



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

New Gulf Operating  
 6100 S. Yale Ste 2010  
 Tulsa, OK 74136  
 ATTN: Bob Stolzle

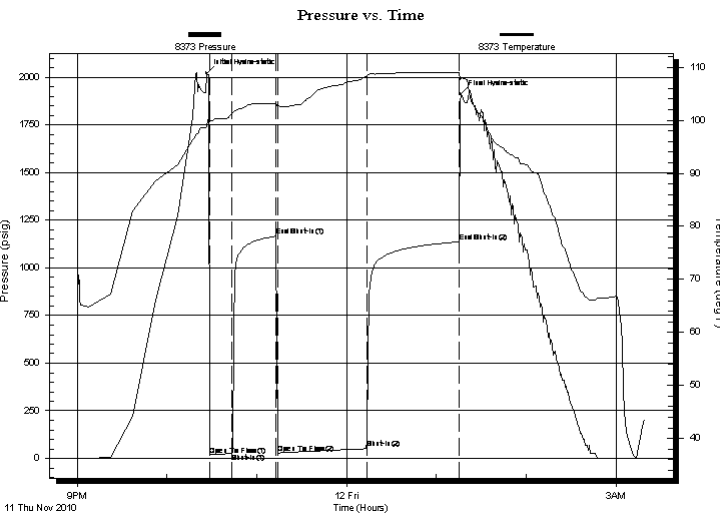
**Wright #1**  
**31-14s-34w Logan, KS**  
 Job Ticket: 040274 **DST#: 3**  
 Test Start: 2010.11.11 @ 21:00:24

## GENERAL INFORMATION:

Formation: **Lansing F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:28:34  
 Time Test Ended: 03:19:18  
 Interval: **3990.00 ft (KB) To 4007.00 ft (KB) (TVD)**  
 Total Depth: 4007.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Brandon Turley  
 Unit No: 35  
 Reference Elevations: 3057.00 ft (KB)  
 3047.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8373 Inside**  
 Press @ Run Depth: 50.81 psig @ 3991.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2010.11.11 End Date: 2010.11.12 Last Calib.: 2010.11.12  
 Start Time: 21:00:24 End Time: 03:19:18 Time On Btm: 2010.11.11 @ 22:26:34  
 Time Off Btm: 2010.11.12 @ 01:16:19

**TEST COMMENT:** IF: 1/4 blow built to 2 in 15 min.  
 IS: No return.  
 FF: Surface blow built to 3 in 60 min.  
 FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.37	98.74	Initial Hydro-static
2	19.17	99.81	Open To Flow (1)
17	26.25	101.24	Shut-In(1)
47	1166.35	103.23	End Shut-In(1)
48	28.96	102.58	Open To Flow (2)
107	50.81	108.25	Shut-In(2)
169	1136.19	109.02	End Shut-In(2)
170	1911.76	107.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
72.00	w cm Oil spots 10%w 90%m	1.01

## 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:	0 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	w cm Oil spots 10%w 90%m	1.010

Total Length: 72.00 ft      Total Volume: 1.010 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

