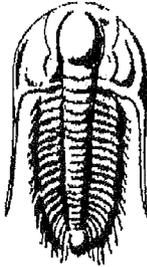


15-195-22338

4-15s-21w

**KCC**  
JUN 06 2006  
**CONFIDENTIAL**



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

**DRILL STEM TEST REPORT**

Prepared For: **Pintail Petroleum**

225 N Market Ste 300  
Wichita KS 67202

ATTN: Flip Phillips

**4 15s 21w Trego KS**

**Kuppetz TA 1-4**

Start Date: 2006.04.11 @ 23:35:06

End Date: 2006.04.12 @ 08:55:21

Job Ticket #: 23750                      DST #: 1

**RECEIVED**  
**JUN 07 2006**  
**KCC WICHITA**

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

Pintail Petroleum

Kuppetz TA 1-4

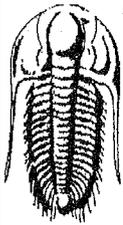
4 15s 21w Trego KS

DST # 1

Cherokee Sands

2006.04.11





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum  
225 N Market Ste 300  
Wichita KS 67202  
ATTN: Flip Phillips

**Kuppetz TA 1-4**  
**4 15s 21w Trego KS**  
Job Ticket: 23750      **DST#: 1**  
Test Start: 2006.04.11 @ 23:35:06

### Tool Information

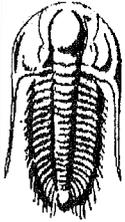
Drill Pipe:	Length: 4005.00 ft	Diameter: 3.80 inches	Volume: 56.18 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 56.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4018.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:  
Opened Tool then pulled after 20 min

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3996.00	
Hydraulic tool	5.00			4001.00	
Jars	5.00			4006.00	
Safety Joint	2.00			4008.00	
Packer	5.00			4013.00	27.00      Bottom Of Top Packer
Packer	5.00			4018.00	
Stubb	1.00			4019.00	
Change Over Sub	1.00			4020.00	
Blank Spacing	31.00			4051.00	
Change Over Sub	1.00			4052.00	
Recorder	0.00	6752	Inside	4052.00	
Perforations	33.00			4085.00	
Recorder	0.00	11020	Inside	4085.00	
Bullnose	3.00			4088.00	70.00      Bottom Packers & Anchor

**Total Tool Length: 97.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Pintail Petroleum

**Kuppetz TA 1-4**

225 N Market Ste 300  
Wichita KS 67202

**4 15s 21w Trego KS**

ATTN: Flip Phillips

Job Ticket: 23750

**DST#: 1**

Test Start: 2006.04.11 @ 23:35:06

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 13.16 in<sup>3</sup>

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Gassy Oil 60%O 40%G	0.870
1984.00	Free Oil	27.830
0.00	124 GIP	0.000

Total Length: 2046.00 ft      Total Volume: 28.700 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

Inside Pintail Petroleum

4 15s 21w Trego KS

DST Test Number: 1

### Pressure vs. Time

