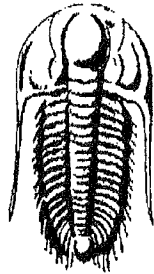


15-023-21212

30-2s-41w

WFO



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Ste. 300
Wichita, KS 67200

ATTN: Paul Gunzelman

30 2 41 Cheyenne KS

Myers Unit 2-30

Start Date: 2009.04.18 @ 15:50:00

End Date: 2009.04.18 @ 23:04:30

Job Ticket #: 34465

DST #: 1

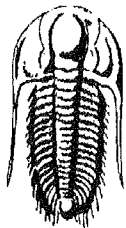
KCC
AUG 13 2009
CONFIDENTIAL

KANSAS CORPORATION COMMISSION
AUG 14 2009
RECEIVED

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co.

250 N. Water
Ste. 300
Wichita, KS 67200
ATTN: Paul Gunzelman

Myers Unit 2-30

30 2 41 Cheyenne KS

Job Ticket: 34465

DST#: 1

Test Start: 2009.04.18 @ 15:50:00

GENERAL INFORMATION:

Formation: **Lkc-A**

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

Time Tool Opened: 17:57:30

Time Test Ended: 23:04:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreutzer**

Unit No: **30**

Interval: **4535.00 ft (KB) To 4600.00 ft (KB) (TVD)**

Total Depth: **4600.00 ft (KB) (TVD)**

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

Reference Elevations: **3711.00 ft (KB)**

3707.00 ft (CF)

KB to GR/CF: **4.00 ft**

Serial #: 8166 **Inside**

Press@RunDepth: **16.96 psig @ 4539.00 ft (KB)**

Start Date: **2009.04.18**

End Date: **2009.04.18**

Capacity: **7000.00 psig**

Last Calib.: **2009.04.18**

Start Time: **15:50:05**

End Time: **23:04:29**

Time On Btm: **2009.04.18 @ 17:50:30**

Time Off Btm: **2009.04.18 @ 20:49:00**

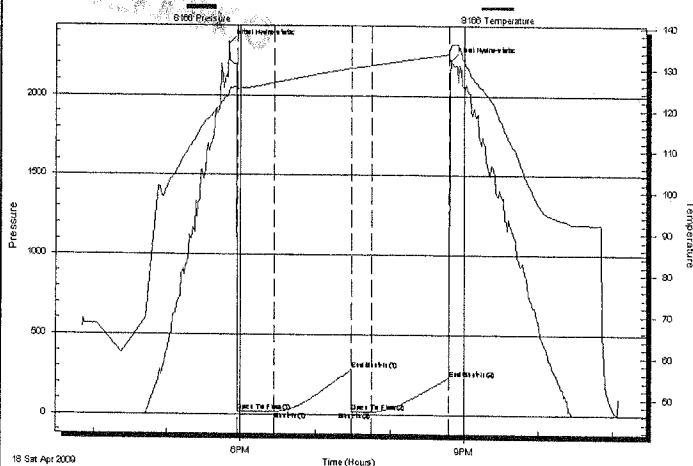
TEST COMMENT: IF: Weak blow surface, built to 1/2 in. over 30 mins.

IS: No blow back.

FF: No blow.

FSI: No blow back.

Pressure vs. Time



PRESSURE SUMMARY

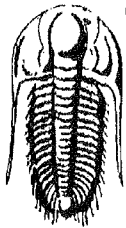
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2323.80	123.96	Initial Hydro-static
7	15.03	124.74	Open To Flow (1)
37	16.58	126.53	Shut-In(1)
98	281.65	130.17	End Shut-In(1)
99	16.61	130.11	Open To Flow (2)
114	16.96	130.79	Shut-In(2)
177	231.74	133.59	End Shut-In(2)
179	2221.39	135.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water
Ste. 300
Wichita, KS 67200
ATTN: Paul Gunzelman

30 2 41 Cheyenne KS

Job Ticket: 34465

DST#: 1

Test Start: 2009.04.18 @ 15:50:00

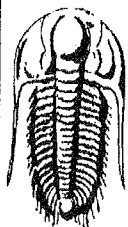
Tool Information

Drill Pipe:	Length: 3986.00 ft	Diameter: 3.80 inches	Volume: 55.91 bbl	Tool Weight: 2800.00 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: 546.00 ft	Diameter: 2.25 inches	Volume: 2.69 bbl	Weight to Pull Loose: 100000.0 lb
			Total Volume: 58.60 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4535.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4512.00	
Hydraulic tool	5.00			4517.00	
Jars	5.00			4522.00	
Safety Joint	3.00			4525.00	
Packer	5.00			4530.00	28.00 Bottom Of Top Packer
Packer	5.00			4535.00	
Stubb	1.00			4536.00	
Perforations	1.00			4537.00	
Change Over Sub	1.00			4538.00	
Change Over Sub	1.00			4539.00	
Recorder	0.00	8166	Inside	4539.00	
Recorder	0.00	8356	Inside	4539.00	
Blank Spacing	32.00			4571.00	
Perforations	26.00			4597.00	
Bullnose	3.00			4600.00	65.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water

30 2 41 Cheyenne KS

Ste. 300

Job Ticket: 34465

DST#: 1

Wichita, KS 67200

Test Start: 2009.04.18 @ 15:50:00

ATTN: Paul Gunzelman

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8166

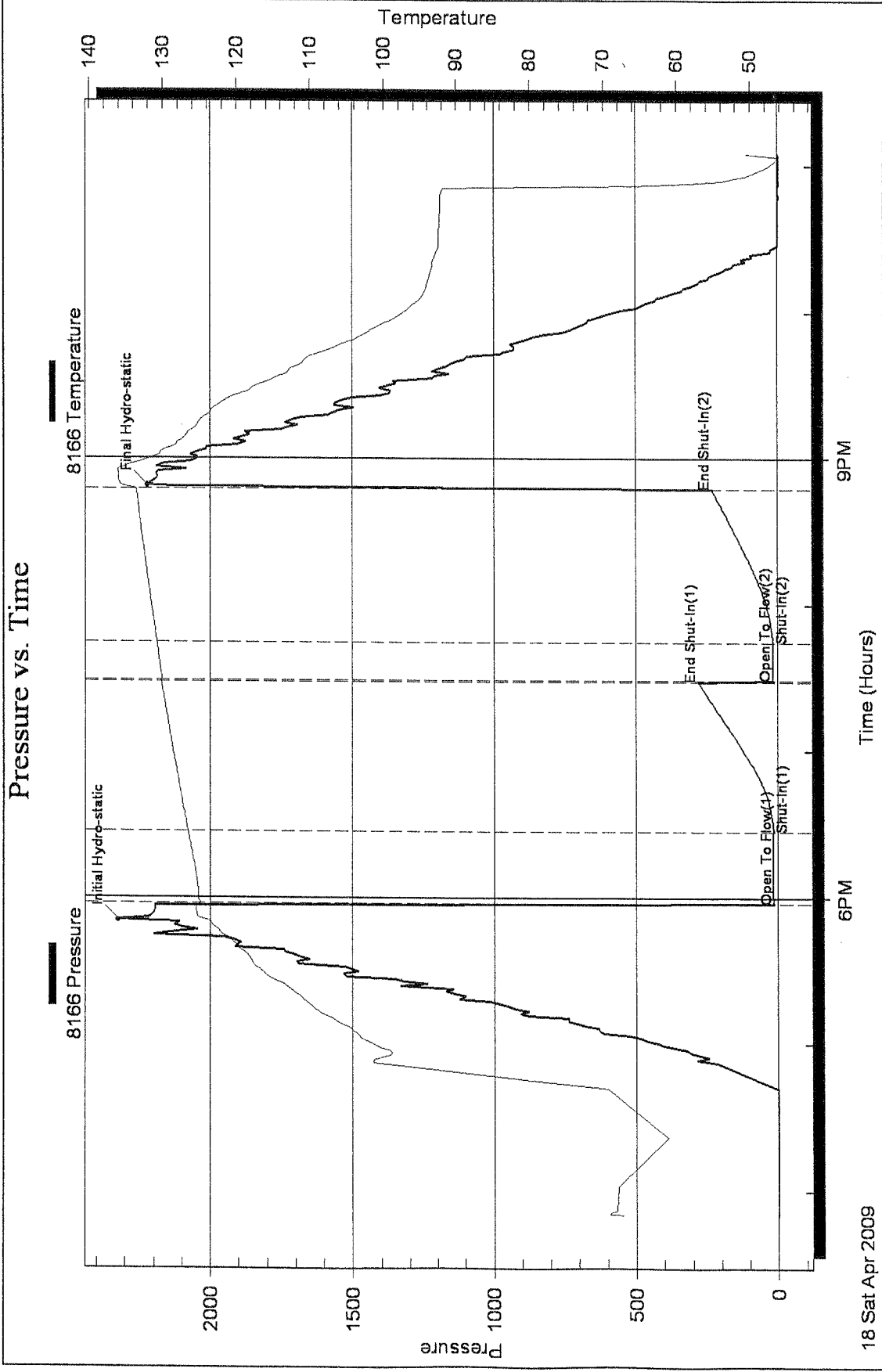
Inside

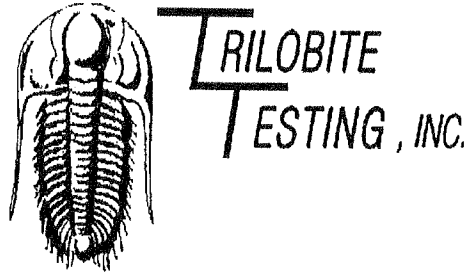
Murfin Drilling Co.

30 2 41 Cheyenne KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Ste. 300
Wichita, KS 67200

ATTN: Paul Gunzelman

30 2 41 Cheyenne KS

Myers Unit 2-30

Start Date: 2009.04.19 @ 07:45:00

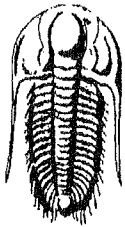
End Date: 2009.04.19 @ 14:47:00

Job Ticket #: 34466 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co.

250 N. Water
Ste. 300
Wichita, KS 67200
ATTN: Paul Gunzelman

Myers Unit 2-30

30 2 41 Cheyenne KS

Job Ticket: 34466

DST#: 2

Test Start: 2009.04.19 @ 07:45:00

GENERAL INFORMATION:

Formation: **LKC-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:46:30

Time Test Ended: 14:47:00

Interval: **4598.00 ft (KB) To 4656.00 ft (KB) (TVD)**

Total Depth: 4656.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Chuck Kreutzer

Unit No: 30

Reference Elevations: 3711.00 ft (KB)

3707.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 8356 Inside

Press@RunDepth: 29.70 psig @ 4602.00 ft (KB)

Start Date: 2009.04.19

End Date:

2009.04.19

Capacity: 7000.00 psig

Last Calib.: 2009.04.19

Start Time: 07:45:05

End Time:

14:46:59

Time On Btm: 2009.04.19 @ 09:38:30

Time Off Btm: 2009.04.19 @ 12:44:59

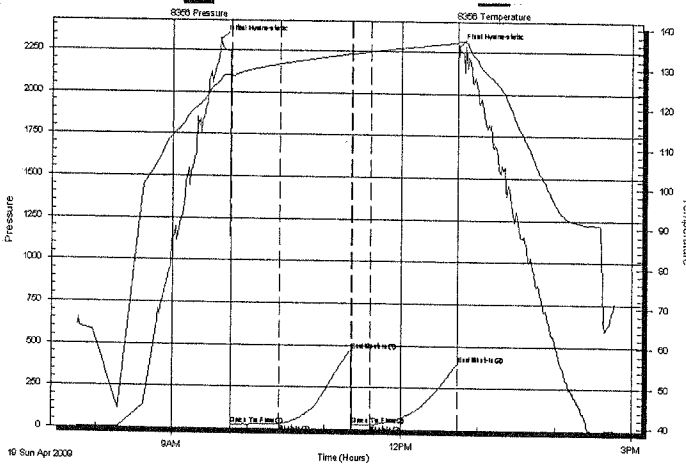
TEST COMMENT: IF: Weak blow built to 3/4 in. over 30 mins.

IS: No blow back

FF: No blow.

FSI: No blow back.

Pressure vs. Time



PRESSURE SUMMARY

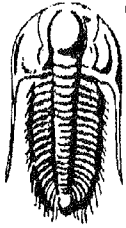
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2314.87	126.83	Initial Hydro-static
8	23.60	127.48	Open To Flow (1)
46	27.21	130.83	Shut-In(1)
103	469.81	133.58	End Shut-In(1)
103	28.31	133.52	Open To Flow (2)
117	29.70	134.16	Shut-In(2)
186	394.82	136.59	End Shut-In(2)
187	2279.83	137.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
7.00	ocm-20%o80%am	0.03

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water

30 2 41 Cheyenne KS

Ste. 300

Job Ticket: 34466

DST#: 2

Wichita, KS 67200

Test Start: 2009.04.19 @ 07:45:00

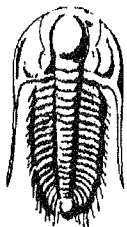
ATTN: Paul Gunzelman

Tool Information

Drill Pipe:	Length: 4054.00 ft	Diameter: 3.80 inches	Volume: 56.87 bbl	Tool Weight: 2800.00 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: 546.00 ft	Diameter: 2.25 inches	Volume: 2.69 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume: 59.56 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4598.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 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			4575.00	
Hydraulic tool	5.00			4580.00	
Jars	5.00			4585.00	
Safety Joint	3.00			4588.00	
Packer	5.00			4593.00	28.00 Bottom Of Top Packer
Packer	5.00			4598.00	
Stubb	1.00			4599.00	
Perforations	1.00			4600.00	
Change Over Sub	1.00			4601.00	
Change Over Sub	1.00			4602.00	
Recorder	0.00	8166	Inside	4602.00	
Recorder	0.00	8356	Inside	4602.00	
Blank Spacing	31.00			4633.00	
Perforations	20.00			4653.00	
Bullnose	3.00			4656.00	58.00 Bottom Packers & Anchor

Total Tool Length: 86.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water

30 2 41 Cheyenne KS

Ste. 300

Job Ticket: 34466

DST#: 2

Wichita, KS 67200

Test Start: 2009.04.19 @ 07:45:00

ATTN: Paul Gunzelman

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
7.00	ocm-20%o80%m	0.034

Total Length: 7.00 ft

Total Volume: 0.034 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

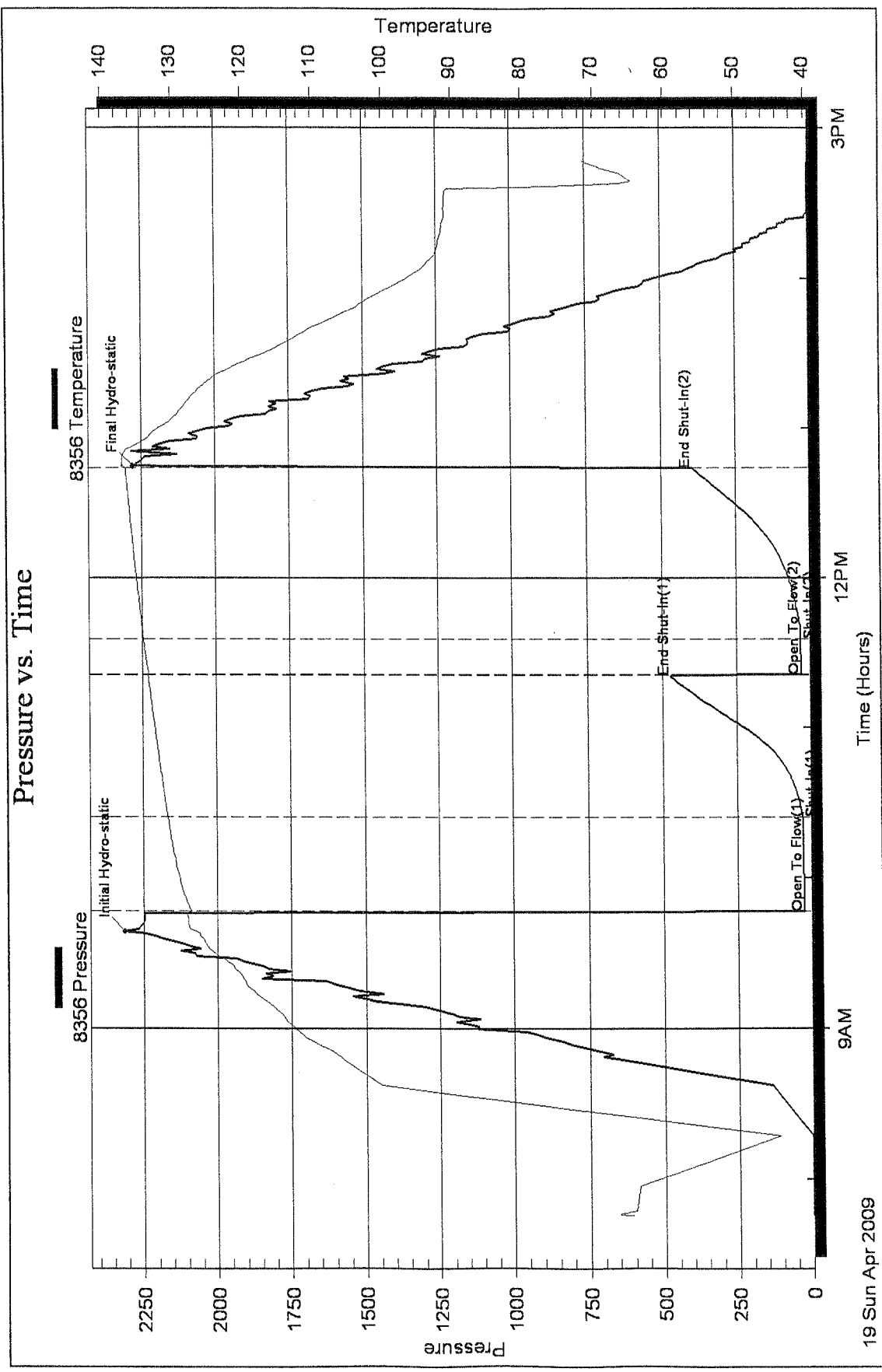
Serial #:

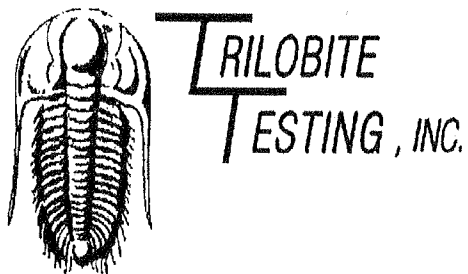
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Ste. 300
Wichita, KS 67200

ATTN: Paul Gunzelman

30 2 41 Cheyenne KS

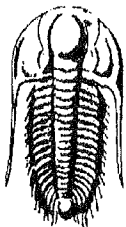
Myers Unit 2-30

Start Date: 2009.04.20 @ 07:45:00

End Date: 2009.04.20 @ 14:57:00

Job Ticket #: 34467 DST #: 3

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co.

250 N. Water
Ste. 300
Wichita, KS 67200
ATTN: Paul Gunzelman

Myers Unit 2-30

30 2 41 Cheyenne KS

Job Ticket: 34467

DST#: 3

Test Start: 2009.04.20 @ 07:45:00

GENERAL INFORMATION:

Formation: **LKC-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:57:30

Time Test Ended: 14:57:00

Interval: **4754.00 ft (KB) To 4810.00 ft (KB) (TVD)**

Total Depth: 4810.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Chuck Kreutzer

Unit No: 30

Reference Elevations: 3711.00 ft (KB)

3707.00 ft (CF)

KB to GRVCF: 4.00 ft

Serial #: 8166 Inside

Press@RunDepth: 17.40 psig @ 4758.00 ft (KB)

Start Date: 2009.04.20

End Date:

2009.04.20

Start Time: 07:45:05

End Time:

14:56:59

Capacity: 7000.00 psig

Last Calib.: 2009.04.20

Time On Btm: 2009.04.20 @ 09:52:30

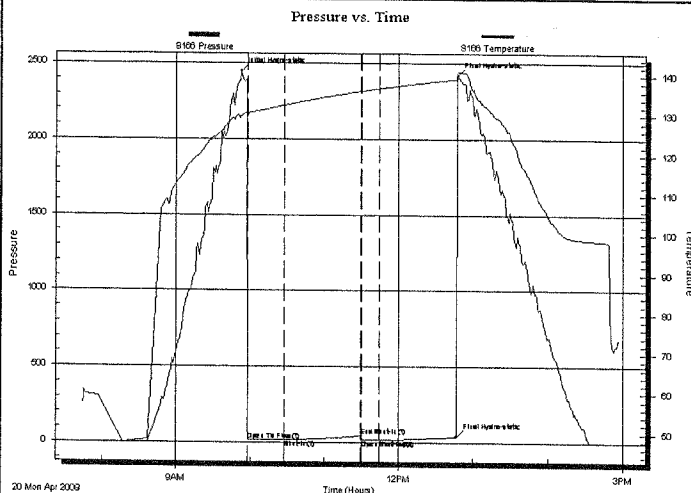
Time Off Btm: 2009.04.20 @ 12:46:30

TEST COMMENT: IF: Weak blow built to 1/2 in. over 30 mins.

ISI: No blow back.

FF: No blow.

FSI: No blow back.



PRESSURE SUMMARY

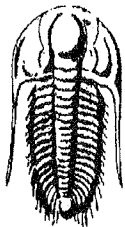
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2444.40	129.84	Initial Hydro-static
5	15.42	129.98	Open To Flow (1)
35	17.40	132.57	Shut-In (1)
98	43.97	136.12	End Shut-In (1)
98	17.12	136.13	Open To Flow (2)
113	17.80	136.79	Shut-In (2)
174	38.42	139.18	Final Hydro-static
175	2417.00	140.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud with oil specs	0.01

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water

30 2 41 Cheyenne KS

Ste. 300

Job Ticket: 34467

DST#: 3

Wichita, KS 67200

Test Start: 2009.04.20 @ 07:45:00

ATTN: Paul Gunzelman

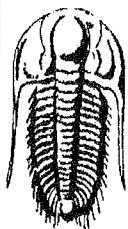
Tool Information

Drill Pipe:	Length: 4207.00 ft	Diameter: 3.80 inches	Volume: 59.01 bbl	Tool Weight: 2800.00 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: 546.00 ft	Diameter: 2.25 inches	Volume: 2.69 bbl	Weight to Pull Loose: 86000.00 lb
		Total Volume:	61.70 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4754.00 ft			Final 84000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 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			4731.00	
Hydraulic tool	5.00			4736.00	
Jars	5.00			4741.00	
Safety Joint	3.00			4744.00	
Packer	5.00			4749.00	28.00 Bottom Of Top Packer
Packer	5.00			4754.00	
Stubb	1.00			4755.00	
Perforations	1.00			4756.00	
Change Over Sub	1.00			4757.00	
Change Over Sub	1.00			4758.00	
Recorder	0.00	8166	Inside	4758.00	
Recorder	0.00	8356	Inside	4758.00	
Blank Spacing	31.00			4789.00	
Perforations	18.00			4807.00	
Bullnose	3.00			4810.00	56.00 Bottom Packers & Anchor

Total Tool Length: 84.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water
Ste. 300
Wichita, KS 67200

30 2 41 Cheyenne KS

Job Ticket: 34467

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2009.04.20 @ 07:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 64.00 sec/qt

Water Loss: 5.19 in³

Resistivity: ohm.m

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud with oil specs	0.015

Total Length: 3.00 ft Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

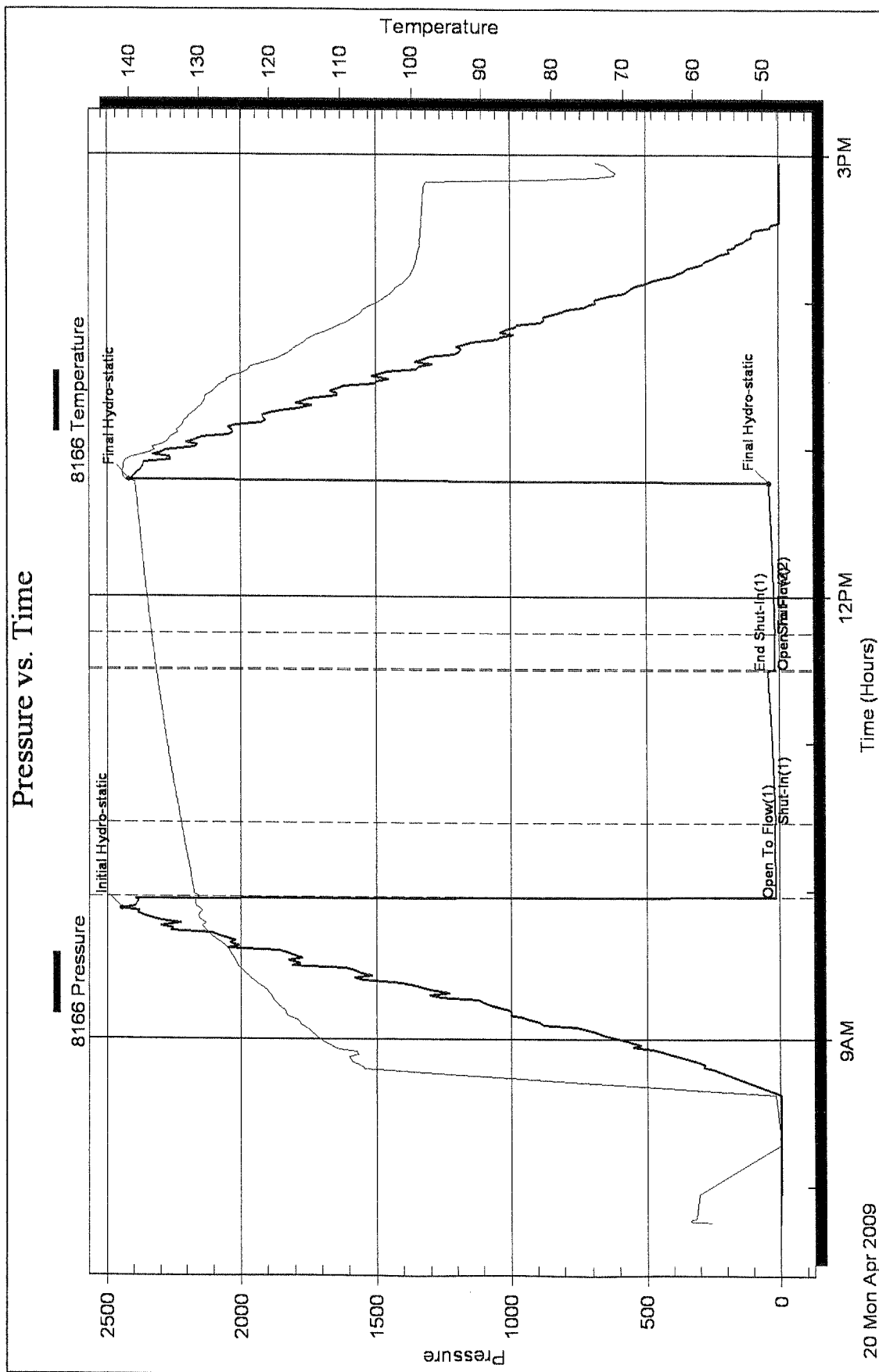
Serial #:

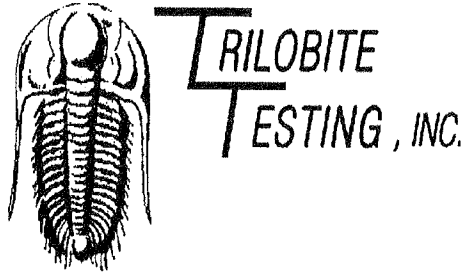
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co.**

250 N. Water
Ste. 300
Wichita, KS 67200

ATTN: Paul Gunzelman

30 2 41 Cheyenne KS

Myers Unit 2-30

Start Date: 2009.04.20 @ 00:25:00

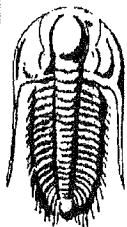
End Date: 2009.04.20 @ 08:36:30

Job Ticket #: 34468 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co.

250 N. Water
Ste. 300
Wichita, KS 67200
ATTN: Paul Gunzelman

Myers Unit 2-30

30 2 41 Cheyenne KS

Job Ticket: 34468

DST#: 4

Test Start: 2009.04.20 @ 00:25:00

GENERAL INFORMATION:

Formation: **LKC- K,L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:25:30

Time Test Ended: 08:36:30

Test Type: Conventional Bottom Hole

Tester: Chuck Kreutzer

Unit No: 30

Interval: **4834.00 ft (KB) To 4884.00 ft (KB) (TVD)**

Total Depth: 4884.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3711.00 ft (KB)

3707.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 8166

Inside

Press@RunDepth: 254.76 psig @ 4838.00 ft (KB)

Start Date: 2009.04.20

End Date: 2009.04.20

Start Time: 00:25:05

End Time: 08:36:29

Capacity: 7000.00 psig

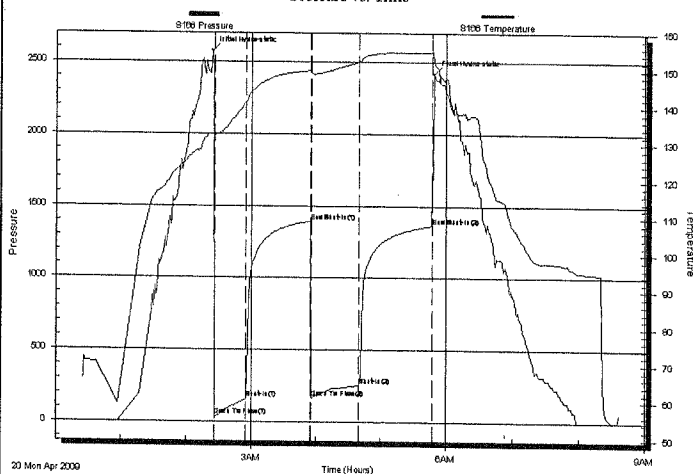
Last Calib.: 2009.04.21

Time On Btm: 2009.04.20 @ 02:23:30

Time Off Btm: 2009.04.20 @ 05:49:30

TEST COMMENT: IF: Fair blow built to B.O.B in 25 mins.
IS: Bled off, Weak blow surface built to 1in over 60 mins.
FF: Fair blow built to 6 in. over 45 mins.
FSI: Bled off Weak surface blow after 15 mins. Built

Pressure vs. Time



PRESSURE SUMMARY

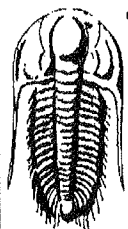
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2575.55	132.70	Initial Hydro-static
2	36.95	131.87	Open To Flow (1)
32	160.96	141.30	Shut-In (1)
92	1393.59	149.86	End Shut-In (1)
92	164.28	149.39	Open To Flow (2)
137	254.76	152.27	Shut-In (2)
204	1362.38	154.94	End Shut-In (2)
206	2418.57	152.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
118.00	OWCM-10%o30%w60%m	0.58
60.00	OWCM-40%o10%w50%m	0.30
120.00	GO-20%g80%o	0.59
310.00	GO-25%g75%o	2.09

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water

30 2 41 Cheyenne KS

Ste. 300

Job Ticket: 34468

DST#: 4

Wichita, KS 67200

Test Start: 2009.04.20 @ 00:25:00

ATTN: Paul Gunzelman

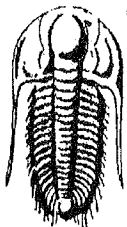
Tool Information

Drill Pipe:	Length: 4280.00 ft	Diameter: 3.80 inches	Volume: 60.04 bbl	Tool Weight: 2800.00 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: 546.00 ft	Diameter: 2.25 inches	Volume: 2.69 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 62.73 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4834.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4811.00	
Hydraulic tool	5.00			4816.00	
Jars	5.00			4821.00	
Safety Joint	3.00			4824.00	
Packer	5.00			4829.00	28.00 Bottom Of Top Packer
Packer	5.00			4834.00	
Stubb	1.00			4835.00	
Perforations	1.00			4836.00	
Change Over Sub	1.00			4837.00	
Change Over Sub	1.00			4838.00	
Recorder	0.00	8166	Inside	4838.00	
Recorder	0.00	8356	Inside	4838.00	
Blank Spacing	30.00			4868.00	
Perforations	13.00			4881.00	
Bullnose	3.00			4884.00	50.00 Bottom Packers & Anchor

Total Tool Length: 78.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co.

Myers Unit 2-30

250 N. Water
Ste. 300
Wichita, KS 67200

30 2 41 Cheyenne KS

Job Ticket: 34468

DST#: 4

ATTN: Paul Gunzelman

Test Start: 2009.04.20 @ 00:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 5.59 in³

Resistivity: ohm.m

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

25.8 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
118.00	OWCM-10%o30%w 60%m	0.580
60.00	OWCM-40%o10%w 50%m	0.295
120.00	GO-20%g80%o	0.590
310.00	GO-25%g75%o	2.089

Total Length: 608.00 ft

Total Volume: 3.554 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

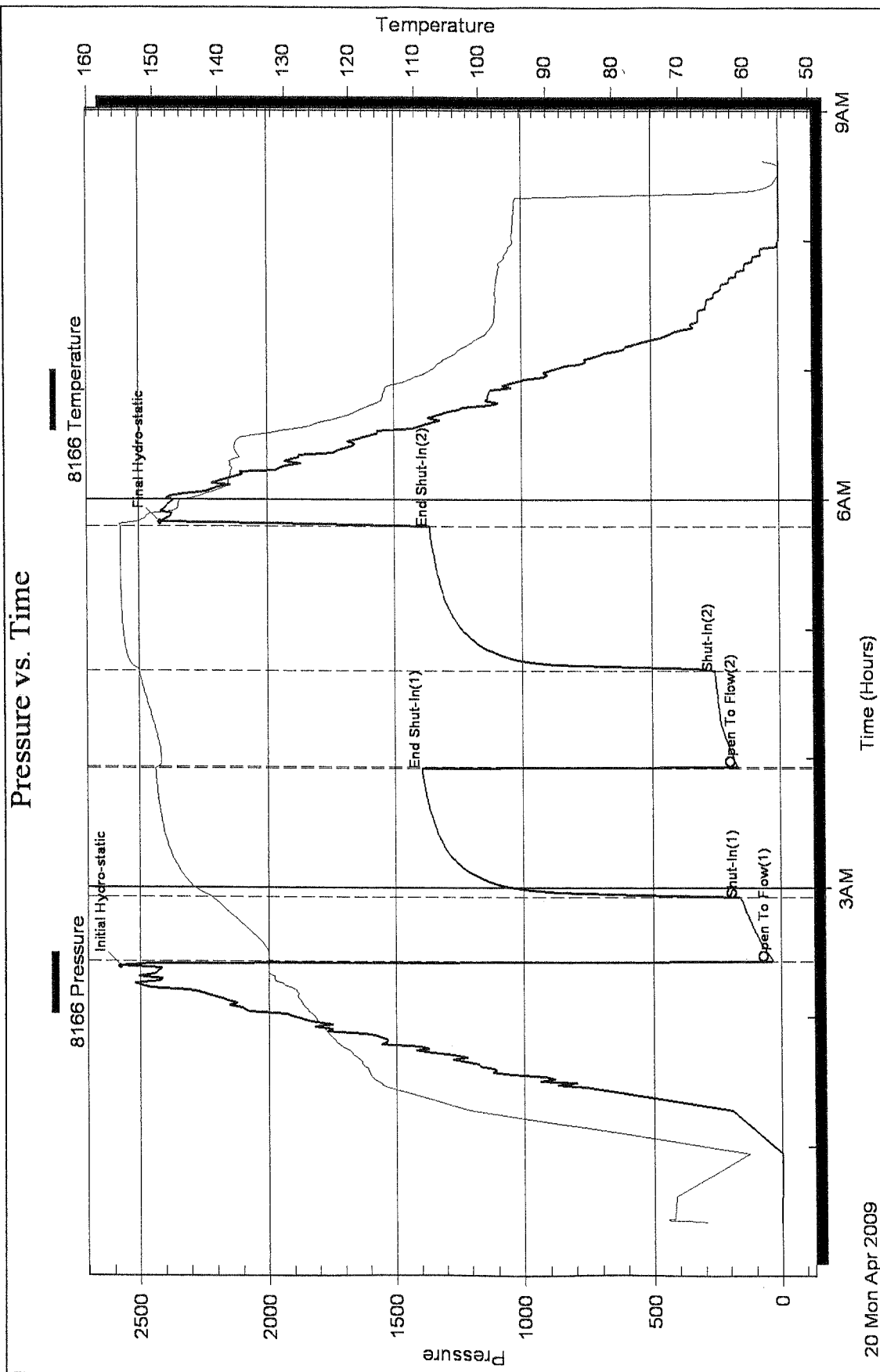
30 2 41 Cheyenne KS

Murfin Drilling Co.

Inside

Serial #: 8166

Pressure vs. Time



Ref. No: 34468

Trilobite Testing, Inc

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