



## DRILL STEM TEST REPORT

Prepared For: **FG Holl Company LLC**

9431 East Central  
Suite 100  
Wichita, Kansas 67206+2563

ATTN: Frank Greenbaum

### **Price Trust 1-28**

### **28/20S/19W/Pawnee**

Start Date: 2012.01.29 @ 03:38:00

End Date: 2012.01.29 @ 08:24:00

Job Ticket #: 18823                      DST #: 3

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

Printed: 2012.01.29 @ 06:43:29

FG Holl Company LLC

28/20S/19W/Pawnee

Price Trust 1-28

DST # 3

Cherokee Sand

2012.01.29



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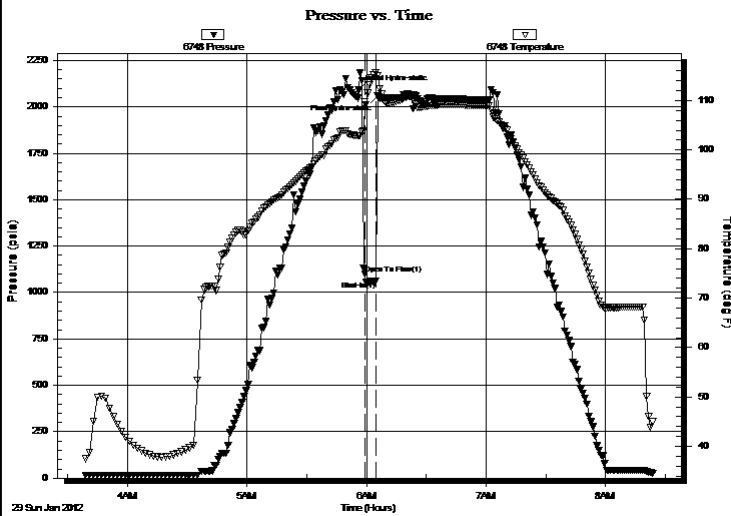
**28/20S/19W/Pawnee**  
**Price Trust 1-28**  
 Job Ticket: 18823      **DST#: 3**  
 Test Start: 2012.01.29 @ 03:38:00

## GENERAL INFORMATION:

Formation: **Cherokee Sand**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 05:59:00 Tester: Ken Swinney  
 Time Test Ended: 08:24:00 Unit No: 3325 Great Bend/100  
 Interval: **4160.00 ft (KB) To 4186.00 ft (KB) (TVD)** Reference Elevations: 2190.00 ft (KB)  
 Total Depth: 4186.00 ft (KB) (TVD) 2182.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 6748 Inside**  
 Press @ RunDepth: psia @ 4182.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.01.29 End Date: 2012.01.29 Last Calib.: 2012.01.29  
 Start Time: 03:38:00 End Time: 08:24:00 Time On Btm: 2012.01.29 @ 05:56:00  
 Time Off Btm: 2012.01.29 @ 06:05:30

TEST COMMENT: 1ST Open 5 Minutes/Very strong blow/Blow to bottom of bucket in 15 seconds/Gas to surface in 2 minutes



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2090.59	102.92	Initial Hydro-static
3	1099.71	109.81	Open To Flow (1)
9	1061.47	115.70	Shut-In(1)
10	2058.46	115.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100%	0.88

## Gas Rates

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



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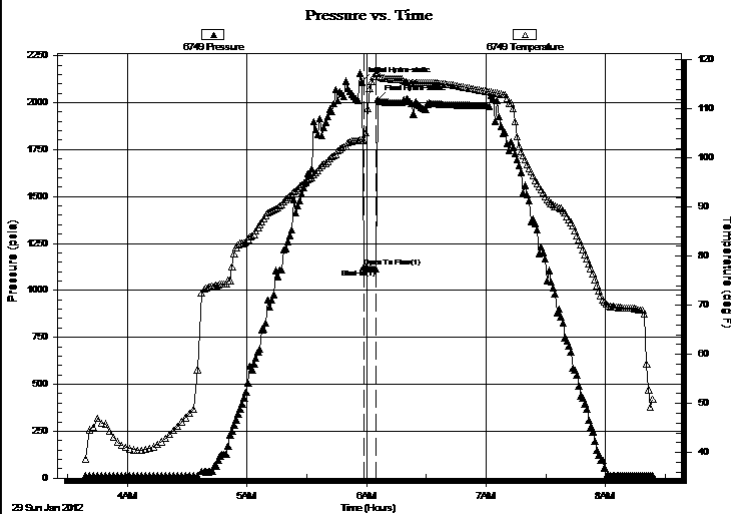
**28/20S/19W/Pawnee**  
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 Job Ticket: 18823      **DST#: 3**  
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 Total Depth: 4186.00 ft (KB) (TVD) 2182.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 6749 Outside**  
 Press @ RunDepth: psia @ 4183.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.01.29 End Date: 2012.01.29 Last Calib.: 2012.01.29  
 Start Time: 03:38:00 End Time: 08:24:00 Time On Btm: 2012.01.29 @ 05:57:30  
 Time Off Btm: 2012.01.29 @ 06:05:30

TEST COMMENT: 1ST Open 5 Minutes/Very strong blow/Blow to bottom of bucket in 15 seconds/Gas to surface in 2 minutes



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2109.78	103.67	Initial Hydro-static
1	1126.53	103.56	Open To Flow (1)
8	1112.62	117.17	Shut-In(1)
8	2016.51	117.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100%	0.88

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FG Holl Company LLC

**28/20S/19W/Pawnee**

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Suite 100  
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ATTN: Frank Greenbaum

**Price Trust 1-28**

Job Ticket: 18823

**DST#: 3**

Test Start: 2012.01.29 @ 03:38:00

## Tool Information

Drill Pipe:	Length: 4148.00 ft	Diameter: 3.88 inches	Volume: 60.66 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: 60000.00 lb
			<u>Total Volume: 60.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 39500.00 lb
Depth to Top Packer:	4160.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4138.00	
Hydraulic Tool	5.00			4143.00	
Jars	5.00			4148.00	
Safety Joint	2.00			4150.00	
Packer	5.00			4155.00	27.00 Bottom Of Top Packer
Packer	5.00			4160.00	
Anchor	21.00			4181.00	
Recorder	1.00	6748	Inside	4182.00	
Recorder	1.00	6749	Outside	4183.00	
Bullnose	3.00			4186.00	26.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>53.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 54.00 sec/qt  
Water Loss: 6.80 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3000.00 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
60.00	Mud 100%	0.877

Total Length: 60.00 ft      Total Volume: 0.877 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

