

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

9 15S 21W Trego KS

Splitter GL #1-9

Start Date: 2007.01.25 @ 01:21:27

End Date: 2007.01.25 @ 07:49:21

Job Ticket #: 25274 DST #: 1

KCC
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CONFIDENTIAL

Trilobite Testing, Inc
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ph: 785-625-4778 fax: 785-625-5620


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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 225 N Market Ste 300
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ATTN: Flip Phillips

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Test Start: 2007.01.25 @ 01:21:27

GENERAL INFORMATION:

 Formation: **Cher Sd**

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

Time Tool Opened: 04:11:52

Time Test Ended: 07:49:21

 Test Type: **Conventional Bottom Hole**

 Tester: **Ray Schwager**

 Unit No: **28**

 Interval: **3990.00 ft (KB) To 4060.00 ft (KB) (TVD)**

 Total Depth: **4060.00 ft (KB) (TVD)**

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

 Reference Elevations: **2210.00 ft (KB)**
2205.00 ft (CF)

 KB to GR/CF: **5.00 ft**
Serial #: 6753
Inside

 Press@RunDepth: **52.65 psig @ 3994.01 ft (KB)**

 Start Date: **2007.01.25**

End Date:

2007.01.25

 Capacity: **7000.00 psig**

 Last Calib.: **2007.01.25**

 Start Time: **01:21:27**

End Time:

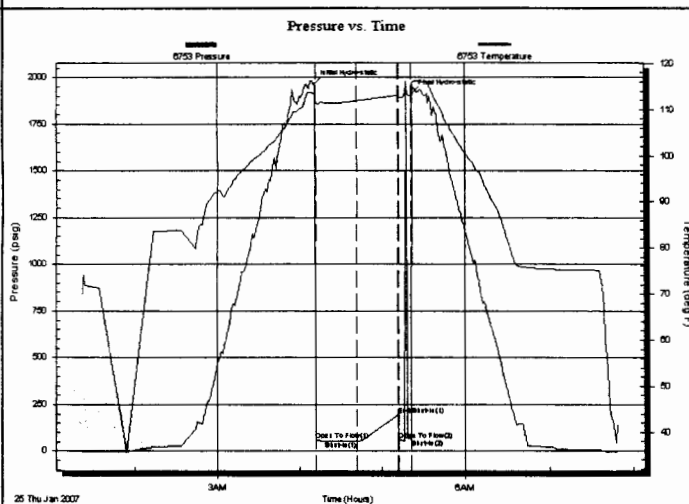
07:49:21

 Time On Btm: **2007.01.25 @ 04:10:52**

 Time Off Btm: **2007.01.25 @ 05:22:22**
TEST COMMENT: IFP Wk bl thru-out 1 " to 1/2 " bl

FFP No bl flushed tool

Times 30 30 10 out



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.26	113.59	Initial Hydro-static
1	57.86	111.36	Open To Flow (1)
31	52.65	111.89	Shut-In(1)
61	193.76	113.09	End Shut-In(1)
62	61.65	112.72	Open To Flow (2)
71	64.31	113.09	Shut-In(2)
72	1912.70	115.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.10

Gas Rates

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

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Tool Information

Drill Pipe:	Length: 3739.00 ft	Diameter: 3.80 inches	Volume: 52.45 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: 65000.00 lb
		Total Volume: 53.63 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3990.00 ft			Final 50000.00 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			3963.00	
Shut In Tool	5.00			3968.00	
Hydraulic tool	5.00			3973.00	
Jars	5.00			3978.00	
Safety Joint	2.00			3980.00	
Packer	5.00			3985.00	28.00 Bottom Of Top Packer
Packer	5.00			3990.00	
Stubb	1.00			3991.00	
Perforations	3.00			3994.00	
Recorder	0.01	6753	Inside	3994.01	
Blank Spacing	32.00			4026.01	
Recorder	0.01	13534	Outside	4026.02	
Perforations	31.00			4057.02	
Bullnose	3.00			4060.02	70.02 Bottom Packers & Anchor

Total Tool Length: 98.02


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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

 Water Loss: 8.57 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

