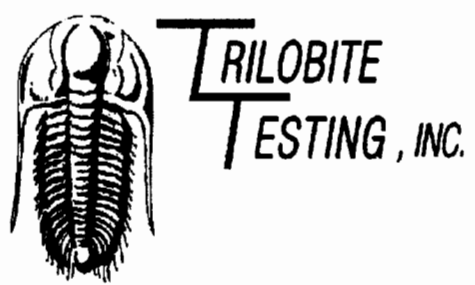


KG

15-007-23398



DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

19 32S 10w Barber KS

Hrencher A-1

Start Date: 2008.11.26 @ 01:29:41

End Date: 2008.11.26 @ 10:06:06

Job Ticket #: 33966 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

R&B Oil & Gas
Hrencher A-1
19 32S 10w Barber KS
DST # 1
Mississippi
2008.11.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R&B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Hrencher A-1

19 32S 10w Barber KS

Job Ticket: 33966

DST#: 1

Test Start: 2008.11.26 @ 01:29:41

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:14:46

Time Test Ended: 10:06:06

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 43

Interval: **4414.00 ft (KB) To 4444.00 ft (KB) (TVD)**

Total Depth: 4444.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1471.00 ft (KB)

1463.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6799 Inside

Press@RunDepth: 17.37 psig @ 4415.00 ft (KB)

Start Date: 2008.11.26

End Date:

2008.11.26

Start Time: 01:29:43

End Time:

10:06:06

Capacity: 7000.00 psig

Last Calib.: 2008.11.26

Time On Btm: 2008.11.26 @ 05:14:36

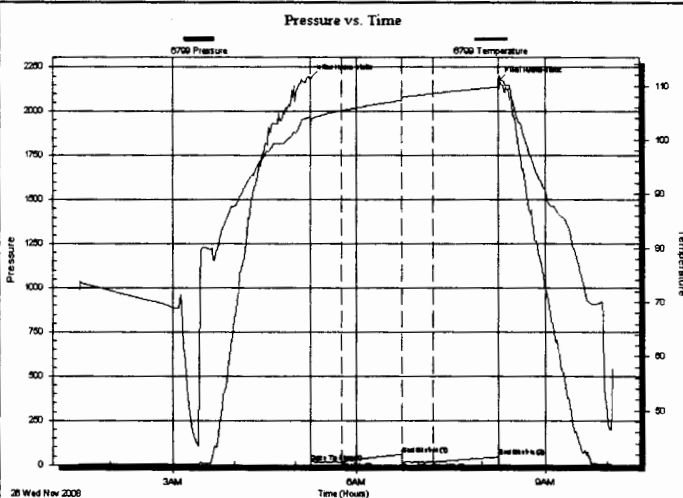
Time Off Btm: 2008.11.26 @ 08:16:06

TEST COMMENT: I.F. Weak Blow Built To 2 1/2" In 30 Min

I.S.I. Bled Off 5 Min No Blow

F.F. Weak Blow Built To 1" In 5 Min Died Back To Surface Blow in 30 Min

F.S.I. Bled Off 5 Min No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.69	104.18	Initial Hydro-static
1	17.98	103.01	Open To Flow (1)
31	17.87	105.42	Shut-In(1)
90	60.33	107.28	End Shut-In(1)
91	12.87	107.39	Open To Flow (2)
121	17.37	108.58	Shut-In(2)
182	45.87	109.81	End Shut-In(2)
182	2169.48	111.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Mud With Oil Scum	0.12

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 33966

DST#: 1

ATTN: Tim Pierce

Test Start: 2008.11.26 @ 01:29:41

Tool Information

Drill Pipe:	Length: 4409.00 ft	Diameter: 3.88 inches	Volume: 64.48 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:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
		Total Volume:	64.48 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	4414.00 ft			Final	49000.00 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
-------------	------------	----------	------------	----------------

Shut In Tool	5.00		4399.00	
Hydraulic tool	5.00		4404.00	
Packer	5.00		4409.00	20.00 Bottom Of Top Packer
Packer	5.00		4414.00	
Stubb	1.00		4415.00	
Recorder	0.00	8352	Inside 4415.00	
Recorder	0.00	6799	Inside 4415.00	
Perforations	26.00		4441.00	
Bullnose	3.00		4444.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 33966

DST#: 1

ATTN: Tim Pierce

Test Start: 2008.11.26 @ 01:29:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	Mud With Oil Scum	0.117

Total Length: 8.00 ft Total Volume: 0.117 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

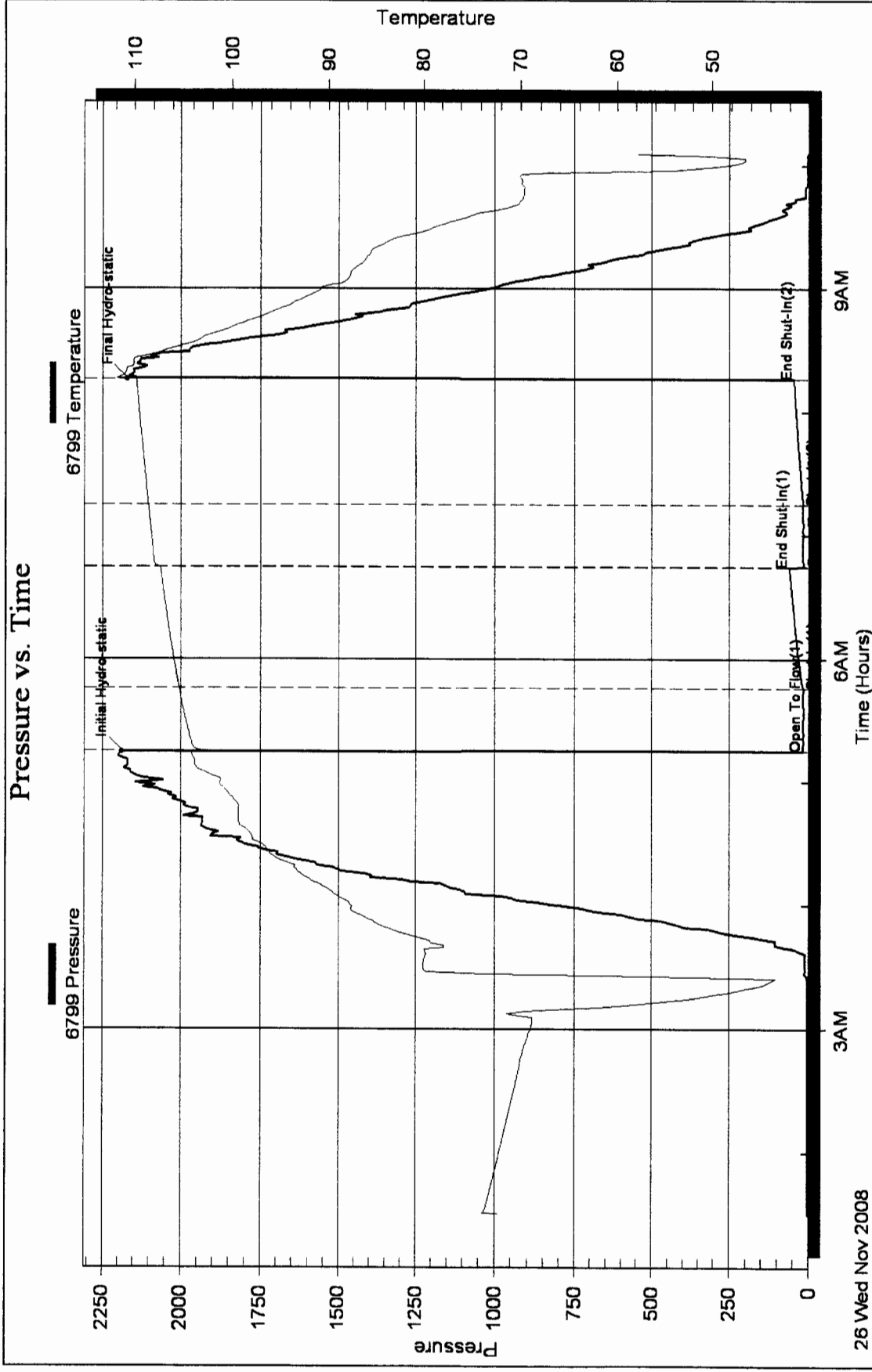
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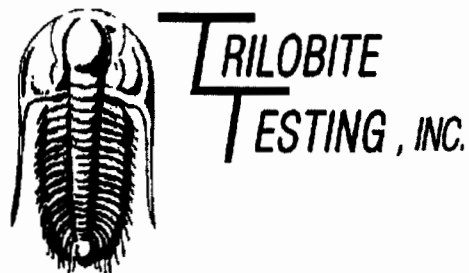
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

19 32S 10w Barber KS

Hrencher A-1

Start Date: 2008.11.26 @ 18:26:35

End Date: 2008.11.27 @ 02:26:44

Job Ticket #: 33967 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

R&B Oil & Gas

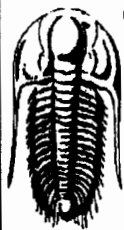
Hrencher A-1

19 32S 10w Barber KS

DST # 2

Miss.

2008.11.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

R&B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Hrencher A-1

19 32S 10w Barber KS

Job Ticket: 33967

DST#: 2

Test Start: 2008.11.26 @ 18:26:35

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 20:56:35

Time Test Ended: 02:26:44

Test Type: **Conventional Bottom Hole**

Tester: **Kevin Taylor**

Unit No: **43**

Interval: **4445.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Total Depth: **4475.00 ft (KB) (TVD)**

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

Reference Elevations: **1471.00 ft (KB)**

1463.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6799

Inside

Press@RunDepth: **88.75 psig @ 4446.00 ft (KB)**

Start Date: **2008.11.26**

End Date:

2008.11.27

Capacity: **7000.00 psig**

Last Calib.:

2008.11.27

Start Time: **18:26:37**

End Time:

02:26:45

Time On Btm: **2008.11.26 @ 20:55:35**

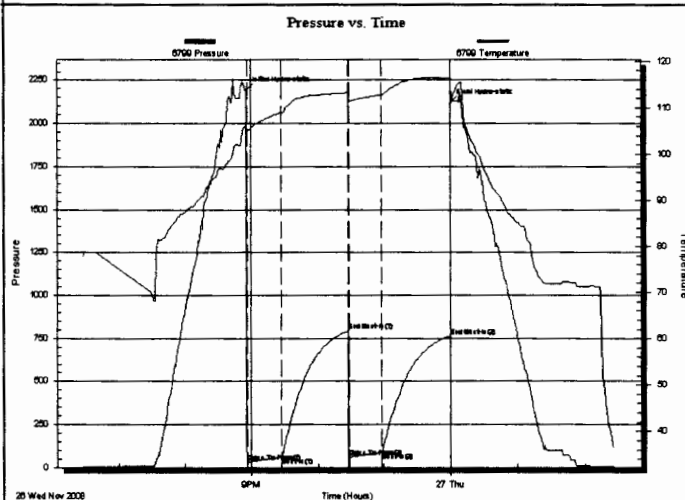
Time Off Btm: **2008.11.26 @ 23:59:55**

TEST COMMENT: **I.F. Strong Blow B.O.B. 40 Sec**

I.S.I Bled Off 5 Min No Blow

F.F. Strong Blow B.O.B 5 Sec GTS 8 Mn See Gas Flow Report

F.S.I. Bled Off 10 Min No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2192.14	105.69	Initial Hydro-static
1	34.02	104.98	Open To Flow (1)
32	59.34	108.95	Shut-In(1)
92	791.67	113.23	End Shut-In(1)
93	59.92	111.38	Open To Flow (2)
123	88.75	112.75	Shut-In(2)
185	762.14	116.45	End Shut-In(2)
185	2117.66	116.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	SOGCM 1%O 24%G 75%M	1.32
60.00	SOGCM 5%O 15%G 80%M	0.88
60.00	OGWCM 5%O 10%G 20%W 65%M	0.88

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.00	5.76
Last Gas Rate	0.13	3.00	6.51
Max. Gas Rate	0.13	3.00	6.51



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 33967

DST#: 2

ATTN: Tim Pierce

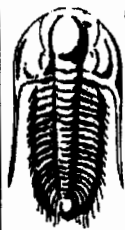
Test Start: 2008.11.26 @ 18:26:35

Tool Information

Drill Pipe:	Length: 4488.00 ft	Diameter: 3.88 inches	Volume: 65.63 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
		Total Volume: 65.63 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	63.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4445.00 ft			Final 50000.00 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
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Shut In Tool	5.00			4430.00	
Hydraulic tool	5.00			4435.00	
Packer	5.00			4440.00	20.00 Bottom Of Top Packer
Packer	5.00			4445.00	
Stubb	1.00			4446.00	
Recorder	0.00	8352	Inside	4446.00	
Recorder	0.00	6799	Inside	4446.00	
Perforations	26.00			4472.00	
Bullnose	3.00			4475.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 33967

DST#: 2

ATTN: Tim Pierce

Test Start: 2008.11.26 @ 18:26:35

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	SOGCM 1%O 24%G 75%M	1.316
60.00	SOGCM 5%O 15%G 80%M	0.877
60.00	OGWCM 5%O 10%G 20%W 65%M	0.877

Total Length: 210.00 ft

Total Volume: 3.070 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

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 33967

DST#: 2

ATTN: Tim Pierce

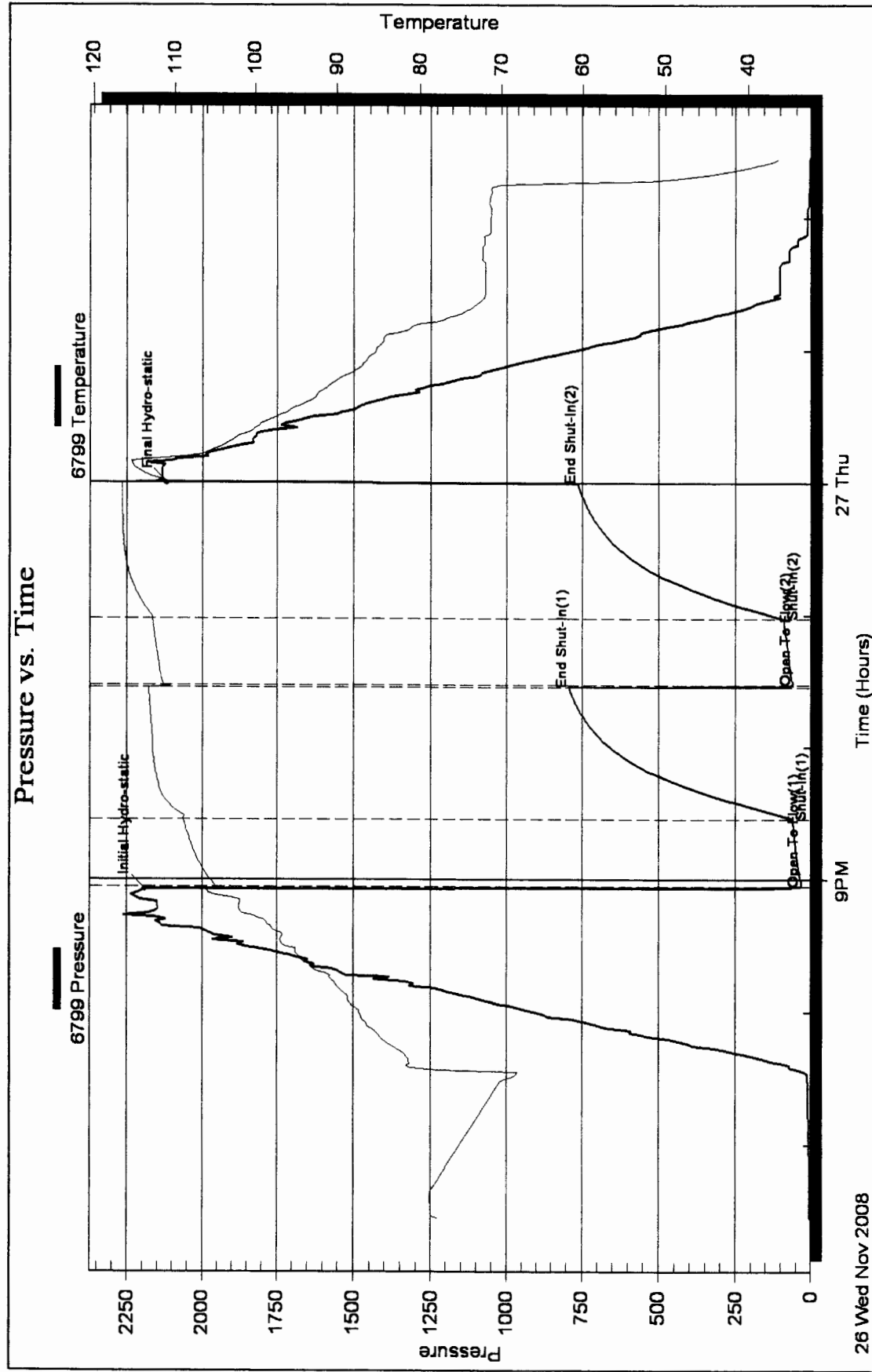
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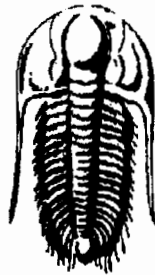
Gas Rates Information

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	10	0.13	1.00	5.76
2	10	0.13	1.00	5.76
2	30	0.13	3.00	6.51





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas**

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

19 32S 10w Barber KS

Hrencher A-1

Start Date: 2008.11.27 @ 21:45:29

End Date: 2008.11.28 @ 05:08:29

Job Ticket #: 34383 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

R&B Oil & Gas

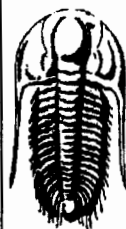
Hrencher A-1

19 32S 10w Barber KS

DST # 3

Viola

2008.11.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

R&B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Hrencher A-1

19 32S 10w Barber KS

Job Ticket: 34383

DST#: 3

Test Start: 2008.11.27 @ 21:45:29

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:44:29

Time Test Ended: 05:08:29

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **4705.00 ft (KB) To 4720.00 ft (KB) (TVD)**

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1471.00 ft (KB)

1463.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6755 Inside

Press@RunDepth: 75.71 psig @ 4707.00 ft (KB)

Start Date: 2008.11.27

End Date:

2008.11.28

Start Time: 21:45:31

End Time:

05:08:29

Capacity: 7000.00 psig

Last Calib.: 2008.11.28

Time On Btm: 2008.11.27 @ 23:43:59

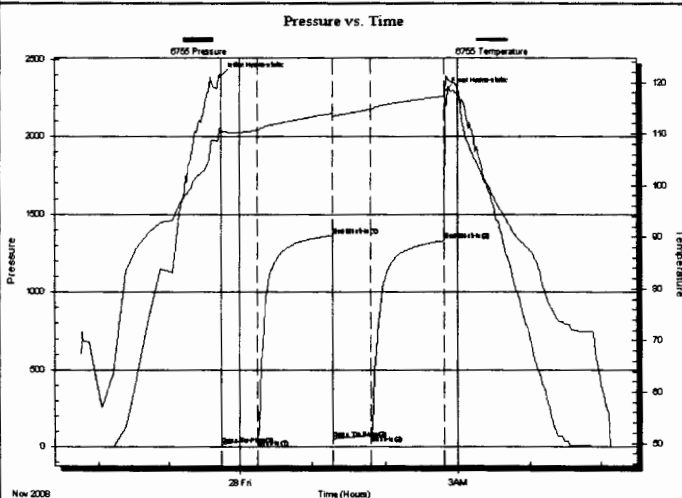
Time Off Btm: 2008.11.28 @ 02:49:29

TEST COMMENT: IFP-Good Blow ,Built to 10"

ISI-Dead

FFP-Weak Blow ,Built to 4-1/2"

FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2392.24	111.32	Initial Hydro-static
1	16.19	110.65	Open To Flow (1)
31	49.68	110.70	Shut-In(1)
93	1362.66	113.96	End Shut-In(1)
94	52.07	113.47	Open To Flow (2)
125	75.71	114.71	Shut-In(2)
185	1328.93	117.36	End Shut-In(2)
186	2293.32	117.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW W/Oil Scum-90%W-10%M	1.68
0.00	60' Gas In Pipe	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

R&B Oil & Gas

PO Box 195
Attica, KS 67009

ATTN: Tim Pierce

Hrencher A-1

19 32S 10w Barber KS

Job Ticket: 34383

DST#: 3

Test Start: 2008.11.27 @ 21:45:29

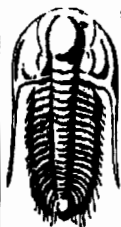
Tool Information

Drill Pipe:	Length: 4690.00 ft	Diameter: 3.80 inches	Volume: 65.79 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	55000.00 lb
		Total Volume:	65.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4705.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	36.00 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			4685.00	
Shut In Tool	5.00			4690.00	
Hydraulic tool	5.00			4695.00	
Packer	5.00			4700.00	21.00 Bottom Of Top Packer
Packer	5.00			4705.00	
Stubb	1.00			4706.00	
Perforations	1.00			4707.00	
Recorder	0.00	8360	Inside	4707.00	
Recorder	0.00	6755	Inside	4707.00	
Perforations	10.00			4717.00	
Bullnose	3.00			4720.00	15.00 Bottom Packers & Anchor

Total Tool Length: 36.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

R&B Oil & Gas

Hrencher A-1

PO Box 195
Attica, KS 67009

19 32S 10w Barber KS

Job Ticket: 34383

DST#: 3

ATTN: Tim Pierce

Test Start: 2008.11.27 @ 21:45:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

70000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 19.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 11500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MM/ W/Oil Scurm-90%W-10%M	1.683
0.00	60' Gas In Pipe	0.000

Total Length: 120.00 ft

Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .212 @37F

Pressure vs. Time

