

**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

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

P.O.Box 195  
Attica Ks. 67009

ATTN: Tim Pierce

**33-31s-9w Harper Ks.**

**Dirks #1**

Start Date: 2004.05.06 @ 01:30:30

End Date: 2004.05.06 @ 10:19:30

Job Ticket #: 18990                      DST #: 1

*API - 15-077-21481-00-00*

**RECEIVED  
AUG 25 2004  
KCC WICHITA**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

R&B Oil & Gas

Dirks #1

33-31s-9w Harper Ks.

DST # 1

Miss.

2004.05.06



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

R&B Oil & Gas

**Dirks #1**

P.O.Box 195  
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**33-31s-9w Harper Ks.**

ATTN: Tim Pierce

Job Ticket: 18990

DST#: 1

Test Start: 2004.05.06 @ 01:30:30

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 04:01:30

Time Test Ended: 10:19:30

Test Type: **Conventional Straddle**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **4350.00 ft (KB) To 4434.00 ft (KB) (TVD)**

Total Depth: **4503.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **1566.00 ft (KB)**

**1558.00 ft (CF)**

KB to GR/CF: **8.00 ft**

**Serial #: 6755**

**Inside**

Press@RunDepth: **32.98 psig @ 4351.00 ft (KB)**

Start Date: **2004.05.06**

End Date:

**2004.05.06**

Capacity: **7000.00 psig**

Last Calib.: **2004.05.06**

Start Time: **01:30:35**

End Time:

**10:19:30**

Time On Btm: **2004.05.06 @ 03:59:15**

Time Off Btm: **2004.05.06 @ 08:02:30**

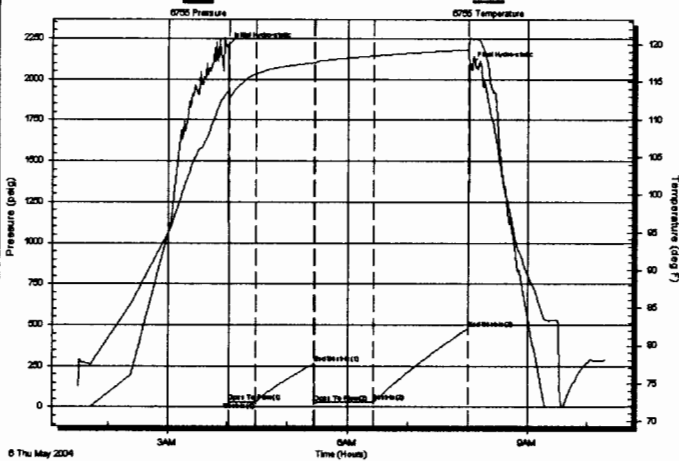
TEST COMMENT: **F:Strong blow . B.O.B. in 2 mins.**

**IS:No blow .**

**FF:Strong blow . B.O.B. in 5 secs.**

**FS:No blow .**

Pressure vs. Time



PRESSURE SUMMARY

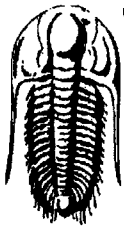
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.44	113.56	Initial Hydro-static
3	34.88	112.75	Open To Flow (1)
30	31.21	116.02	Shut-in(1)
88	267.00	117.54	End Shut-in(1)
88	26.90	117.44	Open To Flow (2)
147	32.98	118.44	Shut-in(2)
241	479.11	119.28	End Shut-in(2)
244	2082.67	120.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud	0.49
0.00	1710 ft. of gas in pipe	0.00

Gas Rates

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



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## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

R&B Oil & Gas

**Dirks #1**

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Job Ticket: 18990

**DST#: 1**

ATTN: Tim Pierce

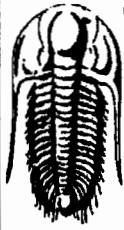
Test Start: 2004.05.06 @ 01:30:30

### Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.80 inches	Volume: 60.82 bbl	Tool Weight: 21000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 60.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4350.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	4434.00 ft			
Interval between Packers:	84.00 ft			
Tool Length:	173.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4331.00	
Shut in Tool	5.00			4336.00	
Hydraulic tool	5.00			4341.00	
Packer	4.00			4345.00	20.00 Bottom Of Top Packer
Packer	5.00			4350.00	
Stubb	1.00			4351.00	
Recorder	0.00	6755	Inside	4351.00	
Perforations	3.00			4354.00	
Change Over Sub	1.00			4355.00	
Blank Spacing	64.00			4419.00	
Change Over Sub	1.00			4420.00	
Perforations	10.00			4430.00	
Recorder	0.00	10290	Outside	4430.00	
Blank Off Sub	1.00			4431.00	
travel collar	3.00			4434.00	84.00 Tool Interval
Packer	0.00			4434.00	
Stubb	1.00			4435.00	
Change Over Sub	1.00			4436.00	
Blank Spacing	61.00			4497.00	
Change Over Sub	1.00			4498.00	
Recorder	0.00	13222	Below	4498.00	
Bullnose	5.00			4503.00	69.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>173.00</b>				



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**FLUID SUMMARY**

R&B Oil & Gas

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Job Ticket: 18990

**DST#: 1**

ATTN: Tim Pierce

Test Start: 2004.05.06 @ 01:30:30

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	4000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
35.00	Mud	0.491
0.00	1710 ft. of gas in pipe	0.000

Total Length: 35.00 ft      Total Volume: 0.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

Inside

R&B Oil & Gas

33-31s-9w Harper Ks.

DST Test Number: 1

### Pressure vs. Time

