



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating LLC

**Wright #1**

6100 S Yale  
Ste 2010  
Tulsa, Ok  
ATTN: Bob Stolzle

**31-14s-34w Logan, Ks**

Job Ticket: 039700

**DST#: 7**

Test Start: 2010.11.17 @ 13:30:36

## GENERAL INFORMATION:

Formation: **G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:10:36  
 Time Test Ended: 20:30:51  
 Interval: **4025.00 ft (KB) To 4050.00 ft (KB) (TVD)**  
 Total Depth: 4770.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle  
 Tester: Shane McBride  
 Unit No: 40  
 Reference Elevations: 3057.00 ft (KB)  
 3047.00 ft (CF)  
 KB to GR/CF: 10.00 ft

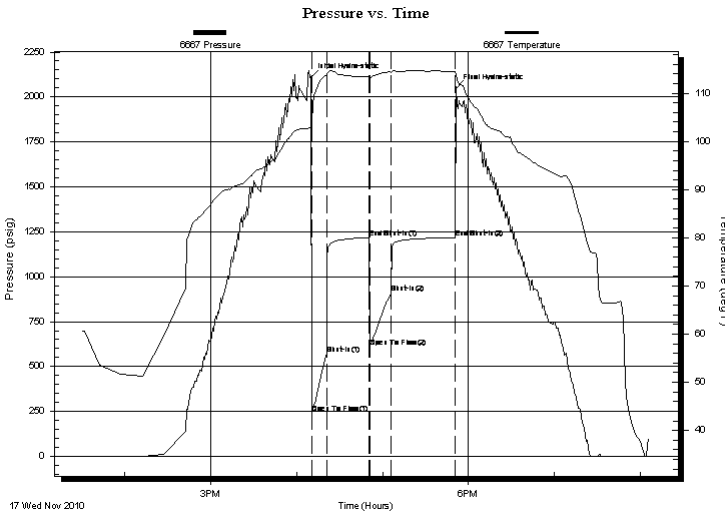
## Serial #: 6667

Inside

Press @ Run Depth: 908.19 psig @ 4026.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.11.17 End Date: 2010.11.17 Last Calib.: 2010.11.17  
 Start Time: 13:30:36 End Time: 20:06:51 Time On Btm: 2010.11.17 @ 16:10:06  
 Time Off Btm: 2010.11.17 @ 17:51:21

TEST COMMENT: B.O.B. in 1 min.  
No return  
B.O.B. in 2 min.  
No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2106.41	102.82	Initial Hydro-static
1	238.31	102.75	Open To Flow (1)
11	570.16	113.77	Shut-In(1)
41	1217.02	113.51	End Shut-In(1)
41	610.83	113.34	Open To Flow (2)
56	908.19	114.40	Shut-In(2)
101	1217.31	114.43	End Shut-In(2)
102	2048.98	113.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
93.00	w c m 50%w 50%m	1.30
186.00	m c w 30%m 70%w	2.61
124.00	s m c w 10%m 90%w	1.74
1550.00	water 100%w reversed out	21.74

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

New Gulf Operating LLC

**Wright #1**

6100 S Yale  
Ste 2010  
Tulsa, Ok  
ATTN: Bob Stolzle

**31-14s-34w Logan, Ks**

Job Ticket: 039700

**DST#: 7**

Test Start: 2010.11.17 @ 13:30:36

## 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:

29500 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
93.00	w c m 50%w 50%m	1.305
186.00	m c w 30%m 70%w	2.609
124.00	s m c w 10%m 90%w	1.739
1550.00	water 100%w reversed out	21.742

Total Length: 1953.00 ft

Total Volume: 27.395 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .311 @ 54\*f = 29,500 chlor

