

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Credo Petroleum Corp
 1801 Broadway Ste 900
 Denver CO 80202
 ATTN: Charlie Sturdavant

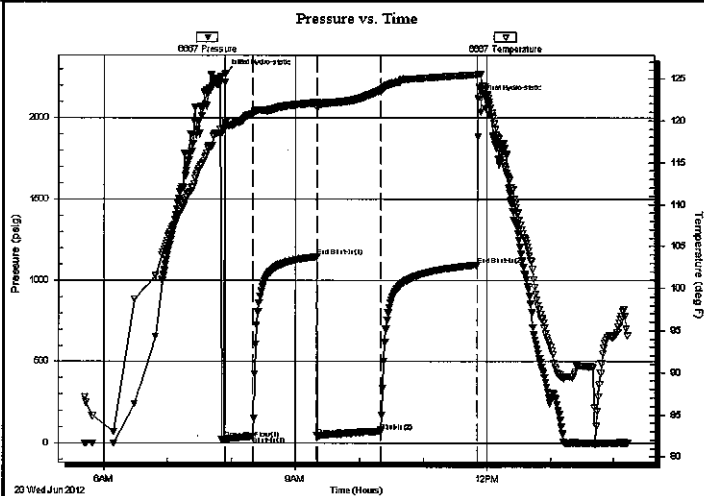
22-17s-29w Lane, KS
Laurenti #1-22
 Job Ticket: 46930 **DST#: 5**
 Test Start: 2012.06.20 @ 05:42:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: 2814.00 ft (KB)
 Time Tool Opened: 07:54:15
 Time Test Ended: 14:15:00
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jim Svaty
 Unit No: 55
 Interval: **4549.00 ft (KB) To 4605.00 ft (KB) (TVD)**
 Total Depth: 4605.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2814.00 ft (KB)
 2804.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6667 Outside
 Press@RunDepth: 73.51 psig @ 4550.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.20 End Date: 2012.06.20 Last Calib.: 2012.06.20
 Start Time: 05:42:15 End Time: 14:13:30 Time On Btm: 2012.06.20 @ 07:54:00
 Time Off Btm: 2012.06.20 @ 11:52:15

TEST COMMENT: 30-IFP- 1/4" Blow
 60-ISIP- No Blow
 60-FFP- No Blow for 28 min then Surface Blow for 32 min
 90-FSIP- No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2274.25	119.69	Initial Hydro-static
1	26.16	119.26	Open To Flow (1)
26	42.01	120.83	Shut-In(1)
86	1145.38	122.14	End Shut-In(1)
86	45.36	121.49	Open To Flow (2)
146	73.51	123.57	Shut-In(2)
237	1094.21	125.49	End Shut-In(2)
239	2119.77	125.60	Final Hydro-static

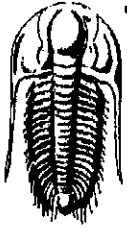
Recovery

Length (ft)	Description	Volume (bbl)
123.00	OSM 100% m	0.66

* Recovery from multiple tests

Gas Rates

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



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TOOL DIAGRAM

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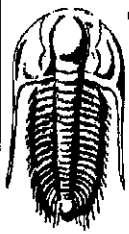
Tool Information

Drill Pipe:	Length: 4422.00 ft	Diameter: 3.80 inches	Volume: 62.03 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 62.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4549.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	83.00 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			4523.00	
Shut In Tool	5.00			4528.00	
Hydraulic tool	5.00			4533.00	
Jars	5.00			4538.00	
Safety Joint	2.00			4540.00	
Packer	5.00			4545.00	27.00 Bottom Of Top Packer
Packer	4.00			4549.00	
Stubb	1.00			4550.00	
Recorder	0.00	6667	Outside	4550.00	
Recorder	0.00	8368	Inside	4550.00	
Perforations	17.00			4567.00	
Change Over Sub	1.00			4568.00	
Blank Spacing	31.00			4599.00	
Change Over Sub	1.00			4600.00	
Bullnose	5.00			4605.00	56.00 Bottom Packers & Anchor

Total Tool Length: 83.00



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FLUID SUMMARY

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Laurenti #1-22

Job Ticket: 46930

DST#: 5

ATTN: Charlie Sturdavant

Test Start: 2012.06.20 @ 05:42:00

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:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	OSM 100%m	0.660

Total Length: 123.00 ft Total Volume: 0.660 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

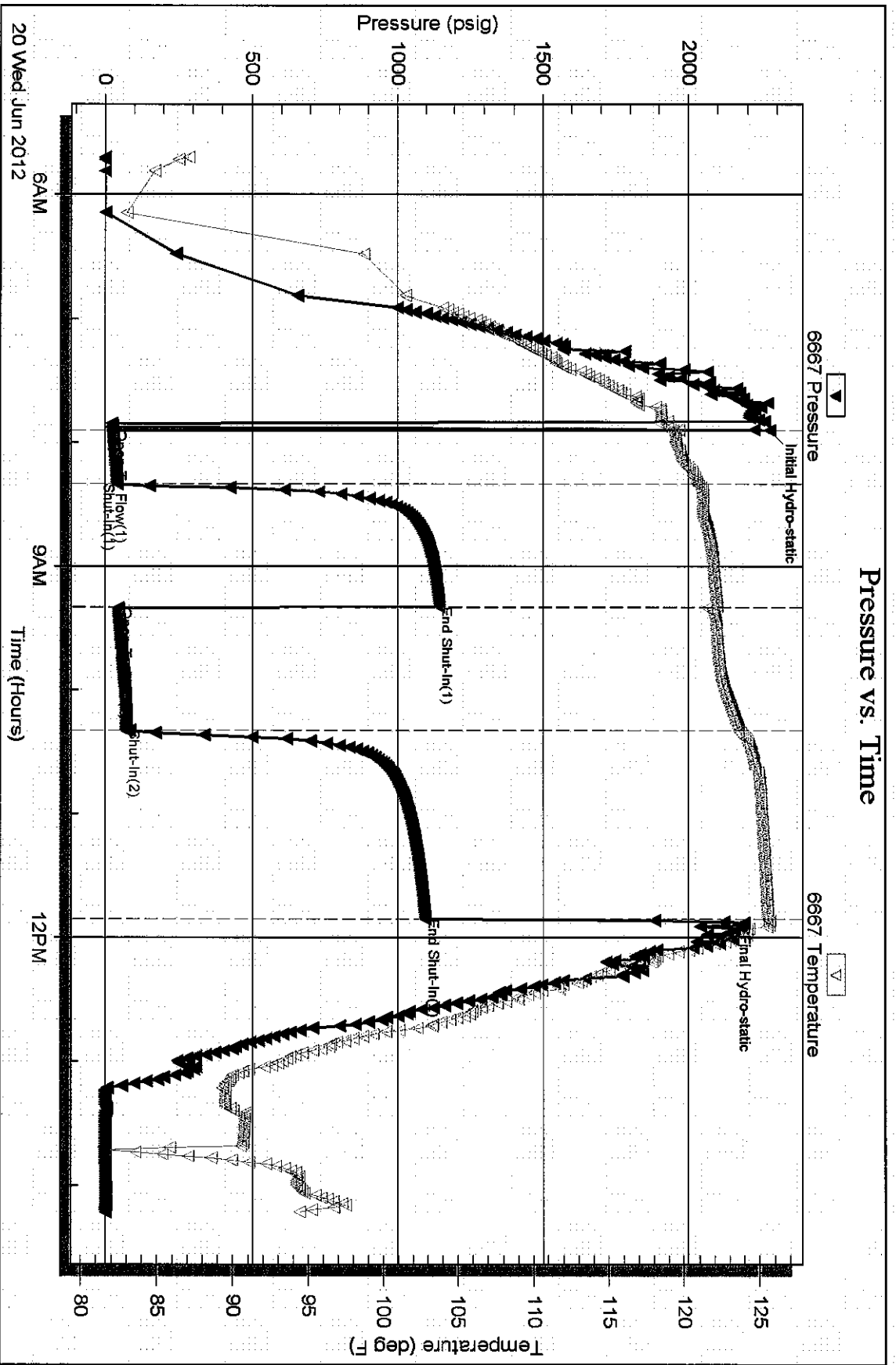
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Outside Credo Petroleum Corp

Laurent#1-22

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Pressure vs. Time



Tribble Testing, Inc

Ref. No: 46930

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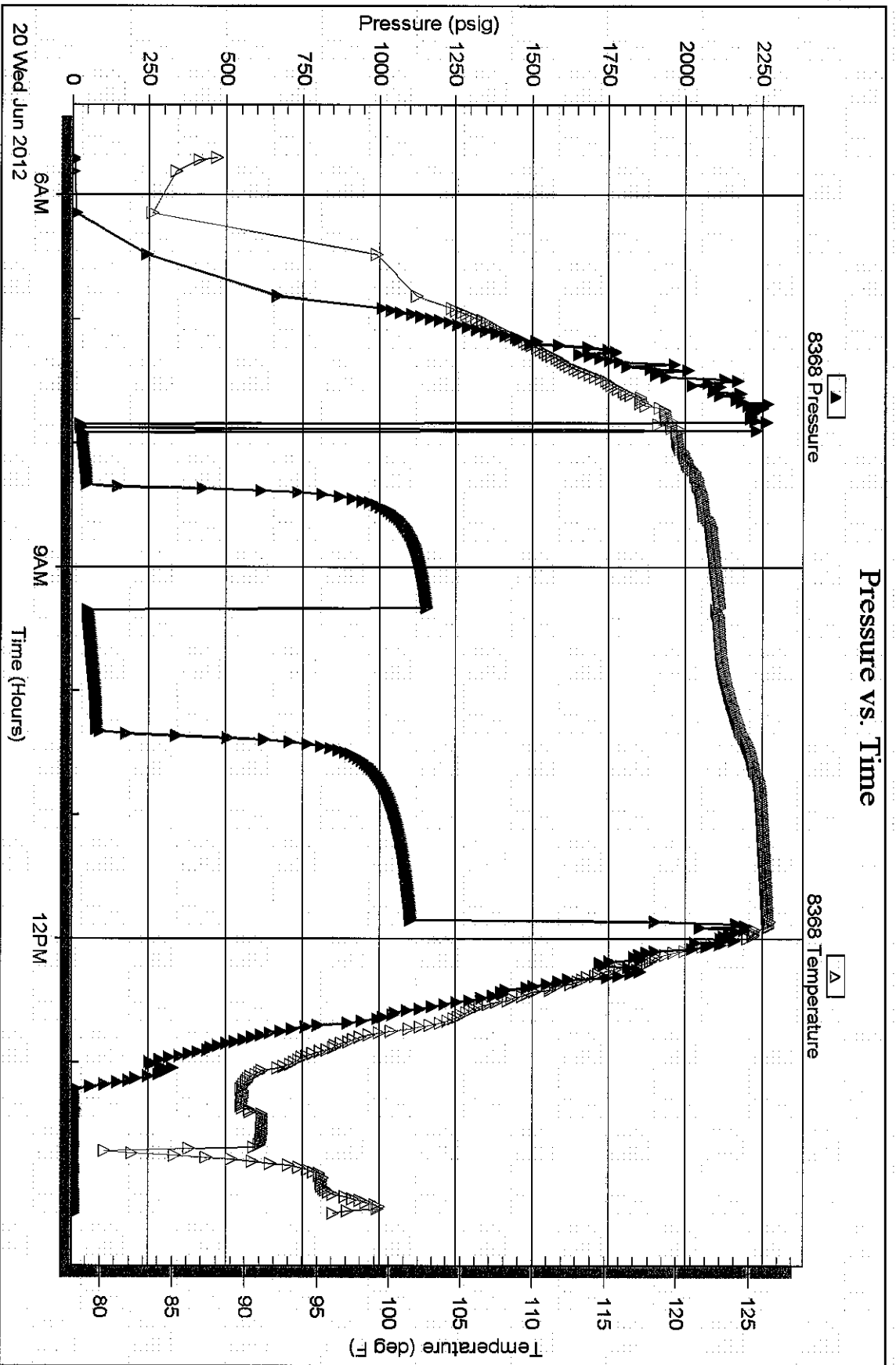
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Inside

Credo Petroleum Corp

Laurenti #1-22

DST Test Number: 5



Triolite Testing, Inc

Ref. No: 46930

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