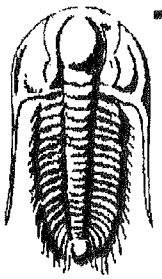
15-195-22432

29-14s-21w



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum LTD**

225 Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

29 14S 21W Trego KS

Schmidt RP #6-29

Start Date: 2007.02.26 @ 21:48:29
End Date: 2007.02.27 @ 06:31:54
Job Ticket #: 28213 DST #: 1

KCC
MAY 16 2007
CONFIDENTIAL

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

Pintail Petroleum LTD
Schmidt RP #6-29
29 14S 21W Trego KS
DST #1
Cher Sd
2007.02.26

DRILL STEM TEST REPORT

Pintail Petroleum LTD

225 Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP #6-29

29 14S 21W Trego KS

Job Ticket: 28213 **DST#: 1**

Test Start: 2007.02.26 @ 21:48:29

GENERAL INFORMATION:

Formation: **Cher Sd**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:24:54
Time Test Ended: 06:31:54

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

Interval: 3902.00 ft (KB) To 3962.00 ft (KB) (TVD)
Total Depth: 3962.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Poor

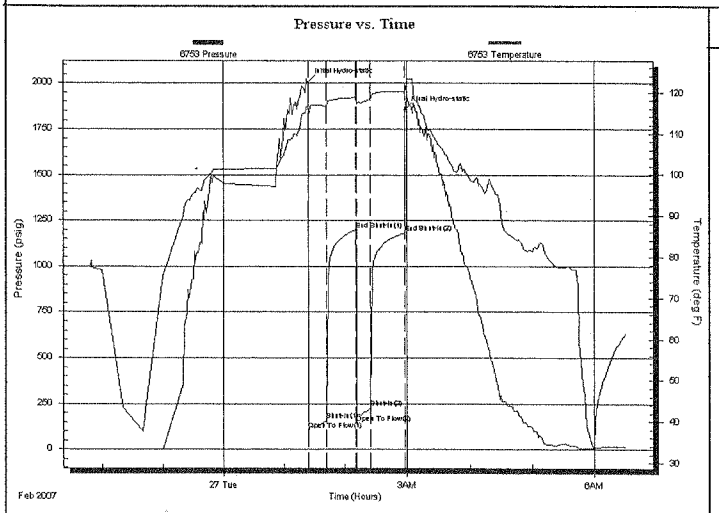
Reference Elevations: 2114.00 ft (KB)
2108.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 6753 **Inside**

Press@RunDepth: 225.48 psig @ 3906.01 ft (KB)
Start Date: 2007.02.26 End Date: 2007.02.27
Start Time: 21:48:29 End Time: 06:31:54

Capacity: 7000.00 psig
Last Calib.: 2007.02.27
Time On Btm: 2007.02.27 @ 01:24:24
Time Off Btm: 2007.02.27 @ 02:57:53

TEST COMMENT: IFP Strg bl in 3 min
FFP Strg bl in 2 min
ISIP Wk bl bk 1/4 " bl
FSIP Wk bl bk 1/2 " bl Time 15 30 15 30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2004.98	116.68	Initial Hydro-static
1	107.76	115.21	Open To Flow (1)
18	161.41	116.70	Shut-In(1)
47	1199.13	118.72	End Shut-In(1)
48	188.22	117.23	Open To Flow (2)
61	225.48	118.30	Shut-In(2)
93	1181.19	120.26	End Shut-In(2)
94	1853.69	120.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
129.00	MGO 15%G 30%M 55%O	2.22
124.00	MGO 20%G 7%M 73%O	2.13
248.00	CO	4.27
0.00	365 ' GIP	0.00

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum LTD

225 Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP #6-29

29 14S 21W Trego KS

Job Ticket: 28213 **DST#: 1**

Test Start: 2007.02.26 @ 21:48:29

Tool Information

Drill Pipe:	Length:	3888.00 ft	Diameter:	4.21 inches	Volume:	66.94 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	66.94 bbl	

Drill Pipe Above KB:	14.00 ft
Depth to Top Packer:	3902.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	60.02 ft
Tool Length:	88.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2200.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	60000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	53000.00 lb
Final	55000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3875.00		
Shut In Tool	5.00			3880.00		
Hydraulic tool	5.00			3885.00		
Jars	5.00			3890.00		
Safety Joint	2.00			3892.00		
Packer	5.00			3897.00	28.00	Bottom Of Top Packer
Packer	5.00			3902.00		
Stubb	1.00			3903.00		
Perforations	3.00			3906.00		
Recorder	0.01	6753	Inside	3906.01		
Blank Spacing	33.00			3939.01		
Recorder	0.01	13534	Outside	3939.02		
Perforations	20.00			3959.02		
Bullnose	3.00			3962.02	60.02	Bottom Packers & Anchor
Total Tool Length:	**88.02**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum LTD

225 Market Ste 300
Wichita KS 67202

ATTN: Flip Phillips

Schmidt RP #6-29

29 14S 21W Trego KS

Job Ticket: 28213 **DST#: 1**

Test Start: 2007.02.26 @ 21:48:29

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	39 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	44.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	13.16 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7700.00 ppm				
Filter Cake:	2.00 inches				

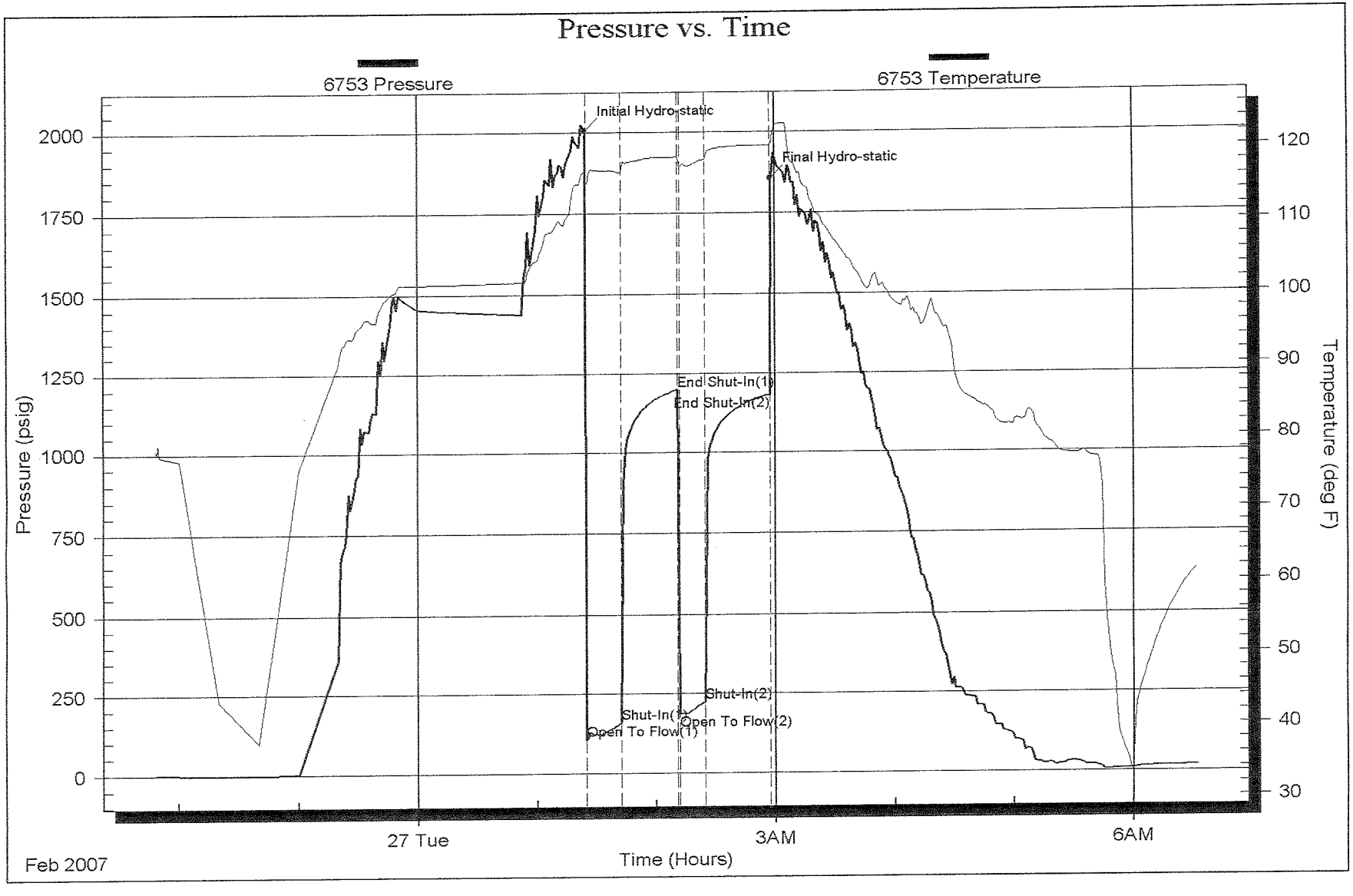
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
129.00	MGO 15%G 30%M 55%O	2.221
124.00	MGO 20%G 7%M 73%O	2.135
248.00	CO	4.270
0.00	365 ' GIP	0.000

Total Length: 501.00 ft Total Volume: 8.626 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:


Pressure vs. Time
6753 Pressure
6753 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(2)
Shut-In(1)
Open To Flow (2)
Open To Flow (1)
Pressure (psig)
Temperature (deg F)
2000
1750
1500
1250
1000
750
500
250
0
120
110
100
90
80
70
60
50
40
30
27 Tue
3AM
6AM
Time (Hours)
Feb 2007