



## 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

### **Schmitt Family Trust**

#### **15-20s-15w Barton**

Start Date: 2013.01.31 @ 00:00:00

End Date: 2013.01.31 @ 00:00:00

Job Ticket #: 16957                      DST #: 4

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

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Test Start: 2013.01.31 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

**Interval: 3702.00 ft (KB) To 3710.00 ft (KB) (TVD)**

Total Depth: 3710.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 3330 Great Bend/ 40

Reference Elevations: 1996.00 ft (KB)

1988.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6663 Outside**

Press @ RunDepth: 1660.36 psia @ 3707.00 ft (KB)

Start Date: 2013.01.31

End Date: 2013.01.31

Start Time: 05:30:00

End Time: 10:33:30

Capacity: 5000.00 psia

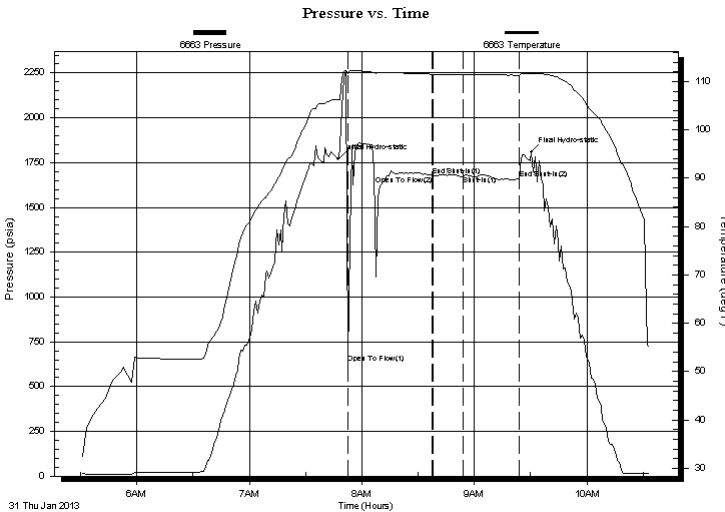
Last Calib.: 2013.01.31

Time On Btm: 2013.01.31 @ 07:47:30

Time Off Btm: 2013.01.31 @ 09:30:30

**TEST COMMENT:** 1st Open/ 15 Minutes weak blow for 9 minutes and died  
1st Shut In/30 Minutes-No blow back  
2nd Open/ 15 Minutes No blow  
2nd Shut in/30 Minutes No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1768.98	106.33	Initial Hydro-static
5	630.53	111.63	Open To Flow (1)
50	1679.26	111.54	End Shut-In(1)
51	1677.99	111.53	Open To Flow (2)
67	1675.75	111.41	Shut-In(1)
97	1660.36	111.34	End Shut-In(2)
103	1809.03	111.65	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)

## Gas Rates

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



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**TOOL DIAGRAM**

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Test Start: 2013.01.31 @ 00:00:00

## Tool Information

Drill Pipe:	Length: 3681.00 ft	Diameter: 3.80 inches	Volume: 51.63 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:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 51.63 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial	lb
Depth to Top Packer:	3702.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	36.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Hydrolic Tool	5.00			3684.00	
Jars	6.00			3690.00	
Safety Joint	2.00			3692.00	
Packer	5.00			3697.00	23.00 Bottom Of Top Packer
Packer	5.00			3702.00	
Anchor	3.00			3705.00	
Recorder	1.00	6748	Inside	3706.00	
Recorder	1.00	6663	Outside	3707.00	
Bullnose	3.00			3710.00	
SHut-InTool	5.00		Inside	3715.00	13.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>36.00</b>				



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## FLUID SUMMARY

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Test Start: 2013.01.31 @ 00:00:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 10.00 lb/gal  
Viscosity: 47.00 sec/qt  
Water Loss: 8.00 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4400.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psia

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

