	
Stubb	1.00			4437.00	
Recorder	0.00	6667	Inside	4437.00	
Perforations	2.00			4439.00	
Recorder	0.00	11058	Inside	4439.00	
Bullnose	5.00			4444.00	8.00 Bottom Packers & Anchor
Total Tool Length:	28.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc
 PO Box 2758
 Wichita KS 67201-2758
 ATTN: Phil Askey

Curtis-Weeks#1-1
1 16 27 Lane KS
 Job Ticket: 24671 **DST#: 5**
 Test Start: 2007.05.21 @ 01:40:57

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.56 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	W& MCO 25%W 35%M 40%O	0.610
62.00	W & OCM 15%W 30%O 55%M	0.870
5.00	Free Oil 100%O	0.070

Total Length: 191.00 ft Total Volume: 1.550 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6667

Inside

Mull Drilling Co Inc

1 16 27 Lane KS

DST Test Number: 5

Pressure vs. Time

