



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

New Gulf Operating LLC

**17-12-32**

6310 E 102nd ST  
Tulsa OK, 74137

**Zerr 1**

Job Ticket: 042143

**DST#: 3**

ATTN: Curtis Covey

Test Start: 2011.09.26 @ 20:40:00

## GENERAL INFORMATION:

Formation: **Kansas City "H-I"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:37:45  
 Time Test Ended: 03:04:15  
 Interval: **ft (KB) To ft (KB) (TVD)**  
 Total Depth: 4108.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jace McKinney  
 Unit No: 28  
 Reference Elevations: 3004.00 ft (KB)  
 2994.00 ft (CF)  
 KB to GR/CF: 10.00 ft

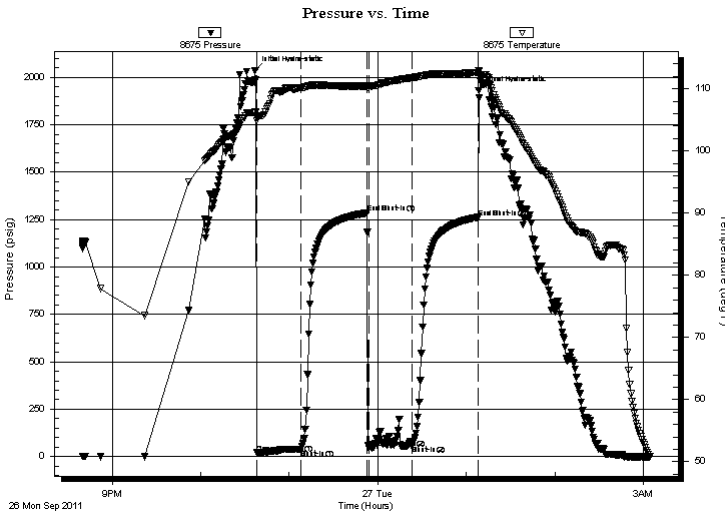
## Serial #: 8675

Inside

Press @ Run Depth: 60.96 psig @ 4141.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.09.26 End Date: 2011.09.27 Last Calib.: 2011.09.27  
 Start Time: 20:40:01 End Time: 03:04:15 Time On Btm: 2011.09.26 @ 22:36:45  
 Time Off Btm: 2011.09.27 @ 01:08:15

TEST COMMENT: Built to 3" blow  
 No return blow  
 Built to 1 1/5" blow  
 No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2037.17	106.30	Initial Hydro-static
1	19.04	104.86	Open To Flow (1)
31	39.59	110.23	Shut-In(1)
76	1285.35	110.43	End Shut-In(1)
78	43.39	110.35	Open To Flow (2)
107	60.96	111.78	Shut-In(2)
151	1262.34	112.64	End Shut-In(2)
152	1930.84	112.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Oil 100%	0.01
79.00	100% Mud w ith oil scum	1.11

\* Recovery from multiple tests

## Gas Rates

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



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## 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Oil 100%	0.014
79.00	100% Mud w ith oil scum	1.108

Total Length: 80.00 ft      Total Volume: 1.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

