

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita Ks 67202

KCC
SEP 20 2006
CONFIDENTIAL

ATTN: Flip Phillips

29 14 21 Trego KS

Schmidt RP # 5-29

Start Date: 2006.11.01 @ 02:11:16

End Date: 2006.11.01 @ 07:03:01

Job Ticket #: 25210 DST #: 1

*SZ SZ SE SE
100 FSL 810 FEL*

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

Pintail Petroleum LTD

Schmidt RP # 5-29

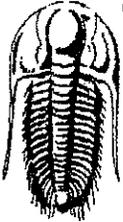
29 14 21 Trego KS

DST # 1

Cherokee Sd

2006.11.01

15-195-22402



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

Schmidt RP # 5-29
29 14 21 Trego KS
 Job Ticket: 25210 DST#: 1
 Test Start: 2006.11.01 @ 02:11:16

GENERAL INFORMATION:

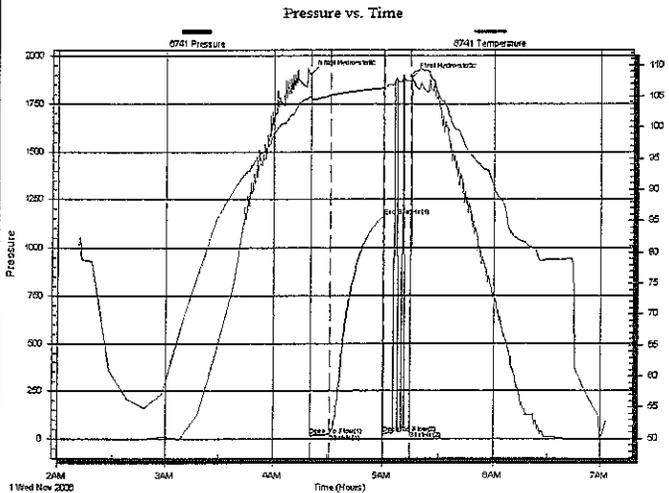
Formation: **Cherokee Sd**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:20:06
 Time Test Ended: 07:03:01
 Test Type: Conventional Bottom Hole
 Tester: Dan Bangle
 Unit No: 38
 Interval: **3855.00 ft (KB) To 3925.00 ft (KB) (TVD)**
 Reference Elevations: 2065.00 ft (KB)
 Total Depth: 3925.00 ft (KB) (TVD)
 2060.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 24.11 psig @ 3858.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.11.01 End Date: 2006.11.01 Last Calib.: 2006.11.01
 Start Time: 02:11:18 End Time: 07:03:01 Time On Btm: 2006.11.01 @ 04:19:56
 Time Off Btm: 2006.11.01 @ 05:15:01

TEST COMMENT: IF Weak steady surface blow
 FF No blow - flushed tool - no blow - flushed tool
 Times 10 30 15 0



PRESSURE SUMMARY

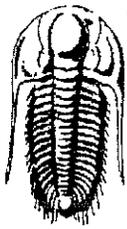
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1904.47	104.98	Initial Hydro-static
1	16.98	103.87	Open To Flow (1)
11	24.11	105.24	Shut-In(1)
40	1163.30	106.35	End Shut-In(1)
41	26.92	106.20	Open To Flow(2)
55	42.90	107.42	Shut-In(2)
56	1891.54	108.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	DM	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

Schmidt RP # 5-29

29 14 21 Trego KS

Job Ticket: 25210

DST#: 1

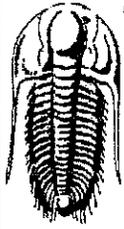
Test Start: 2006.11.01 @ 02:11:16

Tool Information

Drill Pipe:	Length: 3606.00 ft	Diameter: 3.80 inches	Volume: 50.58 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 51.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3855.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3827.00	
Shut In Tool	5.00			3832.00	
Hydraulic tool	5.00			3837.00	
Jars	5.00			3842.00	
Safety Joint	3.00			3845.00	
Packer	5.00			3850.00	29.00 Bottom Of Top Packer
Packer	5.00			3855.00	
Stubb	1.00			3856.00	
Perforations	1.00			3857.00	
Change Over Sub	1.00			3858.00	
Recorder	0.00	6741	Inside	3858.00	
Drill Pipe	31.00			3889.00	
Change Over Sub	1.00			3890.00	
Recorder	0.00	13254	Outside	3890.00	
Perforations	32.00			3922.00	
Bullnose	3.00			3925.00	70.00 Bottom Packers & Anchor
Total Tool Length:	99.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Schmidt RP # 5-29

225 N Market Ste 300
Wichita Ks 67202

29 14 21 Trego KS

Job Ticket: 25210

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.11.01 @ 02:11:16

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	DM	0.074

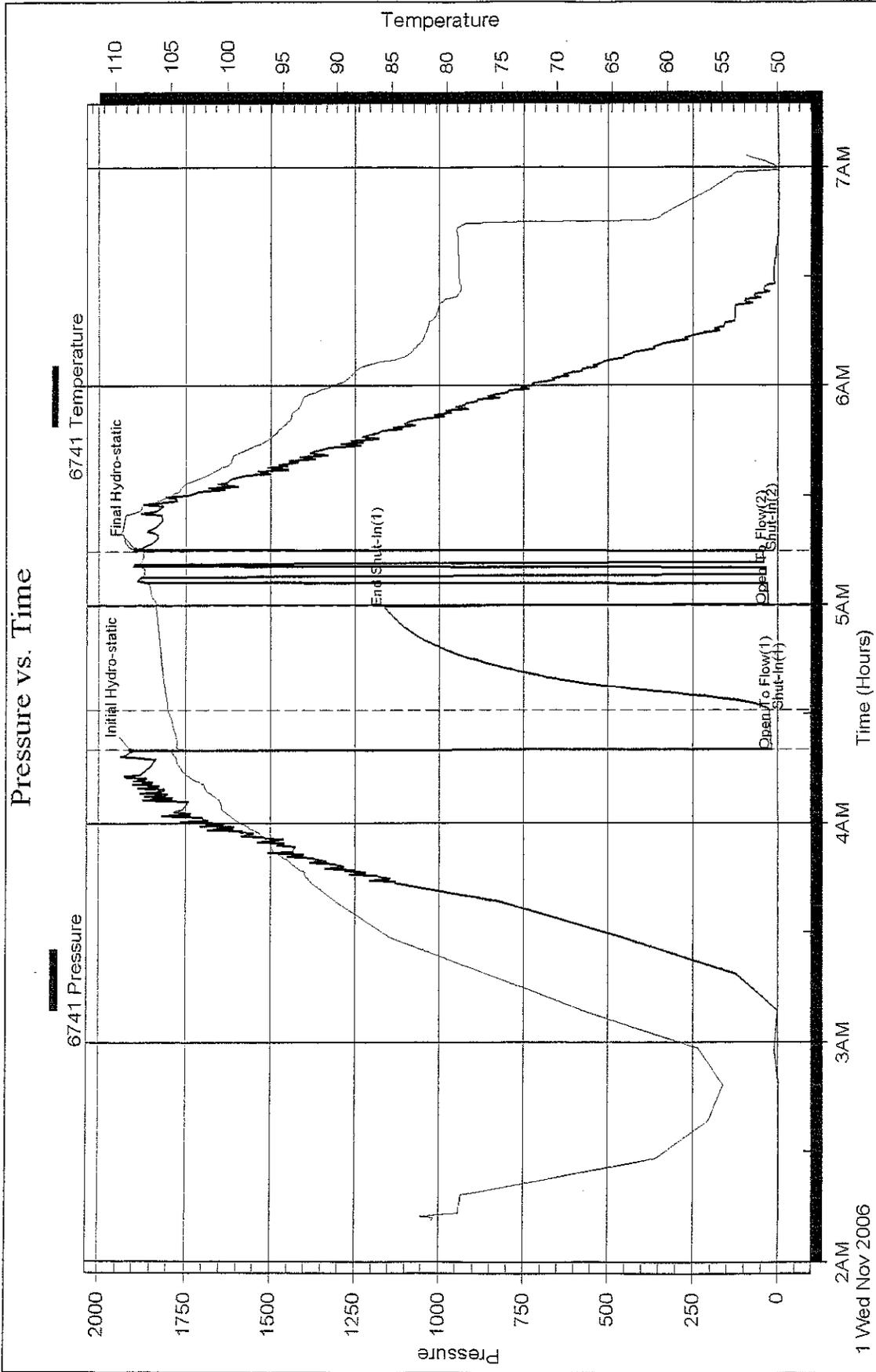
Total Length: 15.00 ft Total Volume: 0.074 bbl

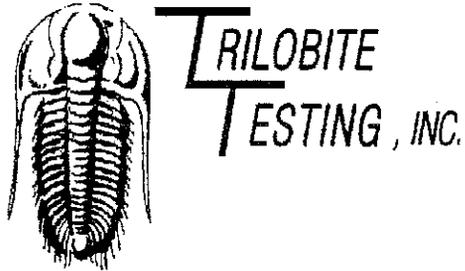
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

29 14 21 Trego KS

Schmidt RP # 5-29

Start Date: 2006.11.01 @ 13:10:33

End Date: 2006.11.01 @ 18:39:03

Job Ticket #: 25211 DST #: 2

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

Schmidt RP # 5-29

29 14 21 Trego KS

Job Ticket: 25211

DST#: 2

Test Start: 2006.11.01 @ 13:10:33

GENERAL INFORMATION:

Formation: **Katina Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:18:53

Time Test Ended: 18:39:03

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **3860.00 ft (KB) To 3945.00 ft (KB) (TVD)**

Total Depth: 3945.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2065.00 ft (KB)

2060.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 47.35 psig @ 3863.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.01

End Date:

2006.11.01

Last Calib.: 2006.11.01

Start Time: 13:10:35

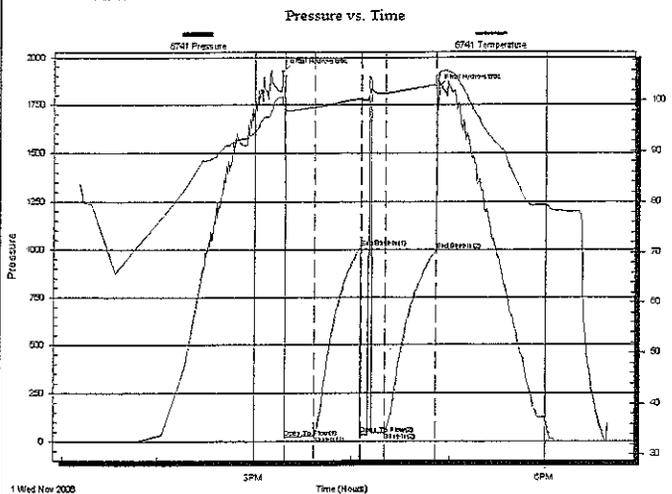
End Time:

18:39:03

Time On Btm: 2006.11.01 @ 15:16:53

Time Off Btm: 2006.11.01 @ 16:52:03

TEST COMMENT: IF Weak 1/4 " blow decreasing to weak surface blow
FF Weak decreasing blow - flushed tool - weak blow died in 10 min
Times 15 30 15 30



PRESSURE SUMMARY

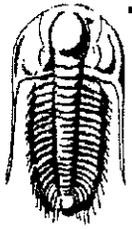
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.13	100.77	Initial Hydro-static
2	21.70	98.14	Open To Flow (1)
20	30.79	98.56	Shut-In (1)
49	1010.81	100.37	End Shut-In (1)
49	34.22	100.12	Open To Flow (2)
64	47.35	101.43	Shut-In (2)
95	993.10	103.03	End Shut-In (2)
96	1835.25	103.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	DM	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

Schmidt RP # 5-29

225 N Market Ste 300
Wichita Ks 67202

29 14 21 Trego KS

Job Ticket: 25211

DST#: 2

ATTN: Flip Phillips

Test Start: 2006.11.01 @ 13:10:33

Tool Information

Drill Pipe:	Length: 3591.00 ft	Diameter: 3.80 inches	Volume: 50.37 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: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 51.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3860.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	114.00 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			3832.00	
Shut In Tool	5.00			3837.00	
Hydraulic tool	5.00			3842.00	
Jars	5.00			3847.00	
Safety Joint	3.00			3850.00	
Packer	5.00			3855.00	29.00 Bottom Of Top Packer
Packer	5.00			3860.00	
Stubb	1.00			3861.00	
Perforations	1.00			3862.00	
Change Over Sub	1.00			3863.00	
Recorder	0.00	6741	Inside	3863.00	
Drill Pipe	63.00			3926.00	
Change Over Sub	1.00			3927.00	
Recorder	0.00	13254	Outside	3927.00	
Perforations	15.00			3942.00	
Bullnose	3.00			3945.00	85.00 Bottom Packers & Anchor
Total Tool Length:	114.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Schmidt RP # 5-29

225 N Market Ste 300
Wichita Ks 67202

29 14 21 Trego KS

Job Ticket: 25211

DST#: 2

ATTN: Fip Phillips

Test Start: 2006.11.01 @ 13:10:33

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: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.96 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	DM	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

