

# DRILL STEM TEST REPORT

F.G. Holl Company

H.D.&L # 1-28

9431 E. Central Suite 100  
Witchita Ks 67206

28-20s-15w Barton

Job Ticket: 16562

DST#: 1

ATTN: Ryan Greenbaum

Test Start: 2011.08.02 @ 07:41:00

## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:22:30  
 Time Test Ended: 14:57:30  
 Interval: **3590.00 ft (KB) To 3672.00 ft (KB) (TVD)**  
 Total Depth: 3672.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: 3335-GB-28  
 Reference Elevations: 1984.00 ft (KB)  
 1976.00 ft (CF)  
 KB to GR/CF: 8.00 ft

Serial #: 6806

Inside

Press@RunDepth: 78.25 psia @ 3667.64 ft (KB)

Capacity: 5000.00 psia

Start Date: 2011.08.02

End Date:

2011.08.02

Last Calib.: 2011.08.03

Start Time: 07:40:20

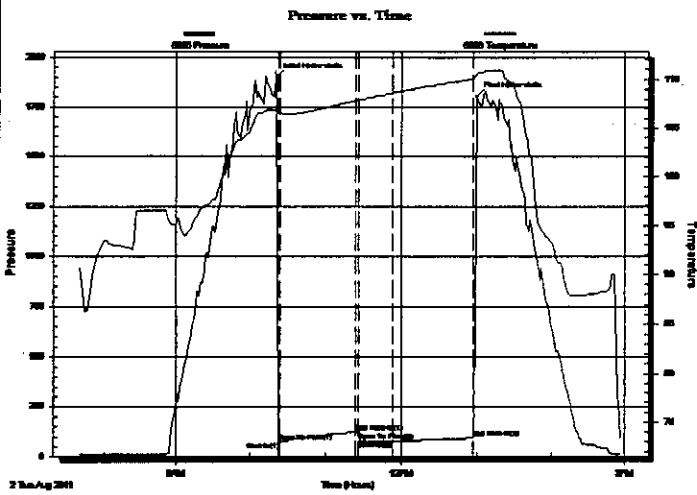
End Time:

14:56:50

Time On Btm: 2011.08.02 @ 10:20:50

Time Off Btm: 2011.08.02 @ 12:59:50

TEST COMMENT: 1st open 5 minutes Weak blow blew 2inches in 5 minutes  
 1st shut in 60 minutes no blow back  
 2nd open 30 minutes Weak blow blew 2inches in 10minutes  
 2nd shut in 60 minutes no blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psia) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1900.78         | 106.96       | Initial Hydro-static |
| 1           | 77.72           | 106.54       | Open To Flow (1)     |
| 3           | 74.73           | 106.47       | Shut-In(1)           |
| 63          | 123.96          | 107.82       | End Shut-In(1)       |
| 65          | 125.09          | 107.89       | Open To Flow (2)     |
| 93          | 78.25           | 108.63       | Shut-In(2)           |
| 156         | 93.45           | 110.01       | End Shut-In(2)       |
| 159         | 1805.78         | 110.58       | Final Hydro-static   |

## Recovery

| Length (ft) | Description | Volume (bb) |
|-------------|-------------|-------------|
| 30.00       | Mudd 100%   | 0.42        |
|             |             |             |
|             |             |             |
|             |             |             |

## Gas Rates

|  | Choke (inches) | Pressure (psia) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |

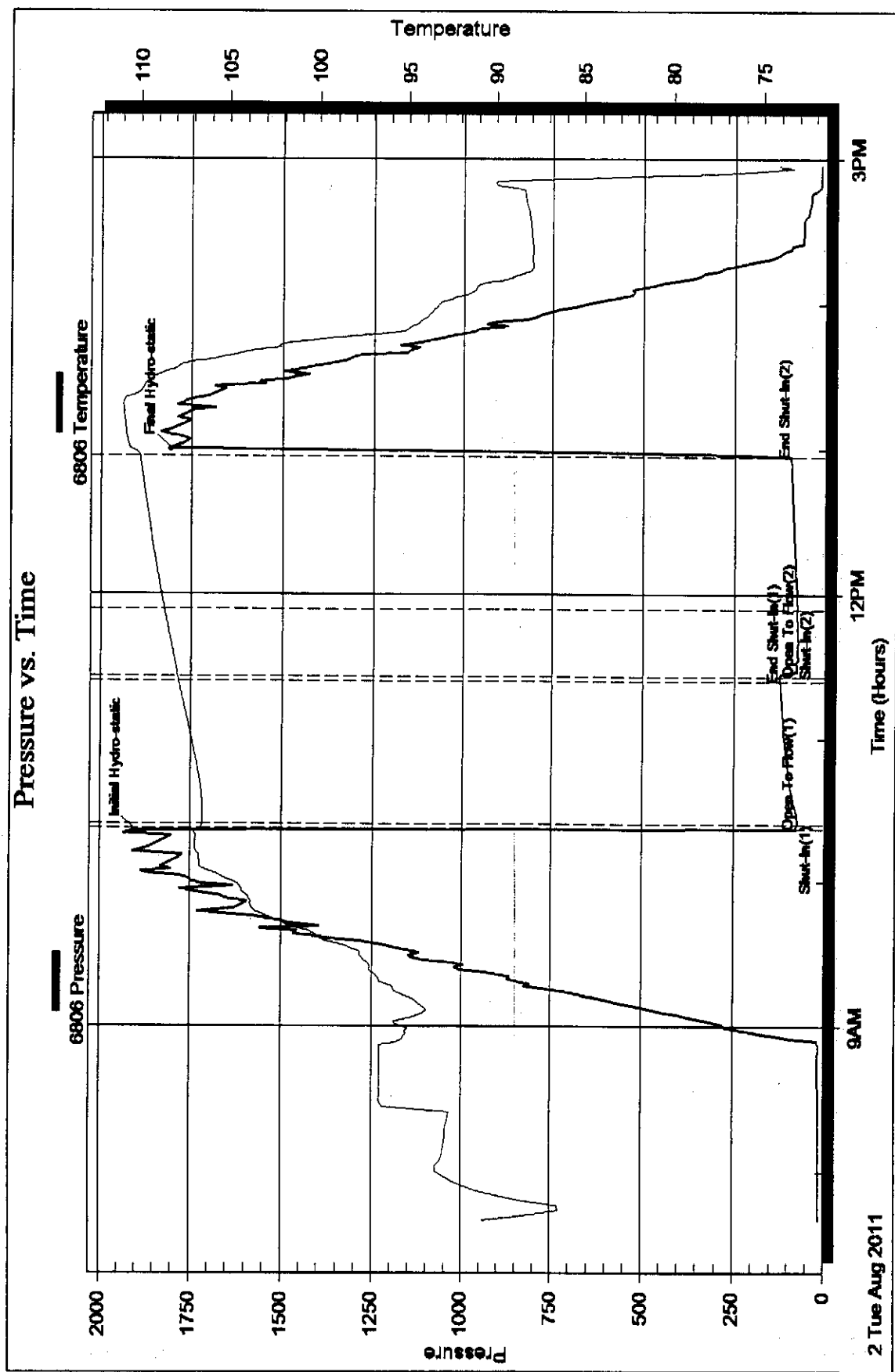
Serial #: 6806

Inside

F.G. Hall Company

28-20s-15w Barton

DST Test Number: 1



2 Tue Aug 2011

Serial #: 6663

Outside F.G. Holt Company

28-20s-15w Barton

DST Test Number: 1

### Pressure vs. Time

