



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc  
 4924 SE 84 th  
 New ton Ks 67114 + 8827  
 ATTN: Klee R Watchous

**2-16S-25W**  
**Giess Bros #1**  
 Job Ticket: 47089 **DST#: 2**  
 Test Start: 2012.08.08 @ 01:20:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:04:00  
 Time Test Ended: 08:36:30  
 Interval: **4451.00 ft (KB) To 4561.00 ft (KB) (TVD)**  
 Total Depth: 4600.00 ft (KB) (TVD)  
 Hole Diameter: 788.00 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Randy Williams  
 Unit No: 59  
 Reference Elevations: 2559.00 ft (KB)  
 2551.00 ft (CF)  
 KB to GR/CF: 8.00 ft

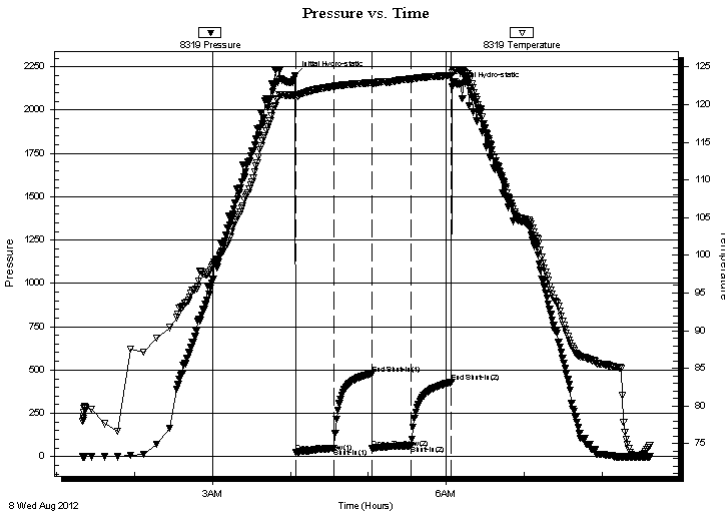
## Serial #: 8319

Inside

Press @ Run Depth: 63.54 psig @ 4554.00 ft (KB)  
 Start Date: 2012.08.08 End Date: 2012.08.08  
 Start Time: 01:20:05 End Time: 08:36:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.08.08  
 Time On Btm: 2012.08.08 @ 04:03:30  
 Time Off Btm: 2012.08.08 @ 06:04:30

TEST COMMENT: IF-30- Weak building blow built to 2"  
 ISI-30-NBB  
 FF-30-Weak surface blow  
 FSI-30-NBB

## PRESSURE SUMMARY



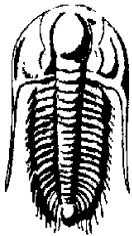
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.42	121.33	Initial Hydro-static
1	23.52	120.93	Open To Flow (1)
30	47.96	122.45	Shut-In(1)
59	478.61	122.91	End Shut-In(1)
60	49.50	122.82	Open To Flow (2)
89	63.54	123.39	Shut-In(2)
121	428.98	123.86	End Shut-In(2)
121	2133.52	124.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud - 100%	0.32

## Gas Rates

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



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**2-16S-25W**

**Giess Bros #1**

Job Ticket: 47089

**DST#: 2**

Test Start: 2012.08.08 @ 01:20:00

## GENERAL INFORMATION:

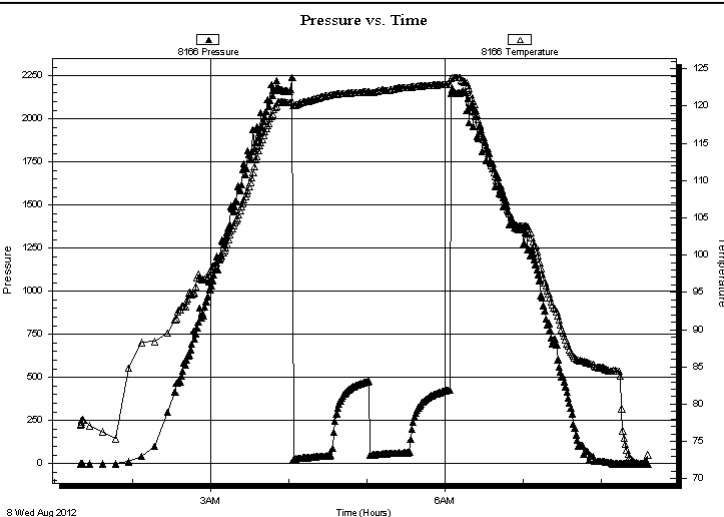
Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 04:04:00 Tester: Randy Williams  
 Time Test Ended: 08:36:30 Unit No: 59  
 Interval: **4451.00 ft (KB) To 4561.00 ft (KB) (TVD)** Reference Elevations: 2559.00 ft (KB)  
 Total Depth: 4600.00 ft (KB) (TVD) 2551.00 ft (CF)  
 Hole Diameter: 788.00 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 8166**

**Below (Straddle)**

Press @ Run Depth: psig @ 4563.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.08 End Date: 2012.08.08 Last Calib.: 2012.08.08  
 Start Time: 01:20:05 End Time: 08:35:59 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF- 30- Weak building blow built to 2"  
 ISI-30-NBB  
 FF-30-Weak surface blow  
 FS-30-NBB



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud - 100%	0.32

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc

**2-16S-25W**

4924 SE 84 th  
New ton Ks 67114 + 8827

**Giess Bros #1**

Job Ticket: 47089

**DST#: 2**

ATTN: Klee R Watchous

Test Start: 2012.08.08 @ 01:20:00

### 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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud - 100%	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8319

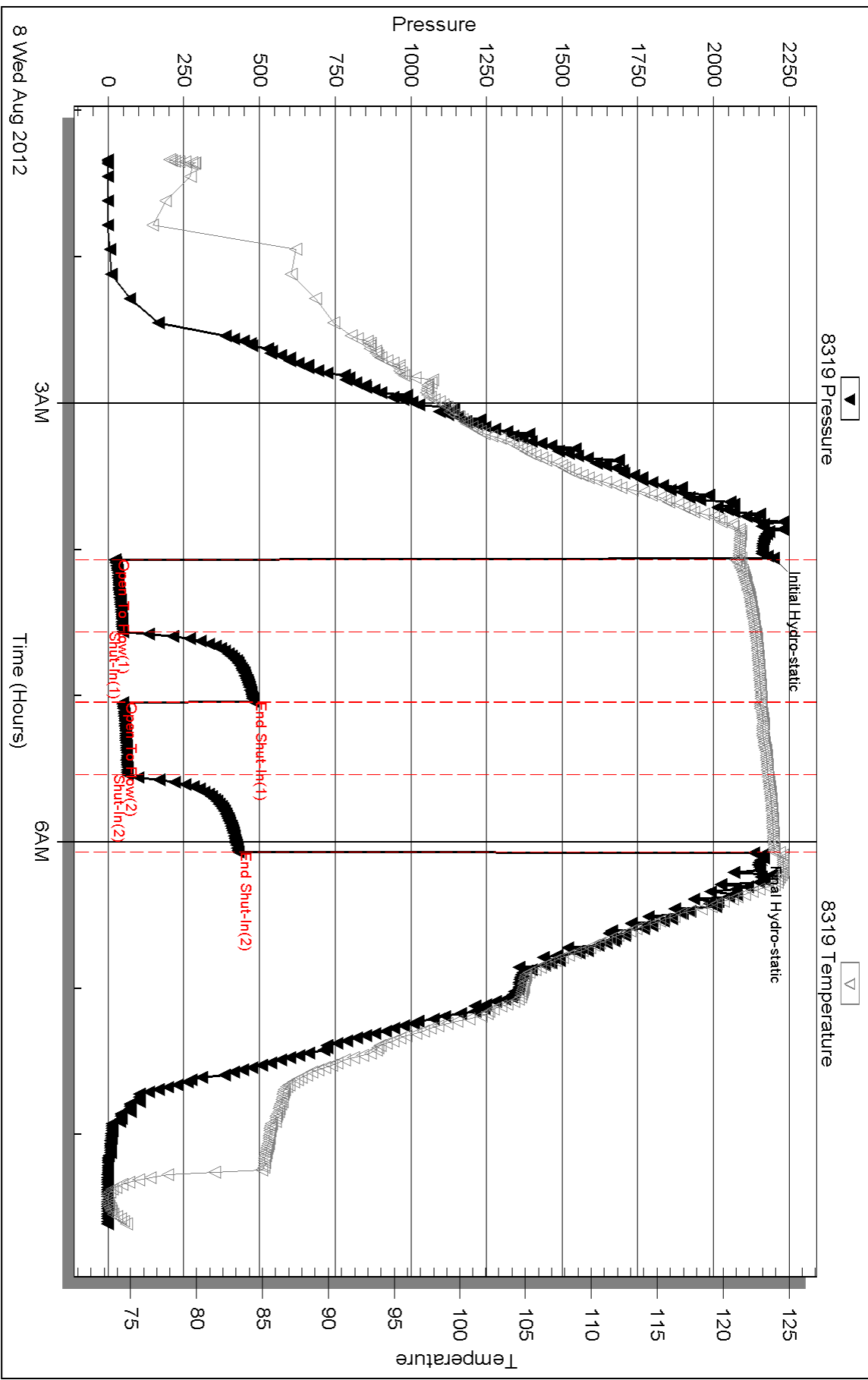
Inside

Palomino Petroleum Inc

Gless Bros #1

DST Test Number: 2

### Pressure vs. Time



Serial #: 8166

Below (Str-Rathen) Petroleum Inc

Gless Bos #1

DST Test Number: 2

