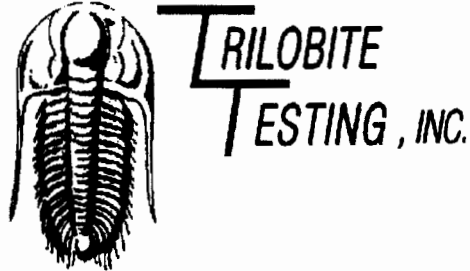


15-135-24675

184642



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

25 16 21 Ness KS

Higgins-Avery # 1-25

Start Date: 2007.07.21 @ 13:45:37

End Date: 2007.07.21 @ 19:05:52

Job Ticket #: 28783 DST #: 1

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

CONFIDENTIAL
NOV 13 2007
KCC

Pintail Petroleum LTD

Higgins-Avery # 1-25

25 16 21 Ness KS

DST # 1

Char Sd

2007.07.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Higgins-Avery # 1-25

25 16 21 Ness KS

Job Ticket: 28783

DST#: 1

Test Start: 2007.07.21 @ 13:45:37

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:04:37

Time Test Ended: 19:05:52

Interval: **4010.00 ft (KB) To 4070.00 ft (KB) (TVD)**

Total Depth: 4070.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Reference Elevations: 2211.00 ft (KB)

2205.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6741

Inside

Press@RunDepth: 20.06 psig @ 4013.00 ft (KB)

Start Date: 2007.07.21

End Date:

2007.07.21

Start Time: 13:45:39

End Time:

19:05:52

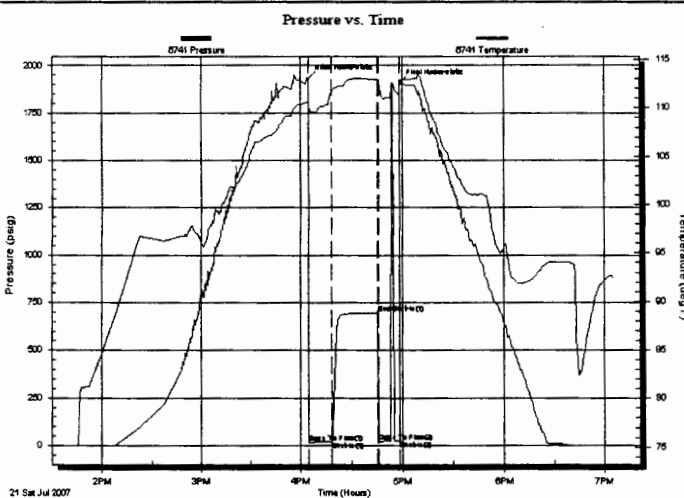
Capacity: 7000.00 psig

Last Calib.: 2007.07.21

Time On Btm: 2007.07.21 @ 16:04:22

Time Off Btm: 2007.07.21 @ 16:58:22

TEST COMMENT: IF Weak died in 12 min
FF No blow flushed tool



PRESSURE SUMMARY

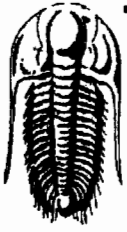
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.94	110.49	Initial Hydro-static
1	15.26	109.98	Open To Flow (1)
14	20.06	111.63	Shut-In(1)
41	696.05	112.91	End Shut-In(1)
42	21.96	112.66	Open To Flow (2)
54	26.34	111.23	Shut-In(2)
54	1907.57	112.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.17

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

Higgins-Avery # 1-25

225 N Market Ste 300
Wichita KS 67202

25 16 21 Ness KS

Job Ticket: 28783

DST#: 1

ATTN: Flip Phillips

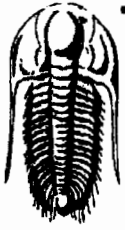
Test Start: 2007.07.21 @ 13:45:37

Tool Information

Drill Pipe:	Length: 4012.00 ft	Diameter: 4.21 inches	Volume: 69.08 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 69.08 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	4010.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	89.00 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			3982.00	
Shut In Tool	5.00			3987.00	
Hydraulic tool	5.00			3992.00	
Jars	5.00			3997.00	
Safety Joint	3.00			4000.00	
Packer	5.00			4005.00	29.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Perforations	1.00			4012.00	
Change Over Sub	1.00			4013.00	
Recorder	0.00	6741	Inside	4013.00	
Drill Pipe	29.00			4042.00	
Change Over Sub	1.00			4043.00	
Recorder	0.00	13254	Outside	4043.00	
Perforations	24.00			4067.00	
Bullnose	3.00			4070.00	60.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pntail Petroleum LTD

Higgins-Avery # 1-25

225 N Market Ste 300
Wichita KS 67202

25 16 21 Ness KS

Job Ticket: 28783

DST#: 1

ATTN: Flip Phillips

Test Start: 2007.07.21 @ 13:45:37

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.172

Total Length: 10.00 ft

Total Volume: 0.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

