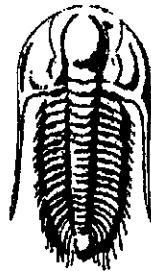


15-051-25266-0000

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TRILOBITE
TESTING, INC.

ORIGINAL

DRILL STEM TEST REPORT

Prepared For: **John H. Shaida**

4126 Sweet Bay Circle
Wichita, KS. 67226

ATTN: Brad Hutchison

35-12s-16w-Ellis

Sitz "C"

Start Date: 2003.11.13 @ 05:37:06

End Date: 2003.11.13 @ 12:02:21

Job Ticket #: 18451

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

John H. Shaida

Sitz "C"

35-12s-16w-Ellis

DST # 1

80-90

2003.11.13

101036

0000-00000-120-11


TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

John H. Shaide

4126 Sweet Bay Circle
Wichita, KS. 67226

ATTN: Brad Hutchison

Sitz "C"

35-12s-16w-Ellis

Job Ticket: 18451

DST#: 1

Test Start: 2003.11.13 @ 05:37:06

GENERAL INFORMATION:

Formation: 80-90

Deviated: No Whipstock: 100 ft (KB)

Time Tool Opened: 07:27:06

Time Test Ended: 12:02:21

Interval: 3254.00 ft (KB) To 3310.00 ft (KB) (TVD)

Total Depth: 3310.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Reference Elevations: 1990.00 ft (KB)

1985.00 ft (CF)

KB to GR/CF: 5.00 ft

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Serial #: 6627

Inside

Press@RunDepth: 87.24 psig @ 3260.00 ft (KB)

Start Date: 2003.11.13

End Date:

2003.11.13

Start Time: 05:37:21

End Time:

12:02:21

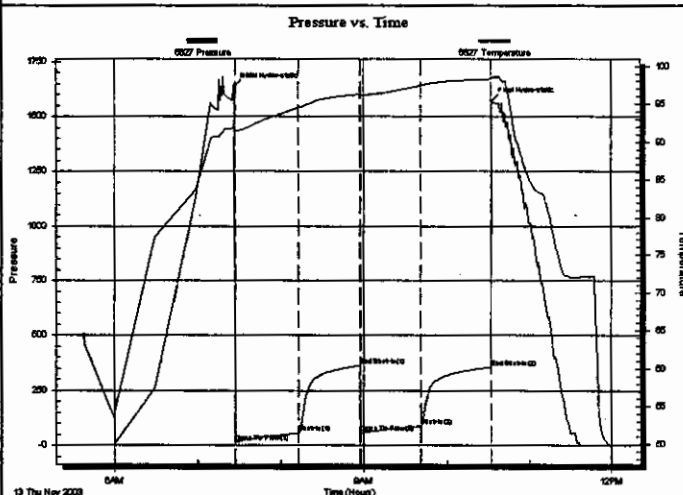
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.11.13 @ 07:26:51

Time Off Btm: 2003.11.13 @ 10:32:51

TEST COMMENT: IFP- Good Blow, Built to 8-1/2", No Blow back
 FFP- Fair Blow, Built to 5-1/2", No Blow back



PRESSURE SUMMARY

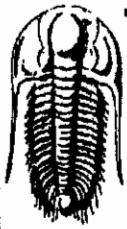
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.18	91.83	Initial Hydro-static
1	15.90	91.42	Open To Flow (1)
47	55.58	94.54	Shut-in(1)
91	363.40	96.28	End Shut-in(1)
91	58.44	96.11	Open To Flow (2)
135	87.24	97.45	Shut-in(2)
186	355.44	98.27	End Shut-in(2)
186	1570.22	98.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil Cut Muddy Water, 2% oil, 28% w tr, 70% r 0.14	
140.00	Muddy Water 95% w tr, 5% mud	1.96

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

John H. Shaida

Sitz "C"

4126 Sweet Bay Circle
Wichita, KS. 67226

35-12s-16w-Ellis

Job Ticket: 18451

DST#: 1

ATTN: Brad Hutchison

Test Start: 2003.11.13 @ 05:37:06

Tool Information

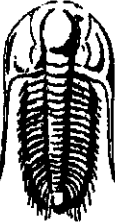
Drill Pipe:	Length: 3263.00 ft	Diameter: 3.80 inches	Volume: 45.77 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 36000.00 lb
			Total Volume: 45.77 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 33000.00 lb
Depth to Top Packer:	3254.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3234.00	
Shut In Tool	5.00			3239.00	
Hydraulic tool	5.00			3244.00	
Packer	5.00			3249.00	21.00 Bottom Of Top Packer
Packer	5.00			3254.00	
Stubb	1.00			3255.00	
Perforations	4.00			3259.00	
Change Over Sub	1.00			3260.00	
Recorder	0.00	6627	Inside	3260.00	
Blank Spacing	31.00			3291.00	
Change Over Sub	1.00			3292.00	
Perforations	15.00			3307.00	
Recorder	0.00	13252	Outside	3307.00	
Bullnose	3.00			3310.00	56.00 Bottom Packers & Anchor
Total Tool Length:		77.00			

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY									
	John H. Shaida 4126 Sweet Bay Circle Wichita, KS. 67226 ATTN: Brad Hutchison		Sitz "C" 35-12s-16w-Ellis Job Ticket: 18451 DST#: 1 Test Start: 2003.11.13 @ 05:37:06									
Mud and Cushion Information												
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 47.00 sec/qt Water Loss: 10.38 in ³ Resistivity: ohm.m Salinity: 14000.00 ppm Filter Cake: inches		Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psig Oil API: deg API Water Salinity: 41000 ppm										
Recovery Information												
Recovery Table												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Length ft</th> <th style="width: 60%;">Description</th> <th style="width: 25%;">Volume bbl</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">10.00</td> <td>Oil Cut Muddy Water, 2% oil, 28% wtr, 70% mud</td> <td style="text-align: center;">0.140</td> </tr> <tr> <td style="text-align: center;">140.00</td> <td>Muddy Water 95% wtr, 5% mud</td> <td style="text-align: center;">1.964</td> </tr> </tbody> </table>				Length ft	Description	Volume bbl	10.00	Oil Cut Muddy Water, 2% oil, 28% wtr, 70% mud	0.140	140.00	Muddy Water 95% wtr, 5% mud	1.964
Length ft	Description	Volume bbl										
10.00	Oil Cut Muddy Water, 2% oil, 28% wtr, 70% mud	0.140										
140.00	Muddy Water 95% wtr, 5% mud	1.964										
Total Length: 150.00 ft		Total Volume: 2.104 bbl										
Num Fluid Samples: 0		Num Gas Bombs: 0 Serial #:										
Laboratory Name:		Laboratory Location:										
Recovery Comments:												

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DST Test Number: 1

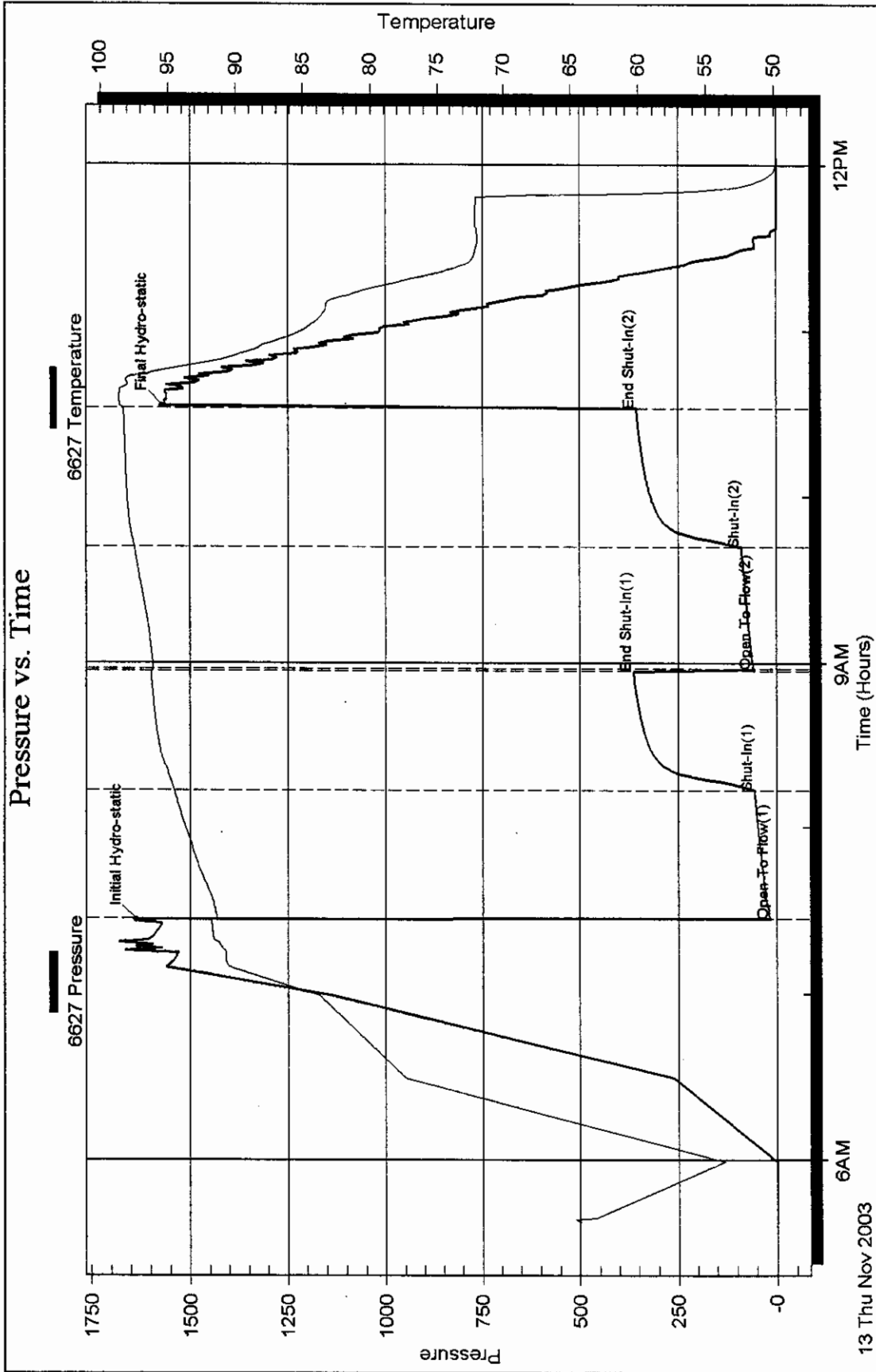
35-12s-16w-Ellis

John H. Shaiba

Inside

Serial #: 6627

Pressure vs. Time

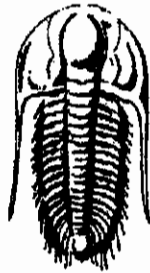


Ref. No: 18451

Trilobite Testing, Inc

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **John H. Shaida**

4126 Sweet Bay Circle
Wichita, KS. 67226

ATTN: Brad Hutchison

35-12s-16w-Ellis

Sitz "C"

Start Date: 2003.11.14 @ 05:07:07

End Date: 2003.11.14 @ 11:50:37

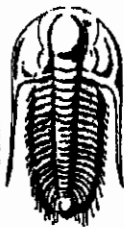
Job Ticket #: 18452 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

0000-83822-120-21


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John H. Shaiba

Sitz "C"

4126 Sweet Bay Circle
Wichita, KS. 67226

35-12s-16w-Ellis

Job Ticket: 18452

DST#: 2

ATTN: Brad Hutchison

Test Start: 2003.11.14 @ 05:07:07

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:22:07

Time Test Ended: 11:50:37

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 24

Interval: 3463.00 ft (KB) To 3476.00 ft (KB) (TVD)

Total Depth: 3476.00 ft (KB) (TVD)

Hole Diameter: 6.80 inches Hole Condition: Good

Reference Elevations: 1990.00 ft (KB)

1985.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6627

Inside

Press@RunDepth: 16.38 psig @ 3468.00 ft (KB)

Start Date: 2003.11.14

End Date:

2003.11.14

Start Time: 05:07:22

End Time:

11:50:37

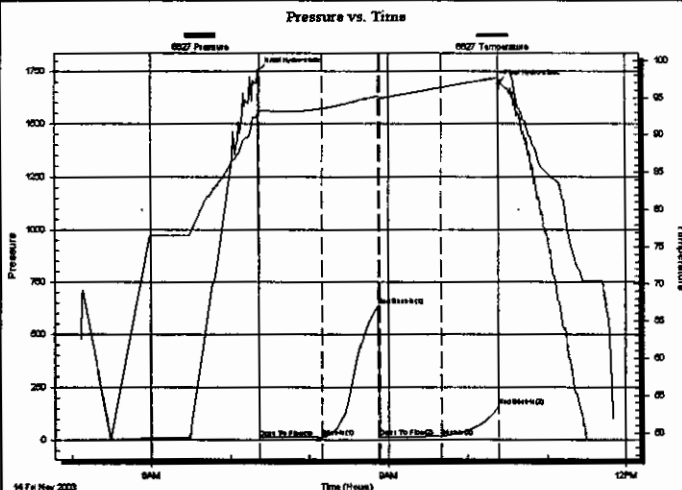
Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Time On Btm: 2003.11.14 @ 07:21:52

Time Off Btm: 2003.11.14 @ 10:23:22

TEST COMMENT: IFP-Weak Blow, Built to 3/4", No Blow back
FFP- Initial Blow, Then Died



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.92	93.33	Initial Hydro-static
1	11.61	92.71	Open To Flow (1)
49	14.38	93.49	Shut-In (1)
91	635.48	95.21	End Shut-In (1)
92	15.40	94.91	Open To Flow (2)
138	16.38	96.32	Shut-In (2)
182	159.08	97.69	End Shut-In (2)
182	1691.13	98.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil Specked Mud	0.14

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

John H. Shaida

Sitz "C"

4126 Sweet Bay Circle
Wichita, KS. 67226

35-12s-16w-Ellis

Job Ticket: 18452

DST#: 2

ATTN: Brad Hutchison

Test Start: 2003.11.14 @ 05:07:07

Tool Information

Drill Pipe:	Length: 3450.00 ft	Diameter: 3.80 inches	Volume: 48.39 bbl	Tool Weight: 18000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 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: 40000.00 lb
		Total Volume: 48.39 bbl	Tool Chased 0.00 ft	
Drill Pipe Above KB:	7.00 ft		String Weight: Initial 33000.00 lb	
Depth to Top Packer:	3463.00 ft		Final 33000.00 lb	
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3448.00	
Hydraulic tool	5.00			3453.00	
Packer	5.00			3458.00	20.00 Bottom Of Top Packer
Packer	5.00			3463.00	
Stubb	1.00			3464.00	
Perforations	4.00			3468.00	
Recorder	0.00	6627	Inside	3468.00	
Perforations	5.00			3473.00	
Recorder	0.00	13252	Outside	3473.00	
Bullnose	3.00			3476.00	13.00 Bottom Packers & Anchor
Total Tool Length:	33.00				

101036

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	John H. Shaida		Sitz "C"
	4126 Sweet Bay Circle Wichita, KS. 67226		35-12s-16w-Ellis
	ATTN: Brad Hutchison		Job Ticket: 18452 DST#: 2 Test Start: 2003.11.14 @ 05:07:07

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight: lb/gal Viscosity: 48.00 sec/qt Water Loss: 9.99 in ³ Resistivity: ohm.m Salinity: 14000.00 ppm Filter Cake: inches	Cushion Type: Cushion Length: ft Cushion Volume: bbl Gas Cushion Type: Gas Cushion Pressure: psig	Oil API: deg API Water Salinity: ppm
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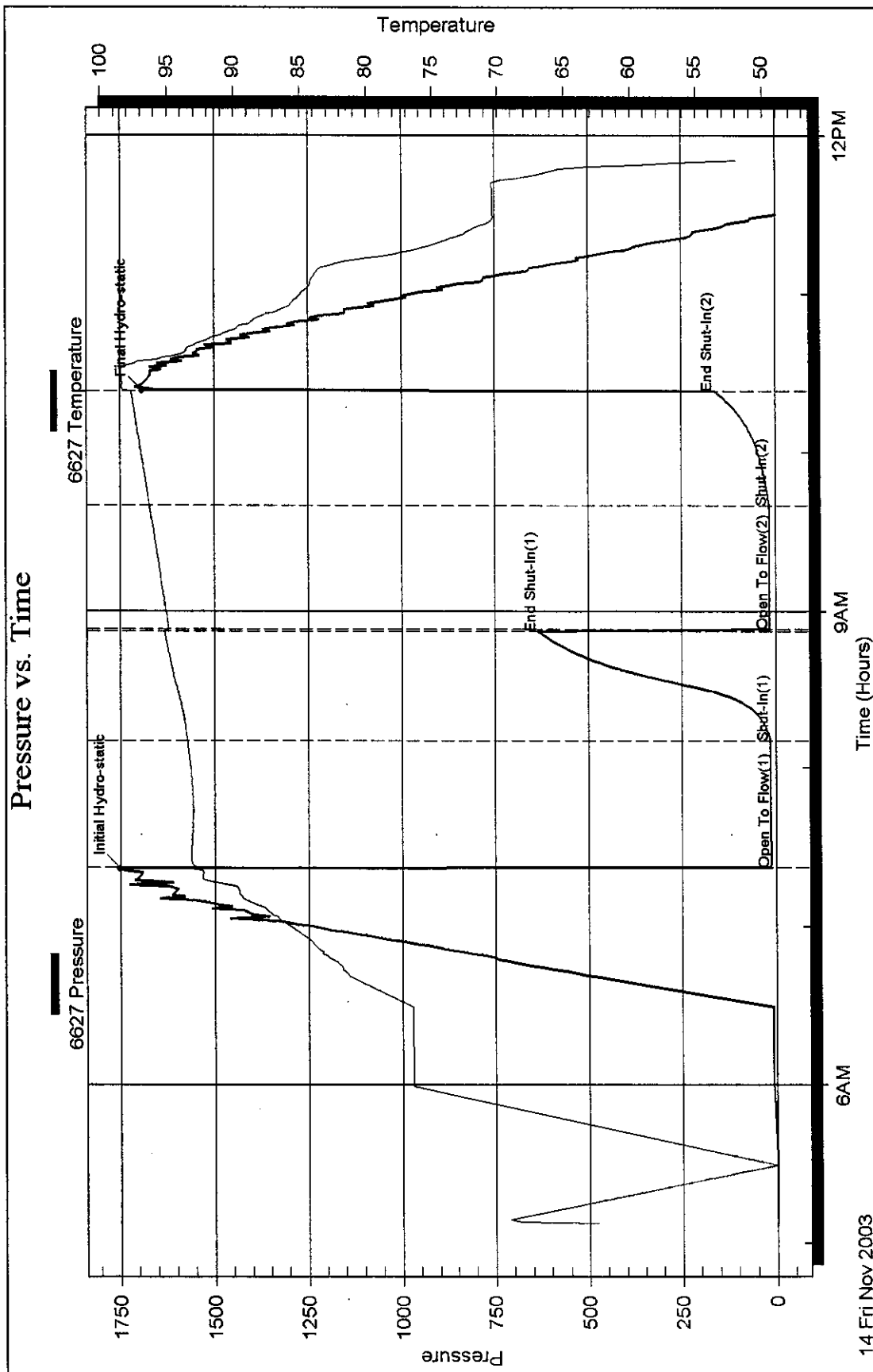
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Oil Specked Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 6" Oil In Top Of Tool

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