15-195-22549 6-14s-22w

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum Ltd**

225 N Market Ste 300
Wichita KS 67202-2024

ATTN: Flip Phillips

6 14S 22W Trego KS

Lander VK Unit # 1-6

Start Date: 2008.05.28 @ 20:27:54
End Date: 2008.05.29 @ 04:39:48
Job Ticket #: 32814 DST #: 1

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

Pintail Petroleum Ltd
Lander VK Unit # 1-6
6 14S 22W Trego KS
DST # 1
LKC
2008.05.28

DRILL STEM TEST REPORT

Pintail Petroleum Ltd

225 N Market Ste 300
Wichita KS 67202-2024

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Lander VK Unit # 1-6

6 14S 22W Trego KS

Job Ticket: 32814 **DST#: 1**

Test Start: 2008.05.28 @ 20:27:54

GENERAL INFORMATION:

Formation: **LKC**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:55:49
Time Test Ended: 04:39:48

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Interval: 3734.00 ft (KB) To 3780.00 ft (KB) (TVD)
Total Depth: 3780.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

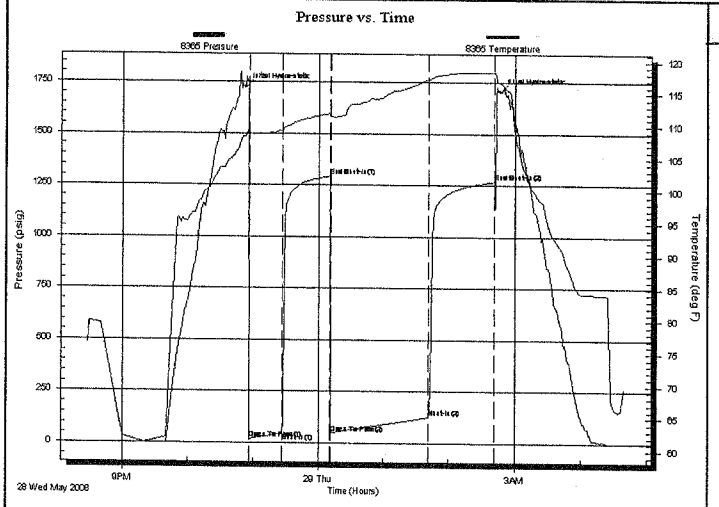
Reference Elevations: 2295.00 ft (KB)
2290.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8365 **Inside**

Press@RunDepth: 126.12 psig @ 3746.01 ft (KB)
Start Date: 2008.05.28 End Date: 2008.05.29
Start Time: 20:27:54 End Time: 04:39:48

Capacity: 7000.00 psig
Last Calib.: 2008.05.29
Time On Btm: 2008.05.28 @ 22:52:19
Time Off Btm: 2008.05.29 @ 02:46:48

TEST COMMENT: IFP Wk bl thru-out 1/4 " to 2 1/2 " bl
FFP Surface to 1 " bl
Times 30 45 90 60
No bl on shut-in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.49	108.42	Initial Hydro-static
4	17.11	108.74	Open To Flow (1)
34	46.65	109.35	Shut-In(1)
79	1292.10	111.93	End Shut-In(1)
79	48.90	111.54	Open To Flow (2)
170	126.12	117.24	Shut-In(2)
230	1268.37	118.32	End Shut-In(2)
235	1705.99	116.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MW 20%M 80%W	0.63
180.00	Water	2.52

Gas Rates

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

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TOOL DIAGRAM

Pintail Petroleum Ltd

225 N Market Ste 300
Wichita KS 67202-2024

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Lander VK Unit # 1-6

6 14S 22W Trego KS

Job Ticket: 32814 **DST#: 1**

Test Start: 2008.05.28 @ 20:27:54

Tool Information

Drill Pipe:	Length:	3721.00 ft	Diameter:	3.80 inches	Volume:	52.20 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:	52.20 bbl	

Drill Pipe Above KB:	8.00 ft
Depth to Top Packer:	3734.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	46.02 ft
Tool Length:	67.02 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:	80000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	50000.00 lb
Final	51000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3714.00		
Shut In Tool	5.00			3719.00		
Hydraulic tool	5.00			3724.00		
Packer	5.00			3729.00	21.00	Bottom Of Top Packer
Packer	5.00			3734.00		
Stubb	1.00			3735.00		
Perforations	11.00			3746.00		
Recorder	0.01	8365	Inside	3746.01		
Recorder	0.01	6625	Outside	3746.02		
Blank Spacing	31.00			3777.02		
Bullnose	3.00			3780.02	46.02	Bottom Packers & Anchor
Total Tool Length:	**67.02**					

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DRILL STEM TEST REPORT

FLUID SUMMARY

Pintail Petroleum Ltd

225 N Market Ste 300
Wichita KS 67202-2024

ATTN: Flip Phillips

Lander VK Unit # 1-6

6 14S 22W Trego KS

Job Ticket: 32814 **DST#: 1**

Test Start: 2008.05.28 @ 20:27:54

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:	53000 ppm
Viscosity:	63.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.99 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1000.00 ppm				
Filter Cake:	2.00 inches				

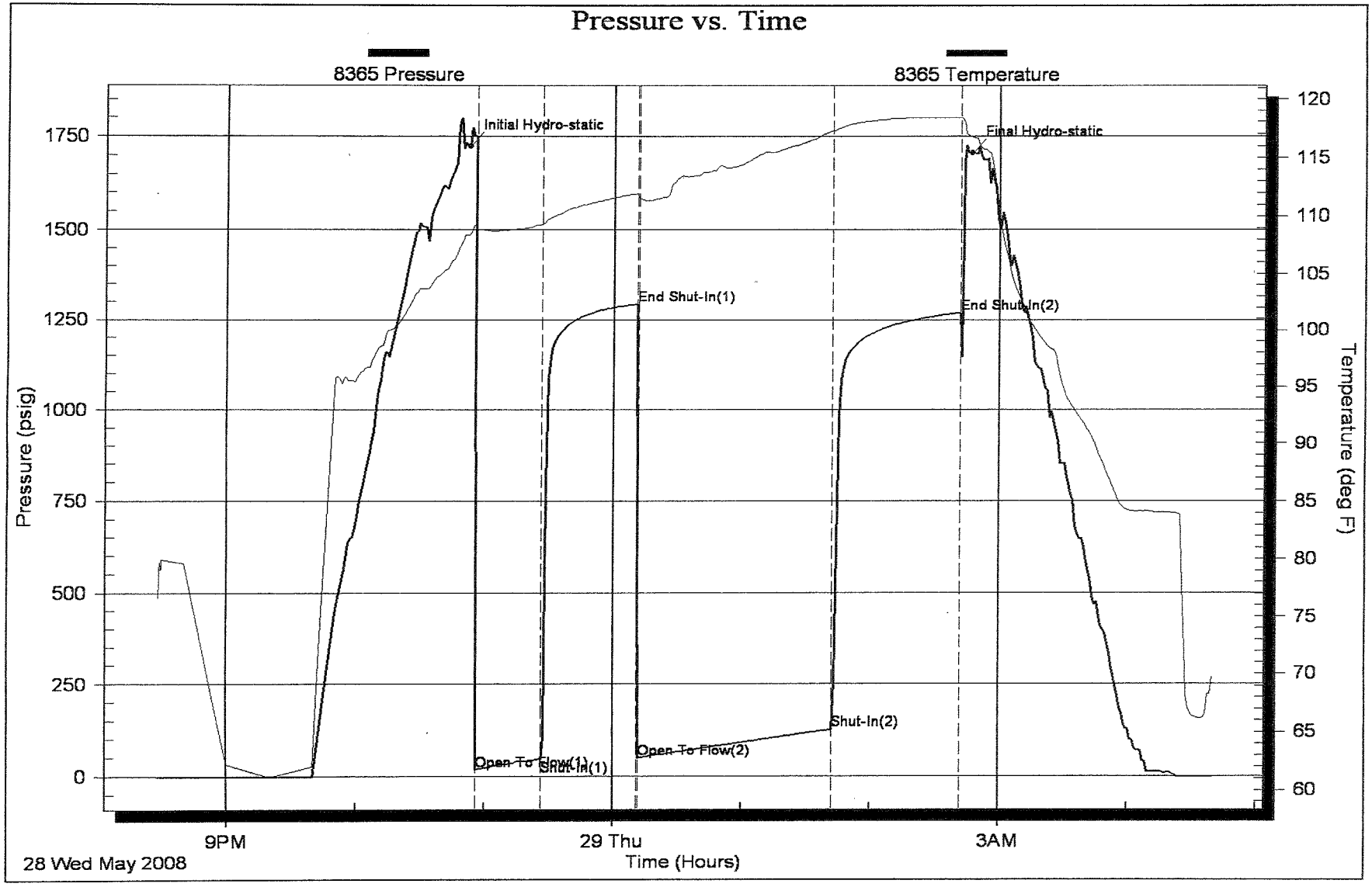
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MW 20%M 80%W	0.631
180.00	Water	2.525

Total Length: 225.00 ft Total Volume: 3.156 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: .13 @ 76F


Pressure vs. Time
8365 Pressure
8365 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
1750
1500
1250
1000
750
500
250
0
120
115
110
105
100
95
90
85
80
75
70
65
60
9PM
29 Thu
3AM
28 Wed May 2008
Time (Hours)