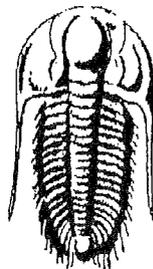


15-193-20730

35-9s-32w

KGS ✓



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CONSERVATION DIVISION
WICHITA, KS

DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss Ste 150
Houston TX 77057

ATTN: Mike Kidwell

35 9S 32W Thomas KS

Ziegelmeier #1-35

Start Date: 2008.02.03 @ 13:45:23

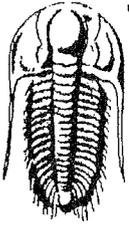
End Date: 2008.02.03 @ 19:39:47

Job Ticket #: 29605 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

Ziegelmeier #1-35

1616 S Voss Ste 150
Houston TX 77057

35 9S 32W Thomas KS

ATTN: Mike Kidwell

Job Ticket: 29605

DST#: 1

Test Start: 2008.02.03 @ 13:45:23

Tool Information

Drill Pipe:	Length: 3670.00 ft	Diameter: 3.80 inches	Volume: 51.48 bbl	Tool Weight: 1500.00 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: 559.00 ft	Diameter: 2.25 inches	Volume: 2.75 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 54.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4247.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

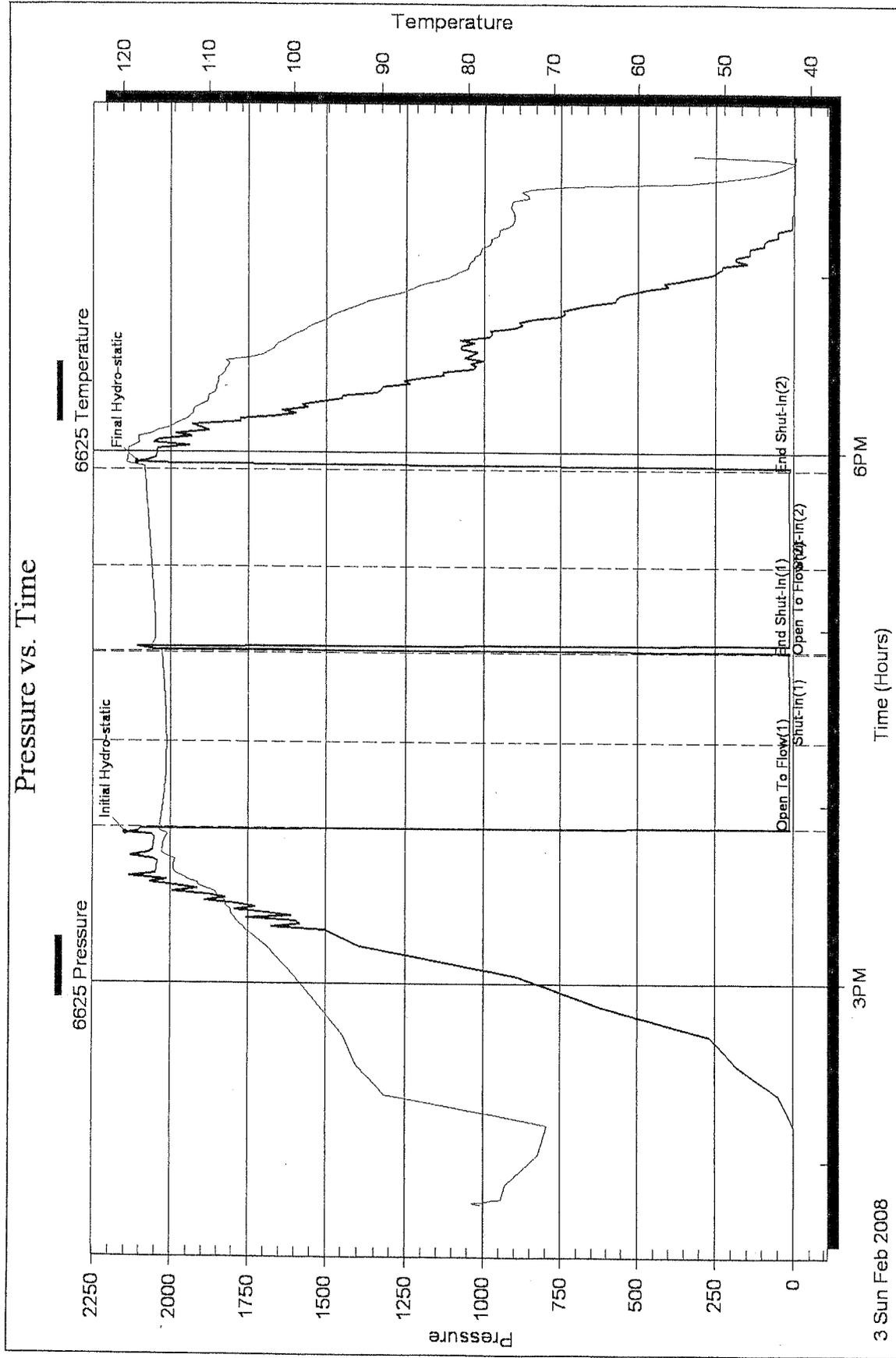
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4225.00	
Shut In Tool	5.00			4230.00	
Hydraulic tool	5.00			4235.00	
Safety Joint	3.00			4238.00	
Packer	5.00			4243.00	23.00 Bottom Of Top Packer
Packer	4.00			4247.00	
Stubb	1.00			4248.00	
Recorder	0.00	6625	Inside	4248.00	
Recorder	0.00	6741	Inside	4248.00	
Perforations	17.00			4265.00	
Bullnose	5.00			4270.00	23.00 Bottom Packers & Anchor

Total Tool Length: 46.00

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WICHITA, KS

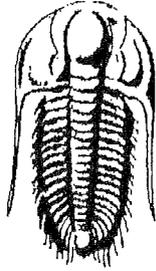
Pressure vs. Time



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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss Ste 150
Houston TX 77057

ATTN: Mike Kidwell

35 9S 32W Thomas KS

Ziegelmeier #1-35

Start Date: 2008.02.04 @ 01:42:23

End Date: 2008.02.04 @ 10:20:18

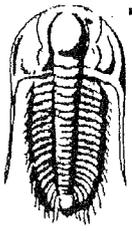
Job Ticket #: 29606 DST #: 2

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**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

1616 S Voss Ste 150
Houston TX 77057

ATTN: Mike Kidwell

Ziegelmeier #1-35

35 9S 32W Thomas KS

Job Ticket: 29606

DST#: 2

Test Start: 2008.02.04 @ 01:42:23

Tool Information

Drill Pipe:	Length: 3711.00 ft	Diameter: 3.80 inches	Volume: 52.06 bbl	Tool Weight: 1500.00 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: 559.00 ft	Diameter: 2.25 inches	Volume: 2.75 bbl	Weight to Pull Loose: 95000.00 lb
		Total Volume:	54.81 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4268.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

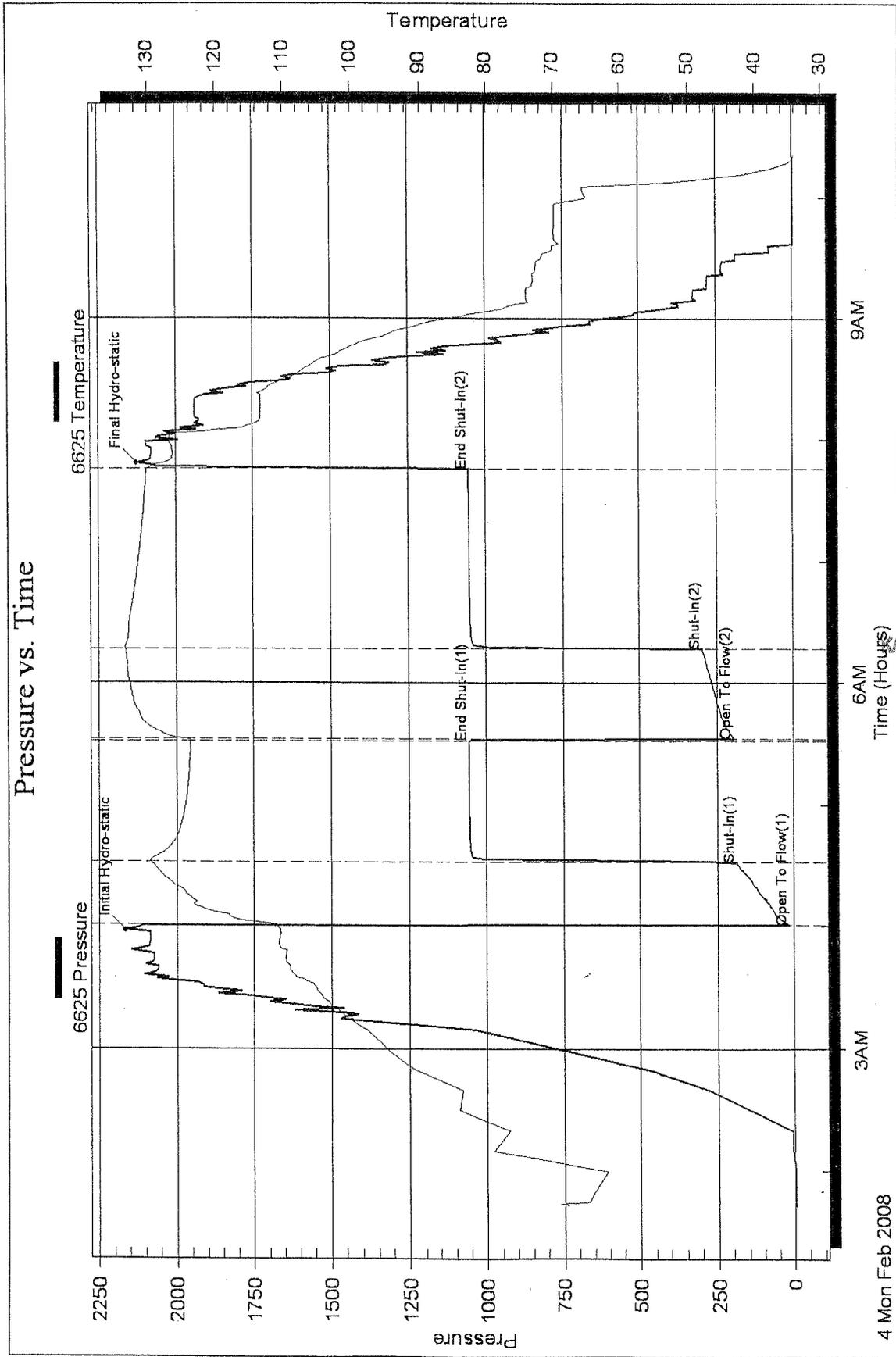
Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4246.00	
Shut In Tool	5.00			4251.00	
Hydraulic tool	5.00			4256.00	
Safety Joint	3.00			4259.00	
Packer	5.00			4264.00	23.00 Bottom Of Top Packer
Packer	4.00			4268.00	
Stubb	1.00			4269.00	
Recorder	0.00	6625	Inside	4269.00	
Recorder	0.00	6741	Inside	4269.00	
Perforations	24.00			4293.00	
Bullnose	5.00			4298.00	30.00 Bottom Packers & Anchor

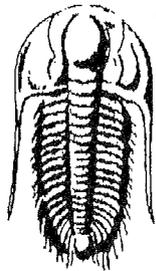
Total Tool Length: 53.00

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Pressure vs. Time



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TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Landmark Resources**

1616 S Voss Ste 150
Houston TX 77057

ATTN: Mike Kidwell

35 9S 32W Thomas KS

Ziegelmeier #1-35

Start Date: 2008.02.05 @ 10:37:51

End Date: 2008.02.05 @ 18:40:15

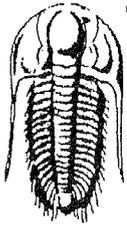
Job Ticket #: 29607 DST #: 3

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DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources

Ziegelmeier #1-35

1616 S Voss Ste 150
Houston TX 77057

35 9S 32W Thomas KS

ATTN: Mke Kidwell

Job Ticket: 29607

DST#: 3

Test Start: 2008.02.05 @ 10:37:51

Tool Information

Drill Pipe:	Length: 3933.00 ft	Diameter: 3.80 inches	Volume: 55.17 bbl	Tool Weight: 1500.00 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: 520.00 ft	Diameter: 2.25 inches	Volume: 2.56 bbl	Weight to Pull Loose: 98000.00 lb
			Total Volume: 57.73 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4471.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	109.00 ft			
Tool Length:	132.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

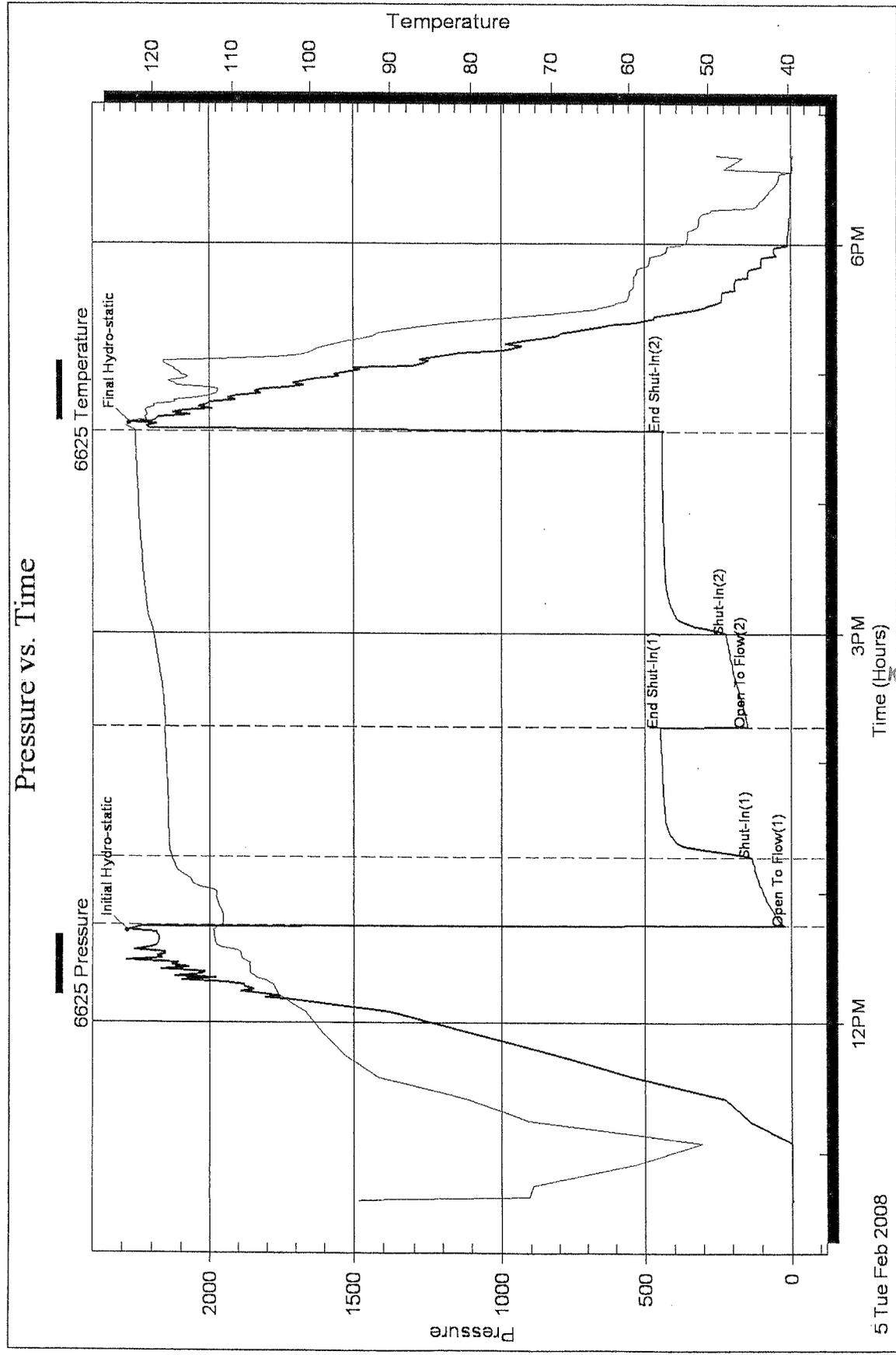
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4449.00	
Shut In Tool	5.00			4454.00	
Hydraulic tool	5.00			4459.00	
Safety Joint	3.00			4462.00	
Packer	5.00			4467.00	23.00 Bottom Of Top Packer
Packer	4.00			4471.00	
Stubb	1.00			4472.00	
Recorder	0.00	6625	Inside	4472.00	
Recorder	0.00	6741	Inside	4472.00	
Perforations	6.00			4478.00	
Change Over Sub	1.00			4479.00	
Drill Pipe	95.00			4574.00	
Change Over Sub	1.00			4575.00	
Bullnose	5.00			4580.00	109.00 Bottom Packers & Anchor

Total Tool Length: 132.00

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Pressure vs. Time



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