



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 se 84th St Newton KS 67114+8827

ATTN:

**Peters-Allen #1**

**22-16-26 Ness**

Start Date: 2012.08.30 @ 17:05:00

End Date: 2012.08.31 @ 03:09:00

Job Ticket #: 17805                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.08.31 @ 10:15:29









# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

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**Peters-Allen #1**  
 Job Ticket: 17805      **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

**Tool Information**

Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 bbl	Tool Weight: 1000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.42 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4450.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	4521.00 ft			
Interval between Packers:	71.00 ft			
Tool Length:	264.92 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: tool chased 8 feet to bottom/ruined 2 packers

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4427.00	
Hydraulic Tool	5.00			4432.00	
Jars	6.00			4438.00	
Safety Joint	2.00			4440.00	
Packer-1	5.00			4445.00	
Packer	5.00			4450.00	28.00      Bottom Of Top Packer
Anchor	68.00			4518.00	
Recorder	1.00	8525	Inside	4519.00	
Recorder	1.00	6731	Outside	4520.00	
Blank Off Sub	1.00			4521.00	71.00      Tool Interval
Packer	5.00			4526.00	
Packer-2	5.00			4531.00	
Change Over	0.75			4531.75	
Drill Pipe	125.42			4657.17	
Change Over	0.75			4657.92	
Perforations	25.00			4682.92	
Recorder	1.00	8159	Below	4683.92	
Bull Plug	3.00			4686.92	165.92      Bottom Packers & Anchor

**Total Tool Length: 264.92**



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## FLUID SUMMARY

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### 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: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5900.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	gassy oil cut mud 40%gas 40%oil 20%mud	5.050
60.00	muddy w ater 40%mud 60 % w ater	0.842
0.00	840 feet gas in pipe	0.000
0.00	Chlorides 80,000 resistivity .1@65 degre	0.000

Total Length: 420.00 ft      Total Volume: 5.892 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: ruined 2 packers

Serial #: 8525

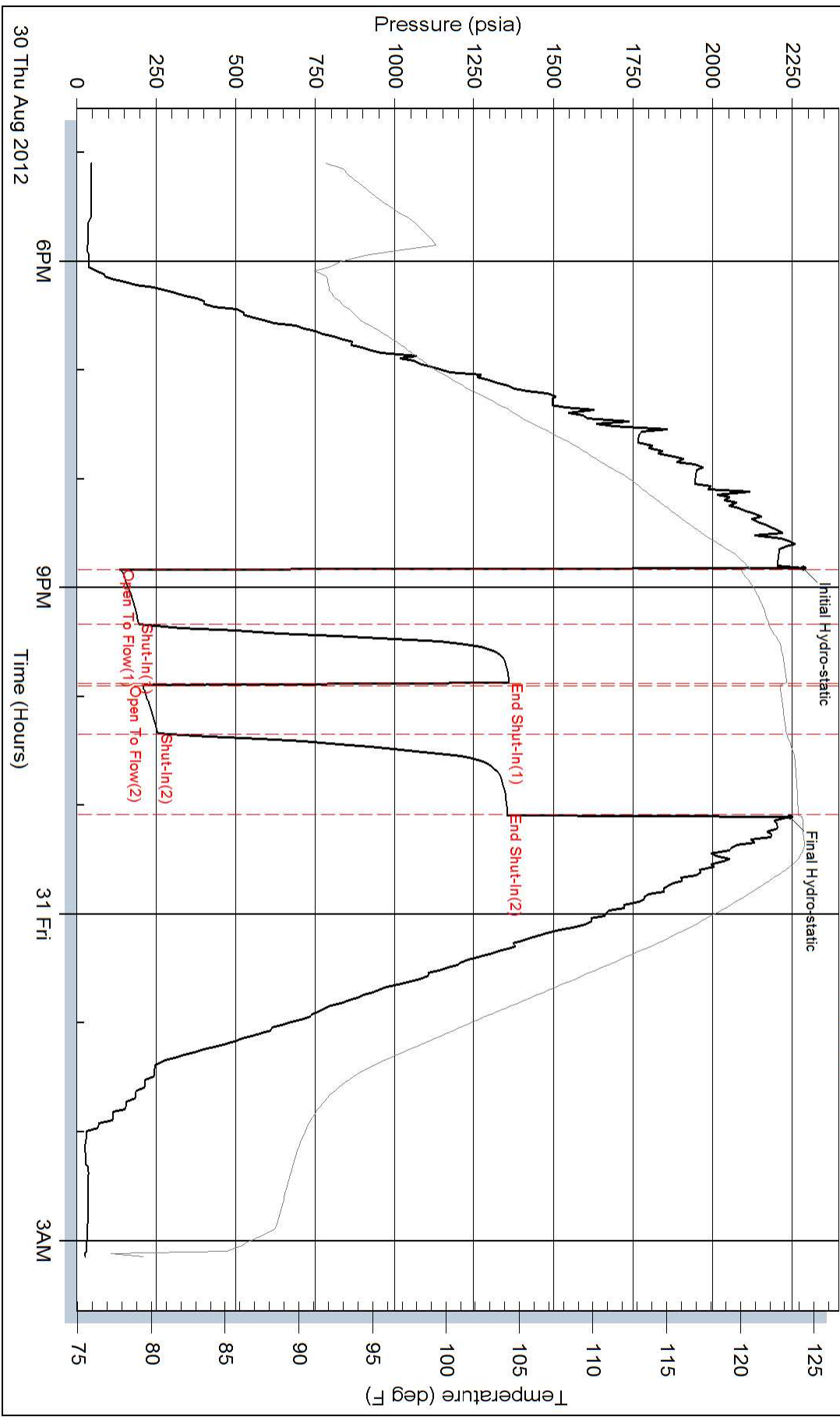
Inside

Palomino Petroleum

Peters-Allen #1

DST Test Number: 1

### Pressure vs. Time



Superior Testers Enterprises LLC

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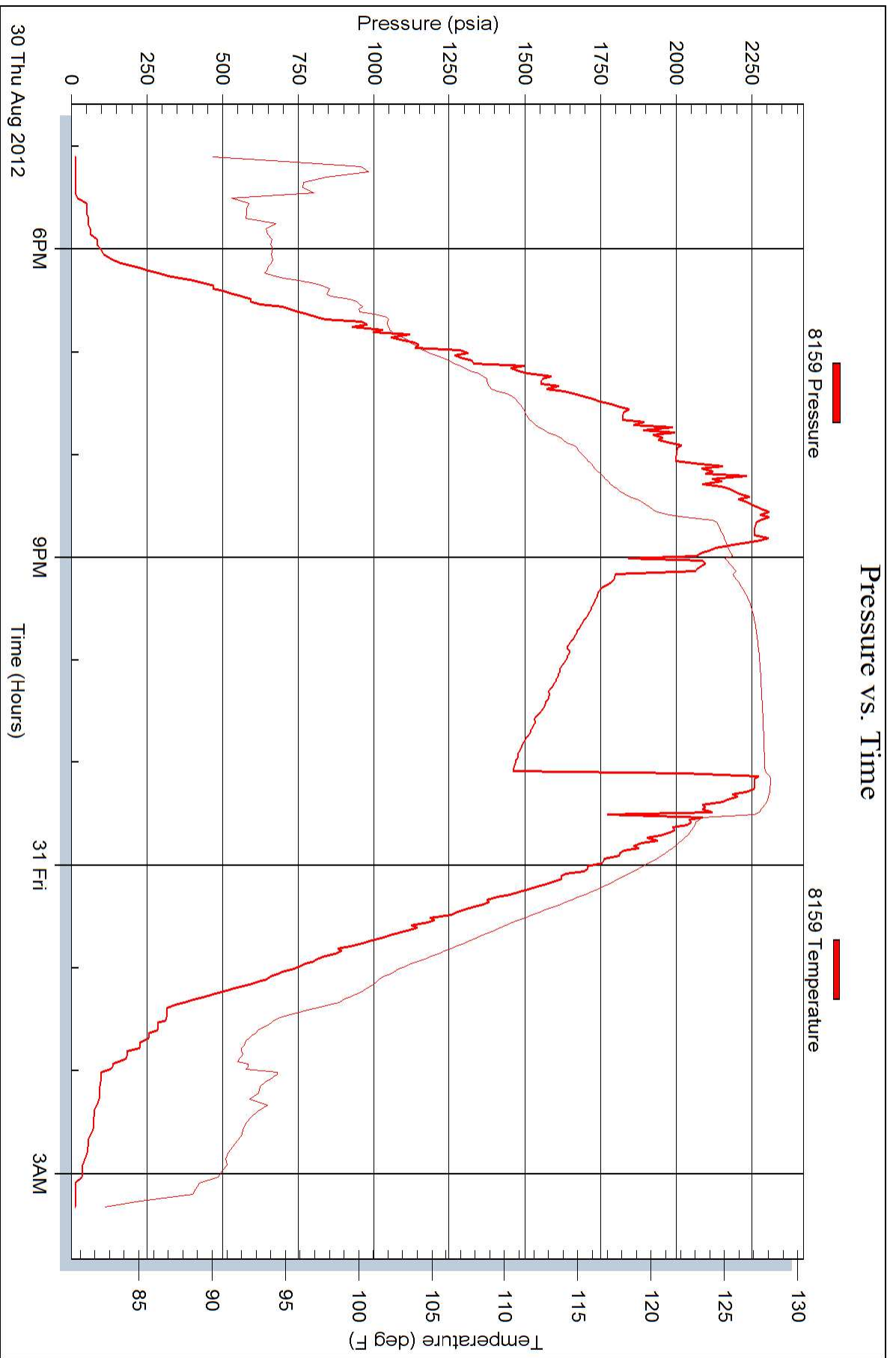
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Below

Palomino Petroleum

Peters-Allen #1

DST Test Number: 1



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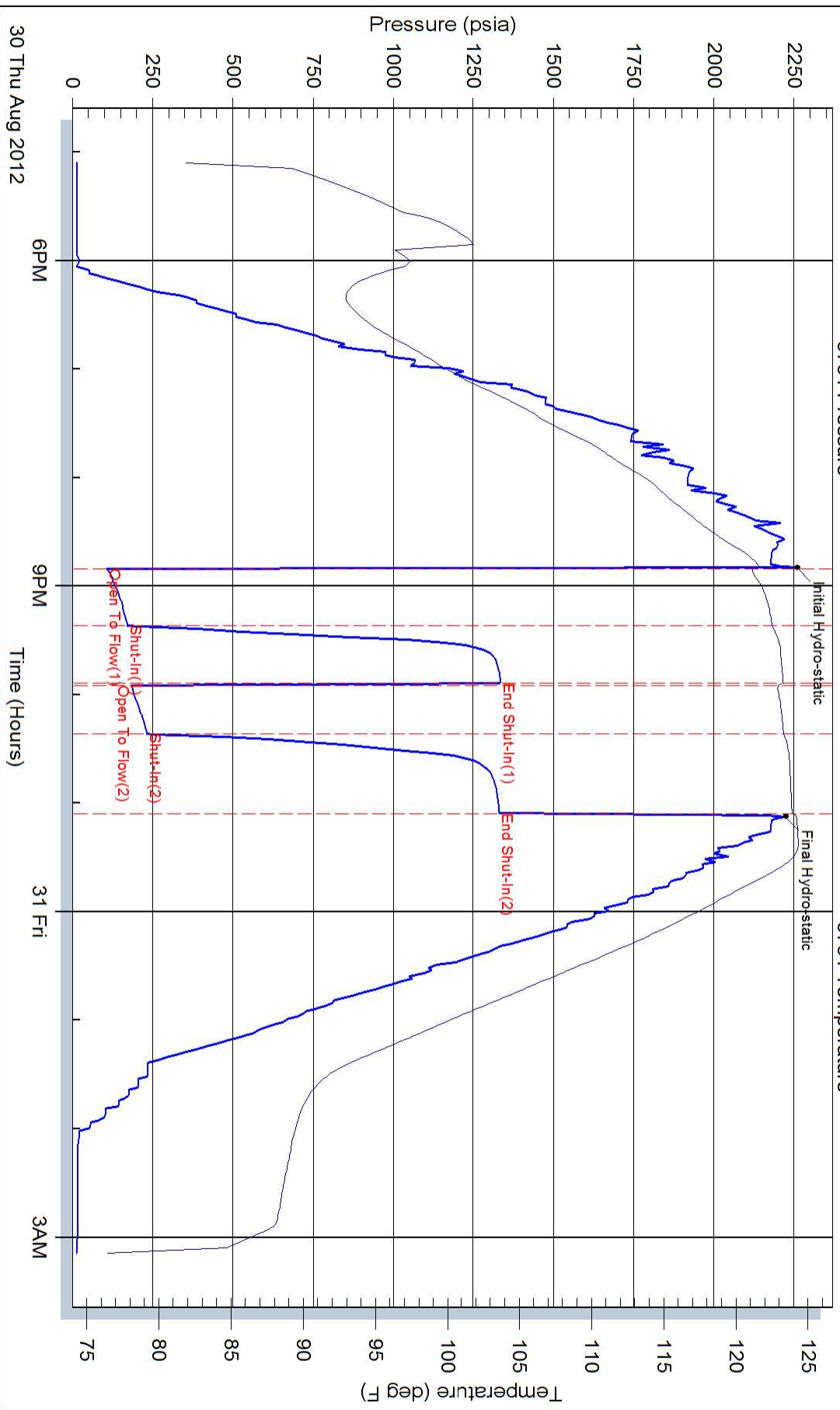
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Outside Palomino Petroleum

Peters-Allen #1

DST Test Number: 1

# Pressure vs. Time



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