

**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **R&B Oil & Gas Inc**

PO Box 195  
Attica KS 67009

ATTN: Randy Newberry/ Tim

**Baker A #1**

**5-31s-8w Harper KS**

Start Date: 2013.06.16 @ 16:01:28

End Date: 2013.06.16 @ 21:25:13

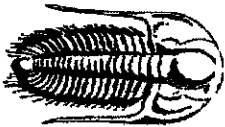
Job Ticket #: 47504      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.06.19 @ 08:45:01



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**TESTING, INC.**

**DRILL STEM TEST REPORT**

R&B Oil & Gas Inc

PO Box 195  
Attica KS 67009

ATTN: Randy Newberry/ Tim

5-31s-8w Harper KS

Baker A #1

Job Ticket: 47504

Test Start: 2013.06.16 @ 16:01:28

DST#:1

**GENERAL INFORMATION:**

Formation: Mississippi  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 00:00:00  
Time Test Ended: 21:25:13

Test Type: Conventional Bottom Hole (Initial)  
Tester: Chris Staats  
Unit No: 47

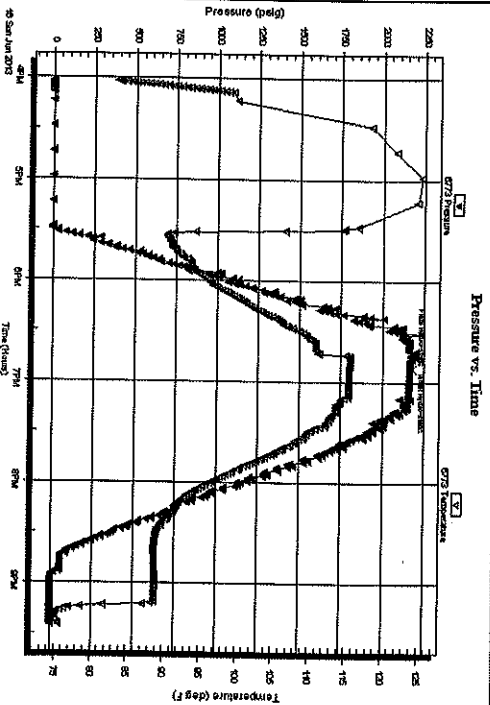
Interval: 4452.00 ft (KB) To 4483.00 ft (KB) (TVD)  
Total Depth: 4483.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inchest-Hole Condition: Fair

Reference Elevations: 1695.00 ft (KB)  
1684.00 ft (CF)  
11.00 ft  
KB to GRQC:

**Serial #: 6773** Outside  
Press.@RunDepth: psig @ 4453.00 ft (KB)  
Start Date: 2013.06.16 End Date:  
Start Time: 16:01:33 End Time:

Capacity: 8000.00 psig  
Last Callb.: 2013.06.16  
Time On Btm: 2013.06.16 @ 18:50:13  
Time Off Btm: 2013.06.16 @ 18:53:43

**TEST COMMENT: MISS RUN PACKER FAILED**



**PRESSURE SUMMARY**

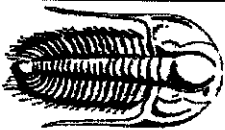
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2167.77	115.59	Initial Hydro-static
4	2166.05	115.53	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bb)
180.00	MUD	1.45

**Gas Rates**

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

R&B Oil & Gas Inc  
PO Box 195  
Altica KS 67009

5-31s-8w Harper KS  
Baker A #1  
Job Ticket: 47504  
DST#: 1  
Test Start: 2013.06.16 @ 16:01:28

ATTN: Randy Newberry/ Tim

**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: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 68000.00 lb
Drill Pipe Above KB:	24.00 ft	Total Volume: 61.30 bbl		Tool Chased 2.00 ft
Depth to Top Packer:	4452.00 ft	String Weight: Initial 68000.00 lb		
Depth to Bottom Packer:	ft	Final 68000.00 lb		
Interval between Packers:	31.00 ft			
Tool Length:	60.00 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			4424.00	
Shut In Tool	5.00			4429.00	
Hydraulic tool	5.00			4434.00	
Jars	5.00			4439.00	
Safety Joint	3.00			4442.00	
Packer	5.00			4447.00	29.00
Packer	5.00			4452.00	Bottom Of Top Packer
Stubb	1.00			4453.00	
Recorder	0.00	6773	Outside	4453.00	
Recorder	0.00	6755	Inside	4453.00	
Perforations	27.00			4480.00	
Bullnose	3.00			4483.00	31.00
<b>Total Tool Length:</b>					<b>60.00</b>
					Bottom Packers & Anchor



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**FLUID SUMMARY**

R&B Oil & Gas Inc

5-31s-8w Harper KS

PO Box 195

Baker A #1

Attica KS 67009

Job Ticket: 47504

DST#: 1

ATTN: Randy Newberry/Tim

Test Start: 2013.06.16 @ 16:01:28

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	ft	
Viscosity: 58.00 sec/qt	Cushion Volume:	bbl	
Water Loss: 7.99 in <sup>3</sup>	Gas Cushion Type:	Gas Cushion Pressure:	psig
Resistivity: 0.00 ohm.m			
Salinity: 6500.00 ppm			
Filter Cake: 0.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
180.00	MUD	1.450

Total Length: 180.00 ft      Total Volume: 1.450 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

