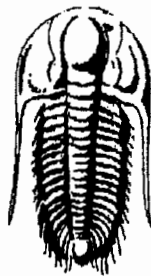


18-33s-23w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.10.24 @ 06:29:15

End Date: 2006.10.24 @ 16:20:30

Job Ticket #: 26311 DST #: 1

15-025-21384

NE

1320 PNL 1320 FEL

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 06 2007

CONSERVATION DIVISION
WICHITA, KS

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18

18 33 23 Clark KS

Job Ticket: 26311

DST#: 1

Test Start: 2006.10.24 @ 06:29:15

GENERAL INFORMATION:

Formation: **Lans. Kc.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:30:45

Time Test Ended: 16:20:30

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: **4694.00 ft (KB) To 4961.00 ft (KB) (TVD)**

Total Depth: 4961.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2038.00 ft (KB)

2027.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Inside

Press@RunDepth: 206.91 psig @ 4946.00 ft (KB)

Start Date: 2006.10.24

End Date:

2006.10.24

Start Time: 06:29:16

End Time:

16:20:30

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2006.10.24 @ 09:30:30

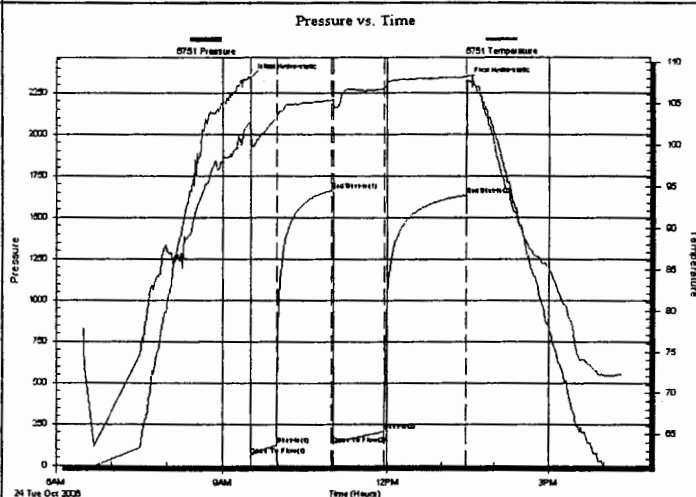
Time Off Btm: 2006.10.24 @ 13:28:15

TEST COMMENT: IF Good building blow BOB 21 min.

ISI No blow back

FF Good building blow BOB 42 min. NO GTS

FSI No blow back



PRESSURE SUMMARY

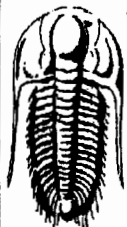
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.07	102.73	Initial Hydro-static
1	64.43	101.22	Open To Flow (1)
28	124.74	103.28	Shut-In (1)
88	1661.45	105.39	End Shut-In (1)
90	128.89	104.55	Open To Flow (2)
146	206.91	106.79	Shut-In (2)
238	1634.97	108.20	End Shut-In (2)
238	2318.23	108.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
460.00	5% Gas 45% Water 50% Mud	5.89

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26311 DST#: 1
Test Start: 2006.10.24 @ 06:29:15

Tool Information

Drill Pipe:	Length: 4634.00 ft	Diameter: 3.80 inches	Volume: 65.00 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:	25000.00 lb		
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	60000.00 lb		
			Total Volume:	65.30 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	60000.00 lb	Final	60000.00 lb
Depth to Top Packer:	4694.00 ft						
Depth to Bottom Packer:	ft						
Interval between Packers:	267.00 ft						
Tool Length:	295.00 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			4667.00	
Shut In Tool	5.00			4672.00	
Hydraulic tool	5.00			4677.00	
Jars	5.00			4682.00	
Safety Joint	3.00			4685.00	
Packer	5.00			4690.00	28.00 Bottom Of Top Packer
Packer	4.00			4694.00	
Stubb	1.00			4695.00	
Perforations	1.00			4696.00	
Change Over Sub	1.00			4697.00	
Drill Pipe	248.00			4945.00	
Change Over Sub	1.00			4946.00	
Recorder	0.00	6751	Inside	4946.00	
Perforations	11.00			4957.00	
Recorder	0.00	11018	Inside	4957.00	
Bullnose	4.00			4961.00	267.00 Bottom Packers & Anchor
Total Tool Length:	295.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26311

DST#: 1

ATTN: Jim Hall

Test Start: 2006.10.24 @ 06:29:15

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:

25000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.53 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
460.00	5%Gas 45%Water 50%Mud	5.888

Total Length: 460.00 ft

Total Volume: 5.888 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

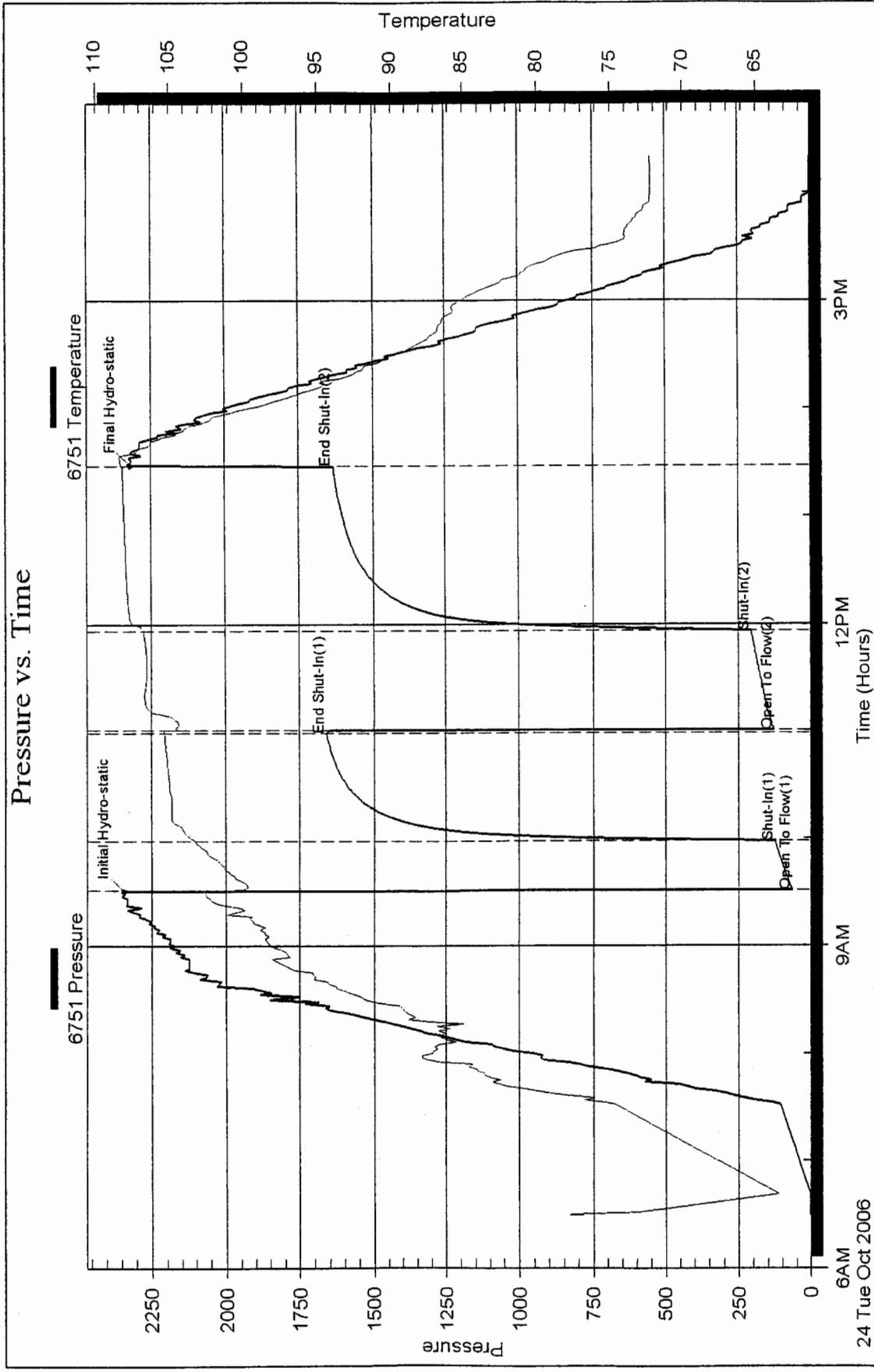
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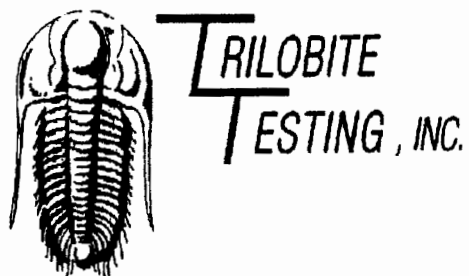
Inside

Daystar Petroleum

18 33 23 Clark KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.10.25 @ 13:45:05

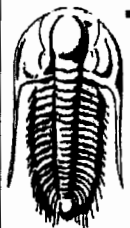
End Date: 2006.10.25 @ 21:47:20

Job Ticket #: 26312 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18

18 33 23 Clark KS

Job Ticket: 26312

DST#: 2

Test Start: 2006.10.25 @ 13:45:05

GENERAL INFORMATION:

Formation: **Pawnee**

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

Time Tool Opened: 16:16:50

Time Test Ended: 21:47:20

Test Type: **Conventional Bottom Hole**

Tester: **Harley Davidson**

Unit No: **33**

Interval: **5092.00 ft (KB) To 5130.00 ft (KB) (TVD)**

Total Depth: **5130.00 ft (KB) (TVD)**

Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2038.00 ft (KB)**

2027.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 6751

Inside

Press@RunDepth: **78.81 psig @ 5094.00 ft (KB)**

Start Date: **2006.10.25**

End Date:

2006.10.25

Start Time: **13:45:06**

End Time:

21:47:20

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Time On Btm: **2006.10.25 @ 16:16:35**

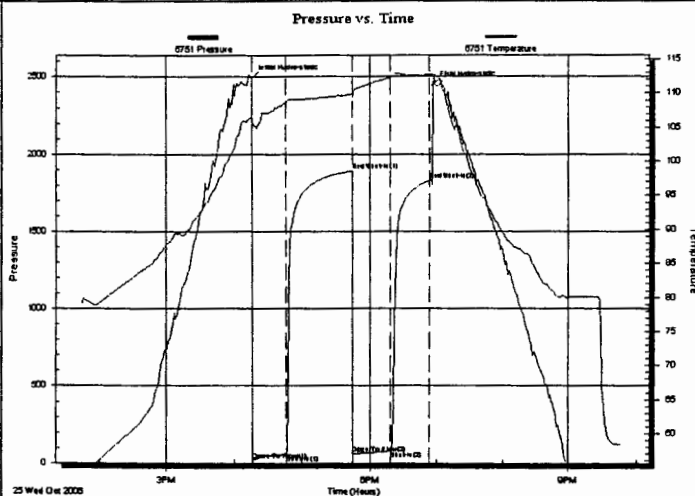
Time Off Btm: **2006.10.25 @ 18:56:05**

TEST COMMENT: IF Weak building 3 " in bucket

ISI No blow back

FF Weak building 2 " in bucket

FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2492.64	106.34	Initial Hydro-static
1	18.95	105.77	Open To Flow (1)
30	56.55	108.56	Shut-In(1)
88	1889.62	109.88	End Shut-In(1)
88	59.38	109.40	Open To Flow (2)
122	78.81	112.32	Shut-In(2)
157	1828.11	112.71	End Shut-In(2)
160	2445.48	112.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	trace of Gas 20%Mud 80%Water	1.19

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26312 **DST#: 2**
Test Start: 2006.10.25 @ 13:45:05

Tool Information

Drill Pipe:	Length: 5007.00 ft	Diameter: 3.80 inches	Volume: 70.24 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:	25000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 70.54 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	5092.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 ft				
Tool Length:	66.00 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			5065.00	
Shut In Tool	5.00			5070.00	
Hydraulic tool	5.00			5075.00	
Jars	5.00			5080.00	
Safety Joint	3.00			5083.00	
Packer	5.00			5088.00	28.00 Bottom Of Top Packer
Packer	4.00			5092.00	
Stubb	1.00			5093.00	
Perforations	1.00			5094.00	
Recorder	0.00	6751	Inside	5094.00	
Perforations	32.00			5126.00	
Recorder	0.00	11018	Inside	5126.00	
Bullnose	4.00			5130.00	38.00 Bottom Packers & Anchor
Total Tool Length:		66.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26312

DST#: 2

ATTN: Jim Hall

Test Start: 2006.10.25 @ 13:45:05

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: 36000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.15 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 11000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	trace of Gas 20%Mud 80%Water	1.189

Total Length: 125.00 ft

Total Volume: 1.189 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

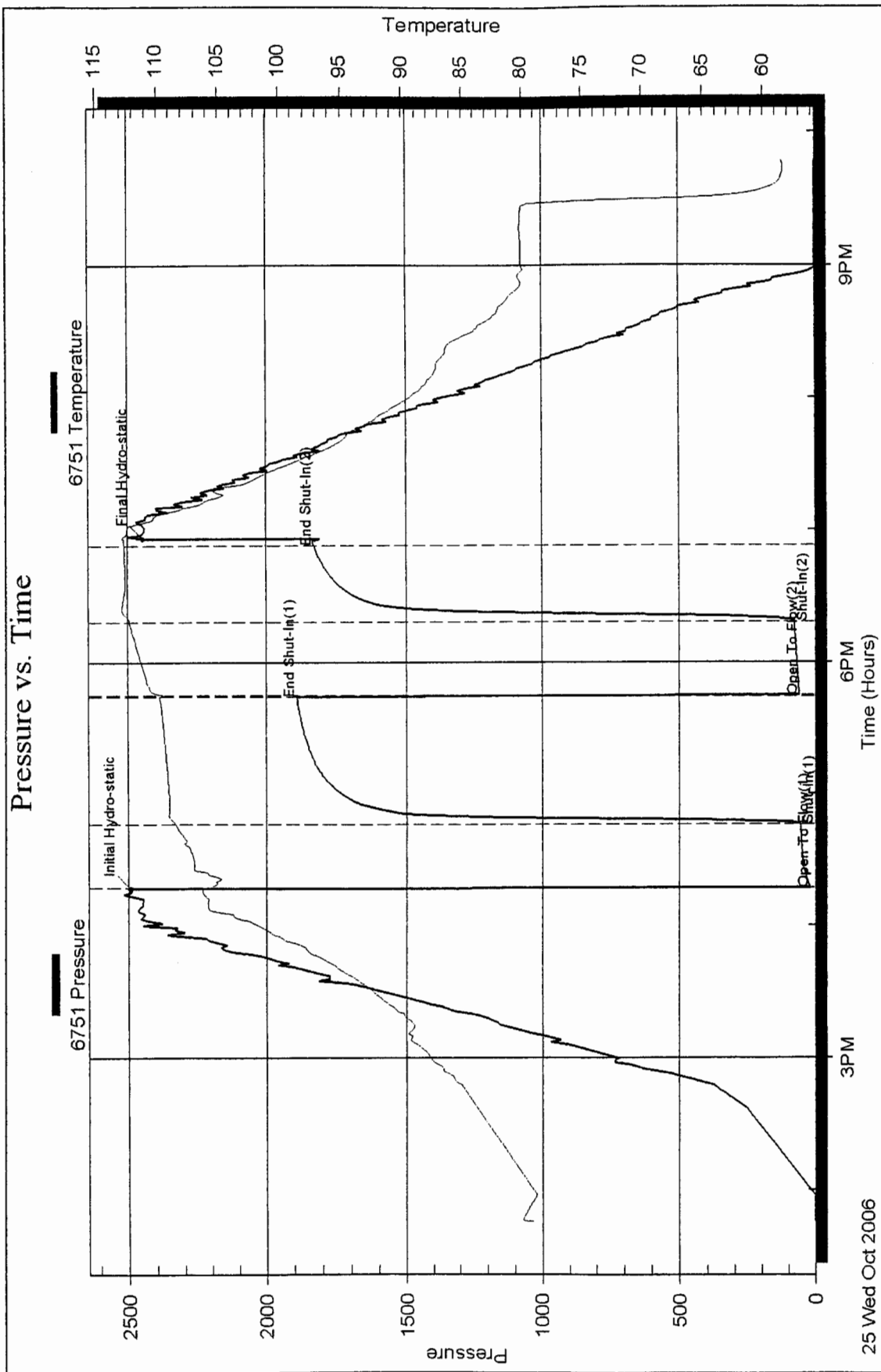
18 33 23 Clark KS

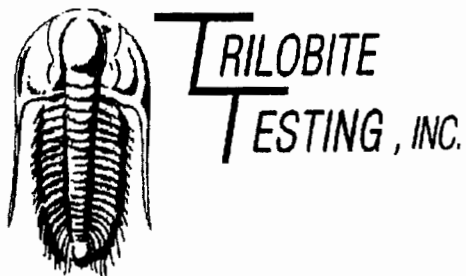
Daystar Petroleum

Inside

Serial #: 6751

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.10.29 @ 14:15:26

End Date: 2006.10.30 @ 03:01:11

Job Ticket #: 26313 DST #: 3

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147
ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26313 **DST#: 3**
Test Start: 2006.10.29 @ 14:15:26

GENERAL INFORMATION:

Formation: **Spergen**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:52:26
Time Test Ended: 03:01:11

Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33

Interval: **5994.00 ft (KB) To 6126.00 ft (KB) (TVD)**
Total Depth: 6126.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2038.00 ft (KB)
2027.00 ft (CF)
KB to GR/CF: 11.00 ft

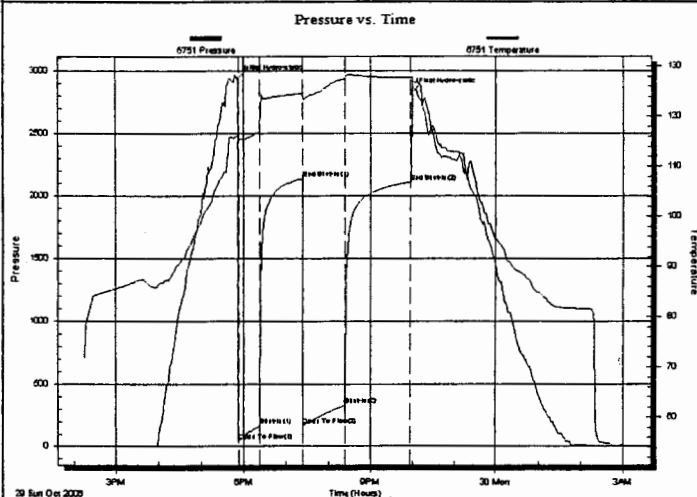
Serial #: 6751

Inside

Press@RunDepth: 326.52 psig @ 6091.00 ft (KB)
Start Date: 2006.10.29 End Date: 2006.10.30
Start Time: 14:15:27 End Time: 03:01:11

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2006.10.29 @ 17:51:41
Time Off Btm: 2006.10.29 @ 21:58:56

TEST COMMENT: IF Good building blow BOB 17 min.
ISI No blow back
FF Good building blow BOB 32 min. No GTS
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2942.77	116.05	Initial Hydro-static
1	40.35	115.49	Open To Flow (1)
31	162.05	117.13	Shut-In (1)
92	2137.34	124.59	End Shut-In (1)
93	167.53	124.00	Open To Flow (2)
151	326.52	127.51	Shut-In (2)
245	2111.10	127.73	End Shut-In (2)
248	2832.21	127.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	5%Water 95%Mud	0.30
588.00	15%Mud 85%Water	8.25

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26313 DST#: 3
Test Start: 2006.10.29 @ 14:15:26

Tool Information

Drill Pipe:	Length: 5921.00 ft	Diameter: 3.80 inches	Volume: 83.06 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:	25000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	72000.00 lb
		Total Volume:	83.36 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	5994.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	132.00 ft				
Tool Length:	160.00 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			5967.00	
Shut In Tool	5.00			5972.00	
Hydraulic tool	5.00			5977.00	
Jars	5.00			5982.00	
Safety Joint	3.00			5985.00	
Packer	5.00			5990.00	28.00 Bottom Of Top Packer
Packer	4.00			5994.00	
Stubb	1.00			5995.00	
Perforations	1.00			5996.00	
Change Over Sub	1.00			5997.00	
Drill Pipe	93.00			6090.00	
Change Over Sub	1.00			6091.00	
Recorder	0.00	6751	Inside	6091.00	
Perforations	31.00			6122.00	
Recorder	0.00	11018	Inside	6122.00	
Bullnose	4.00			6126.00	132.00 Bottom Packers & Anchor
Total Tool Length:		160.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26313

DST#: 3

ATTN: Jim Hall

Test Start: 2006.10.29 @ 14:15:26

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:

60000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.75 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	5%Water 95%Mud	0.305
588.00	15%Mud 85%Water	8.248

Total Length: 650.00 ft

Total Volume: 8.553 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 3

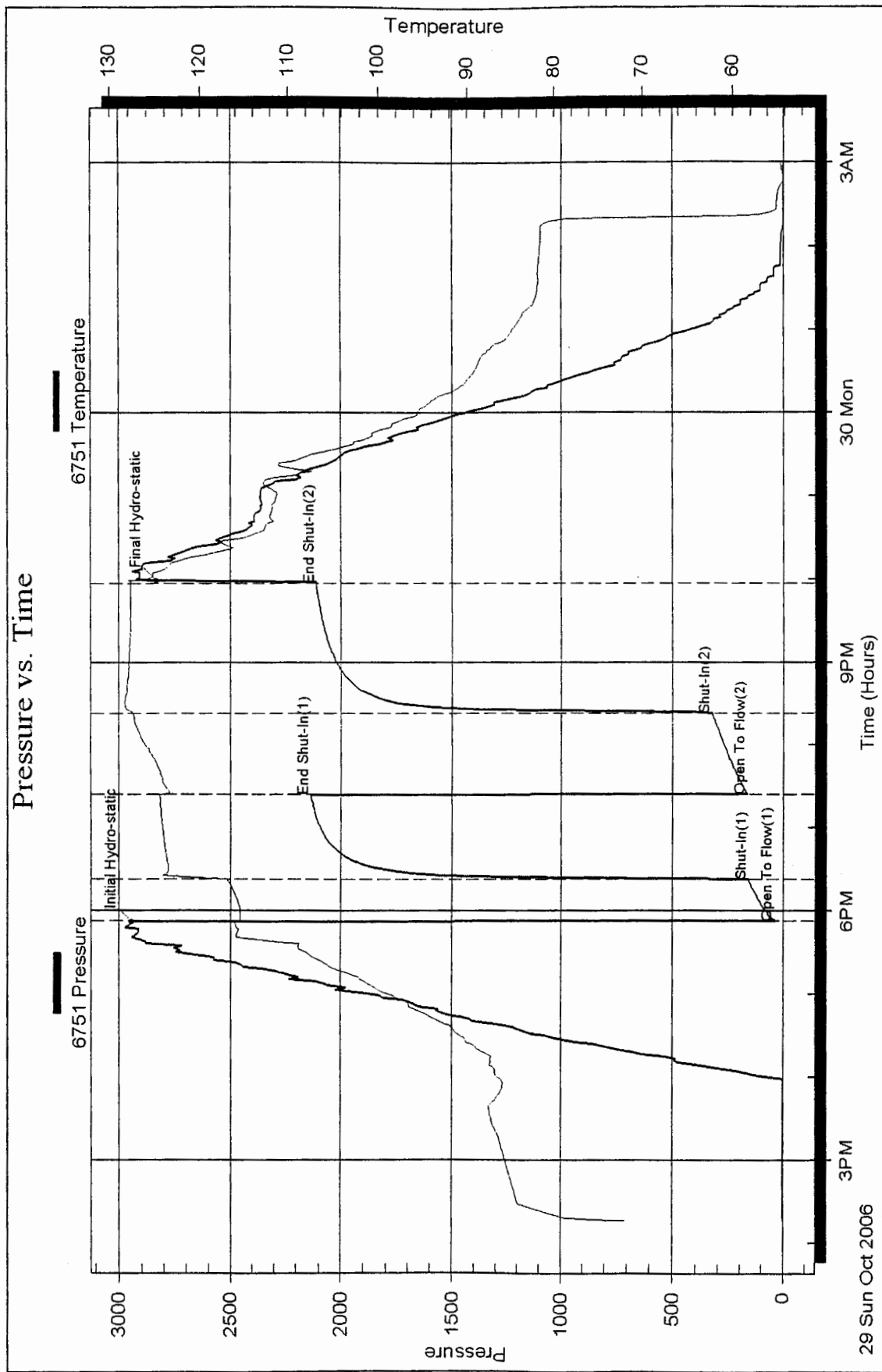
18 33 23 Clark KS

Daystar Petroleum

Inside

Serial #: 6751

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.11.01 @ 23:30:34

End Date: 2006.11.02 @ 10:56:19

Job Ticket #: 26315 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

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147
ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26315 DST#: 4
Test Start: 2006.11.01 @ 23:30:34

GENERAL INFORMATION:

Formation: **Viola**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 03:54:04
Time Test Ended: 10:56:19

Test Type: **Conventional Bottom Hole**
Tester: **Harley Davidson**
Unit No: **33**

Interval: **6730.00 ft (KB) To 6785.00 ft (KB) (TVD)**
Total Depth: **6785.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: **Fair**

Reference Elevations: **2038.00 ft (KB)**
2027.00 ft (CF)
KB to GR/CF: **11.00 ft**

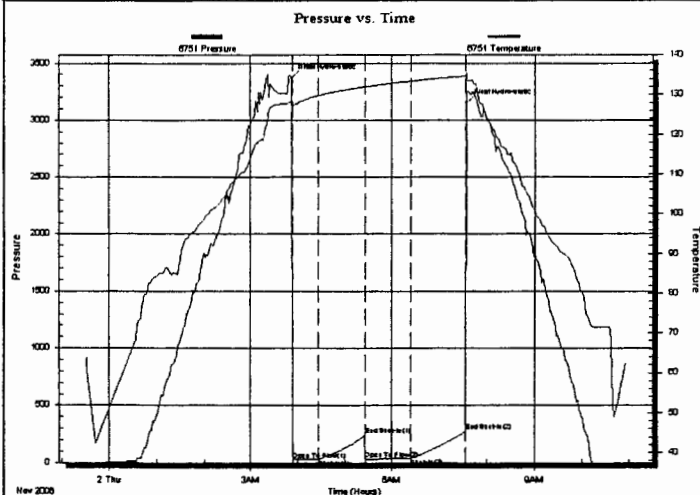
Serial #: 6751

Inside

Press@RunDepth: **37.23 psig @ 6765.00 ft (KB)**
Start Date: **2006.11.01** End Date: **2006.11.02**
Start Time: **23:30:35** End Time: **10:56:19**

Capacity: **7000.00 psig**
Last Calib.: **1899.12.30**
Time On Btm: **2006.11.02 @ 03:53:19**
Time Off Btm: **2006.11.02 @ 07:33:49**

TEST COMMENT: IF Weak blow built to 2" in bucket
ISI No blow back
FF Weak blow built to 5" in bucket
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3369.55	128.02	Initial Hydro-static
1	24.58	127.13	Open To Flow (1)
33	30.40	129.71	Shut-In (1)
93	244.46	131.94	End Shut-In (1)
93	29.10	131.90	Open To Flow (2)
151	37.23	133.38	Shut-In (2)
220	276.49	134.66	End Shut-In (2)
221	3151.39	135.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP	0.00
62.00	100%Mud w/scum of Oil	0.30

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26315 DST#: 4
Test Start: 2006.11.01 @ 23:30:34

Tool Information

Drill Pipe:	Length: 6650.00 ft	Diameter: 3.80 inches	Volume: 93.28 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:	2500.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	93.58 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	6730.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	83.00 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			6703.00	
Shut In Tool	5.00			6708.00	
Hydraulic tool	5.00			6713.00	
Jars	5.00			6718.00	
Safety Joint	3.00			6721.00	
Packer	5.00			6726.00	28.00 Bottom Of Top Packer
Packer	4.00			6730.00	
Stubb	1.00			6731.00	
Perforations	1.00			6732.00	
Change Over Sub	1.00			6733.00	
Drill Pipe	31.00			6764.00	
Change Over Sub	1.00			6765.00	
Recorder	0.00	6751	Inside	6765.00	
Perforations	16.00			6781.00	
Recorder	0.00	11018	Inside	6781.00	
Bullnose	4.00			6785.00	55.00 Bottom Packers & Anchor
Total Tool Length:		83.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26315

DST#: 4

ATTN: Jim Hall

Test Start: 2006.11.01 @ 23:30:34

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: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP	0.000
62.00	100%Mud w/scum of Oil	0.305

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

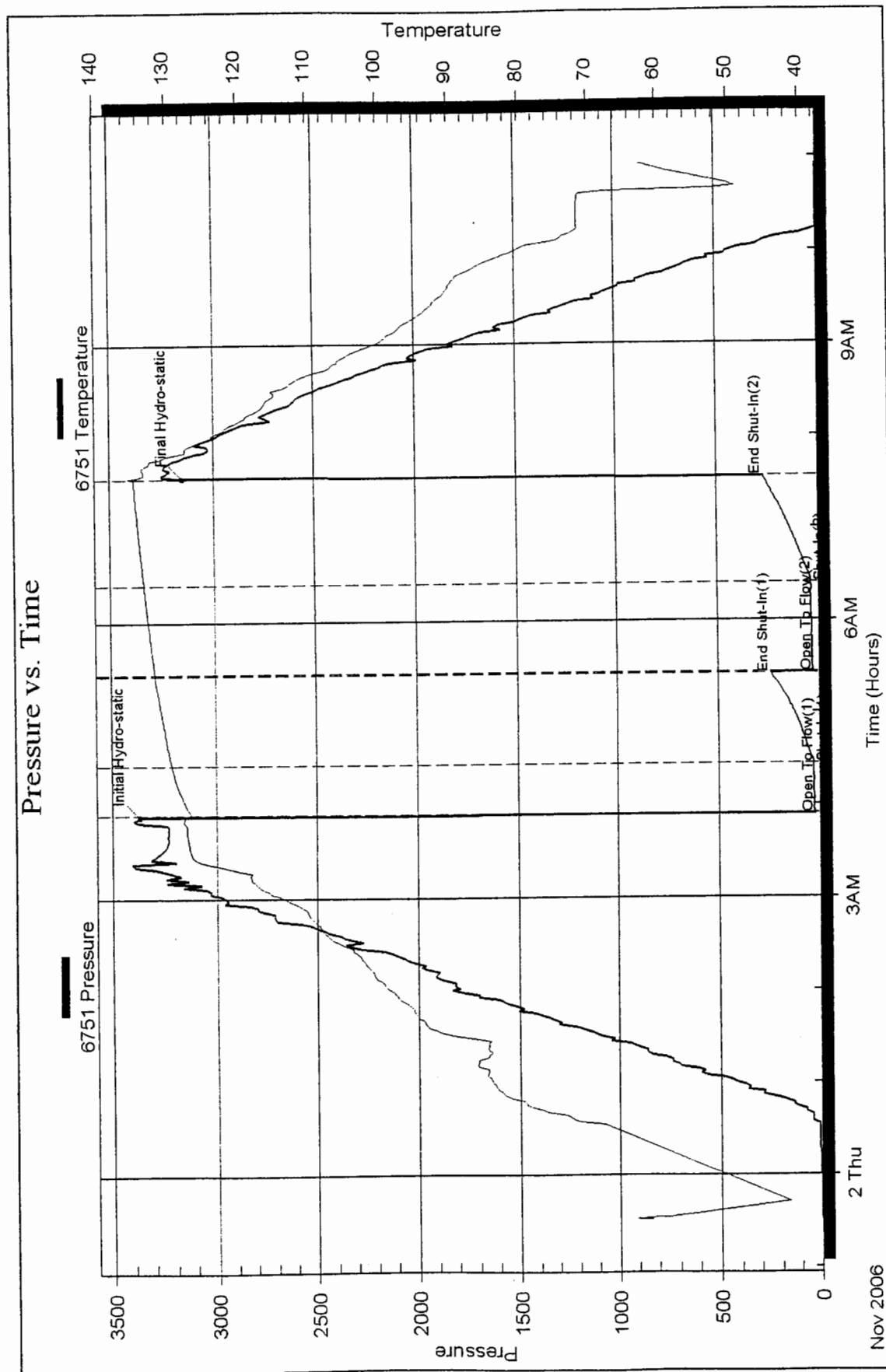
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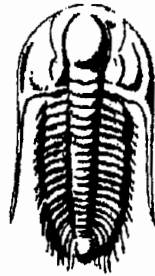
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.11.03 @ 05:30:31

End Date: 2006.11.03 @ 13:30:01

Job Ticket #: 26317 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147
ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26317 DST#: 5
Test Start: 2006.11.03 @ 05:30:31

GENERAL INFORMATION:

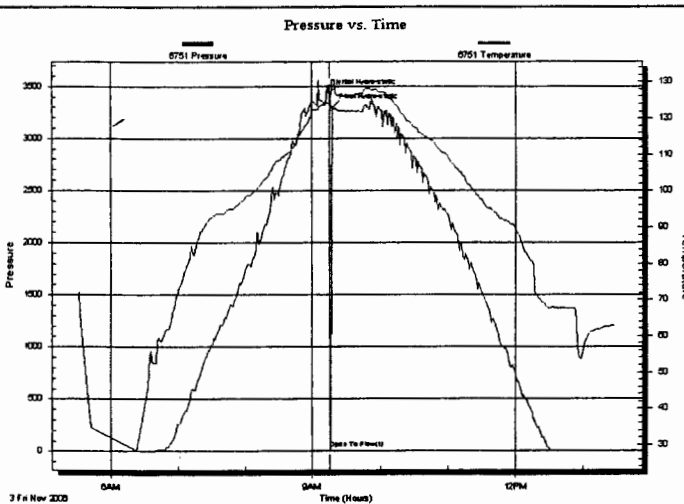
Formation: **Viola**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 09:15:16
Time Test Ended: 13:30:01
Interval: **6781.00 ft (KB) To 6871.00 ft (KB) (TVD)**
Total Depth: **6871.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **Harley Davidson**
Unit No: **33**
Reference Elevations: **2038.00 ft (KB)**
2027.00 ft (CF)
KB to GR/CF: **11.00 ft**

Serial #: 6751

Inside

Press@RunDepth: psig @ **6845.00 ft (KB)**
Start Date: **2006.11.03** End Date: **2006.11.03** Capacity: **7000.00 psig**
Start Time: **05:30:32** End Time: **13:30:01** Last Calib.: **1899.12.30**
Time On Btm: **2006.11.03 @ 09:15:01**
Time Off Btm: **2006.11.03 @ 09:17:46**

TEST COMMENT: IF Packers held for 5 min. and failed



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3436.63	124.00	Initial Hydro-static
1	26.12	122.69	Open To Flow (1)
3	3297.44	130.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
560.00	100%Mud	7.29

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18

18 33 23 Clark KS

Job Ticket: 26317

DST#: 5

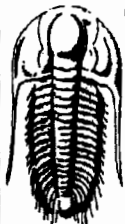
Test Start: 2006.11.03 @ 05:30:31

Tool Information

Drill Pipe:	Length: 6706.00 ft	Diameter: 3.80 inches	Volume: 94.07 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: 25000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 94.37 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	6781.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	90.00 ft			
Tool Length:	118.00 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			6754.00	
Shut In Tool	5.00			6759.00	
Hydraulic tool	5.00			6764.00	
Jars	5.00			6769.00	
Safety Joint	3.00			6772.00	
Packer	5.00			6777.00	28.00 Bottom Of Top Packer
Packer	4.00			6781.00	
Stubb	1.00			6782.00	
Perforations	1.00			6783.00	
Drill Pipe	62.00			6845.00	
Recorder	0.00	6751	Inside	6845.00	
Perforations	22.00			6867.00	
Recorder	0.00	11018	Inside	6867.00	
Bullnose	4.00			6871.00	90.00 Bottom Packers & Anchor
Total Tool Length:		118.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26317

DST#: 5

ATTN: Jim Hall

Test Start: 2006.11.03 @ 05:30:31

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
560.00	100%Mud	7.291

Total Length: 560.00 ft

Total Volume: 7.291 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

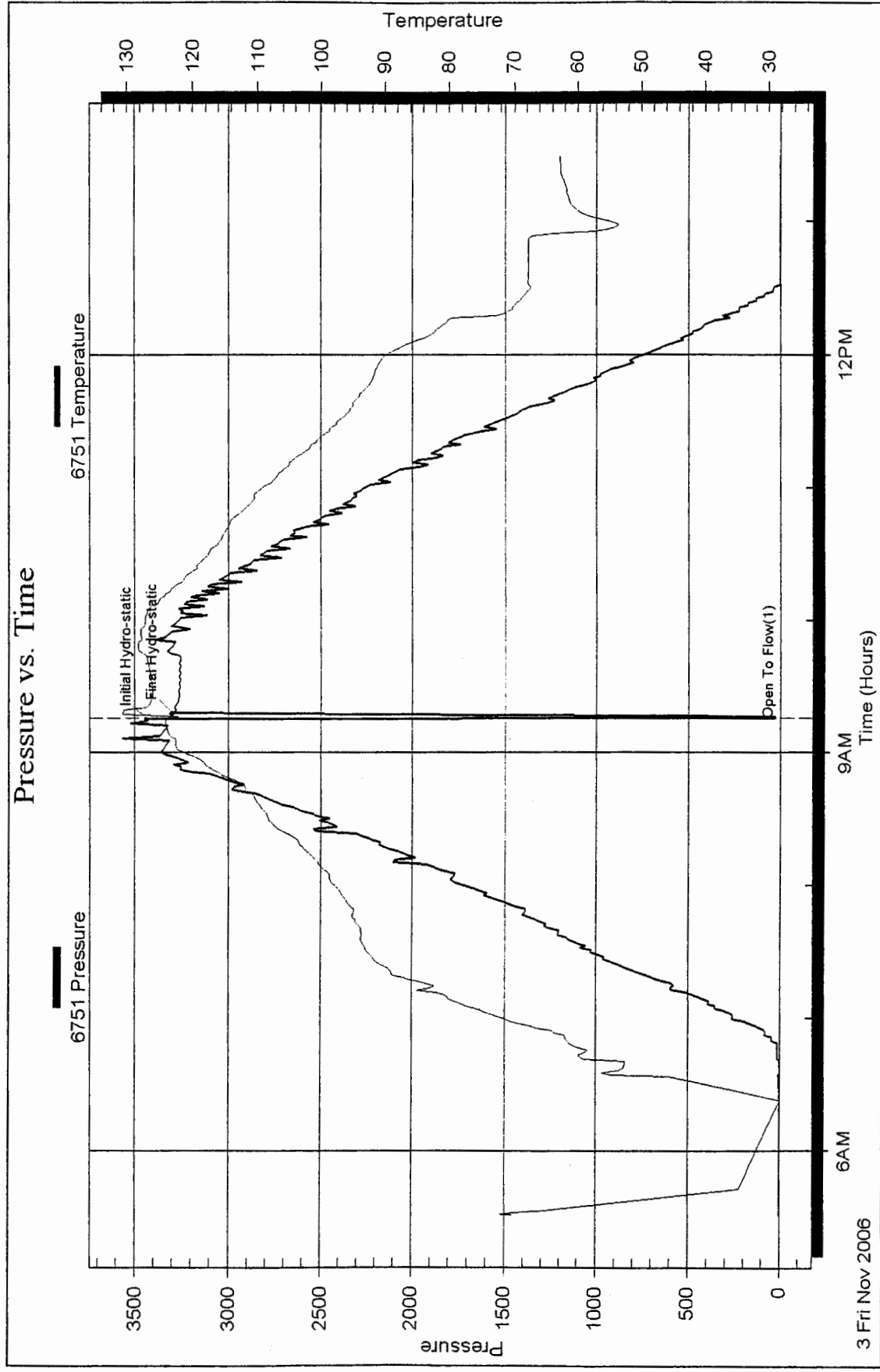
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.11.03 @ 14:00:22

End Date: 2006.11.03 @ 21:45:22

Job Ticket #: 26316 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Daystar Petroleum

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18

18 33 23 Clark KS

Job Ticket: 26316

DST#: 6

Test Start: 2006.11.03 @ 14:00:22

GENERAL INFORMATION:

Formation: Viola

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:18:22

Time Test Ended: 21:45:22

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 6771.00 ft (KB) To 6871.00 ft (KB) (TVD)

Total Depth: 6871.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Reference Elevations: 2038.00 ft (KB)

2027.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Inside

Press@RunDepth: psig @ 6836.00 ft (KB)

Start Date: 2006.11.03

End Date:

2006.11.03

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 14:00:23

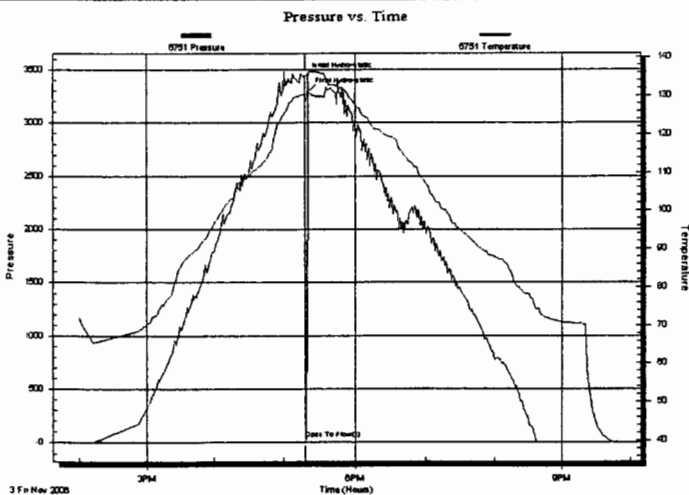
End Time:

21:45:22

Time On Btm: 2006.11.03 @ 17:18:07

Time Off Btm: 2006.11.03 @ 17:20:37

TEST COMMENT: IF Packers held for about 3 min and failed



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3435.98	130.32	Initial Hydro-static
1	32.66	129.15	Open To Flow (1)
3	3296.54	136.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
440.00	100% Mud	5.61

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26316

DST#: 6

ATTN: Jim Hall

Test Start: 2006.11.03 @ 14:00:22

Tool Information

Drill Pipe:	Length: 6706.00 ft	Diameter: 3.80 inches	Volume: 94.07 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: 25000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 94.37 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	6771.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	128.00 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			6744.00	
Shut In Tool	5.00			6749.00	
Hydraulic tool	5.00			6754.00	
Jars	5.00			6759.00	
Safety Joint	3.00			6762.00	
Packer	5.00			6767.00	28.00 Bottom Of Top Packer
Packer	4.00			6771.00	
Stubb	1.00			6772.00	
Perforations	1.00			6773.00	
Drill Pipe	62.00			6835.00	
Change Over Sub	1.00			6836.00	
Recorder	0.00	6751	Inside	6836.00	
Perforations	31.00			6867.00	
Recorder	0.00	11018	Inside	6867.00	
Bullnose	4.00			6871.00	100.00 Bottom Packers & Anchor

Total Tool Length: 128.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26316

DST#: 6

ATTN: Jim Hall

Test Start: 2006.11.03 @ 14:00:22

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: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
440.00	100% Mud	5.607

Total Length: 440.00 ft Total Volume: 5.607 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 6

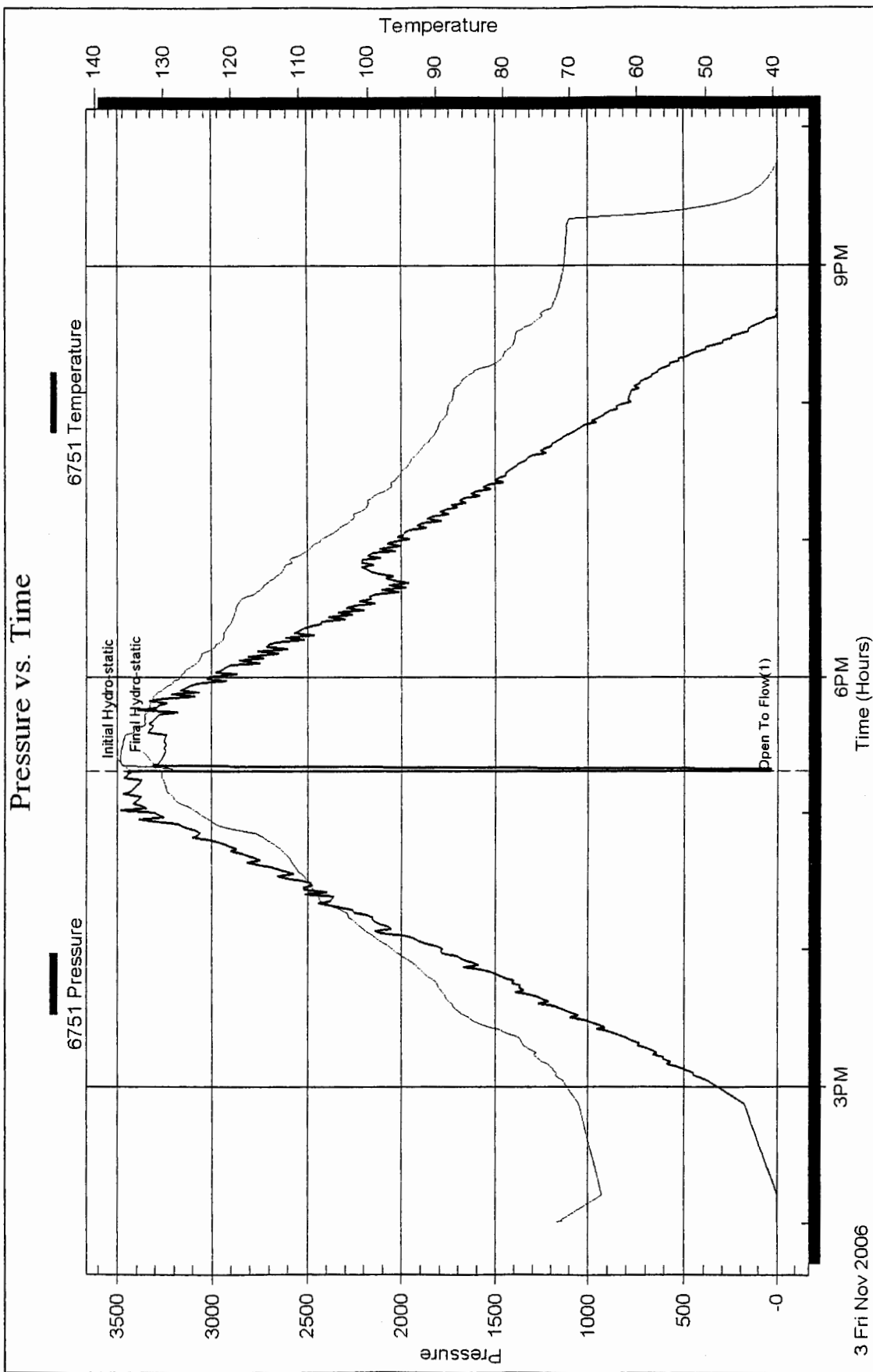
18 33 23 Clark KS

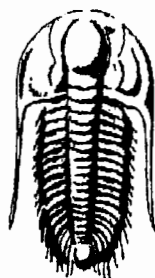
Daystar Petroleum

Inside

Serial #: 6751

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Daystar Petroleum**

1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

18 33 23 Clark KS

Rhodes A 1-18

Start Date: 2006.11.05 @ 08:48:14

End Date: 2006.11.05 @ 19:04:44

Job Ticket #: 26318

DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147
ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26318 DST#: 7
Test Start: 2006.11.05 @ 08:48:14

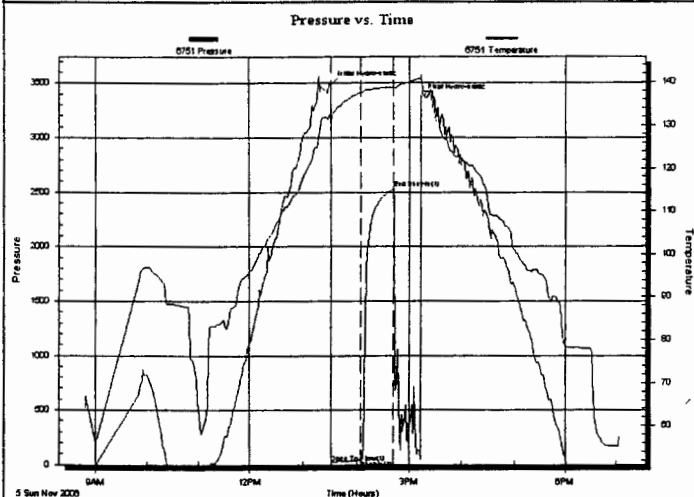
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:30:59
Time Test Ended: 19:04:44
Interval: **6997.00 ft (KB) To 7012.00 ft (KB) (TVD)**
Total Depth: 7012.00 ft (KB) (TVD)
Hole Diameter: 7.78 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Harley Davidson
Unit No: 33
Reference Elevations: 2038.00 ft (KB)
2027.00 ft (CF)
KB to GRVCF: 11.00 ft

Serial #: 6751

Press@RunDepth: 41.46 psig @ ft (KB)
Start Date: 2006.11.05 End Date: 2006.11.05
Start Time: 08:48:15 End Time: 19:04:44
Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2006.11.05 @ 13:30:44
Time Off Btm: 2006.11.05 @ 15:13:29

TEST COMMENT: IF Weak surface blow 1/2 into bucket
ISI No return blow
FF Weak surface blow
FSI No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3489.08	132.57	Initial Hydro-static
1	20.16	130.72	Open To Flow (1)
34	41.46	137.63	Shut-In(1)
72	2528.40	138.84	End Shut-In(1)
103	3362.61	141.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	100%Mud	1.12

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Daystar Petroleum
1321 W 93rd St N
Valley Center KS 67147

ATTN: Jim Hall

Rhodes A 1-18
18 33 23 Clark KS
Job Ticket: 26318 DST#: 7
Test Start: 2006.11.05 @ 08:48:14

Tool Information

Drill Pipe:	Length: 6928.00 ft	Diameter: 3.80 inches	Volume: 97.18 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:	25000.00 lb
Drill Collar:	Length: 62.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	97.48 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	6997.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	43.00 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			6970.00	
Shut In Tool	5.00			6975.00	
Hydraulic tool	5.00			6980.00	
Jars	5.00			6985.00	
Safety Joint	3.00			6988.00	
Packer	5.00			6993.00	28.00 Bottom Of Top Packer
Packer	4.00			6997.00	
Stubb	1.00			6998.00	
Perforations	2.00			7000.00	
Recorder	0.00	6751	Inside	7000.00	
Perforations	8.00			7008.00	
Recorder	0.00	11018	Inside	7008.00	
Bullnose	4.00			7012.00	15.00 Bottom Packers & Anchor

Total Tool Length: 43.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum

Rhodes A 1-18

1321 W 93rd St N
Valley Center KS 67147

18 33 23 Clark KS

Job Ticket: 26318

DST#: 7

ATTN: Jim Hall

Test Start: 2006.11.05 @ 08:48:14

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: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	100%Mud	1.118

Total Length: 120.00 ft

Total Volume: 1.118 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

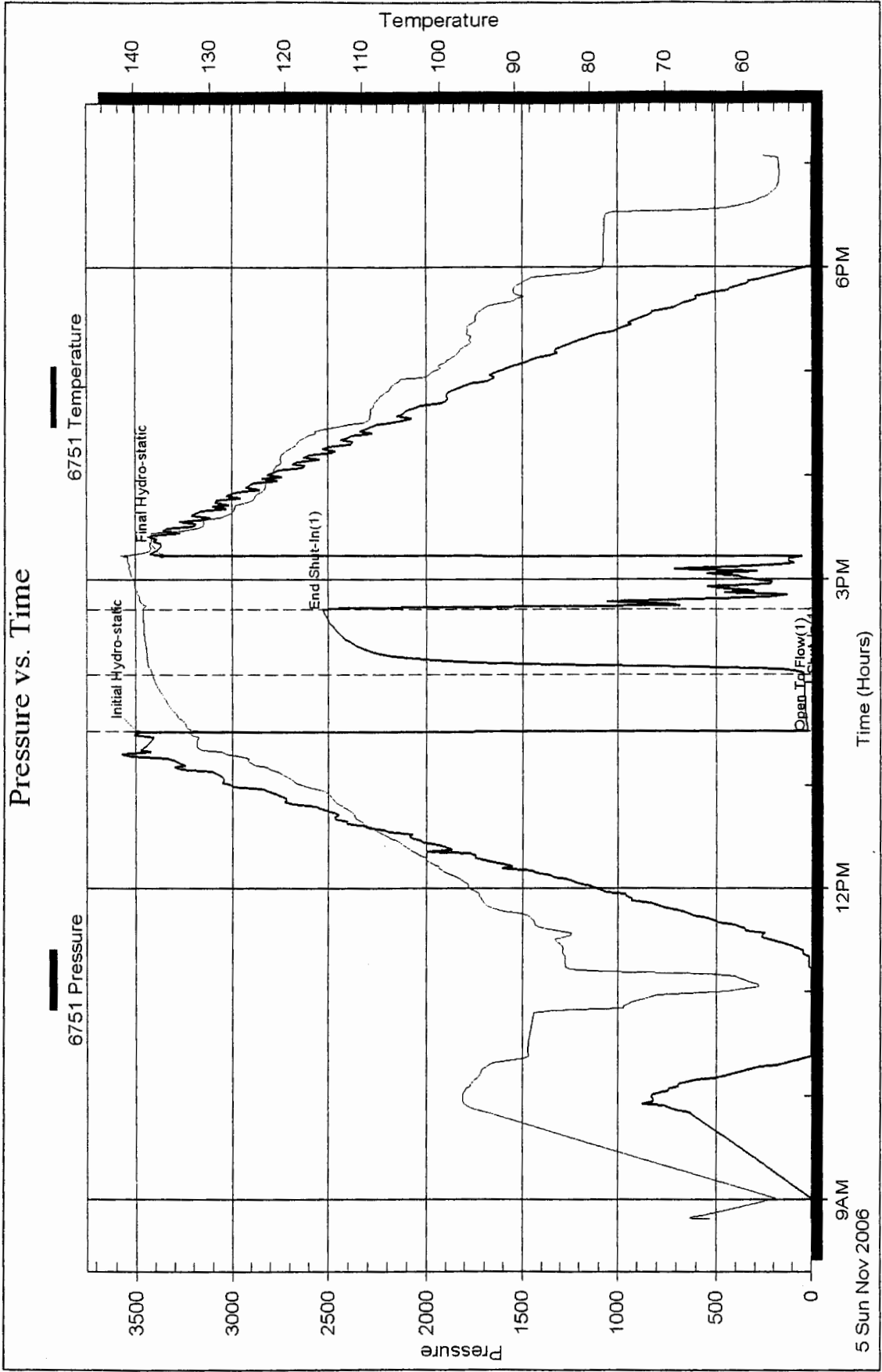
Serial #: 6751

Daystar Petroleum

18 33 23 Clark KS

DST Test Number: 7

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 26318

Printed: 2006.11.08 @ 13:17:23 Page 5