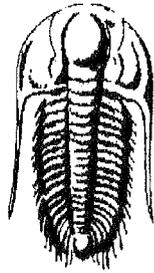


15-051-25796

27-14s-16w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **TDI**

1310 Bison Rd,
Hays, Ks
67601

ATTN: Herb Dines

27 14s 16w Ellis KS

Rohleder B #1

Start Date: 2008.07.25 @ 17:03:09

End Date: 2008.07.25 @ 23:44:03

Job Ticket #: 32847 DST #: 1

TDI

Rohleder B #1

27 14s 16w Ellis KS

DST # 1

Arbuckle

2008.07.25

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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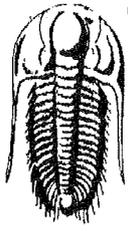
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WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

TDI

1310 Bison Rd,
Hays, Ks
67601
ATTN: Herb Dines

Rohleder B #1

27 14s 16w Ellis KS

Job Ticket: 32847

DST#: 1

Test Start: 2008.07.25 @ 17:03:09

Tool Information

Drill Pipe:	Length: 3343.00 ft	Diameter: 3.80 inches	Volume: 46.89 bbl	Tool Weight: 2500.00 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: 75000.00 lb
			<u>Total Volume: 46.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3350.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3420.01 ft			
Interval between Packers:	70.01 ft			
Tool Length:	174.01 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

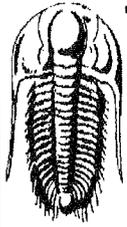
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3335.00	
Hydraulic tool	5.00			3340.00	
Packer	5.00			3345.00	20.00 Bottom Of Top Packer
Packer	5.00			3350.00	
Stubb	1.00			3351.00	
Perforations	6.00			3357.00	
Change Over Sub	1.00			3358.00	
Recorder	0.00	8018	Inside	3358.00	
Blank Spacing	31.00			3389.00	
Change Over Sub	1.00			3390.00	
Perforations	25.00			3415.00	
Recorder	0.01	13548		3415.01	
Blank Off Sub	1.00			3416.01	
Blank Spacing	4.00			3420.01	70.01 Tool Interval
Packer	5.00			3425.01	
Recorder	0.00	8371	Below	3425.01	
Perforations	3.00			3428.01	
Change Over Sub	1.00			3429.01	
Blank Spacing	62.00			3491.01	
Change Over Sub	1.00			3492.01	
Perforations	9.00			3501.01	
Bullnose	3.00			3504.01	84.00 Bottom Packers & Anchor

Total Tool Length: 174.01

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WICHITA, KS



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI
1310 Bison Rd,
Hays, Ks
67601
ATTN: Herb Dines

Rohleder B #1
27 14s 16w Ellis KS
Job Ticket: 32847 **DST#: 1**
Test Start: 2008.07.25 @ 17:03:09

Mud and Cushion Information

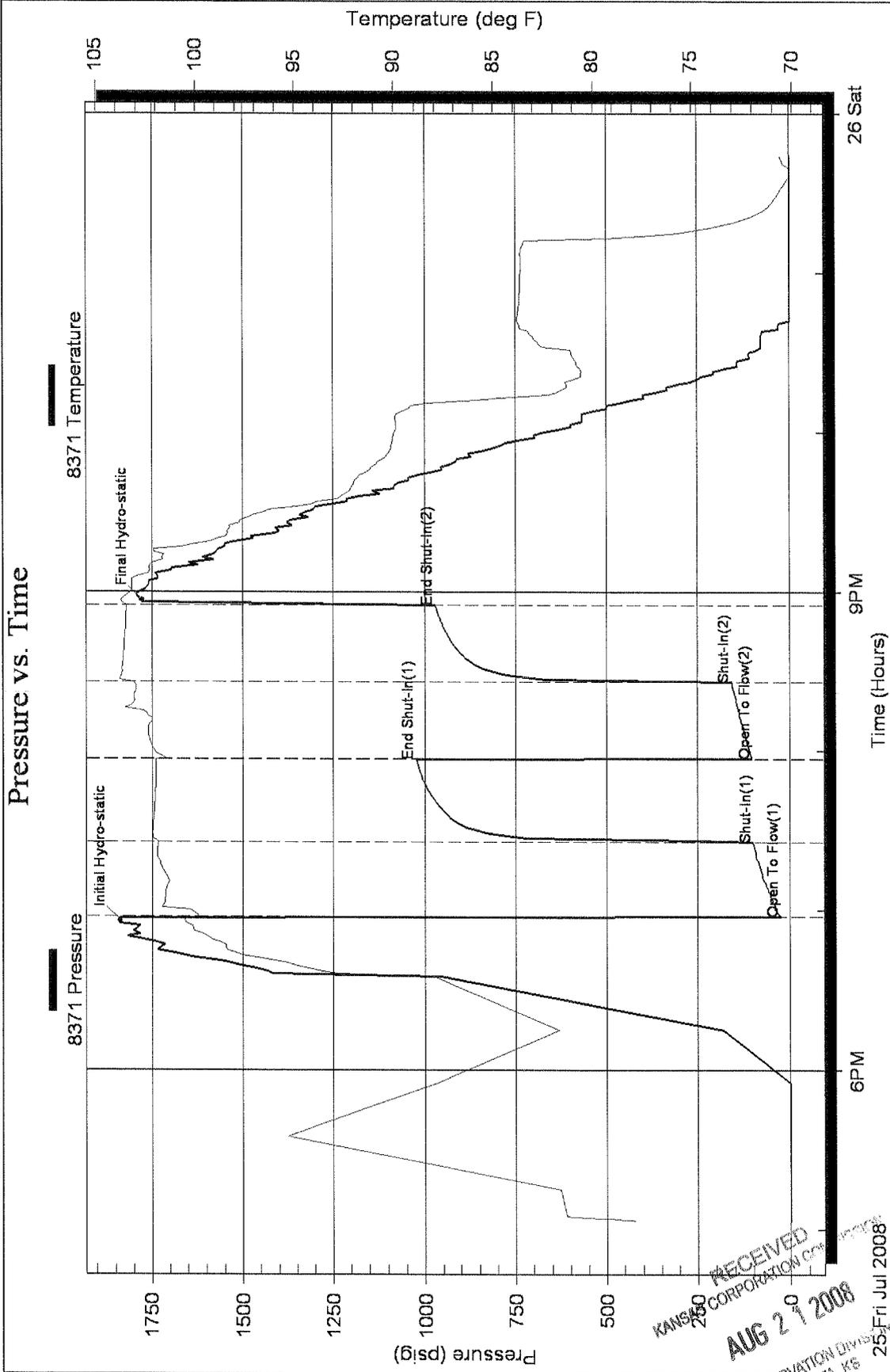
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	75000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 54000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	VSWCM 5%W, 95%M	3.928

Total Length: 280.00 ft Total Volume: 3.928 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



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