



## DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co Inc**

100 S Main  
suite 505  
Wichita Ks 67202-3738

ATTN: Larry Richardson

**18-20s-21w Ness**

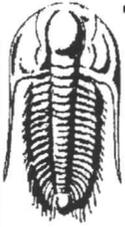
**Maier "A"#1**

Start Date: 2005.08.16 @ 11:54:09

End Date: 2005.08.16 @ 17:55:08

Job Ticket #: 23838                      DST #: 1

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



**TRILOBITE TESTING, INC.**

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 suite 505  
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 ATTN: Larry Richardson

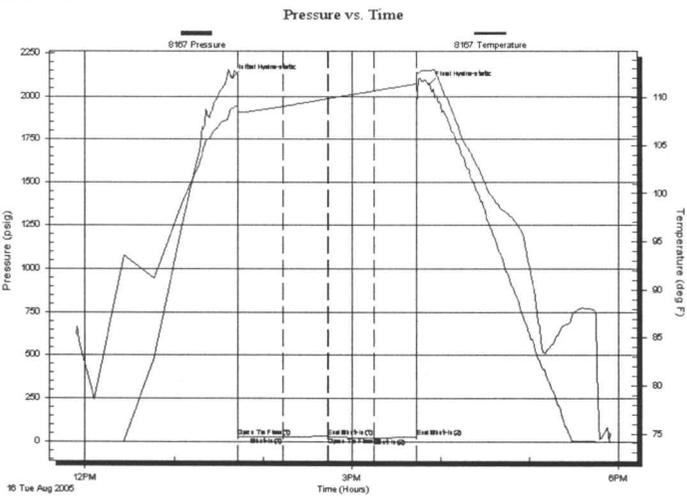
**Maier "A" #1**  
**18-20s-21w Ness**  
 Job Ticket: 23838      DST#: 1  
 Test Start: 2005.08.16 @ 11:54:09

## GENERAL INFORMATION:

Formation: **Cher Sd**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 13:43:08  
 Time Test Ended: 17:55:08  
 Interval: **4332.00 ft (KB) To 4376.00 ft (KB) (TVD)**  
 Total Depth: 4376.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Ray Schwager  
 Unit No: 28  
 Reference Elevations: 2232.00 ft (KB)  
 2227.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8167**      **Inside**  
 Press@RunDepth: 23.59 psig @ 4333.01 ft (KB)      Capacity: 7000.00 psig  
 Start Date: 2005.08.16      End Date: 2005.08.16      Last Calib.: 2005.08.16  
 Start Time: 11:54:09      End Time: 17:55:08      Time On Btm: 2005.08.16 @ 13:39:08  
 Time Off Btm: 2005.08.16 @ 15:51:38

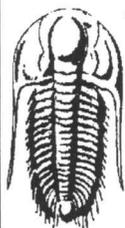
TEST COMMENT: IFP-surface bl died in 12 min  
 FFP-no bl  
 Times 30-30-30-30



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2105.98	108.92	Initial Hydro-static
4	26.51	108.56	Open To Flow (1)
35	25.09	109.10	Shut-In(1)
65	25.26	109.92	End Shut-In(1)
65	25.25	109.93	Open To Flow (2)
96	23.59	110.73	Shut-In(2)
124	25.53	111.43	End Shut-In(2)
133	2066.81	112.84	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	mud	0.07

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



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TESTING, INC.**

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TOOL DIAGRAM

Pickrell Drilling Co Inc  
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ATTN: Larry Richardson

**Maier "A" #1**  
**18-20s-21w Ness**  
Job Ticket: 23838      **DST#: 1**  
Test Start: 2005.08.16 @ 11:54:09

### Tool Information

Drill Pipe:	Length: 4329.00 ft	Diameter: 3.80 inches	Volume: 60.72 bbl	Tool Weight: 2200.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4332.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.02 ft			
Tool Length:	67.02 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			4310.00	
Shut In Tool	5.00			4315.00	
Hydraulic tool	5.00			4320.00	
Safety Joint	2.00			4322.00	
Packer	5.00			4327.00	23.00 Bottom Of Top Packer
Packer	5.00			4332.00	
Stubb	1.00			4333.00	
Recorder	0.01	8167	Inside	4333.01	
Perforations	8.00			4341.01	
Blank Spacing	32.00			4373.01	
Recorder	0.01	13534	Outside	4373.02	
Bullnose	3.00			4376.02	44.02 Bottom Packers & Anchor

**Total Tool Length: 67.02**

Serial #: 8167

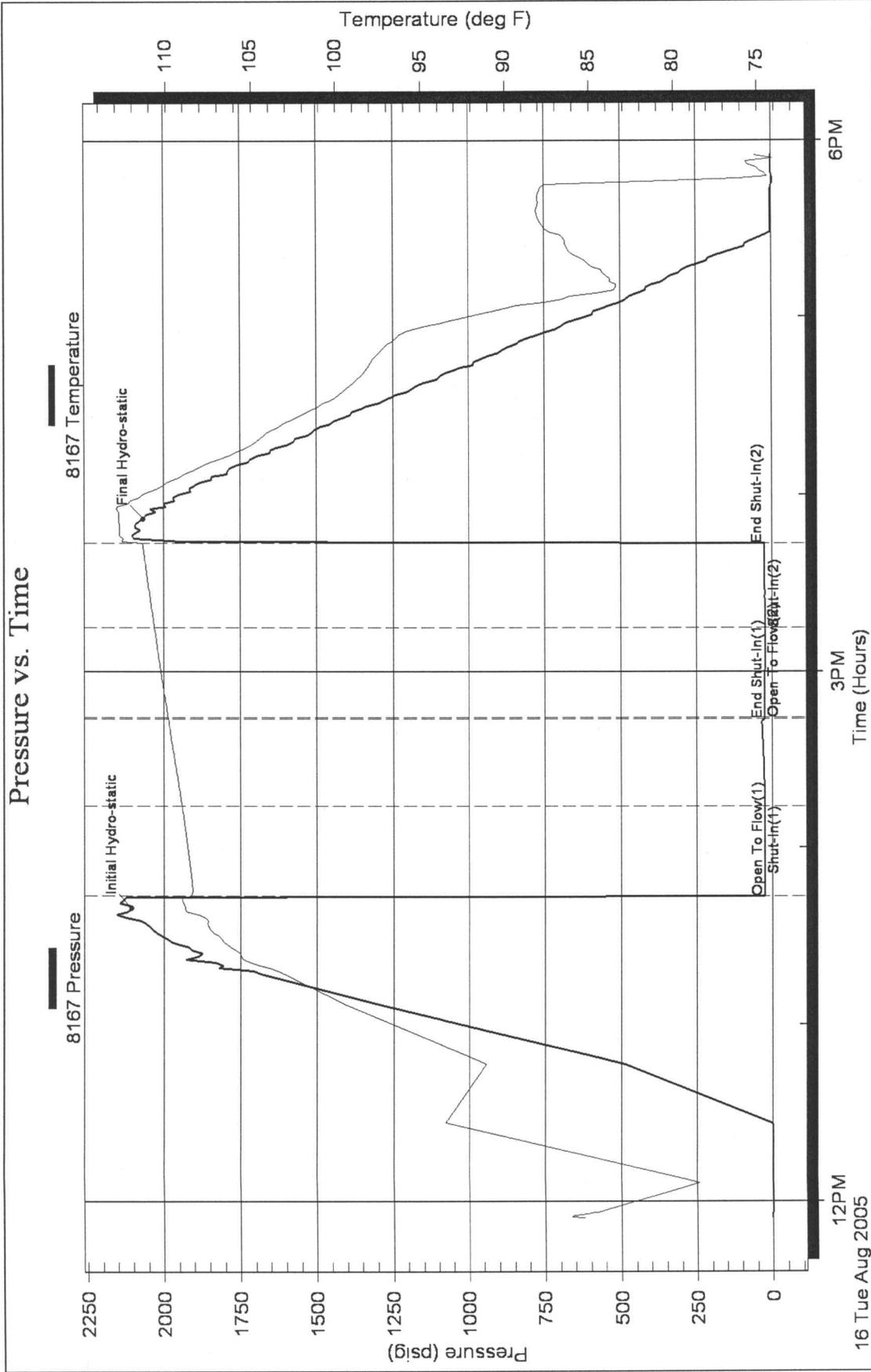
Inside

Pickrell Drilling Co Inc

18-20s-21w Ness

DST Test Number: 1

### Pressure vs. Time



**CHART PAGE**

This is a photocopy of the actual AK-1 recorder chart.

