

**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

F.G. Holl Company, LLC

9431 E. Central STE 100  
Wichita, KS 67206

ATTN: Frank Greenbaum

Hair/Wagner unit 1-27

27-18s-22w Ness, KS

Job Ticket: 43872

DST#: 2

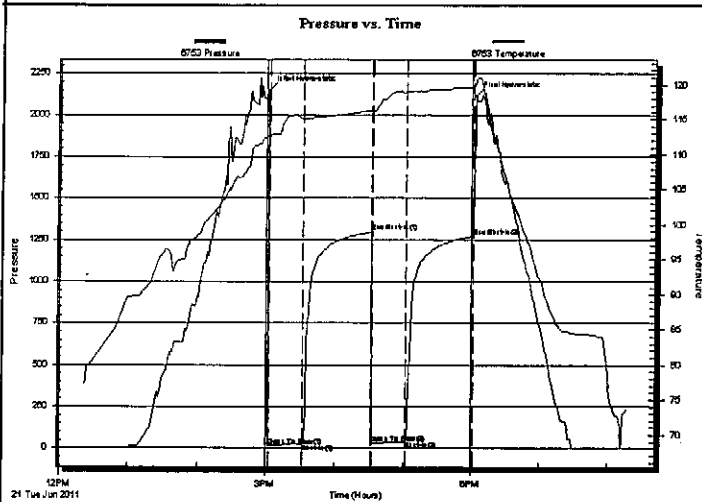
Test Start: 2011.06.21 @ 12:22:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:02:00  
 Time Test Ended: 20:18:00  
 Interval: **4379.00 ft (KB) To 4390.00 ft (KB) (TVD)**  
 Total Depth: **4390.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Cody Bloedorn**  
 Unit No: **47**  
 Reference Elevations: **2389.00 ft (KB)**  
**2376.00 ft (CF)**  
 KB to GR/CF: **13.00 ft**

**Serial #: 6753** Inside  
 Press@RunDepth: **40.38 psig @ 4380.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2011.06.21** End Date: **2011.06.21** Last Calib.: **2011.06.21**  
 Start Time: **12:22:05** End Time: **20:17:59** Time On Btm: **2011.06.21 @ 15:01:30**  
 Time Off Btm: **2011.06.21 @ 18:03:00**

TEST COMMENT: 30 - IF- Weak surface blow dying  
 60 - IS- No blow back  
 30 - FF- No blow back  
 60 - FS- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.15	112.56	Initial Hydro-static
1	16.18	111.07	Open To Flow (1)
31	27.53	115.04	Shut-In(1)
90	1297.71	116.36	End Shut-In(1)
91	30.64	115.93	Open To Flow (2)
120	40.38	119.04	Shut-In(2)
180	1273.08	119.77	End Shut-In(2)
182	2116.72	120.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
62.00	30%O, 70%M	0.30
10.00	10%M, 90%O	0.05

## Gas Rates

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