

15-195-22377



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 15 21 Trego KS

Parsons
Parson CJ # 1-29

Start Date: 2006.08.04 @ 06:42:15

End Date: 2006.08.04 @ 12:24:15

Job Ticket #: 26826 DST #: 1

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

Pintail Petroleum LTD

Parsons
Parson CJ # 1-29

29 15 21 Trego KS

DST # 1

Cher Sd

2006.08.04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Parson CJ # 1-29

29 15 21 Trego KS

Job Ticket: 26826

DST#: 1

Test Start: 2006.08.04 @ 06:42:15

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:24:25

Time Test Ended: 12:24:15

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **4177.00 ft (KB) To 4251.00 ft (KB) (TVD)**

Total Depth: 4251.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2375.00 ft (KB)

2370.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 22.81 psig @ 4180.00 ft (KB)

Start Date: 2006.08.04

End Date:

2006.08.04

Capacity: 7000.00 psig

Last Calib.: 2006.08.04

Start Time: 06:42:17

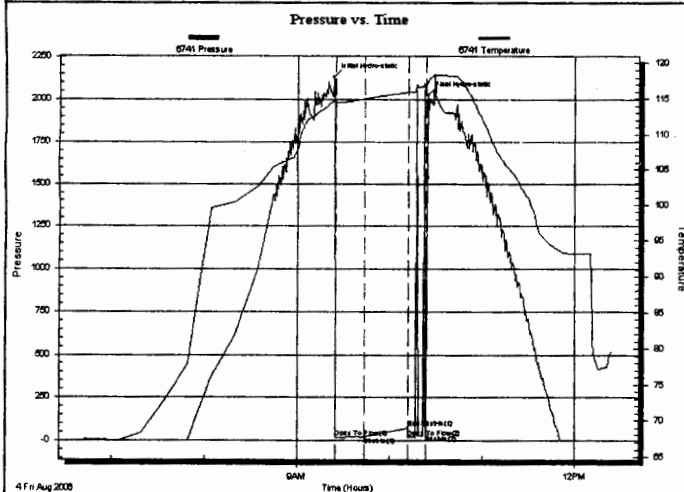
End Time:

12:24:15

Time On Btm: 2006.08.04 @ 09:23:25

Time Off Btm: 2006.08.04 @ 10:24:15

TEST COMMENT: IF Weak died in 15 min
FF No blow flushed tool twice
Times 15 30 15 0



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2133.69	114.79	Initial Hydro-static
1	17.60	114.43	Open To Flow (1)
21	22.81	114.98	Shut-In(1)
49	72.81	115.92	End Shut-In(1)
49	19.89	115.91	Open To Flow (2)
61	31.28	116.80	Shut-In(2)
61	2028.32	117.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.05

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

Parson CJ # 1-29

225 N Market Ste 300
Wichita KS 67202

29 15 21 Trego KS

Job Ticket: 26826

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.08.04 @ 06:42:15

Tool Information

Drill Pipe:	Length: 4046.00 ft	Diameter: 3.80 inches	Volume: 56.75 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 57.36 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4177.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Hit bridge @ 2500'				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4149.00	
Shut In Tool	5.00			4154.00	
Hydraulic tool	5.00			4159.00	
Jars	5.00			4164.00	
Safety Joint	3.00			4167.00	
Packer	5.00			4172.00	29.00 Bottom Of Top Packer
Packer	5.00			4177.00	
Stubb	1.00			4178.00	
Perforations	1.00			4179.00	
Change Over Sub	1.00			4180.00	
Recorder	0.00	6741	Inside	4180.00	
Drill Pipe	62.00			4242.00	
Change Over Sub	1.00			4243.00	
Recorder	0.00	13254	Outside	4243.00	
Perforations	5.00			4248.00	
Bullnose	3.00			4251.00	74.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Parson CJ # 1-29

225 N Market Ste 300
Wichita KS 67202

29 15 21 Trego KS

Job Ticket: 26826

DST#: 1

ATTN: Flip Phillips

Test Start: 2006.08.04 @ 06:42:15

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: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

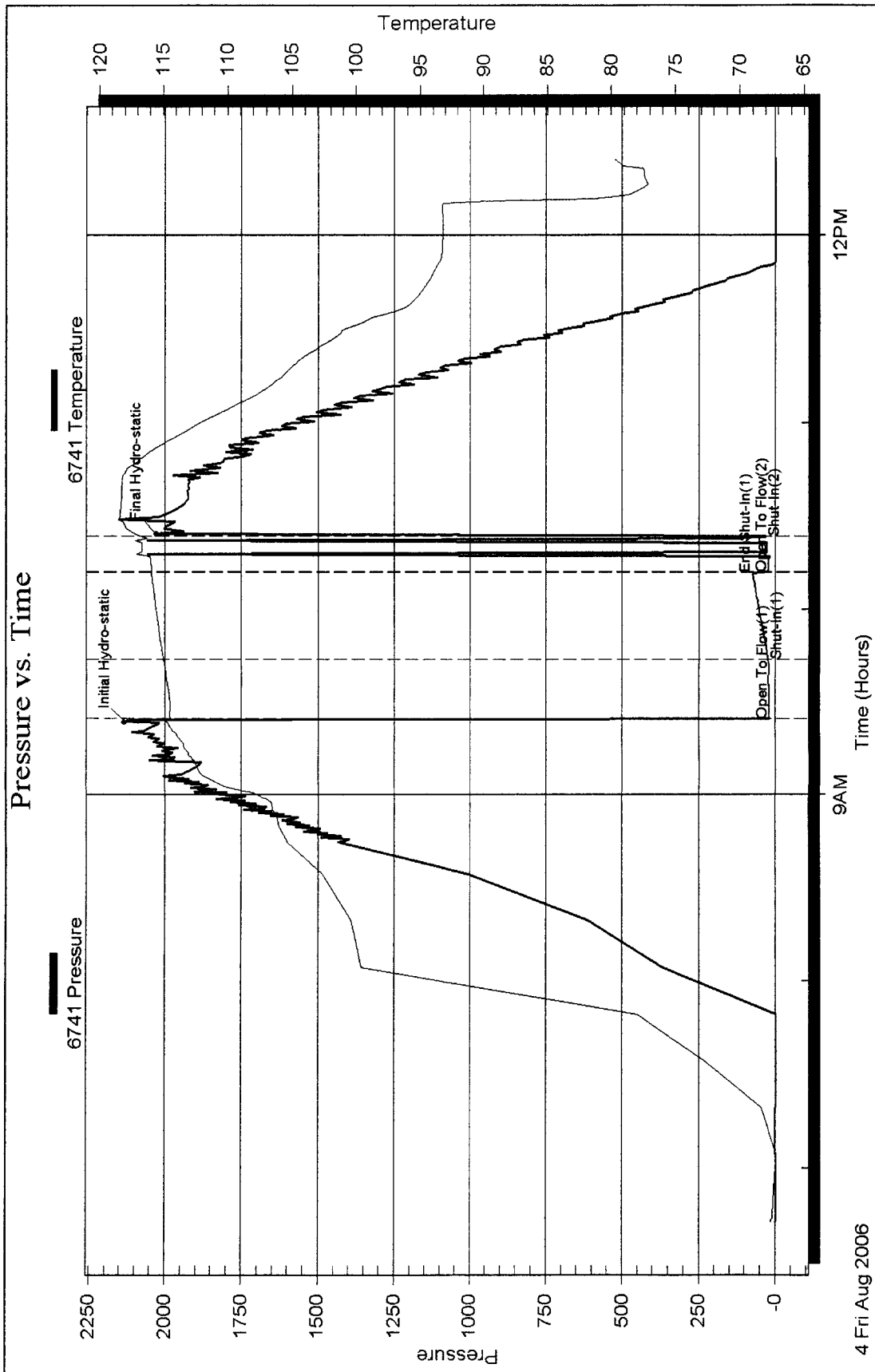
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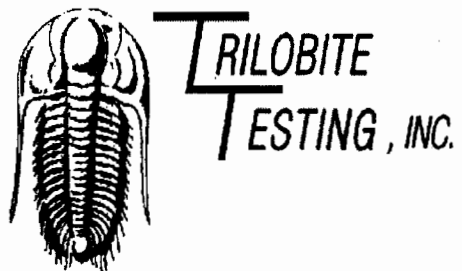
Inside

Front Petroleum LTD

29 15 21 Trego KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 15 21 Trego KS

Parson CJ # 1-29

Start Date: 2006.08.04 @ 19:38:25

End Date: 2006.08.05 @ 02:35:25

Job Ticket #: 26827 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

Parson CJ # 1-29

29 15 21 Trego KS

Job Ticket: 26827

DST#: 2

Test Start: 2006.08.04 @ 19:38:25

GENERAL INFORMATION:

Formation: **Cher Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:40

Time Test Ended: 02:35:25

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **4178.00 ft (KB) To 4273.00 ft (KB) (TVD)**

Total Depth: 4273.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2375.00 ft (KB)

2370.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 596.91 psig @ 4181.00 ft (KB)

Start Date: 2006.08.04

End Date:

2006.08.05

Start Time: 19:38:27

End Time:

02:35:25

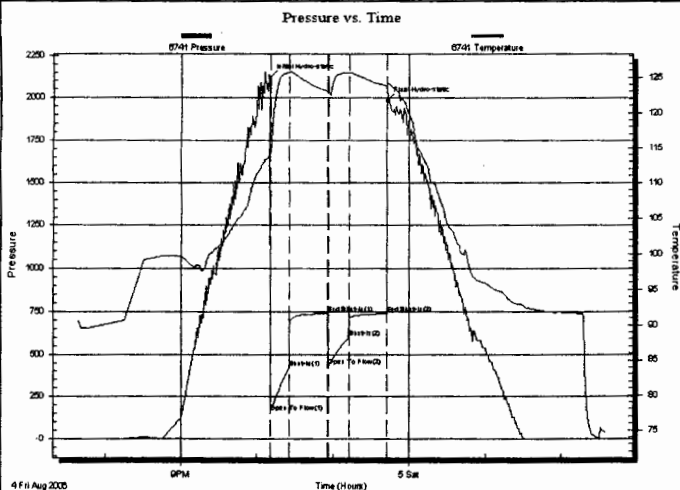
Capacity: 7000.00 psig

Last Calib.: 2006.08.05

Time On Btm: 2006.08.04 @ 22:10:05

Time Off Btm: 2006.08.04 @ 23:42:10

TEST COMMENT: IF Strong B-B in 1.5 min
FF Blow building - head jt loose - blow building to B-B in 15 min
Times 15 30 15 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2118.55	113.73	Initial Hydro-static
1	158.38	113.43	Open To Flow (1)
16	417.41	125.69	Shut-In(1)
46	738.47	123.01	End Shut-In(1)
47	428.77	122.88	Open To Flow (2)
63	596.91	125.64	Shut-In(2)
92	737.05	123.77	End Shut-In(2)
93	1982.57	124.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
615.00	Wtr	7.50
185.00	Mdy Wtr	2.60

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

Parson CJ # 1-29

29 15 21 Trego KS

Job Ticket: 26827

DST#: 2

Test Start: 2006.08.04 @ 19:38:25

Tool Information

Drill Pipe:	Length: 4046.00 ft	Diameter: 3.80 inches	Volume: 56.75 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 57.36 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4178.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	124.00 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			4150.00	
Shut In Tool	5.00			4155.00	
Hydraulic tool	5.00			4160.00	
Jars	5.00			4165.00	
Safety Joint	3.00			4168.00	
Packer	5.00			4173.00	29.00 Bottom Of Top Packer
Packer	5.00			4178.00	
Stubb	1.00			4179.00	
Perforations	1.00			4180.00	
Change Over Sub	1.00			4181.00	
Recorder	0.00	6741	Inside	4181.00	
Drill Pipe	62.00			4243.00	
Change Over Sub	1.00			4244.00	
Recorder	0.00	13254	Outside	4244.00	
Perforations	26.00			4270.00	
Bullnose	3.00			4273.00	95.00 Bottom Packers & Anchor
Total Tool Length:	124.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

Parson CJ # 1-29

225 N Market Ste 300
Wichita KS 67202

29 15 21 Trego KS

Job Ticket: 26827

DST#: 2

ATTN: Flip Phillips

Test Start: 2006.08.04 @ 19:38:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

60000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
615.00	Wtr	7.497
185.00	Mdy Wtr	2.595

Total Length: 800.00 ft Total Volume: 10.092 bbl

Num Fluid Samples: 0

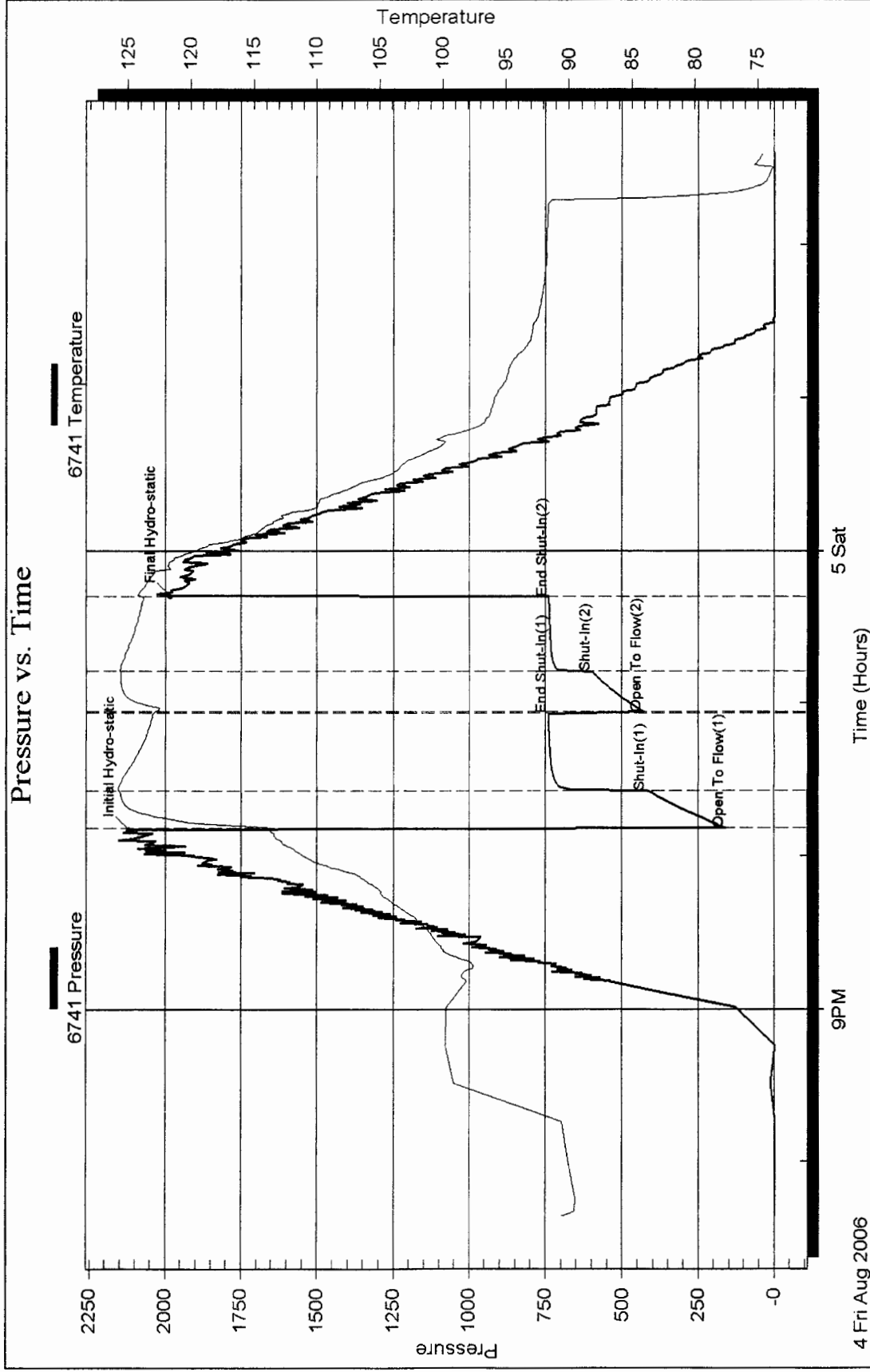
Num Gas Bombs: 0

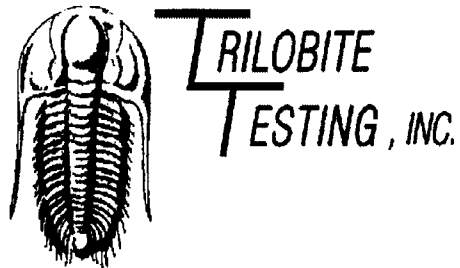
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .15 @ 80 = 60000ppm





DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 15 21 Trego KS

Parson CJ # 1-29

Start Date: 2006.08.05 @ 11:43:25

End Date: 2006.08.05 @ 18:49:25

Job Ticket #: 26828 DST #: 3

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



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DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 N Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Parson CJ # 1-29

29 15 21 Trego KS

Job Ticket: 26828

DST#: 3

Test Start: 2006.08.05 @ 11:43:25

GENERAL INFORMATION:

Formation: **Katina Sd**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:18:10

Time Test Ended: 18:49:25

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: **4280.00 ft (KB) To 4303.00 ft (KB) (TVD)**

Total Depth: 4303.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2375.00 ft (KB)

2370.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6741

Inside

Press@RunDepth: 262.75 psig @ 4281.00 ft (KB)

Start Date: 2006.08.05

End Date:

2006.08.05

Start Time: 11:43:27

End Time:

18:49:25

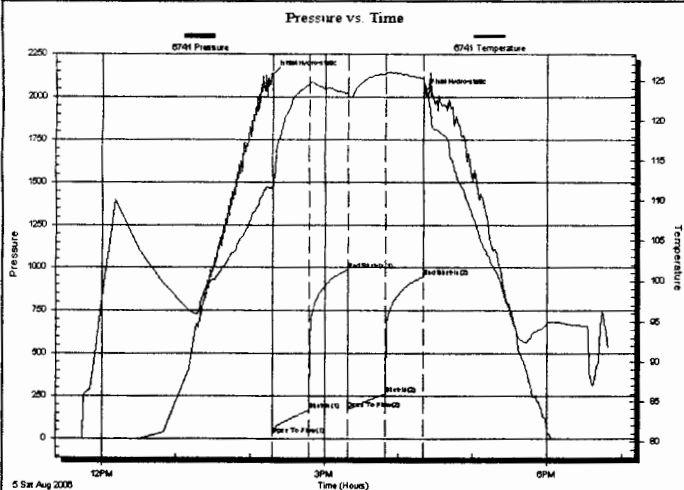
Capacity: 7000.00 psig

Last Calib.: 2006.08.05

Time On Btm: 2006.08.05 @ 14:17:55

Time Off Btm: 2006.08.05 @ 16:20:10

TEST COMMENT: IF Strong B-B in 14 min
FF Weak building to 10 fair blow
Times 30 30 30 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.33	111.80	Initial Hydro-static
1	21.07	111.08	Open To Flow (1)
30	167.26	124.53	Shut-In (1)
61	987.75	123.32	End Shut-In (1)
62	169.99	123.09	Open To Flow (2)
92	262.75	125.83	Shut-In (2)
122	948.38	125.27	End Shut-In (2)
123	2026.24	125.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	Wtr	5.83

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

Parson CJ # 1-29

225 N Market Ste 300
Wichita KS 67202

29 15 21 Trego KS

Job Ticket: 26828

DST#: 3

ATTN: Flip Phillips

Test Start: 2006.08.05 @ 11:43:25

Tool Information

Drill Pipe:	Length: 4139.00 ft	Diameter: 3.80 inches	Volume: 58.06 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: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 58.67 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4280.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	52.00 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			4252.00	
Shut In Tool	5.00			4257.00	
Hydraulic tool	5.00			4262.00	
Jars	5.00			4267.00	
Safety Joint	3.00			4270.00	
Packer	5.00			4275.00	29.00 Bottom Of Top Packer
Packer	5.00			4280.00	
Stubb	1.00			4281.00	
Recorder	0.00	6741	Inside	4281.00	
Perforations	19.00			4300.00	
Recorder	0.00	13254	Outside	4300.00	
Bullnose	3.00			4303.00	23.00 Bottom Packers & Anchor

Total Tool Length: 52.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Pntail Petroleum LTD

Parson CJ # 1-29

225 N Market Ste 300
Wichita KS 67202

29 15 21 Trego KS

Job Ticket: 26828

DST#: 3

ATTN: Flip Phillips

Test Start: 2006.08.05 @ 11:43:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

36000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	Wtr	5.828

Total Length: 496.00 ft

Total Volume:

5.828 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .13 @ 94 = 36000ppm

Serial #: 6741

Inside

Pntail Petroleum LTD

29 15 21 Trego KS

DST Test Number: 3

