



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating, LLC

**Sowers #1**

6100 S. Yale STE 2010  
Tulsa Ok 74136

**5/15s/34w**

Job Ticket: 039504

**DST#: 1**

ATTN: Bob Stolzle

Test Start: 2010.10.20 @ 03:33:35

## GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:39:30

Time Test Ended: 14:15:00

Test Type: Conventional Bottom Hole

Tester: Brad Walter

Unit No: 28

**Interval: 3870.00 ft (KB) To 3899.00 ft (KB) (TVD)**

Reference Elevations: 2966.00 ft (KB)

Total Depth: 3899.00 ft (KB) (TVD)

2958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6753 Inside**

Press @ Run Depth: 665.04 psig @ 3871.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.20

End Date: 2010.10.20

Last Calib.: 2010.10.20

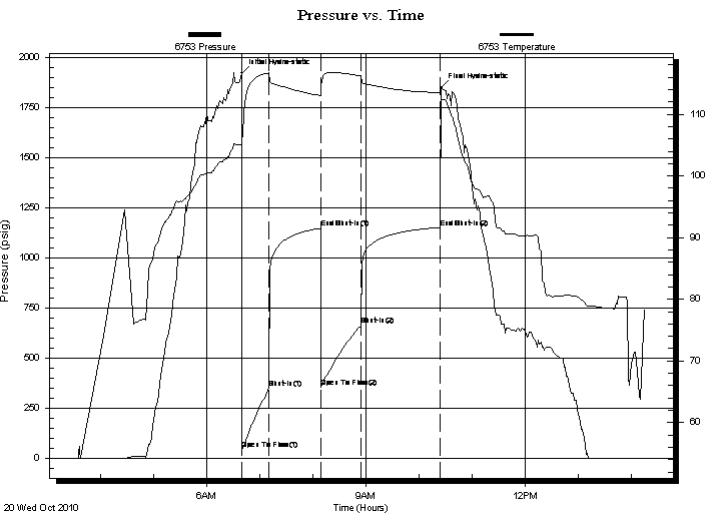
Start Time: 03:33:35

End Time: 14:15:00

Time On Btm: 2010.10.20 @ 06:39:15

Time Off Btm: 2010.10.20 @ 10:25:00

**TEST COMMENT:** IF: BOB @ 4 minutes.  
IS: No return.  
FF: BOB @ 5 minutes.  
FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.12	105.18	Initial Hydro-static
1	46.92	106.10	Open To Flow (1)
31	348.63	116.68	Shut-In(1)
90	1148.70	113.05	End Shut-In(1)
90	357.26	114.99	Open To Flow (2)
135	665.04	116.26	Shut-In(2)
225	1152.86	113.50	End Shut-In(2)
226	1850.32	112.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	mcw 40m 60w	1.68
2040.00	mcw 25m 75w	28.62

## Gas Rates

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



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**FLUID SUMMARY**

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## 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:

22000 ppm

Viscosity: 38.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	mcw 40m 60w	1.683
2040.00	mcw 25m 75w	28.616

Total Length: 2160.00 ft      Total Volume: 30.299 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw = .230 @ 90Degrees F = 22000 ppm

# Pressure vs. Time

