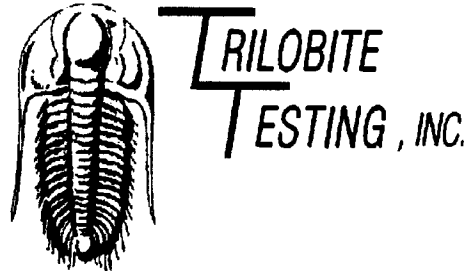


15-039-21009

28-5s-29w

CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

28 5 29 Decatur KS

Hussey #1-28

Start Date: 2007.07.29 @ 14:54:10

End Date: 2007.07.30 @ 00:03:50

Job Ticket #: 27816 DST #: 1

CONFIDENTIAL
NOV 20 2007
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CONSERVATION DIVISION
WICHITA, KS

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

Murfin Drilling Company

Hussey #1-28

28 5 29 Decatur KS

DST # 1

Toronto - Lansing "C"

2007.07.29



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27816

DST#: 1

Test Start: 2007.07.29 @ 14:54:10

GENERAL INFORMATION:

Formation: **Toronto - Lansing "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:21:30

Time Test Ended: 00:03:50

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Interval: **3757.00 ft (KB) To 3837.00 ft (KB) (TVD)**

Total Depth: 3837.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2714.00 ft (KB)

2709.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 299.06 psig @ 3758.00 ft (KB)

Start Date: 2007.07.29

End Date:

2007.07.30

Capacity: 7000.00 psig

Last Calib.: 2007.07.30

Start Time: 14:54:12

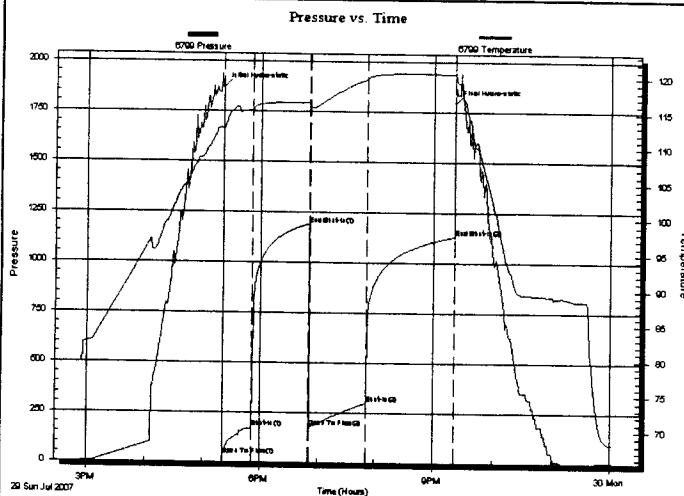
End Time:

00:03:50

Time On Btm: 2007.07.29 @ 17:21:10

Time Off Btm: 2007.07.29 @ 21:21:20

TEST COMMENT: IF Fairly strong blow built to BOB in 10 minutes.
ISI Bled off for 2 minutes blow back built to 1" in bucket.
FF Fairly strong blow built to BOB in 9.5 minutes.
FSI Bled off for 1.25 minutes blow ba



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1869.87	112.78	Initial Hydro-static
1	34.18	112.43	Open To Flow (1)
30	172.12	115.34	Shut-In (1)
90	1188.06	116.47	End Shut-In (1)
91	179.35	116.02	Open To Flow (2)
150	299.06	119.78	Shut-In (2)
240	1129.32	120.57	End Shut-In (2)
241	1792.56	120.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	GOMD 15%G 40%M 45%O	0.57
600.00	GC Clean Oil 10%G 90%O	7.77
0.00	400' GIP	0.00
0.00	Corrected gravity = 14.5 deg API	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27816

DST#: 1

ATTN: Rocky Milford

Test Start: 2007.07.29 @ 14:54:10

Tool Information

Drill Pipe:	Length: 3569.00 ft	Diameter: 3.80 inches	Volume: 50.06 bbl	Tool Weight:	2500.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose:	69000.00 lb
		Total Volume:	50.97 bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3757.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	108.00 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			3734.00	
Hydraulic tool	5.00			3739.00	
Jars	5.00			3744.00	
Safety Joint	3.00			3747.00	
Packer	5.00			3752.00	28.00 Bottom Of Top Packer
Packer	5.00			3757.00	
Stubb	1.00			3758.00	
Recorder	0.00	6799	Inside	3758.00	
Perforations	11.00			3769.00	
Blank Spacing	65.00			3834.00	
Recorder	0.00	10270	Outside	3834.00	
Bullnose	3.00			3837.00	80.00 Bottom Packers & Anchor

Total Tool Length: 108.00

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WICHITA, KS



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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27816

DST#: 1

ATTN: Rocky Milford

Test Start: 2007.07.29 @ 14:54:10

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	GCMO 15%G 40%M 45%O	0.566
600.00	GC Clean Oil 10%G 90%O	7.770
0.00	400' GIP	0.000
0.00	Corrected gravity = 14.5 deg API	0.000

Total Length: 715.00 ft

Total Volume: 8.336 bbl

Num Fluid Samples: 0

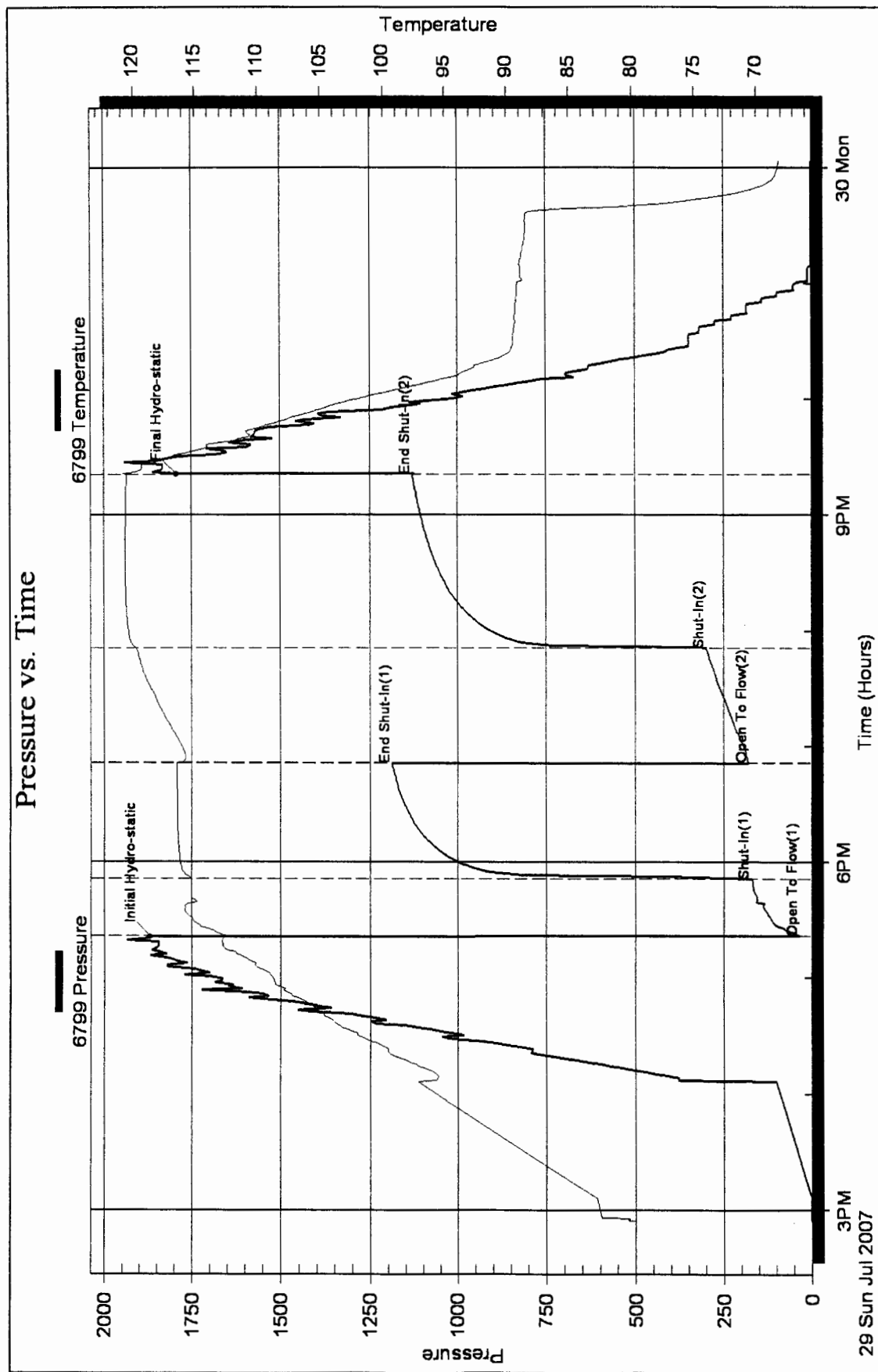
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

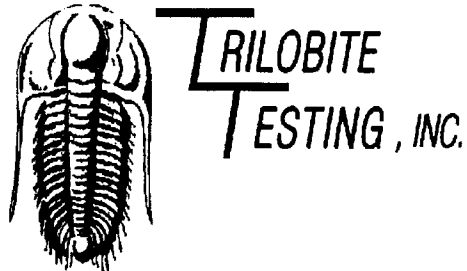
Recovery Comments:



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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

28 5 29 Decatur KS

Hussey #1-28

Start Date: 2007.07.30 @ 06:52:11

End Date: 2007.07.30 @ 14:49:11

Job Ticket #: 27821 DST #: 2

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27821

DST#: 2

Test Start: 2007.07.30 @ 06:52:11

GENERAL INFORMATION:

Formation: **Lansing "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:30:01

Time Test Ended: 14:49:11

Interval: **3842.00 ft (KB) To 3853.00 ft (KB) (TVD)**

Total Depth: 3853.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Reference Elevations: 2714.00 ft (KB)

2709.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 248.56 psig @ 3843.00 ft (KB)

Start Date: 2007.07.30

End Date:

2007.07.30

Start Time: 06:52:13

End Time:

14:49:11

Capacity: 7000.00 psig

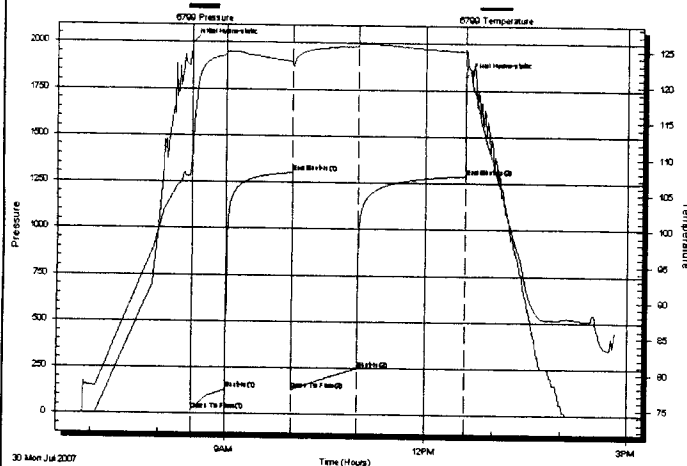
Last Calib.: 2007.07.30

Time On Btm: 2007.07.30 @ 08:29:51

Time Off Btm: 2007.07.30 @ 12:36:11

TEST COMMENT: IF Fair blow built to BOB in 21 minutes.
ISI Bled off for 2 minutes no blow back
FF Fair blow built to BOB in 26 minutes.
FSI Bled off for 2 minutes no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.22	109.54	Initial Hydro-static
1	18.90	109.07	Open To Flow (1)
31	132.59	124.31	Shut-In (1)
90	1302.71	123.40	End Shut-In (1)
91	133.00	122.88	Open To Flow (2)
150	248.56	125.56	Shut-In (2)
246	1289.58	124.93	End Shut-In (2)
247	1823.93	125.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
455.00	Salt Water 100%W	4.69
60.00	SOSMW 35%M 65%W	0.84
0.00	RW=.21 OHMS@85degF=27000ppmCHL	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27821

DST#: 2

ATTN: Rocky Milford

Test Start: 2007.07.30 @ 06:52:11

Tool Information

Drill Pipe:	Length: 3632.00 ft	Diameter: 3.80 inches	Volume: 50.95 bbl	Tool Weight: 2100.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 51.86 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3842.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			3819.00	
Hydraulic tool	5.00			3824.00	
Jars	5.00			3829.00	
Safety Joint	3.00			3832.00	
Packer	5.00			3837.00	28.00 Bottom Of Top Packer
Packer	5.00			3842.00	
Stubb	1.00			3843.00	
Recorder	0.00	6799	Inside	3843.00	
Perforations	7.00			3850.00	
Recorder	0.00	10270	Outside	3850.00	
Bullnose	3.00			3853.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27821

DST#: 2

ATTN: Rocky Milford

Test Start: 2007.07.30 @ 06:52:11

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
455.00	Salt Water 100%W	4.688
60.00	SOSMV 35%M 65%W	0.842
0.00	RW=.21 OHMS@85degF=27000ppmCHL	0.000

Total Length: 515.00 ft

Total Volume: 5.530 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

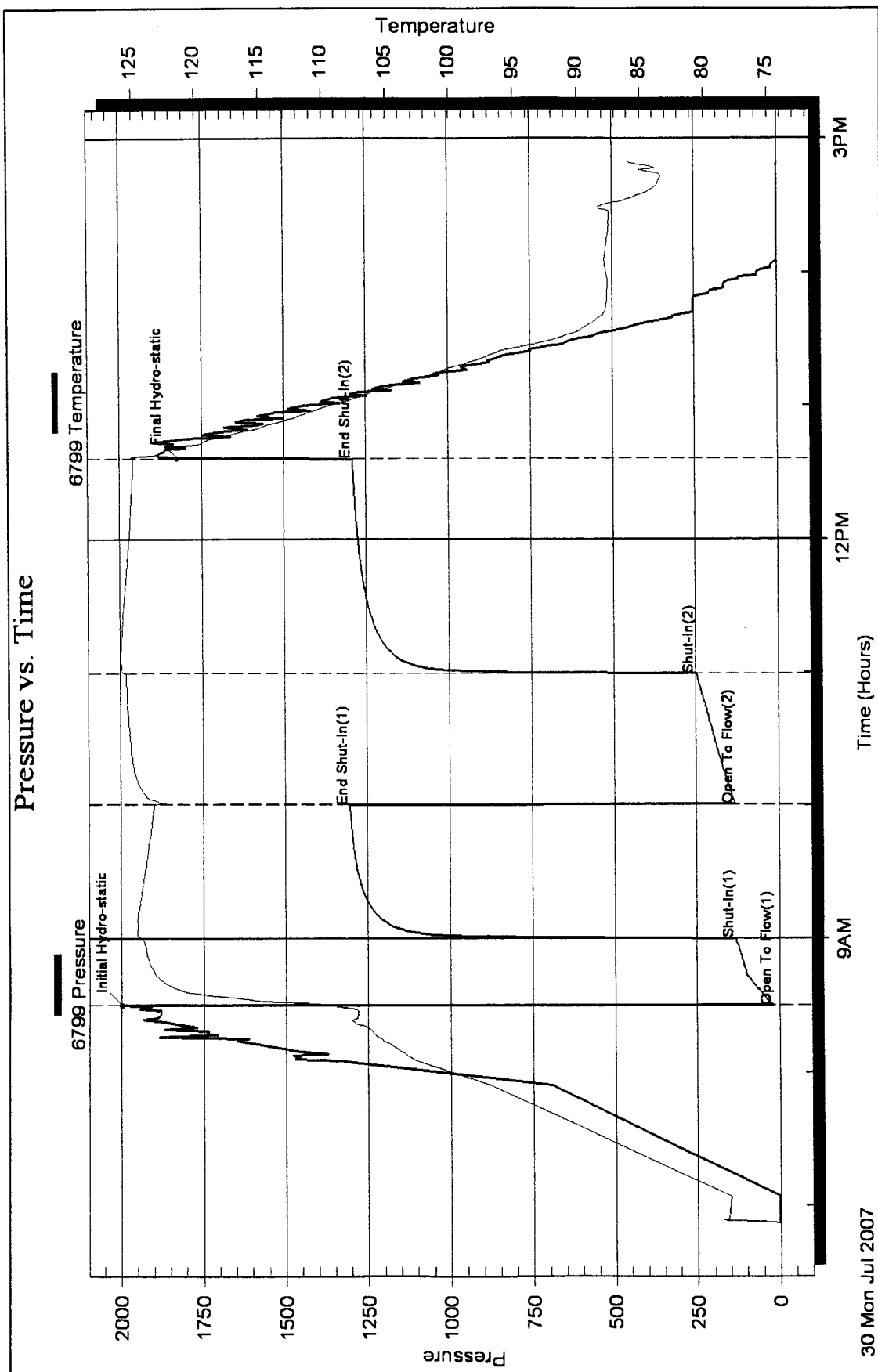
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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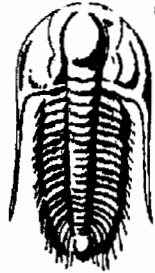
Ref. No: 27821

Printed: 2007.08.06 @ 11:07:01 Page 5

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Trilobite Testing, Inc



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

28 5 29 Decatur KS

Hussey #1-28

Start Date: 2007.07.31 @ 01:32:35

End Date: 2007.07.31 @ 09:58:25

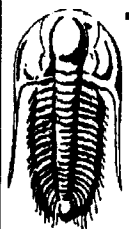
Job Ticket #: 27822 DST #: 3

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27822

DST#: 3

Test Start: 2007.07.31 @ 01:32:35

GENERAL INFORMATION:

Formation: **Lansing "F-G"**

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

Time Tool Opened: 03:19:15

Time Test Ended: 09:58:25

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **22**

Interval: **3852.00 ft (KB) To 3897.00 ft (KB) (TVD)**

Total Depth: **3897.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2714.00 ft (KB)**

2709.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6799 **Inside**

Press@RunDepth: **476.07 psig @ 3853.00 ft (KB)**

Start Date: **2007.07.31**

End Date:

2007.07.31

Capacity: **7000.00 psig**

Last Calib.: **2007.07.31**

Start Time: **01:32:37**

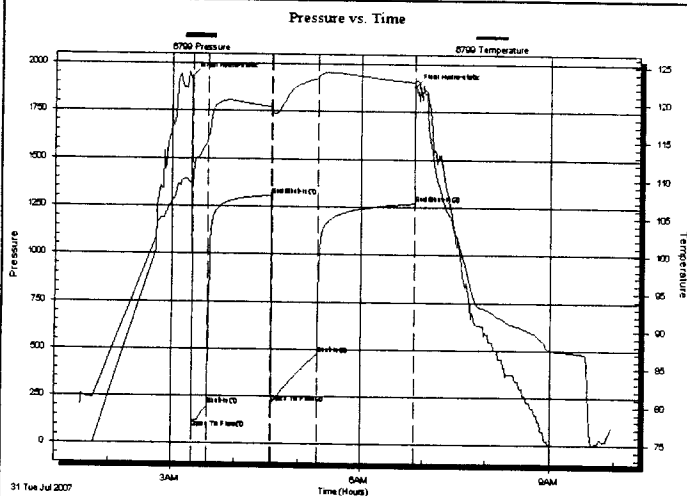
End Time:

09:58:24

Time On Btm: **2007.07.31 @ 03:19:05**

Time Off Btm: **2007.07.31 @ 06:52:15**

TEST COMMENT: IF Strng blow BOB 2.75 minutes.
ISI Bled off 2.5 minutes blow back @ BOB in 20 minutes.
FF Strong blow BOB 3.75 minutes.
FSI Bled off 2 minutes blow back @ BOB in 20 minutes.



PRESSURE SUMMARY

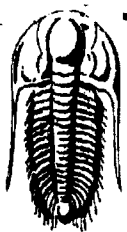
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.34	109.47	Initial Hydro-static
1	78.68	108.79	Open To Flow (1)
16	202.31	115.40	Shut-In(1)
75	1307.27	119.50	End Shut-In(1)
76	214.78	119.00	Open To Flow(2)
120	476.07	123.35	Shut-In(2)
213	1269.58	122.85	End Shut-In(2)
214	1879.41	123.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOM 15%G 40%O 45%M	0.59
1180.00	G Clean Oil 20%G 80%O	15.95
0.00	930 ' GIP	0.00
0.00	corrected gravity = 35.5 deg API	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27822

DST#: 3

Test Start: 2007.07.31 @ 01:32:35

Tool Information

Drill Pipe:	Length: 3664.00 ft	Diameter: 3.80 inches	Volume: 51.40 bbl	Tool Weight: 2300.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 52.31 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3852.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 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			3829.00	
Hydraulic tool	5.00			3834.00	
Jars	5.00			3839.00	
Safety Joint	3.00			3842.00	
Packer	5.00			3847.00	28.00 Bottom Of Top Packer
Packer	5.00			3852.00	
Stubb	1.00			3853.00	
Recorder	0.00	6799	Inside	3853.00	
Perforations	8.00			3861.00	
Blank Spacing	33.00			3894.00	
Recorder	0.00	10270	Outside	3894.00	
Bullnose	3.00			3897.00	45.00 Bottom Packers & Anchor

Total Tool Length: 73.00

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27822

DST#: 3

ATTN: Rocky Milford

Test Start: 2007.07.31 @ 01:32:35

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOM 15%G 40%O 45%M	0.590
1180.00	G Clean Oil 20%G 80%O	15.951
0.00	930' GIP	0.000
0.00	corrected gravity = 35.5 deg API	0.000

Total Length: 1300.00 ft

Total Volume: 16.541 bbl

Num Fluid Samples: 0

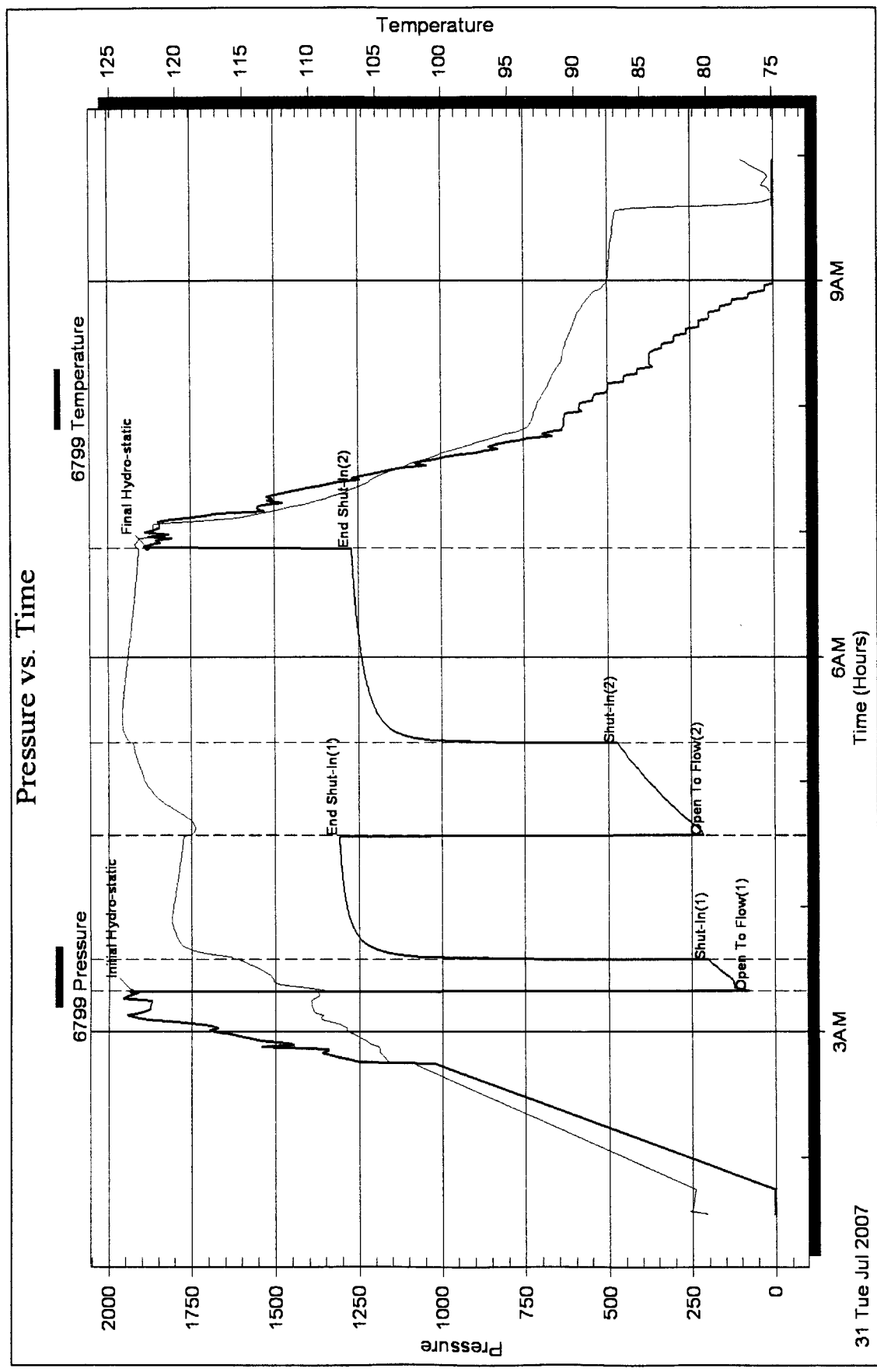
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

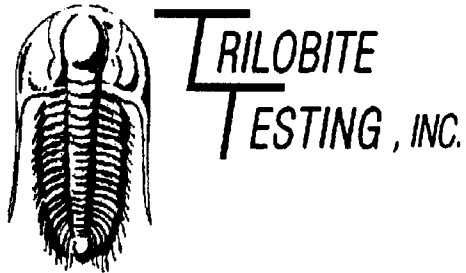


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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

28 5 29 Decatur KS

Hussey #1-28

Start Date: 2007.08.01 @ 05:37:16

End Date: 2007.08.01 @ 14:28:16

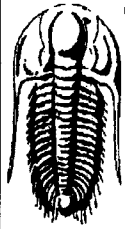
Job Ticket #: 27823 DST #: 4

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27823

DST#: 4

Test Start: 2007.08.01 @ 05:37:16

GENERAL INFORMATION:

Formation: **Lansing "J-K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:18:06

Time Test Ended: 14:28:16

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Interval: **3925.00 ft (KB) To 4013.00 ft (KB) (TVD)**

Total Depth: 4013.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2714.00 ft (KB)

2709.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799 Inside

Press@RunDepth: 734.32 psig @ 3926.00 ft (KB)

Start Date: 2007.08.01

End Date: 2007.08.01

Start Time: 05:37:18

End Time: 14:28:16

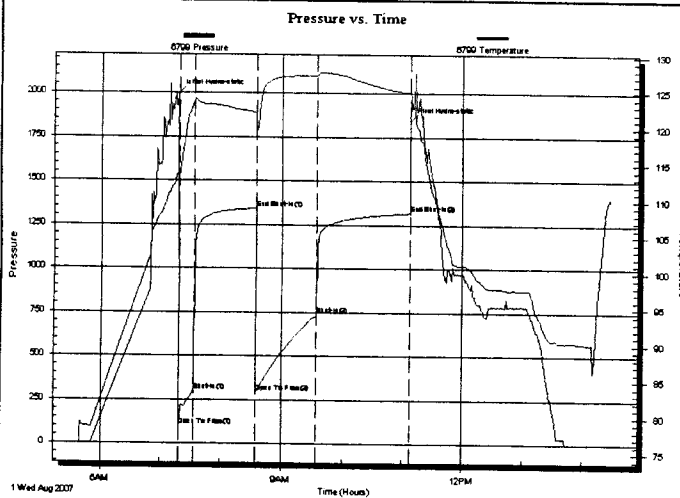
Capacity: 7000.00 psig

Last Calib.: 2007.08.01

Time On Btm: 2007.08.01 @ 07:17:56

Time Off Btm: 2007.08.01 @ 11:07:26

TEST COMMENT: IF Strong blow BOB 2.5 minutes.
ISI Bled off 3 minutes blow back @ BOB after 18 minutes.
FF Strong blow BOB 2 minutes.
FSI Bled off 3 minutes blow back @ BOB after 18 minutes died to 8" by end of shu



PRESSURE SUMMARY

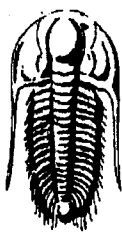
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.22	113.50	Initial Hydro-static
1	99.58	112.81	Open To Flow(1)
16	300.02	123.78	Shut-In(1)
77	1341.06	122.11	End Shut-In(1)
77	294.01	121.00	Open To Flow(2)
136	734.32	127.30	Shut-In(2)
230	1316.97	124.96	End Shut-In(2)
230	1843.78	125.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
245.00	GCMO 15%G 38%M 47%O	1.74
1245.00	GO est 20%G est 80%O (reversed)	17.46
400.00	GO 25%G 75%O	5.61
0.00	1170' GIP Gravity = 34 corrected	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

250 N Water Ste 300
Wichita KS 67202

ATTN: Rocky Milford

Hussey #1-28

28 5 29 Decatur KS

Job Ticket: 27823

DST#: 4

Test Start: 2007.08.01 @ 05:37:16

Tool Information

Drill Pipe:	Length: 3727.00 ft	Diameter: 3.80 inches	Volume: 52.28 bbl	Tool Weight: 2500.00 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 53.19 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3925.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 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			3902.00	
Hydraulic tool	5.00			3907.00	
Jars	5.00			3912.00	
Safety Joint	3.00			3915.00	
Packer	5.00			3920.00	28.00 Bottom Of Top Packer
Packer	5.00			3925.00	
Stubb	1.00			3926.00	
Recorder	0.00	6799	Inside	3926.00	
Perforations	19.00			3945.00	
Blank Spacing	65.00			4010.00	
Recorder	0.00	10270	Outside	4010.00	
Bullnose	3.00			4013.00	88.00 Bottom Packers & Anchor

Total Tool Length: 116.00

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NOV 21 2007
CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Hussey #1-28

250 N Water Ste 300
Wichita KS 67202

28 5 29 Decatur KS

Job Ticket: 27823

DST#: 4

ATTN: Rocky Milford

Test Start: 2007.08.01 @ 05:37:16

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 6.00 in³

Resistivity: ohm.m

Salinity: 1100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	GCMO 15%G 38%M 47%O	1.742
1245.00	GO est 20%G est 80%O (reversed)	17.464
400.00	GO 25%G 75%O	5.611
0.00	1170' GIP Gravity = 34 corrected	0.000

Total Length: 1890.00 ft

Total Volume: 24.817 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

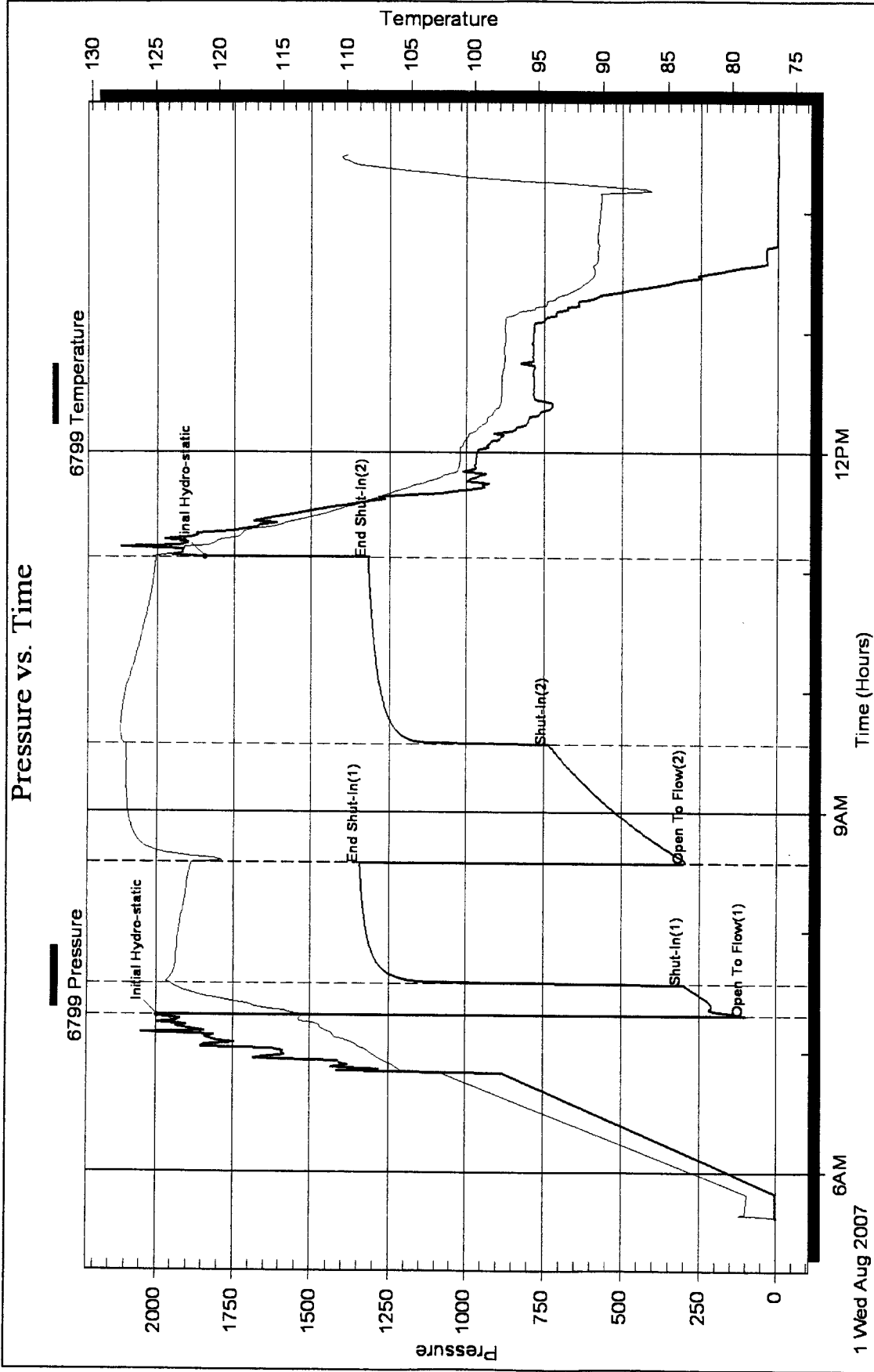
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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Ref. No: 27823

Trilobite Testing, Inc

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