



## 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

**10-22s-14w Stafford**

**Krupp #1-10**

Start Date: 2011.04.01 @ 04:40:00

End Date: 2011.04.01 @ 00:00:00

Job Ticket #: 16042                      DST #: 7

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

Printed: 2011.04.01 @ 22:43:44



# DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.  
 9431 East Central Suite 100  
 Wichita, Kansas 67206-2563  
 ATTN: Ryan Greenbaum

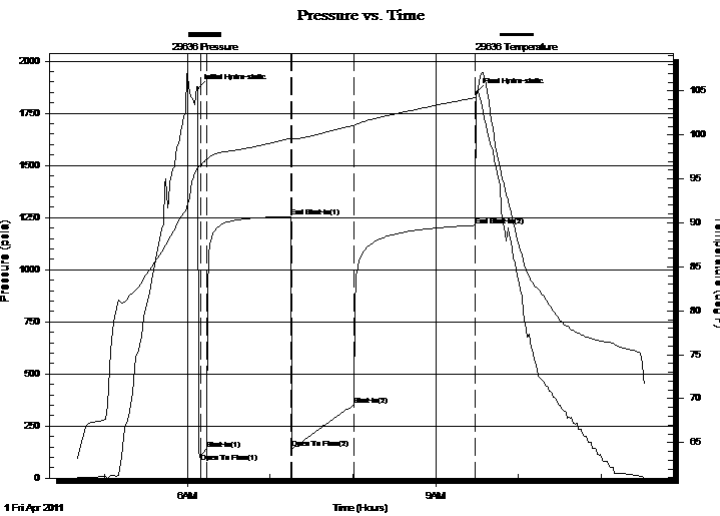
**Krupp #1-10**  
**10-22s-14w Stafford**  
 Job Ticket: 16042 **DST#: 7**  
 Test Start: 2011.04.01 @ 04:40:00

## GENERAL INFORMATION:

Formation: **Simpson Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
 Interval: **3750.00 ft (KB) To 3780.00 ft (KB) (TVD)**  
 Total Depth: 3380.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3335-42  
 Reference Elevations: 1943.00 ft (KB)  
 1935.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 29636 Outside**  
 Press @ Run Depth: 1212.82 psia @ 3777.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.04.01 End Date: 2011.04.01 Last Calib.: 2011.04.01  
 Start Time: 04:40:00 End Time: 11:32:00 Time On Btm: 2011.04.01 @ 06:07:30  
 Time Off Btm: 2011.04.01 @ 09:29:30

**TEST COMMENT:** 1st Opening 5 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes  
 1st Shut-In 60 Minutes-good blow back  
 2nd Opening 45 Minutes-Good blow built to the bottom of a 5 gallon bucket in 4 minutes  
 2nd Shut-In 90 Minutes-Good blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1868.92	96.27	Initial Hydro-static
3	78.09	96.56	Open To Flow (1)
7	138.13	97.21	Shut-In(1)
68	1255.19	99.63	End Shut-In(1)
69	143.29	99.63	Open To Flow (2)
114	351.40	101.11	Shut-In(2)
201	1212.82	104.23	End Shut-In(2)
202	1847.72	104.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	Gas in the pipe	4.21
800.00	Cleaqn very gassy oil 40%Gas 60%Oil	11.22
0.00	Gravity 34 corrected	0.00
120.00	Muddy gassy oil 30%Gas 30%Oil 40%ML	1.68

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

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

**Krupp #1-10**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**10-22s-14w Stafford**

ATTN: Ryan Greenbaum

Job Ticket: 16042

**DST#: 7**

Test Start: 2011.04.01 @ 04:40:00

## Tool Information

Drill Pipe:	Length: 3724.00 ft	Diameter: 3.80 inches	Volume: 52.24 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 52.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3750.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3722.00	
Shut-In Tool	5.00			3727.00	
Hydroic Tool	5.00			3732.00	
Jars	6.00			3738.00	
Safety Joint	2.00			3740.00	
Packer	5.00			3745.00	29.00 Bottom Of Top Packer
Packer	5.00			3750.00	
Perforations	25.00			3775.00	
Recorder	1.00	91716	Inside	3776.00	
Recorder	1.00	95172	Outside	3777.00	
Bullnose	3.00			3780.00	30.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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

**Krupp #1-10**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**10-22s-14w Stafford**

Job Ticket: 16042

**DST#: 7**

ATTN: Ryan Greenbaum

Test Start: 2011.04.01 @ 04:40:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 88.00 sec/qt  
Water Loss: 8.60 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 8600.00 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
300.00	Gas in the pipe	4.208
800.00	Cleaqn very gassy oil 40%Gas 60%Oil	11.222
0.00	Gravity 34 corrected	0.000
120.00	Muddy gassy oil 30%Gas 30%Oil 40%Mud	1.683

Total Length: 1220.00 ft      Total Volume: 17.113 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

