



**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: 039699 **DST#: 6**

Test Start: 2010.11.16 @ 21:54:50

## GENERAL INFORMATION:

Formation: **Altamont C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:58:05

Time Test Ended: 06:05:50

Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 40

**Interval: 4302.00 ft (KB) To 4360.00 ft (KB) (TVD)**

Reference Elevations: 3067.00 ft (KB)

Total Depth: 4770.00 ft (KB) (TVD)

3057.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6667**

**Inside**

Press @ Run Depth: 307.10 psig @ 4303.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.16

End Date:

2010.11.17

Last Calib.: 2010.11.17

Start Time: 21:54:50

End Time:

05:40:50

Time On Btm: 2010.11.16 @ 23:57:50

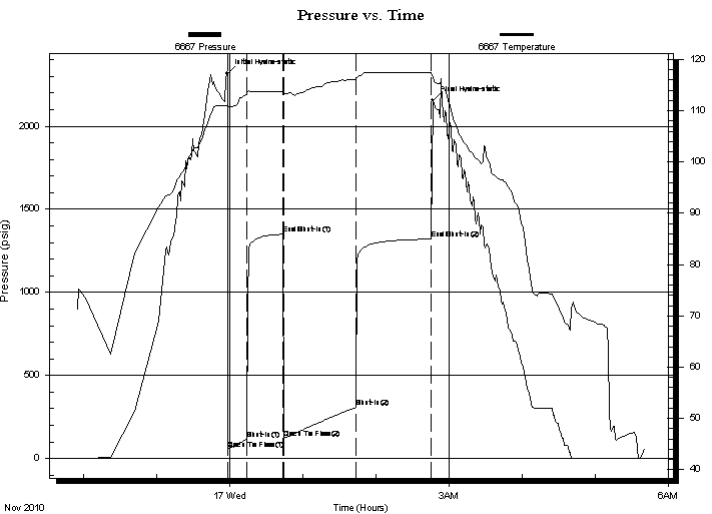
Time Off Btm: 2010.11.17 @ 02:46:20

TEST COMMENT: 10" in blow

No return

B.O.B. in 25 min.

No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2316.73	111.09	Initial Hydro-static
1	56.03	110.43	Open To Flow (1)
16	114.72	113.28	Shut-In(1)
46	1349.64	113.70	End Shut-In(1)
46	119.35	113.32	Open To Flow (2)
106	307.10	116.09	Shut-In(2)
168	1321.14	117.33	End Shut-In(2)
169	2156.13	116.70	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	w c m 50%w 50%m	2.61
372.00	m c w 20%m 80%w	5.22

## Gas Rates

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



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Test Type: Conventional Straddle

Tester: Shane McBride

Unit No: 40

**Interval: 4302.00 ft (KB) To 4360.00 ft (KB) (TVD)**

Reference Elevations: 3067.00 ft (KB)

Total Depth: 4770.00 ft (KB) (TVD)

3057.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8368 Inside**

Press @ Run Depth: psig @ 4387.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.16

End Date: 2010.11.17

Last Calib.: 2010.11.17

Start Time: 21:55:00

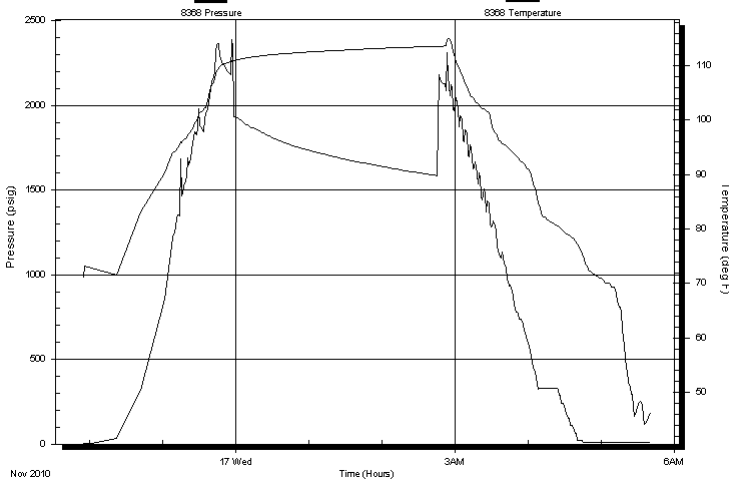
End Time: 05:40:45

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 10" in blow  
No return  
B.O.B. in 25 min.  
No return

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	w c m 50%w 50%m	2.61
372.00	m c w 20%m 80%w	5.22

## Gas Rates

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



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**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: 039699 **DST#: 6**

Test Start: 2010.11.16 @ 21:54:50

**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: 27500 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.80 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: ppm		
Filter Cake: 2.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
186.00	w c m 50%w 50%m	2.609
372.00	m c w 20%m 80%w	5.218

Total Length: 558.00 ft Total Volume: 7.827 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .352 @ 50\*f = 27,500 chlor

