



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**22 17s 29w Lane**  
**Laruenti # 1-22**  
 Job Ticket: 46929 **DST#: 4**  
 Test Start: 2012.06.19 @ 07:40:00

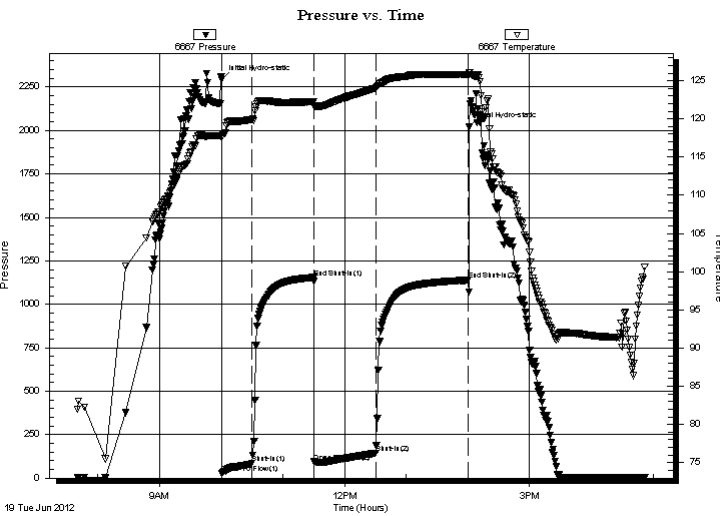
## GENERAL INFORMATION:

Formation: **Cherokee**  
 Deviated: No Whipstock: 2814.00 ft (KB)  
 Time Tool Opened: 10:00:30  
 Time Test Ended: 17:07:00  
 Interval: **4486.00 ft (KB) To 4550.00 ft (KB) (TVD)**  
 Total Depth: 4550.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jim Svaty  
 Unit No: 55  
 Reference Elevations: 2814.00 ft (KB)  
 2804.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 6667 Outside

Press @ Run Depth: 143.35 psig @ 4487.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.06.19 End Date: 2012.06.19 Last Calib.: 2012.06.19  
 Start Time: 07:40:15 End Time: 16:52:15 Time On Btm: 2012.06.19 @ 10:00:15  
 Time Off Btm: 2012.06.19 @ 14:01:00

TEST COMMENT: 30-IFP- BOB in 16min  
 60-ISIP- Surface Blow Building to 1in in 3min Died in 9min  
 60-FFP- BOB in 11min  
 90-FSIP- Surface Blow Building to 5 1/2in in 23min Died in 29min



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.77	117.84	Initial Hydro-static
1	26.94	117.52	Open To Flow (1)
30	84.17	119.93	Shut-In(1)
90	1153.84	122.27	End Shut-In(1)
91	93.90	121.68	Open To Flow (2)
150	143.35	124.03	Shut-In(2)
240	1138.98	125.83	End Shut-In(2)
241	2019.68	126.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
117.00	OCM 30%o 70%m	0.58
124.00	GOCM 10g 40%o 50%m	1.74
62.00	GO 40%g 60%o	0.87
50.00	GO 5%g 95%o	0.70
0.00	816 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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





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**FLUID SUMMARY**

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**22 17s 29w Lane**

1801 Broadway Ste 900  
Denver CO 80202

**Laruenti # 1-22**

Job Ticket: 46929

**DST#: 4**

ATTN: Charlie Sturdavant

Test Start: 2012.06.19 @ 07:40:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
117.00	OCM 30%o 70%m	0.575
124.00	GOCM 10g 40%o 50%m	1.739
62.00	GO 40%g 60%o	0.870
50.00	GO 5%g 95%o	0.701
0.00	816 GIP	0.000

Total Length: 353.00 ft

Total Volume: 3.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

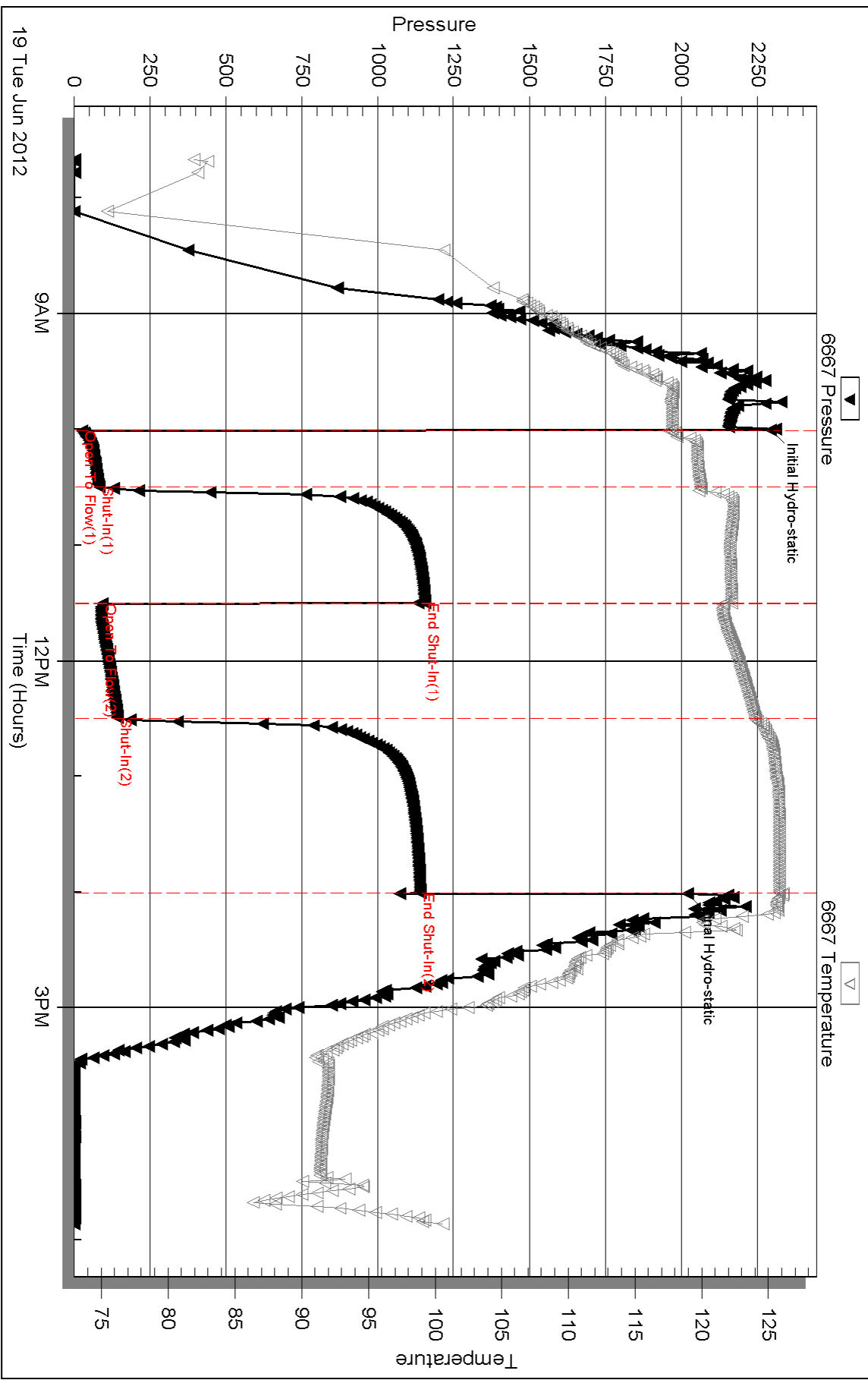
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time



Serial #: 8368

Inside

Crede Petroleum Corp

Laruenti # 1-22

DST Test Number: 4

