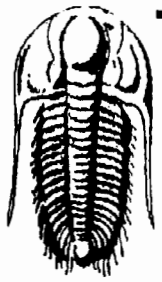
09-11s-17w
NE SW SW SW



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **M G Oil Inc**

P O Box 162
Russell KS 67665

ATTN: Marion Counts

9 11 17 Ellis KS

Cora Carmichael # 2

Start Date: 2007.08.07 @ 08:34:30

End Date: 2007.08.07 @ 12:40:15

Job Ticket #: 28789 DST #: 1

15-051-25670

625FSL 550FWL

M G Oil Inc | Cora Carmichael # 2 | 9 11 17 Ellis KS | DST # 1 | Toronto/A | 2007.08.07

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28789 **DST#: 1**

Test Start: 2007.08.07 @ 08:34:30

GENERAL INFORMATION:

Formation: **Toronto/A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:28:50
Time Test Ended: 12:40:15

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: 3091.00 ft (KB) To 3155.00 ft (KB) (TVD)
Total Depth: 3155.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

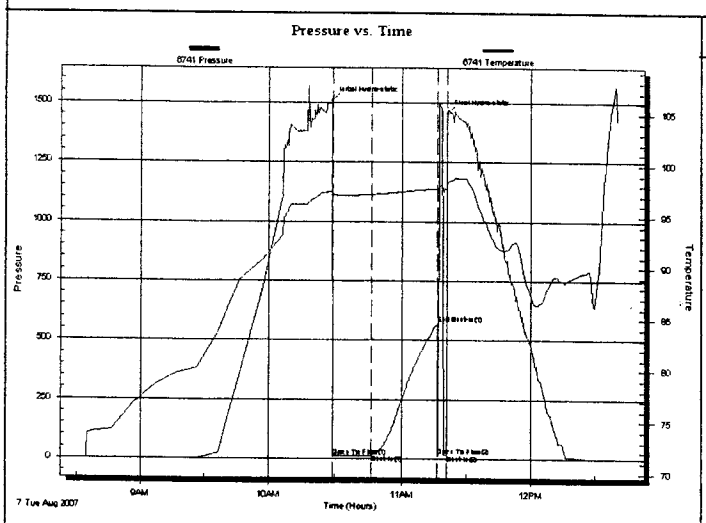
Reference Elevations: 1907.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 14.64 psig @ 3094.00 ft (KB)
Start Date: 2007.08.07 End Date: 2007.08.07
Start Time: 08:34:32 End Time: 12:40:15

Capacity: 7000.00 psig
Last Calib.: 2007.08.07
Time On Btm: 2007.08.07 @ 10:28:40
Time Off Btm: 2007.08.07 @ 11:21:00

TEST COMMENT: IF Weak died in 10 min
FF No blow flushed tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1508.30	97.48	Initial Hydro-static
1	9.84	96.89	Open To Flow (1)
18	14.64	97.19	Shut-In(1)
48	571.01	97.78	End Shut-In(1)
49	13.78	97.59	Open To Flow (2)
53	14.61	97.76	Shut-In(2)
53	1454.70	98.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28789 **DST#: 1**

Test Start: 2007.08.07 @ 08:34:30

Tool Information

Drill Pipe:	Length:	3094.00 ft	Diameter:	3.80 inches	Volume:	43.40 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:	20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	30000.00 lb
					Total Volume:	43.40 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		23.00 ft					String Weight: Initial	28000.00 lb
Depth to Top Packer:		3091.00 ft					Final	28000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		64.00 ft						
Tool Length:		84.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3076.00		
Hydraulic tool	5.00			3081.00		
Packer	5.00			3086.00	20.00	Bottom Of Top Packer
Packer	5.00			3091.00		
Stubb	1.00			3092.00		
Perforations	2.00			3094.00		
Recorder	0.00	6741	Inside	3094.00		
Drill Pipe	31.00			3125.00		
Recorder	0.00	13254	Outside	3125.00		
Perforations	27.00			3152.00		
Bullnose	3.00			3155.00	64.00	Bottom Packers & Anchor
Total Tool Length:	**84.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28789 **DST#: 1**

Test Start: 2007.08.07 @ 08:34:30

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:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

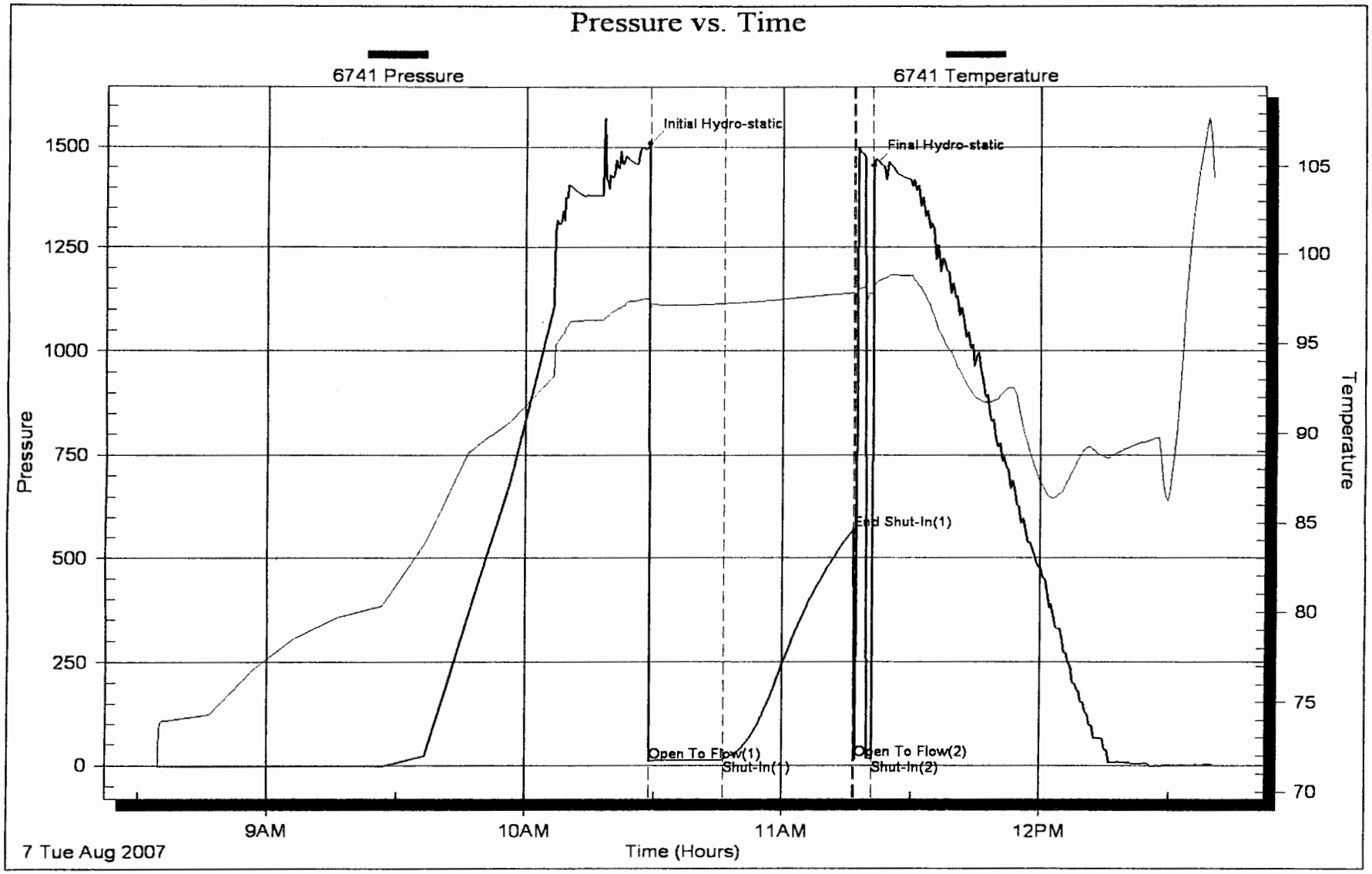
Length ft	Description	Volume bbl
5.00	DM	0.070

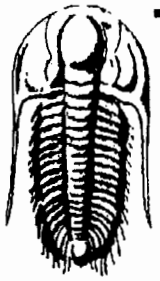
Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70
9AM
10AM
11AM
12PM
7 Tue Aug 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **M G Oil Inc**

P O Box 162
Russell KS 67665

ATTN: Marion Counts

9 11 17 Ellis KS

Cora Carmichael # 2

Start Date: 2007.08.08 @ 13:07:45
End Date: 2007.08.08 @ 17:25:30
Job Ticket #: 28790 DST #: 2

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28790 **DST#: 2**

Test Start: 2007.08.08 @ 13:07:45

GENERAL INFORMATION:

Formation: **Cong Sd**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:37:05
Time Test Ended: 17:25:30

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: 3384.00 ft (KB) To 3417.00 ft (KB) (TVD)
Total Depth: 3417.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

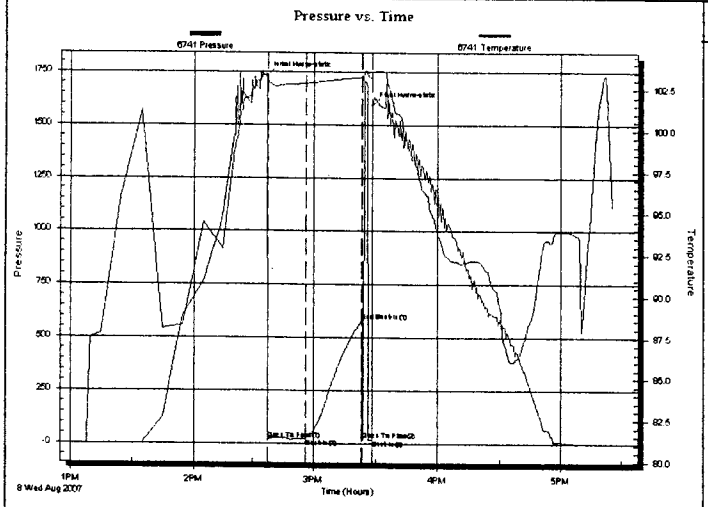
Reference Elevations: 1907.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**

Press@RunDepth: 21.30 psig @ 3387.00 ft (KB)
Start Date: 2007.08.08 End Date: 2007.08.08
Start Time: 13:07:47 End Time: 17:25:30

Capacity: 7000.00 psig
Last Calib.: 2007.08.08
Time On Btm: 2007.08.08 @ 14:36:55
Time Off Btm: 2007.08.08 @ 15:28:15

TEST COMMENT: IF Weak - died in 3 min
FF No blow - flushed tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1730.95	103.41	Initial Hydro-static
1	19.97	102.78	Open To Flow (1)
20	21.30	102.87	Shut-In(1)
47	580.28	103.23	End Shut-In(1)
47	18.16	103.10	Open To Flow (2)
52	19.34	103.20	Shut-In(2)
52	1591.50	103.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DM w/Oil spots	0.07

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28790 **DST#: 2**

Test Start: 2007.08.08 @ 13:07:45

Tool Information

Drill Pipe:	Length:	3371.00 ft	Diameter:	3.80 inches	Volume:	47.29 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	47.29 bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	3384.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	33.00 ft
Tool Length:	53.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	30000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	29000.00 lb
Final	29000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3369.00		
Hydraulic tool	5.00			3374.00		
Packer	5.00			3379.00	20.00	Bottom Of Top Packer
Packer	5.00			3384.00		
Stubb	1.00			3385.00		
Perforations	2.00			3387.00		
Recorder	0.00	6741	Inside	3387.00		
Perforations	27.00			3414.00		
Recorder	0.00	13254	Outside	3414.00		
Bullnose	3.00			3417.00	33.00	Bottom Packers & Anchor
Total Tool Length:	**53.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MG Oil Inc

PO Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28790 **DST#: 2**

Test Start: 2007.08.08 @ 13:07:45

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:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.78 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

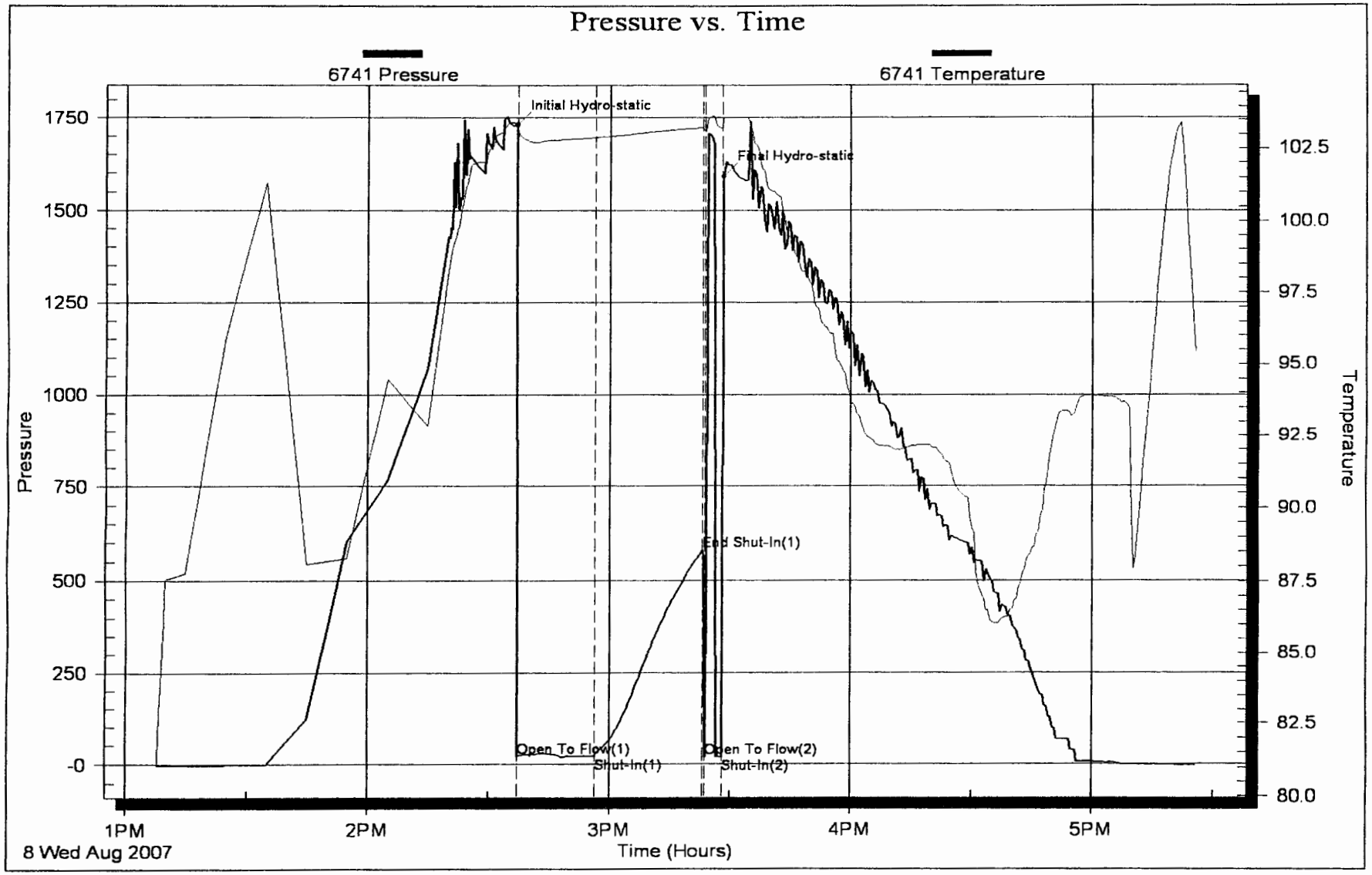
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	DM w/Oil spots	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure
Temperature
1750
1500
1250
1000
750
500
250
-0
102.5
100.0
97.5
95.0
92.5
90.0
87.5
85.0
82.5
80.0
1PM
2PM
3PM
4PM
5PM
8 Wed Aug 2007
Time (Hours)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **M G Oil Inc**

P O Box 162
Russell KS 67665

ATTN: Marion Counts

9 11 17 Ellis KS

Cora Carmichael # 2

Start Date: 2007.08.09 @ 03:36:24

End Date: 2007.08.09 @ 10:33:24

Job Ticket #: 28791 DST #: 3

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28791 **DST#: 3**

Test Start: 2007.08.09 @ 03:36:24

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:44:34
Time Test Ended: 10:33:24

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

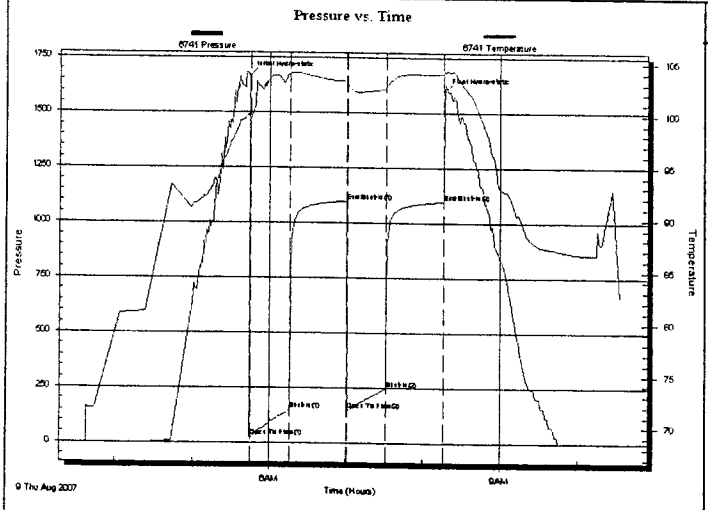
Interval: 3384.00 ft (KB) To 3480.00 ft (KB) (TVD)
Total Depth: 3480.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1907.00 ft (KB)
1902.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6741 **Inside**
Press@RunDepth: 246.09 psig @ 3387.00 ft (KB)
Start Date: 2007.08.09 End Date: 2007.08.09
Start Time: 03:36:26 End Time: 10:33:24

Capacity: 7000.00 psig
Last Calib.: 2007.08.09
Time On Btm: 2007.08.09 @ 05:44:14
Time Off Btm: 2007.08.09 @ 08:16:54

TEST COMMENT: IF Strong B-B in 10 min
FF Strong B-B in 15 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1669.25	100.11	Initial Hydro-static
1	24.87	99.72	Open To Flow (1)
32	148.67	103.92	Shut-In(1)
77	1099.64	103.27	End Shut-In(1)
78	148.17	102.95	Open To Flow (2)
108	246.09	102.52	Shut-In(2)
153	1098.40	103.97	End Shut-In(2)
153	1598.64	104.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	HMCGO 10%G 60%O 30%M	1.74
186.00	HMCGO 10%G 70%O 20%M	2.61
248.00	CGO 10%G 90%O	3.48

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28791 **DST#: 3**

Test Start: 2007.08.09 @ 03:36:24

Tool Information

Drill Pipe:	Length:	3371.00 ft	Diameter:	3.80 inches	Volume:	47.29 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:		20000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:		36000.00 lb
					Total Volume:	47.29 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		7.00 ft					String Weight:	Initial	29000.00 lb
Depth to Top Packer:		3384.00 ft						Final	33000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		96.00 ft							
Tool Length:		116.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3369.00		
Hydraulic tool	5.00			3374.00		
Packer	5.00			3379.00	20.00	Bottom Of Top Packer
Packer	5.00			3384.00		
Stubb	1.00			3385.00		
Perforations	2.00			3387.00		
Recorder	0.00	6741	Inside	3387.00		
Drill Pipe	63.00			3450.00		
Recorder	0.00	13254	Outside	3450.00		
Perforations	27.00			3477.00		
Bullnose	3.00			3480.00	96.00	Bottom Packers & Anchor
Total Tool Length:	**116.00**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

M G Oil Inc

P O Box 162
Russell KS 67665

ATTN: Marion Counts

Cora Carmichael # 2

9 11 17 Ellis KS

Job Ticket: 28791 **DST#: 3**

Test Start: 2007.08.09 @ 03:36:24

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	30 deg API
Mud Weight:	8.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	12.77 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	8000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

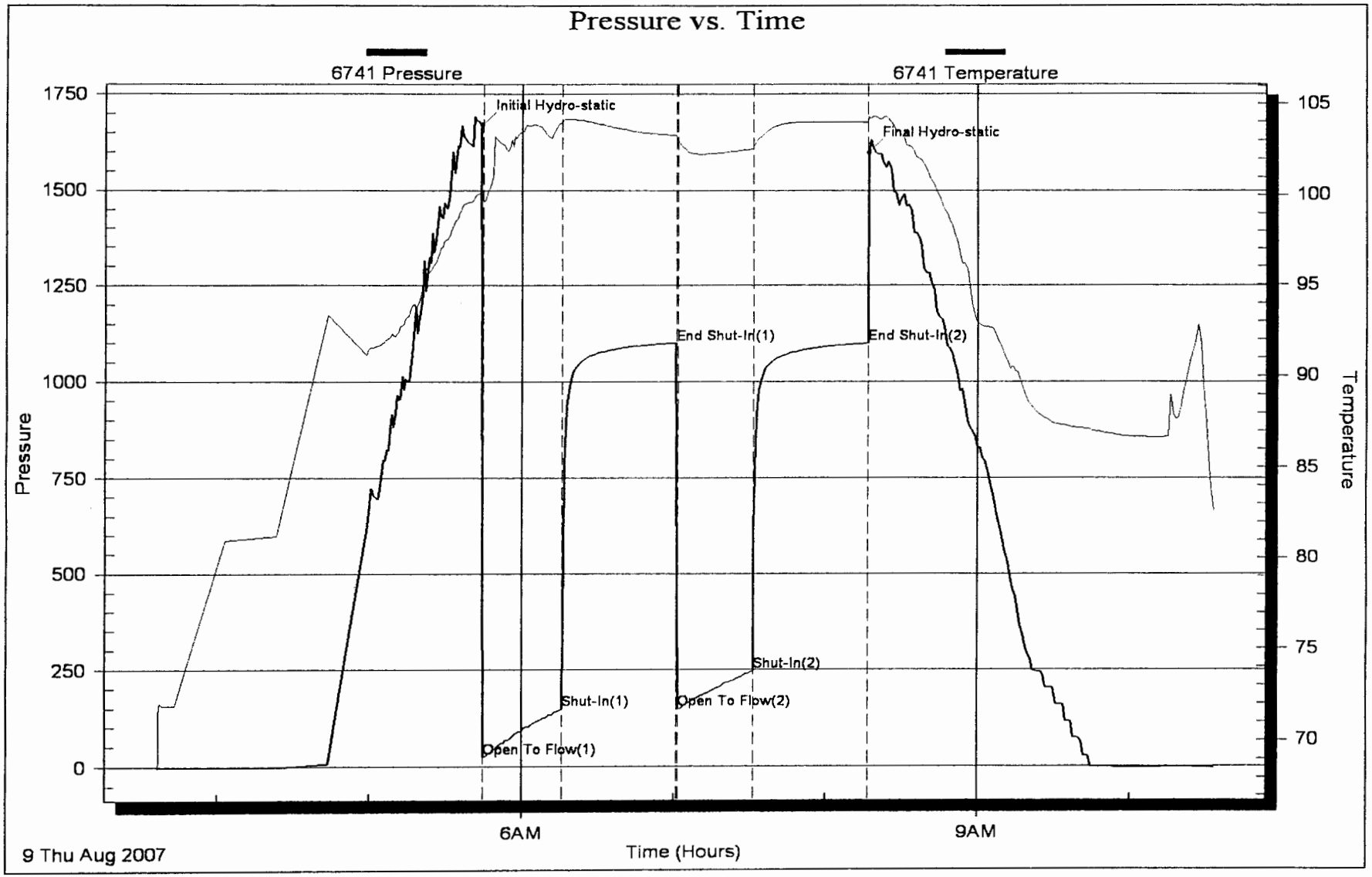
Length ft	Description	Volume bbl
124.00	HMCGO 10%G 60%O 30%M	1.739
186.00	HMCGO 10%G 70%O 20%M	2.609
248.00	CGO 10%G 90%O	3.479

Total Length: 558.00 ft Total Volume: 7.827 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
6741 Pressure
6741 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
Time (Hours)
6AM
9AM
9 Thu Aug 2007
1750
1500
1250
1000
750
500
250
0
105
100
95
90
85
80
75
70