

# DRILL STEM TEST REPORT

F.G. Holl company

C.J&M Inc. unit 1-32

9431 East Central Suite 100  
Wichita Kansas 67206

32-20-15w-Barton

Job Ticket: 16560

DST#: 3

ATTN: Ryan Greenbaum

Test Start: 2011.07.23 @ 10:55:00

## GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock; ft (KB)

Time Tool Opened: 12:08:30

Time Test Ended: 17:33:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3335-GB-28

Interval: 3726.00 ft (KB) To 3741.00 ft (KB) (TVD)

Total Depth: 3741.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3726.00 ft (KB)

3719.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6666 Inside

Press@RunDepth: 1194.29 psia @ 3737.00 ft (KB)

Start Date: 2011.07.23

End Date: 2011.07.23

Capacity: 5000.00 psia

Last Calib.: 2011.07.22

Start Time: 10:55:00

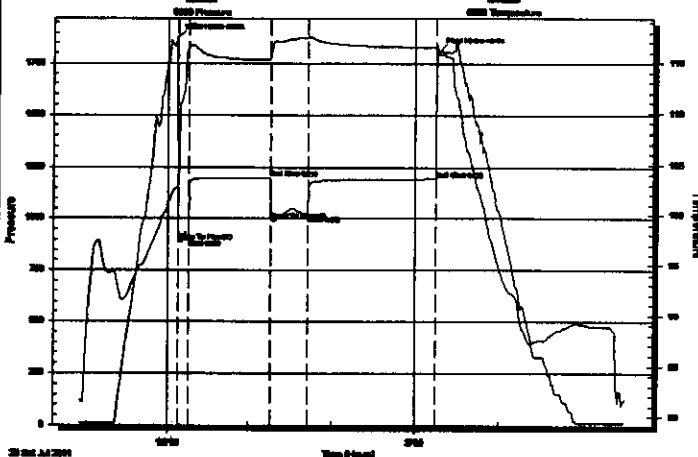
End Time: 17:33:00

Time On Btm: 2011.07.23 @ 12:07:30

Time Off Btm: 2011.07.23 @ 15:17:00

TEST COMMENT: 1st open 5 minutes Strong blow bottom of bucket instantly  
1st shutin 60 minutes Blow back  
2nd open 45 minutes Strong blow bottom of bucket instantly  
2nd shut in 90 minutes Blow back

Pressure vs. Time

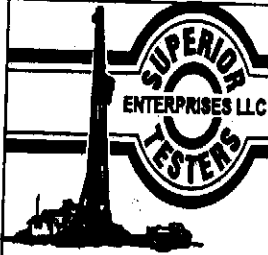


## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1872.58	102.74	Initial Hydro-static
1	889.30	102.71	Open To Flow (1)
8	900.63	116.40	Shut-in(1)
68	1198.20	115.29	End Shut-in(1)
69	993.34	115.72	Open To Flow (2)
95	1017.53	117.51	Shut-in(2)
188	1194.29	116.54	End Shut-in(2)
190	1807.27	115.81	Final Hydro-static

Recovery

Gas Rates



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**GAS RATES**

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## Gas Rates Information

Temperature: 59 (deg F)  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
-	5	1.00	8.40	241.49

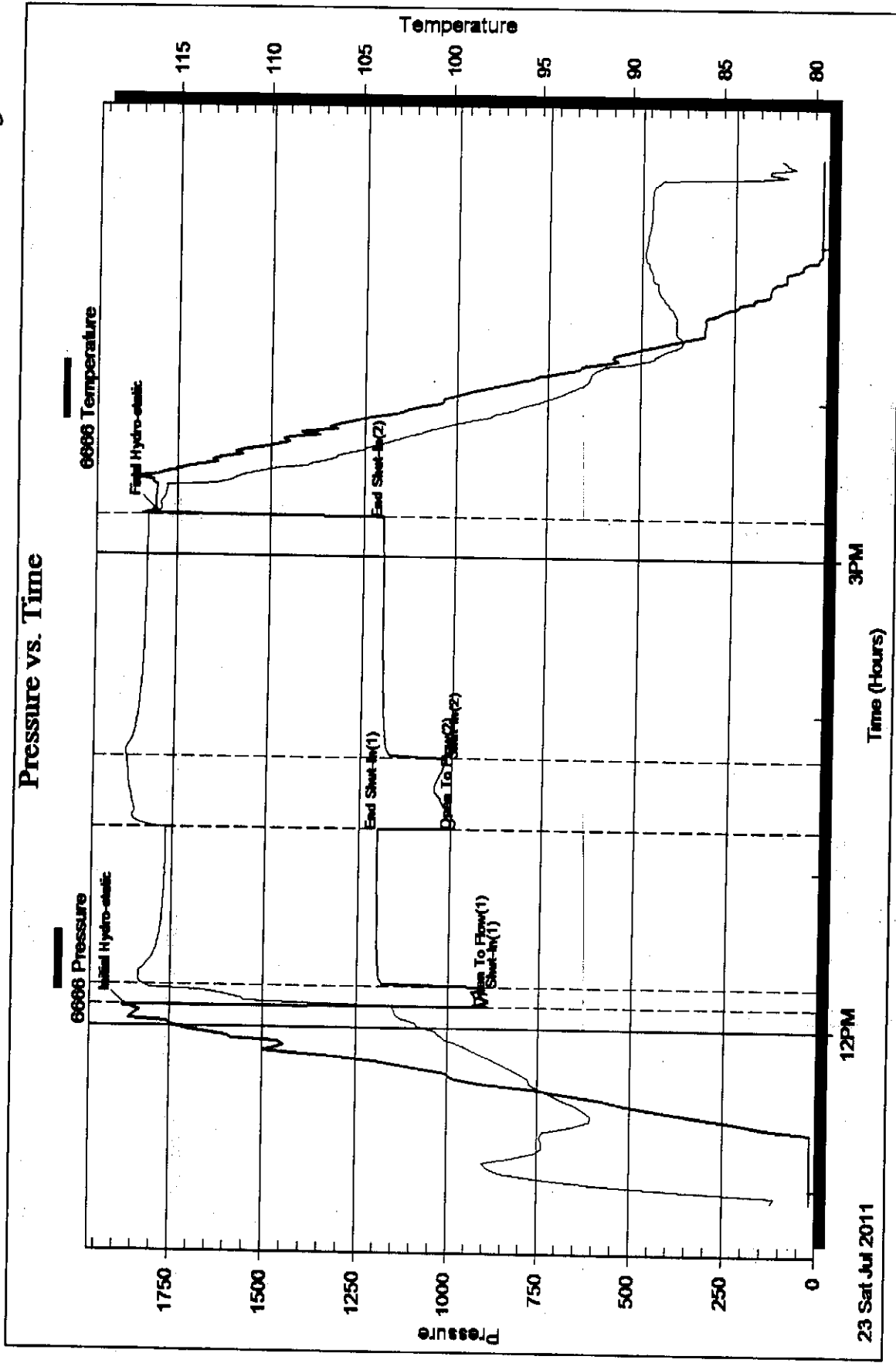
Serial #: 6666

Inside

F.G. Hol company

32-20-15w - Barton

DST Test Number: 3



Superior Testers Enterprises LLC

Ref. No: 16560

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