

# DRILL STEM TEST REPORT

F.G. Holl Company  
 9431 E. Central Suite 100  
 Wichita Ks 67206  
 ATTN: Ryan Greenbaum

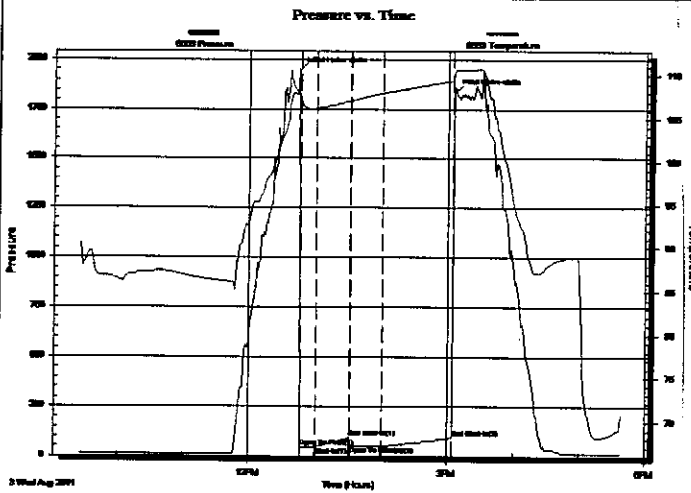
H.D.&L # 1-28  
**28-20s-15w Barton**  
 Job Ticket: 16563      DST#: 2  
 Test Start: 2011.08.03 @ 09:25:20

## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:46:50  
 Time Test Ended: 17:38:50  
 Interval: **3790.00 ft (KB) To 3812.00 ft (KB) (TVD)**  
 Total Depth: 3812.00 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 #: 6663**      **Outside**  
 Press@RunDepth: 51.21 psia @ 3809.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2011.08.03      End Date: 2011.08.03      Last Calib.: 2011.08.04  
 Start Time: 09:26:20      End Time: 17:38:50      Time On Btm: 2011.08.03 @ 12:45:50  
 Time Off Btm: 2011.08.03 @ 15:05:50

**TEST COMMENT:** 1st open 15 minutes Weak blow blew 1.5 in 15 minutes  
 1st shut up 30 minutes no blow  
 2nd open 30 minutes Weak surface blow then died off  
 2nd shut in 60 minutes no blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1943.12	108.00	Initial Hydro-static
1	44.75	107.25	Open To Flow (1)
16	49.16	106.18	Shut-In(1)
46	93.06	107.09	End Shut-In(1)
47	50.80	107.10	Open To Flow (2)
76	51.21	107.99	Shut-In(2)
139	95.43	109.40	End Shut-In(2)
140	1836.09	110.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud 100%	0.42

## Gas Rates

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

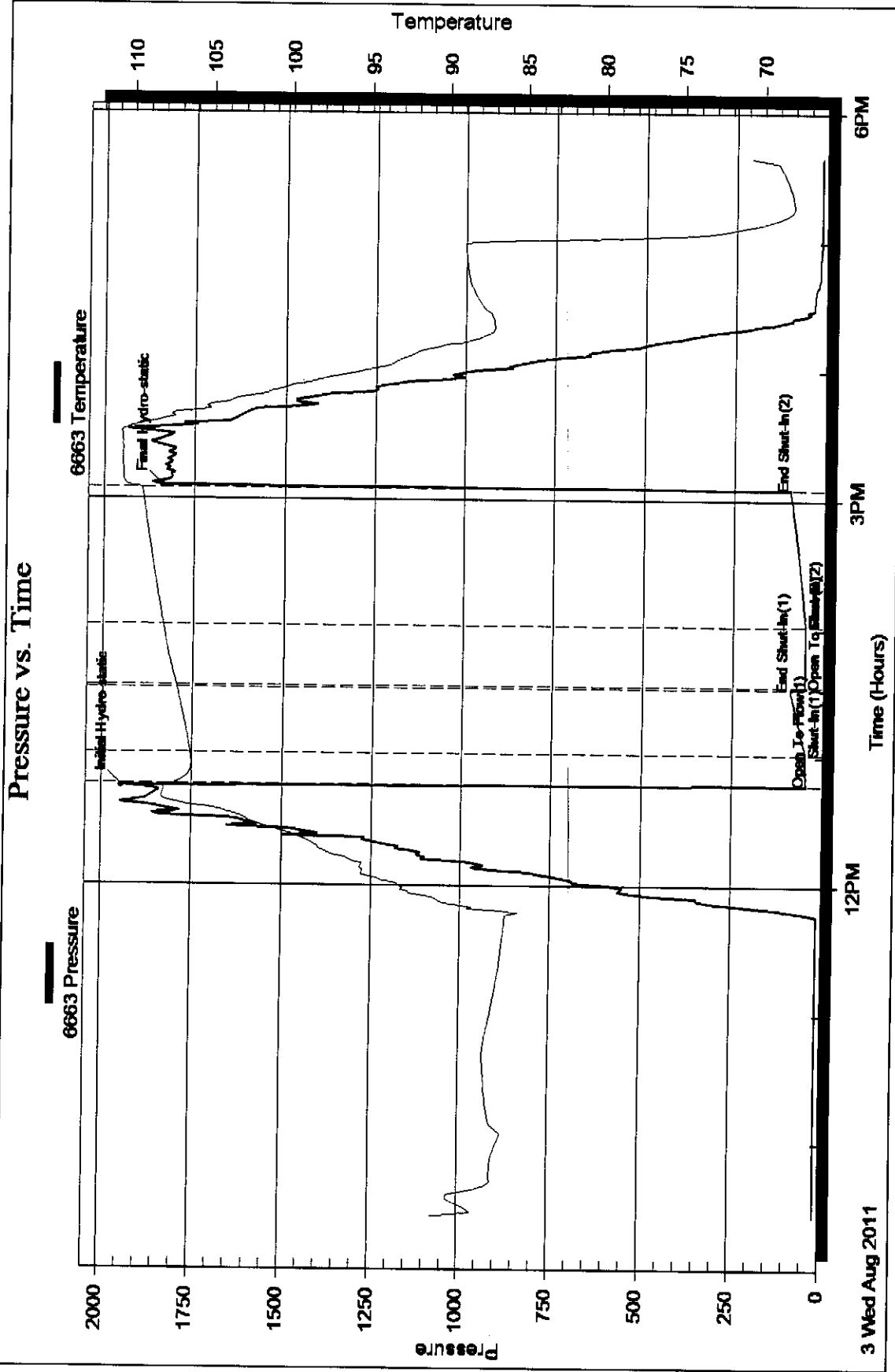
Serial #: 6663

Outside F.G. Holl Company

28-20s-15w Barton

DST Test Number: 2

### Pressure vs. Time



Ref. No: 16563

Superior Testers Enterprises LLC

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Serial #: 6806

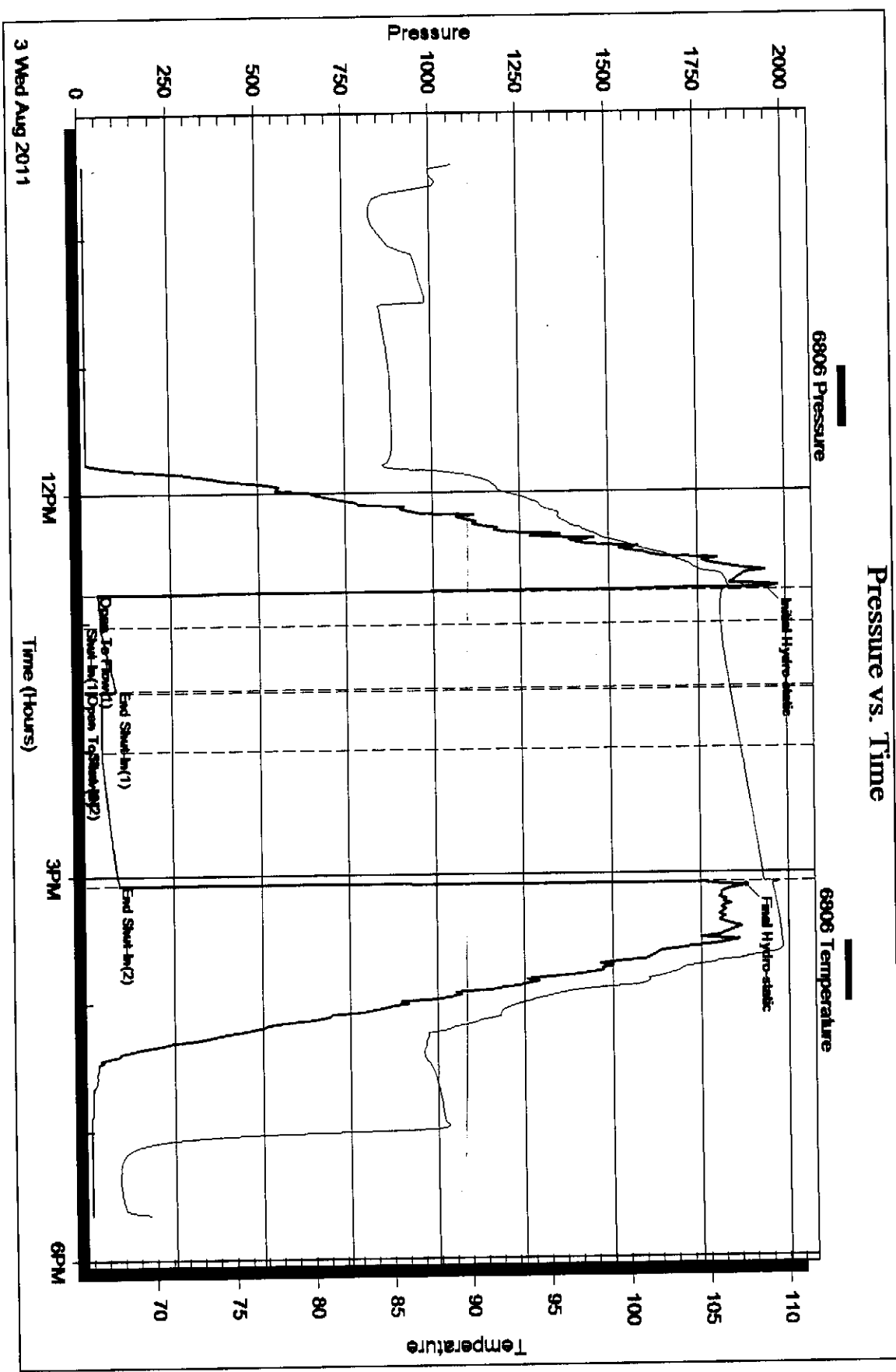
Inside

F.G. Holl Company

28-20s-15w Barton

DST Test Number: 2

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16563

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