**TRILOBITE**
TESTING, INC.**DRILL STEM TEST REPORT**Prepared For: **Pintail Petroleum Ltd**225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

4 15 21 Trego KS**Kuppetz TA #3-4**

Start Date: 2007.05.11 @ 03:29:00

End Date: 2007.05.11 @ 10:30:54

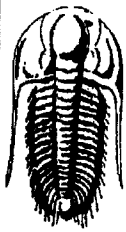
Job Ticket #: 28174 DST #: 1

KCC
AUG 29 2007
CONFIDENTIAL

Trilobite Testing, Inc

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum Ltd

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Kuppetz TA #3-4

4 15 21 Trego KS

Job Ticket: 28174

DST#: 1

Test Start: 2007.05.11 @ 03:29:00

GENERAL INFORMATION:

Formation: **Ft Scott**

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

Time Tool Opened: 06:00:55

Time Test Ended: 10:30:54

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3890.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Total Depth: **3960.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Reference Elevations: **2113.00 ft (KB)**

2108.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **303.99 psig @ 3891.01 ft (KB)**

Start Date: **2007.05.11**

End Date:

2007.05.11

Capacity: **7000.00 psig**

Last Calib.: **2007.05.11**

Start Time: **03:29:00**

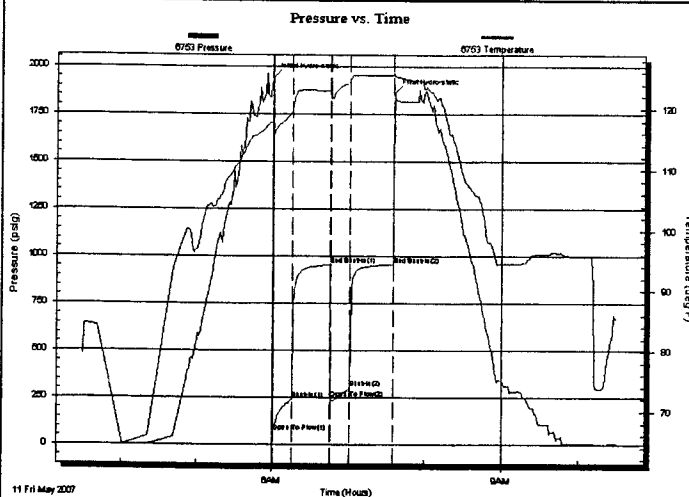
End Time:

10:30:54

Time On Btm: **2007.05.11 @ 06:00:25**

Time Off Btm: **2007.05.11 @ 07:35:55**

TEST COMMENT: IFF Strg bl in 5 min
FFP Strg bl in 5 min
ISIP 1/4 " Blow back
FSIP 1/4 " bl bk Time 15 30 15 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1941.95	117.85	Initial Hydro-static
1	66.39	115.87	Open To Flow (1)
15	238.98	119.71	Shut-In(1)
45	954.58	123.05	End Shut-In(1)
46	244.65	121.83	Open To Flow (2)
61	303.99	124.58	Shut-In(2)
95	955.98	125.53	End Shut-In(2)
96	1861.87	125.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMOCW 10%G 10%O 60%O 20%M	0.59
120.00	MGWCO 10%G 15%W 8%O 67%W	0.59
300.00	MGWCO 10%G 15%W 15%M 60%O	4.21
60.00	MGO 10%G 30%M 60%O	0.84
10.00	OGCM 5%G 5%O 90%M	0.14
0.00	120' GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum Ltd

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Kuppetz TA #3-4

4 15 21 Trego KS

Job Ticket: 28174

DST#: 1

Test Start: 2007.05.11 @ 03:29:00

Tool Information

Drill Pipe:	Length: 3649.00 ft	Diameter: 3.80 inches	Volume: 51.19 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	70000.00 lb
			Total Volume: 52.37 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	3890.00 ft			Final	57000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.02 ft				
Tool Length:	98.02 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			3863.00	
Shut In Tool	5.00			3868.00	
Hydraulic tool	5.00			3873.00	
Jars	5.00			3878.00	
Safety Joint	2.00			3880.00	
Packer	5.00			3885.00	28.00 Bottom Of Top Packer
Packer	5.00			3890.00	
Stubb	1.00			3891.00	
Recorder	0.01	6753	Inside	3891.01	
Perforations	4.00			3895.01	
Blank Spacing	33.00			3928.01	
Recorder	0.01	13534	Outside	3928.02	
Perforations	29.00			3957.02	
Bullnose	3.00			3960.02	70.02 Bottom Packers & Anchor

Total Tool Length: 98.02



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FLUID SUMMARY

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

Kuppetz TA #3-4
4 15 21 Trego KS
Job Ticket: 28174 **DST#: 1**
Test Start: 2007.05.11 @ 03:29:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 12.58 in³
Resistivity: ohm.m
Salinity: 2000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig
Oil API: deg API
Water Salinity: 33000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GMOCW 10%G 10%O 60%O 20%M	0.590
120.00	MGWCO 10%G 15%W 8%O 67%W	0.590
300.00	MGWCO 10%G 15%W 15%M 60%O	4.208
60.00	MGO 10%G 30%M 60%O	0.842
10.00	OGCM 5%G 5%O 90%M	0.140
0.00	120' GIP	0.000

Total Length: 610.00 ft Total Volume: 6.370 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RWE .16 @ 90F

Pressure vs. Time

