



## DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

ATTN: Ryan Greenbaum

**mAUNEY #1-6**

**6-21S-15W bARTON**

Start Date: 2012.10.18 @ 00:00:00

End Date: 2012.10.18 @ 00:00:00

Job Ticket #: 16886                      DST #: 3

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.10.18 @ 02:33:43



# DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

**6-21S-15W bARTON**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**mAUNEY #1-6**

Job Ticket: 16886

**DST#: 3**

ATTN: Ryan Greenbaum

Test Start: 2012.10.18 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3320

**Interval: 3770.00 ft (KB) To 3776.00 ft (KB) (TVD)**

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3776.00 ft (KB) (TVD)

1958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6731 Inside**

Press @ Run Depth: 708.85 psia @ 3775.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.10.18

End Date: 2012.10.18

Last Calib.: 2012.10.18

Start Time: 03:31:00

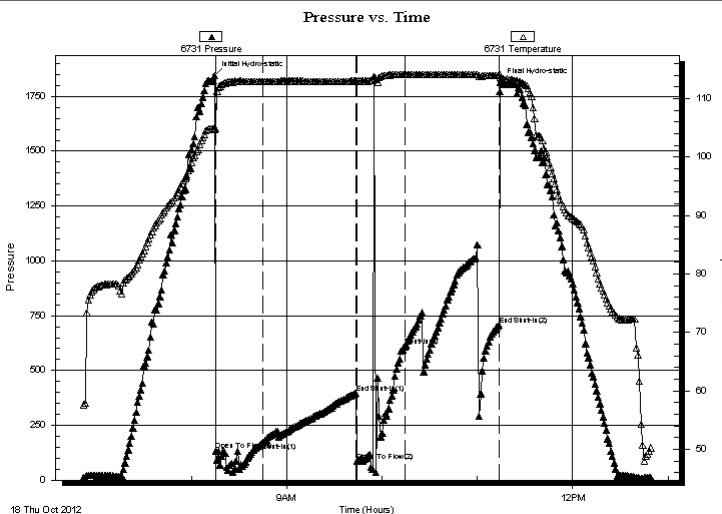
End Time: 12:49:00

Time On Btm: 2012.10.18 @ 08:14:30

Time Off Btm: 2012.10.18 @ 11:14:30

**TEST COMMENT:** 1st Opening 30 Minutes Fair blow built to 6 inches and decreased  
1st Shut-In 60 Minutes-No blow back  
2nd Opening 30 Minutes weak blow for 5 minutes and died flushed tool no help  
2nd Shut-In 60 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1846.58	104.77	Initial Hydro-static
1	134.34	104.87	Open To Flow (1)
31	173.44	112.93	Shut-In(1)
89	396.10	112.97	End Shut-In(1)
90	85.12	112.91	Open To Flow (2)
120	612.68	114.12	Shut-In(2)
179	708.85	113.98	End Shut-In(2)
180	1812.77	113.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling mud	0.28

## Gas Rates

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



# DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

**6-21S-15W bARTON**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**mAUNEY #1-6**

Job Ticket: 16886

**DST#: 3**

ATTN: Ryan Greenbaum

Test Start: 2012.10.18 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3320

**Interval: 3770.00 ft (KB) To 3776.00 ft (KB) (TVD)**

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3776.00 ft (KB) (TVD)

1958.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8159 Outside**

Press @ RunDepth: 706.45 psia @ 3776.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.10.18

End Date: 2012.10.18

Last Calib.: 2012.10.18

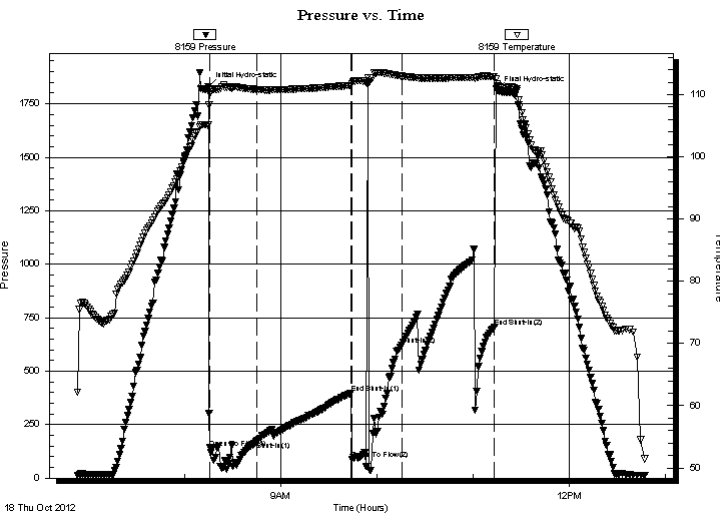
Start Time: 03:31:00

End Time: 12:47:10

Time On Btm: 2012.10.18 @ 08:15:00

Time Off Btm: 2012.10.18 @ 11:15:00

**TEST COMMENT:** 1st Opening 30 Minutes Fair blow built to 6 inches and decreased  
1st Shut-In 60 Minutes-No blow back  
2nd Opening 30 Minutes weak blow for 5 minutes and died flushed tool no help  
2nd Shut-In 60 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1829.95	105.16	Initial Hydro-static
1	141.86	110.20	Open To Flow (1)
30	172.29	110.81	Shut-In(1)
89	398.38	111.47	End Shut-In(1)
90	87.46	111.75	Open To Flow (2)
121	621.36	112.98	Shut-In(2)
179	706.45	112.94	End Shut-In(2)
180	1814.02	111.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling mud	0.28

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

F.G.Holl Company L.L.C.

**6-21S-15W bARTON**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**mAUNEY #1-6**

Job Ticket: 16886

**DST#: 3**

ATTN: Ryan Greenbaum

Test Start: 2012.10.18 @ 00:00:00

## Tool Information

Drill Pipe:	Length: 3762.00 ft	Diameter: 3.80 inches	Volume: 52.77 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	2000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: 52.77 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3770.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	9.00 ft				
Tool Length:	37.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			3747.00	
Hydraulic Tool	5.00			3752.00	
Jars	6.00			3758.00	
Safety Joint	2.00			3760.00	
Packer	5.00			3765.00	28.00 Bottom Of Top Packer
Packer	5.00			3770.00	
Perforations	4.00			3774.00	
Recorder	1.00	6731	Inside	3775.00	
Recorder	1.00	8159	Outside	3776.00	
Bullnose	3.00			3779.00	9.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>37.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

F.G.Holl Company L.L.C.

**6-21S-15W bARTON**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**mAUNEY #1-6**

Job Ticket: 16886

**DST#: 3**

ATTN: Ryan Greenbaum

Test Start: 2012.10.18 @ 00:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 42.00 sec/qt

Water Loss: 8.80 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling mud	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

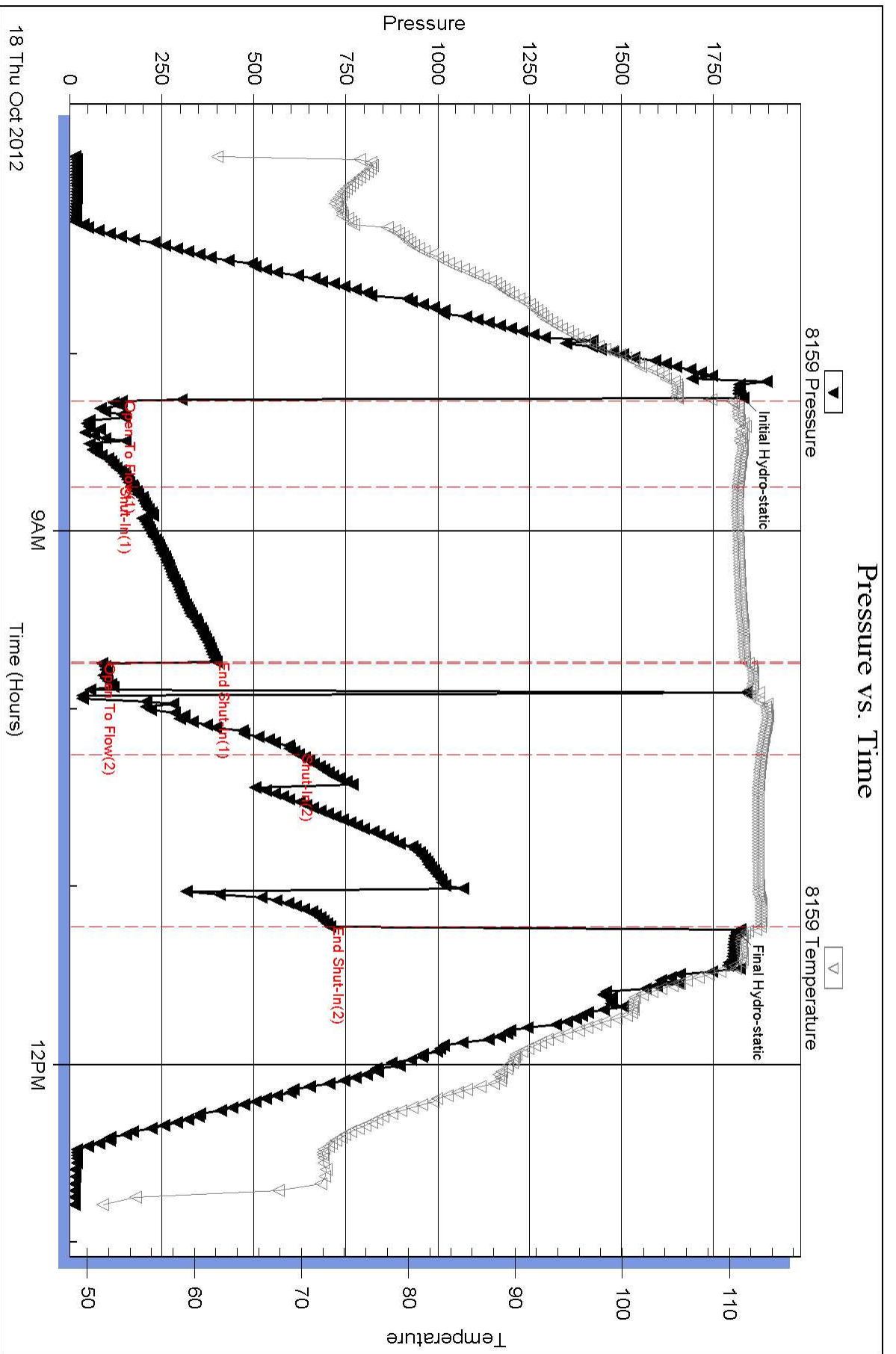
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



### Pressure vs. Time

