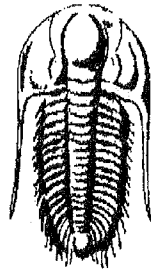


15-135-24459

30-20s-23w



**TRILOBITE
TESTING, INC.**

CONFIDENTIAL
MAR 23 2006
KCC

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum, Ltd.**

225 N. Market, Ste. 300
Wichita, KS 67202

ATTN: Flip Phillips

Sec.30 20s 23w Ness

Busch-Vonlehe #1-30

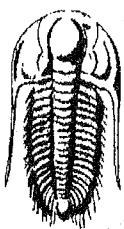
Start Date: 2006.03.08 @ 04:55:01

End Date: 2006.03.08 @ 09:42:30

Job Ticket #: 23225 DST #: 1

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

RECEIVED
MAR 24 2006
KCC WICHITA



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum, Ltd.

225 N. Market, Ste. 300
Wichita, KS 67202

ATTN: Flip Phillips

Busch-Vonlehe #1-30

Sec.30 20s 23w Ness

Job Ticket: 23225

DST#: 1

Test Start: 2006.03.08 @ 04:55:01

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:53:30

Time Test Ended: 09:42:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: **4215.00 ft (KB) To 4265.00 ft (KB) (TVD)**

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2251.00 ft (KB)

2246.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: 71.59 psig @ 4216.00 ft (KB)

Start Date: 2006.03.08

End Date:

2006.03.08

Start Time: 04:55:01

End Time:

09:42:30

Capacity: 7000.00 psig

Last Calib.: 2006.03.08

Time On Btm: 2006.03.08 @ 06:53:15

Time Off Btm: 2006.03.08 @ 07:54:45

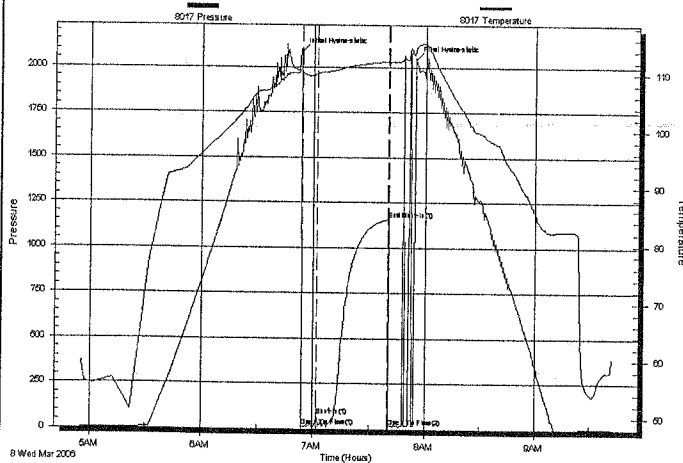
TEST COMMENT: IF: Weak blow built to 1/2" over 15 min.

IS: No return over 30 min.

FF: No blow, flushed tool after 5 min., good surge, pulled tool at 15 min.

FS: None

Pressure vs. Time



PRESSURE SUMMARY

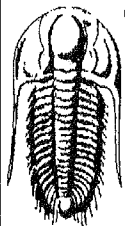
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2085.12	110.86	Initial Hydro-static
1	14.51	110.23	Open To Flow (1)
9	71.59	110.15	Shut-In(1)
47	1156.48	112.32	End Shut-In(1)
48	15.79	111.61	Open To Flow (2)
62	2041.12	114.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100%M	0.14

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

Busch-Vonlehe #1-30

Sec.30 20s 23w Ness

Job Ticket: 23225

DST#: 1

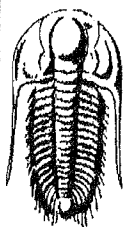
Test Start: 2006.03.08 @ 04:55:01

Tool Information

Drill Pipe:	Length: 4227.00 ft	Diameter: 3.80 inches	Volume: 59.29 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 59.29 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4215.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4201.00	
Hydraulic tool	5.00			4206.00	
Packer	5.00			4211.00	19.00 Bottom Of Top Packer
Packer	4.00			4215.00	
Stubb	1.00			4216.00	
Recorder	0.00	8017	Inside	4216.00	
Perforations	10.00			4226.00	
Change Over Sub	1.00			4227.00	
Anchor	32.00			4259.00	
Change Over Sub	1.00			4260.00	
Recorder	0.00	13276	Inside	4260.00	
Bullnose	5.00			4265.00	50.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, Ltd.

Busch-Vonlehe #1-30

225 N. Market, Ste. 300
Wichita, KS 67202

Sec.30 20s 23w Ness

Job Ticket: 23225

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.03.08 @ 04:55:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 14.35 in³

Resistivity: 0.00 ohm.m

Salinity: 4300.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

0 deg API

0 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M 100%M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil spots in tool.

Basech-Vanlehe #1-30

DST Test Number: 1

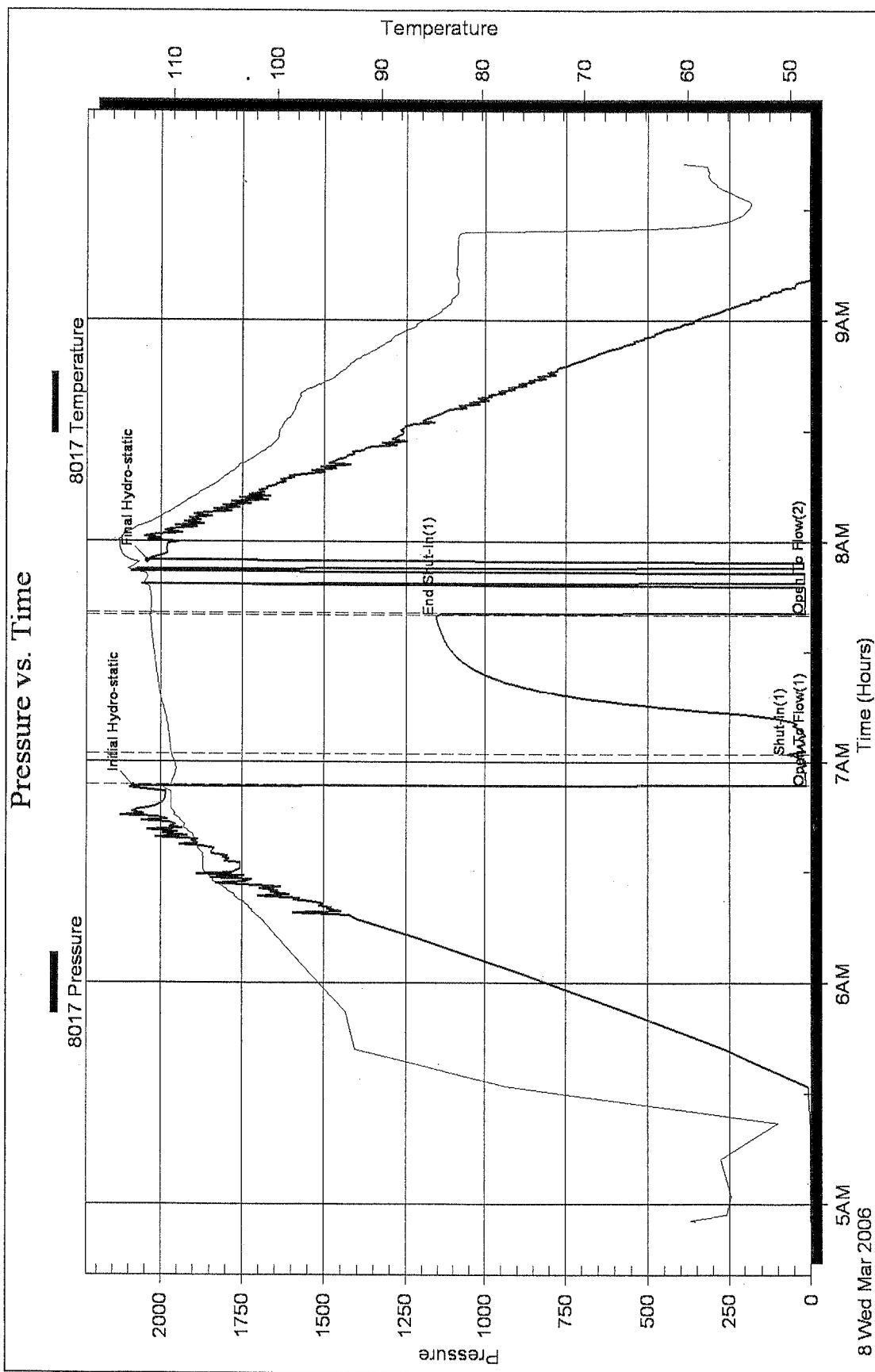
Sec.30 20s 23w Ness

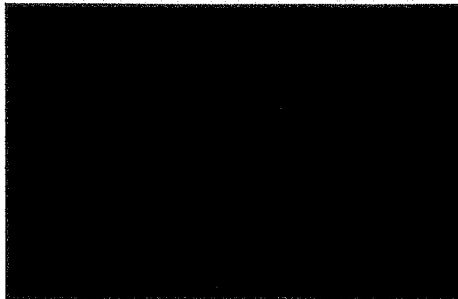
Inside Pintail Petroleum, Ltd.

Serial #: 8017

8 Wed Mar 2006

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum, Ltd.**

225 N. Market, Ste. 300
Wichita, KS 67202

ATTN: Flip Phillips

Sec.30 20s 23w Ness

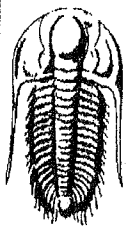
Busch-Vonlehe #1-30

Start Date: 2006.03.09 @ 02:19:01

End Date: 2006.03.09 @ 09:42:45

Job Ticket #: 23227 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

Busch-Vonlehe #1-30

Sec.30 20s 23w Ness

Job Ticket: 23227

DST#: 2

Test Start: 2006.03.09 @ 02:19:01

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:19:45

Time Test Ended: 09:42:45

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 18

Interval: 4335.00 ft (KB) To 4395.00 ft (KB) (TVD)

Total Depth: 4395.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2251.00 ft (KB)

2246.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: 44.37 psig @ 4338.00 ft (KB)

Start Date: 2006.03.09 End Date: 2006.03.09

Start Time: 02:19:01 End Time: 09:42:45

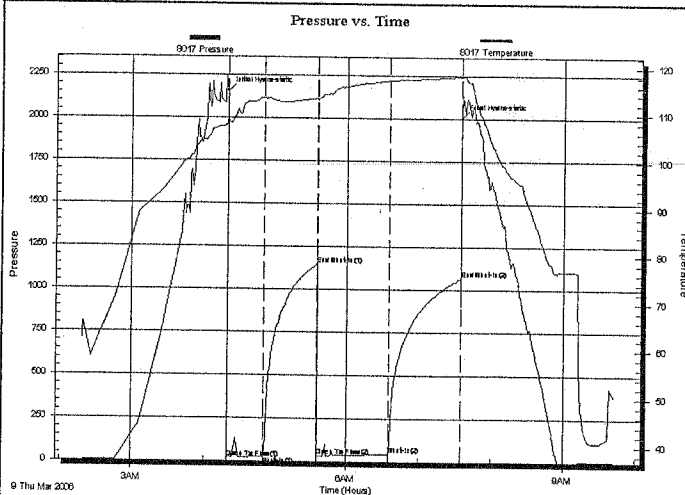
Capacity: 7000.00 psig

Last Calib.: 2006.03.09

Time On Btm: 2006.03.09 @ 04:19:15

Time Off Btm: 2006.03.09 @ 07:35:30

TEST COMMENT: IF: Surface blow built to 2" over 30 min.
IS: No return over 45 min.
FF: Weak surface blow built to 1/2" over 60 min.
FS: No return over 60 min.



PRESSURE SUMMARY

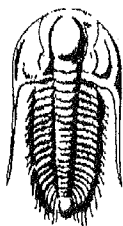
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.79	109.03	Initial Hydro-static
1	17.40	108.73	Open To Flow (1)
31	26.98	113.52	Shut-In(1)
76	1145.55	113.46	End Shut-In(1)
77	30.22	113.09	Open To Flow (2)
136	44.37	117.32	Shut-In(2)
196	1063.64	118.15	End Shut-In(2)
197	2002.56	118.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	M 100%M	0.91

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

Busch-Vonlehe #1-30

Sec.30 20s 23w Ness

Job Ticket: 23227

DST#: 2

Test Start: 2006.03.09 @ 02:19:01

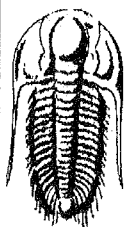
Tool Information

Drill Pipe:	Length: 4326.00 ft	Diameter: 3.80 inches	Volume: 60.68 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	56000.00 lb
		Total Volume:	60.68 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4335.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	60.00 ft				
Tool Length:	79.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4321.00	
Hydraulic tool	5.00			4326.00	
Packer	5.00			4331.00	19.00 Bottom Of Top Packer
Packer	4.00			4335.00	
Stubb	1.00			4336.00	
Perforations	2.00			4338.00	
Recorder	0.00	8017	Inside	4338.00	
Perforations	20.00			4358.00	
Change Over Sub	1.00			4359.00	
Anchor	30.00			4389.00	
Change Over Sub	1.00			4390.00	
Recorder	0.00	13276	Inside	4390.00	
Bullnose	5.00			4395.00	60.00 Bottom Packers & Anchor

Total Tool Length: 79.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum, Ltd.

Busch-Vonlehe #1-30

225 N. Market, Ste. 300
Wichita, KS 67202

Sec.30 20s 23w Ness

Job Ticket: 23227

DST#: 2

ATTN: Flip Phillips

Test Start: 2006.03.09 @ 02:19:01

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	M 100%M	0.912

Total Length: 65.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Busch-Vorleke #1-30

DST Test Number: 2

Sec. 30 20s 23w Ness

Inside Fintail Petroleum, Ltd.

Serial #: 8017

Pressure vs. Time

