



DRILL STEM TEST REPORT

Prepared For: **Pintail Petroleum, LTD**

225 N Market St. STE 300
Wichita, KS 67202

ATTN: Seth Evenson

Kerr DG #2-10

10 19s 24w Ness,KS

Start Date: 2013.06.07 @ 19:17:00

End Date: 2013.06.08 @ 02:58:30

Job Ticket #: 53243 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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Printed: 2013.06.10 @ 11:51:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pintail Petroleum, LTD
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Tool Information

Drill Pipe:	Length: 3987.00 ft	Diameter: 3.80 inches	Volume: 55.93 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: 25000.00 lb
Drill Collar:	Length: 296.00 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 57.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4281.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4262.00	
Shut In Tool	5.00			4267.00	
Hydraulic tool	5.00			4272.00	
Packer	5.00			4277.00	20.00 Bottom Of Top Packer
Packer	4.00			4281.00	
Stubb	1.00			4282.00	
Recorder	0.00	8677	Inside	4282.00	
Recorder	0.00	8522	Outside	4282.00	
Perforations	2.00			4284.00	
Change Over Sub	1.00			4285.00	
Drill Pipe	63.00			4348.00	
Change Over Sub	1.00			4349.00	
Bullnose	3.00			4352.00	71.00 Bottom Packers & Anchor

Total Tool Length: 91.00



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FLUID SUMMARY

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Kerr DG #2-10
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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: 18000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 1.00 inches		

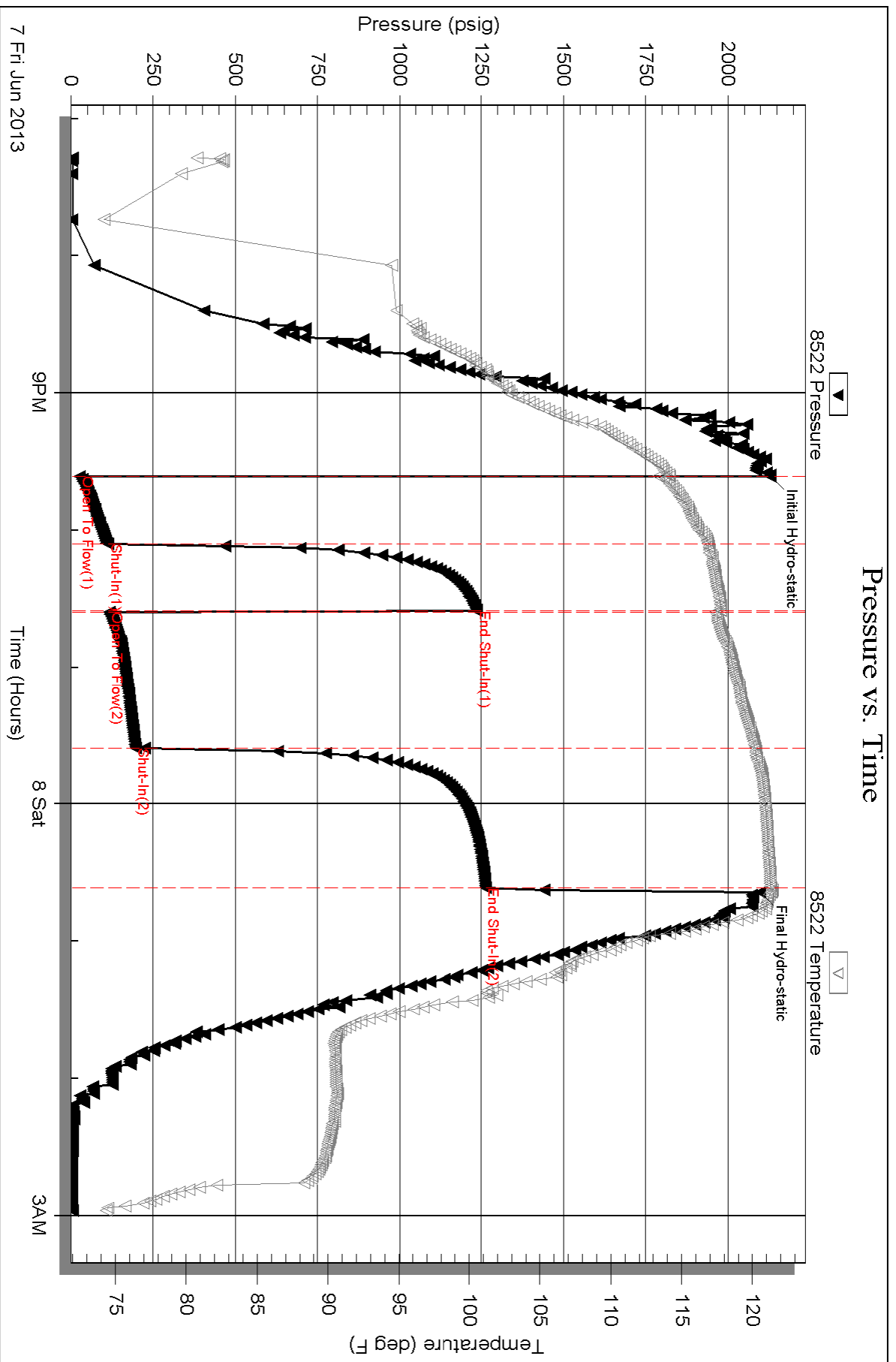
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	ow cm 15o 35w 50m	0.590
120.00	gsw ocm 5g 5w 40o 50m	0.590
160.00	gocm 5g 35o 60m	1.734

Total Length: 400.00 ft Total Volume: 2.914 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw is .438 @ 63F = 18000ppm

Pressure vs. Time



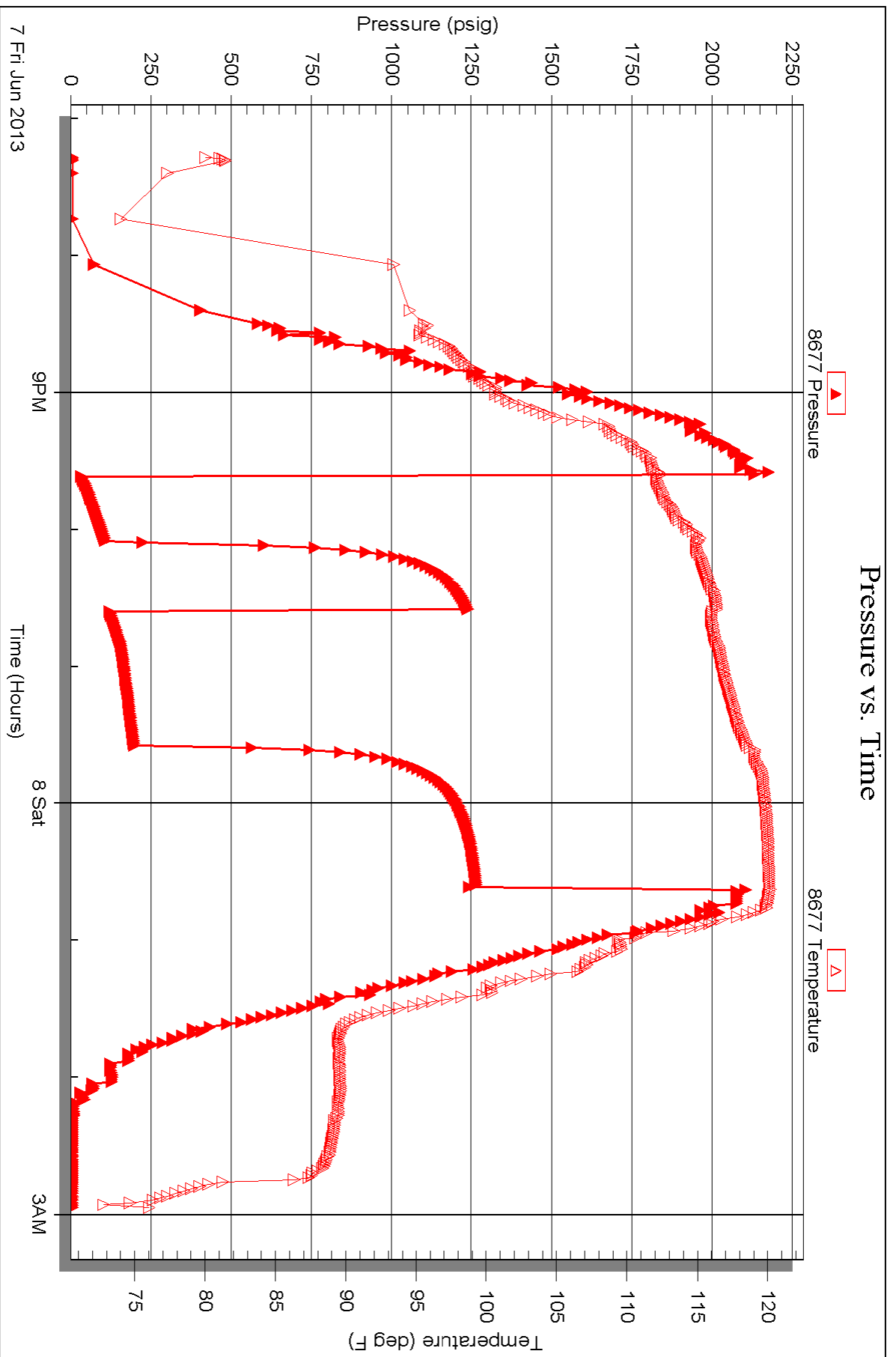
Serial #: 8677

Inside

Phntail Petroleum, LTD

Kerr DG#2-10

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53243

Well Name & No. Kerr DG 2-10 Test No. 1 Date 6/08/13
 Company Pintail Petroleum, LTD Elevation 2299 KB 2294 GL
 Address 225 N. Market St. STE 300 Wichita, Ks 67202
 Co. Rep / Geo. Seth Evenson Rig Mallard
 Location: Sec. 10 Twp. 19s Rge. 24w Co. Ness State Ks

Interval Tested 4281 - 4352 Zone Tested Mississippian
 Anchor Length 71' Drill Pipe Run 3987 Mud Wt. 9.3
 Top Packer Depth 4276 Drill Collars Run 296 Vis 52
 Bottom Packer Depth 4281 Wt. Pipe Run Ø WL 8.0
 Total Depth 4352 Chlorides 3500 ppm System LCM Ø
 Blow Description IF: 8" blow
ISI: No return.
FF: 9" blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>160</u>	<u>60CM</u>	<u>5</u>	<u>35</u>	<u>60</u>	<u>0</u>
<u>120</u>	<u>65WOCM</u>	<u>5</u>	<u>40</u>	<u>5</u>	<u>50</u>
<u>120</u>	<u>0WCM</u>	<u>0</u>	<u>15</u>	<u>35</u>	<u>50</u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 400 BHT 121 Gravity — API RW 438 @ 63 °F Chlorides 18,000 ppm
 (A) Initial Hydrostatic 2130 Test 1250 T-On Location 1900
 (B) First Initial Flow 27 Jars T-Started 1917
 (C) First Final Flow 113 Safety Joint T-Open 2136
 (D) Initial Shut-In 1237 Circ Sub N/C T-Pulled 0036 6/08
 (E) Second Initial Flow 117 Hourly Standby T-Out 0259
 (F) Second Final Flow 197 Mileage 103 159.65 Comments
 (G) Final Shut-In 1263 Sampler ~~600 15 min.~~
 (H) Final Hydrostatic 2098 Straddle changed anchor
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Initial Open 30 Extra Packer
 Initial Shut-In 30 Extra Recorder Sub Total 0
 Final Flow 60 Day Standby Total 1409.65
 Final Shut-In 60 Accessibility MP/DST Disc't
 Sub Total 1409.65

Approved By _____ Our Representative [Signature]
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