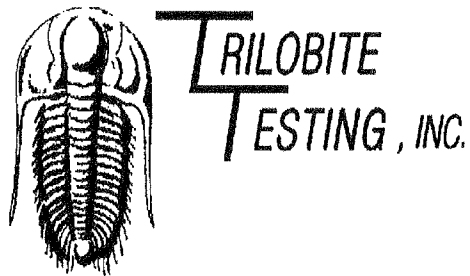


15-135-24846

3-165-26w

IND



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

3 16 26 Ness, Ks

Thornburg A# 4

Start Date: 2008.10.09 @ 22:14:21

End Date: 2008.10.10 @ 04:21:51

Job Ticket #: 33652 DST #: 1

KCC
JAN 11 2009
CONFIDENTIAL

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Pintail Petroleum LTD

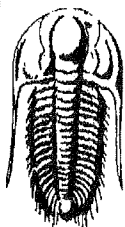
Thornburg A# 4

3 16 26 Ness, Ks

DST # 1

Mississippi

2008.10.09



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

Thornburg A # 4

3 16 26 Ness, Ks

Job Ticket: 33652

DST#: 1

Test Start: 2008.10.09 @ 22:14:21

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:21:21

Time Test Ended: 04:21:51

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **4430.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Total Depth: 4500.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2575.00 ft (KB)

2570.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8372 Inside

Press@RunDepth: 78.31 psig @ 4434.00 ft (KB)

Start Date: 2008.10.09

End Date:

2008.10.10

Start Time: 22:14:22

End Time:

04:21:51

Capacity: 7000.00 psig

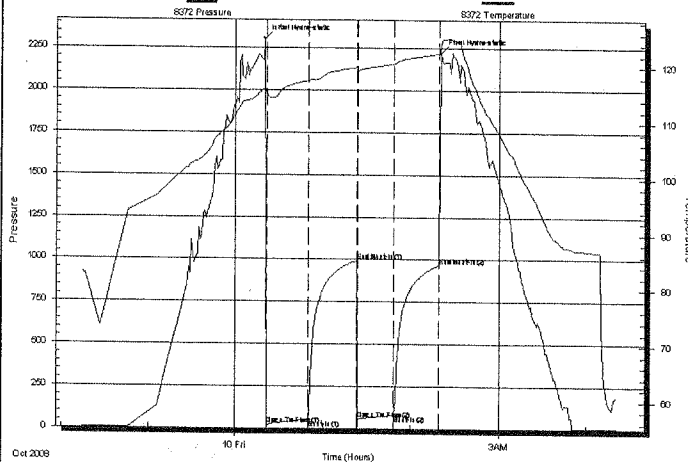
Last Calib.: 2008.10.10

Time On Btm: 2008.10.10 @ 00:19:51

Time Off Btm: 2008.10.10 @ 02:20:21

TEST COMMENT: IF-Weak building to 1 1/2"
FF-Weak steady surface blow

Pressure vs. Time



PRESSURE SUMMARY

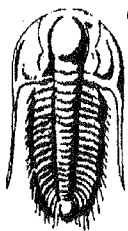
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2304.98	116.23	Initial Hydro-static
2	21.13	115.29	Open To Flow (1)
30	52.63	117.63	Shut-In(1)
63	992.43	120.05	End Shut-In(1)
64	57.15	119.57	Open To Flow (2)
89	78.31	120.65	Shut-In(2)
120	965.55	122.51	End Shut-In(2)
121	2221.95	124.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
119.00	Sitly OCM 3%o 97% m	0.59
1.00	CO	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

Thornburg A # 4

3 16 26 Ness, Ks

Job Ticket: 33652

DST#: 1

Test Start: 2008.10.09 @ 22:14:21

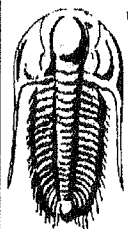
Tool Information

Drill Pipe:	Length: 4176.00 ft	Diameter: 3.80 inches	Volume: 58.58 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: 246.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	65000.00 lb	
			Total Volume:	59.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	60000.00 lb	
Depth to Top Packer:	4430.00 ft			Final	60000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	70.00 ft					
Tool Length:	91.00 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			4410.00	
Shut In Tool	5.00			4415.00	
Hydraulic tool	5.00			4420.00	
Packer	5.00			4425.00	21.00 Bottom Of Top Packer
Packer	5.00			4430.00	
Stubb	1.00			4431.00	
Perforations	2.00			4433.00	
Change Over Sub	1.00			4434.00	
Recorder	0.00	8372	Inside	4434.00	
Recorder	0.00	8368	Outside	4434.00	
Drill Pipe	62.00			4496.00	
Change Over Sub	1.00			4497.00	
Bullnose	3.00			4500.00	70.00 Bottom Packers & Anchor

Total Tool Length: 91.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Thornburg A # 4

225 N Market Ste 300
Wichita Ks 67202

3 16 26 Ness, Ks

Job Ticket: 33652

DST#: 1

ATTN: Flip Phillips

Test Start: 2008.10.09 @ 22:14:21

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 5.19 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 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
119.00	Silty OCM 3%o 97% m	0.585
1.00	CO	0.005

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

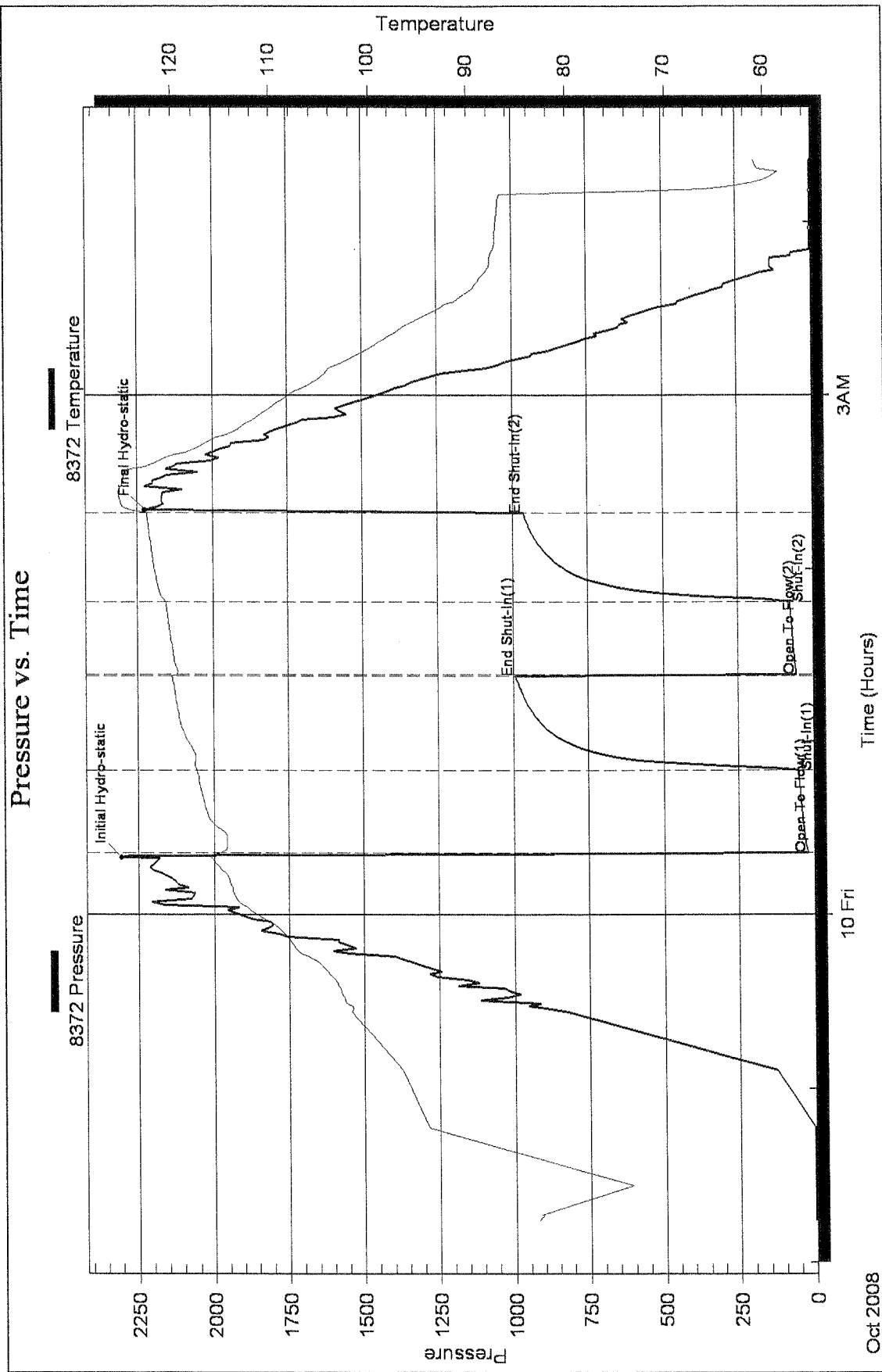
Serial #:

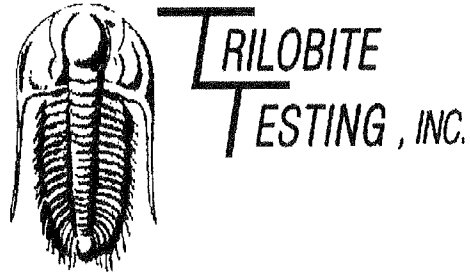
Laboratory Name:

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

3 16 26 Ness, Ks

Thornburg A # 4

Start Date: 2008.10.10 @ 11:22:40

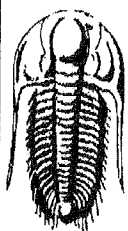
End Date: 2008.10.10 @ 18:17:40

Job Ticket #: 33653 DST #: 2

Trilobite Testing, Inc

PO Box 1733 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

Thornburg A # 4

3 16 26 Ness, Ks

Job Ticket: 33653

DST#: 2

Test Start: 2008.10.10 @ 11:22:40

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:19:40

Time Test Ended: 18:17:40

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: **4497.00 ft (KB) To 4510.00 ft (KB) (TVD)**

Total Depth: 4510.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2575.00 ft (KB)

2570.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8372

Inside

Press@RunDepth: 150.71 psig @ 4503.00 ft (KB)

Start Date: 2008.10.10

End Date:

2008.10.10

Start Time: 11:22:41

End Time:

18:17:40

Capacity: 7000.00 psig

Last Calib.: 2008.10.10

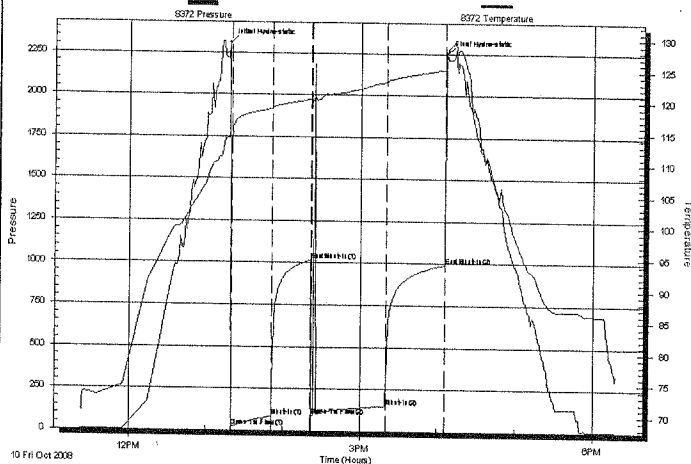
Time On Btm: 2008.10.10 @ 13:18:40

Time Off Btm: 2008.10.10 @ 16:06:40

TEST COMMENT: IF-Weak building to 1 1/2"

FF-Weak surface blow -flushed tool - weak building to 1"

Pressure vs. Time



PRESSURE SUMMARY

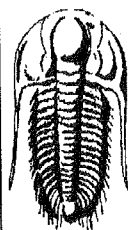
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2307.06	114.18	Initial Hydro-static
1	21.24	113.29	Open To Flow (1)
33	87.16	118.86	Shut-In (1)
63	1017.03	120.39	End Shut-In (1)
64	90.50	120.02	Open To Flow (2)
121	150.71	123.09	Shut-In (2)
167	991.71	125.21	End Shut-In (2)
168	2249.16	127.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
298.00	Wtr	1.94
2.00	CO	0.03

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

Thornburg A # 4

225 N Market Ste 300
Wichita Ks 67202

3 16 26 Ness, Ks

Job Ticket: 33653

DST#: 2

ATTN: Flip Phillips

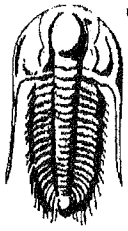
Test Start: 2008.10.10 @ 11:22:40

Tool Information

Drill Pipe:	Length: 4238.00 ft	Diameter: 3.80 inches	Volume: 59.45 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: 246.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 60.66 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4497.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	34.00 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			4477.00	
Shut In Tool	5.00			4482.00	
Hydraulic tool	5.00			4487.00	
Packer	5.00			4492.00	21.00 Bottom Of Top Packer
Packer	5.00			4497.00	
Stubb	1.00			4498.00	
Perforations	5.00			4503.00	
Recorder	0.00	8368	Outside	4503.00	
Recorder	0.00	8372	Inside	4503.00	
Perforations	4.00			4507.00	
Bullnose	3.00			4510.00	13.00 Bottom Packers & Anchor

Total Tool Length: 34.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 N Market Ste 300
Wichita Ks 67202

ATTN: Flip Phillips

Thornburg A # 4

3 16 26 Ness, Ks

Job Ticket: 33653

DST#: 2

Test Start: 2008.10.10 @ 11:22:40

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
298.00	Wtr	1.939
2.00	CO	0.028

Total Length: 300.00 ft

Total Volume: 1.967 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

