



## DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central  
Suite 100  
Wichita, Kansas 67206+2563

ATTN: Rene Husted

**Long/Bahr Unit #1-26**

**26/17S/15W**

Start Date: 2012.10.04 @ 17:00:00

End Date: 2012.10.04 @ 22:19:30

Job Ticket #: 17843                      DST #: 4

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

Printed: 2012.10.04 @ 22:32:54

FG Holl Company LLC  
26/17S/15W  
Long/Bahr Unit #1-26  
DST # 4  
Conglomerate  
2012.10.04



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Test Start: 2012.10.04 @ 17:00:00

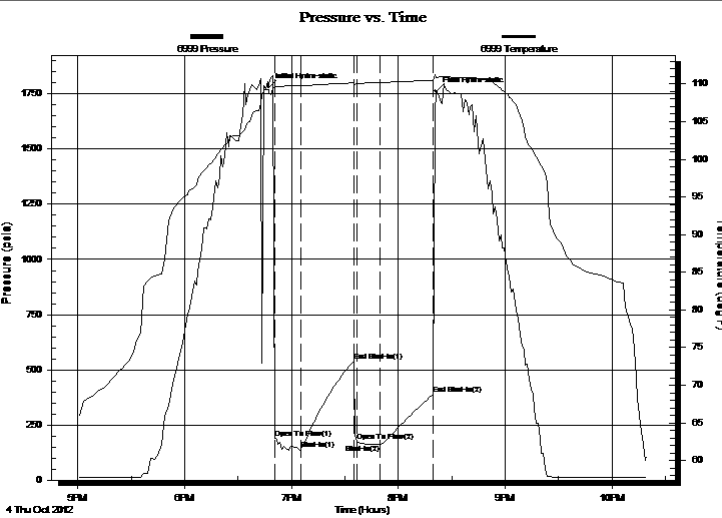
## GENERAL INFORMATION:

Formation: **Conglomerate**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:50:30  
 Time Test Ended: 22:19:30  
 Interval: **3516.00 ft (KB) To 3590.00 ft (KB) (TVD)**  
 Total Depth: 3590.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/42  
 Reference Elevations: 2019.00 ft (KB)  
 2008.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6999 Outside**

Press @ RunDepth: 161.11 psia @ 3586.47 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.10.04      End Date: 2012.10.04      Last Calib.: 2012.10.04  
 Start Time: 17:00:00      End Time: 22:19:30      Time On Btm: 2012.10.04 @ 18:47:00  
 Time Off Btm: 2012.10.04 @ 20:21:00

**TEST COMMENT:** 1ST Open 15 Minutes/Fair blow/Blow built to 6 inches in 5 min/Blow started to die after 10 min to 5 1/2 inches  
 1ST Shut In 30 Minutes/No blow back  
 2ND Open 15 Minutes/Dead no blow  
 2ND Shut In 30 Minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1779.54	109.31	Initial Hydro-static
4	188.88	109.58	Open To Flow (1)
19	139.36	109.76	Shut-In(1)
48	539.45	110.16	End Shut-In(1)
50	175.22	110.10	Open To Flow (2)
63	161.11	110.18	Shut-In(2)
93	387.67	110.49	End Shut-In(2)
94	1760.93	110.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100%	1.68

## Gas Rates

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



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**TOOL DIAGRAM**

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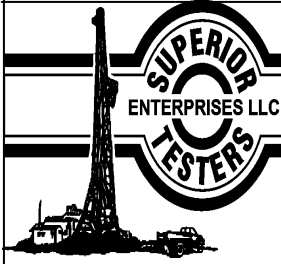
**Tool Information**

Drill Pipe:	Length: 3504.00 ft	Diameter: 3.80 inches	Volume: 49.15 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: 75000.00 lb
			<u>Total Volume: 49.15 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3516.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.47 ft			
Tool Length:	100.47 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Replace packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3494.00	
Hydraulic Tool	5.00			3499.00	
Jars	5.00			3504.00	
Safety Joint	2.00			3506.00	
Packer	5.00			3511.00	27.00      Bottom Of Top Packer
Packer	5.00			3516.00	
Perforations	3.00			3519.00	
Change Over Sub	0.75			3519.75	
Drill Pipe	31.97			3551.72	
Change Over Sub	0.75			3552.47	
Anchor	32.00			3584.47	
Recorder	1.00	6749	Inside	3585.47	
Recorder	1.00	6999	Outside	3586.47	
Bullnose	3.00			3589.47	73.47      Bottom Packers & Anchor

**Total Tool Length: 100.47**



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## FLUID SUMMARY

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### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.99 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5200.00 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: ppm

deg API

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud 100%	1.683

Total Length: 120.00 ft      Total Volume: 1.683 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

