



## DRILL STEM TEST REPORT

Prepared For: **FG Holl Company L.L.C**

9431 E Central Ste 100 Wichita KS  
67206+2563

ATTN: Rene Husted

### **Lang?Bahr Unit #2-26**

#### **26-17s-15w Barton**

Start Date: 2013.11.07 @ 05:50:00

End Date: 2013.11.07 @ 11:10:30

Job Ticket #: 18454                      DST #: 2

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

Printed: 2013.11.07 @ 11:21:50

FG Holl Company L.L.C

26-17s-15w Barton

Lang?Bahr Unit #2-26

DST # 2

Lansing F.G

2013.11.07



# DRILL STEM TEST REPORT

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ATTN: Rene Husted

Job Ticket: 18454

**DST#: 2**

Test Start: 2013.11.07 @ 05:50:00

## GENERAL INFORMATION:

Formation: **Lansing F,G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:28:30

Time Test Ended: 11:10:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend - 47

**Interval: 3355.00 ft (KB) To 3374.00 ft (KB) (TVD)**

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

## Serial #: 6731

Press@RunDepth: 37.35 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.07

Last Calib.: 2013.11.07

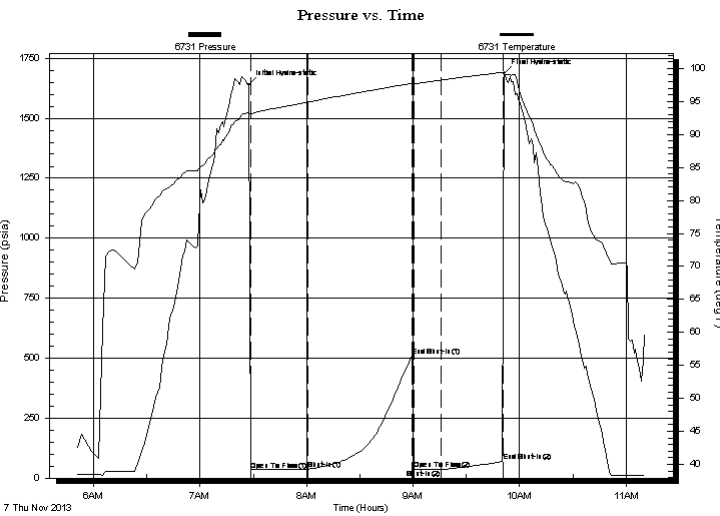
Start Time: 05:50:00

End Time: 11:10:30

Time On Btm: 2013.11.07 @ 07:27:30

Time Off Btm: 2013.11.07 @ 09:51:30

**TEST COMMENT:** 1st Opening 30 Minutes-Weak blow built 3/4 inch into water in 30 minutes  
 1st Shut-in 60 Minutes-No blow back  
 2nd Opening 15 Minutes-Very weak surge did not build  
 2nd Shut-in 30 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1639.04	93.30	Initial Hydro-static
1	34.60	93.05	Open To Flow (1)
34	36.98	94.90	Shut-In(1)
92	509.78	97.72	End Shut-In(1)
93	37.39	97.66	Open To Flow (2)
109	37.35	98.24	Shut-In(2)
143	69.46	99.39	End Shut-In(2)
144	1687.90	99.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	spot oil cut mud 1%oil 99%mud	0.07

## Gas Rates

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



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Tester: Jared Scheck

Unit No: 3320-Great Bend - 47

**Interval: 3355.00 ft (KB) To 3374.00 ft (KB) (TVD)**

Reference Elevations: 2000.00 ft (KB)

Total Depth: 3355.00 ft (KB) (TVD)

1992.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

## Serial #: 8159

Press@RunDepth: 70.00 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.11.07

End Date: 2013.11.07

Last Calib.: 2013.11.07

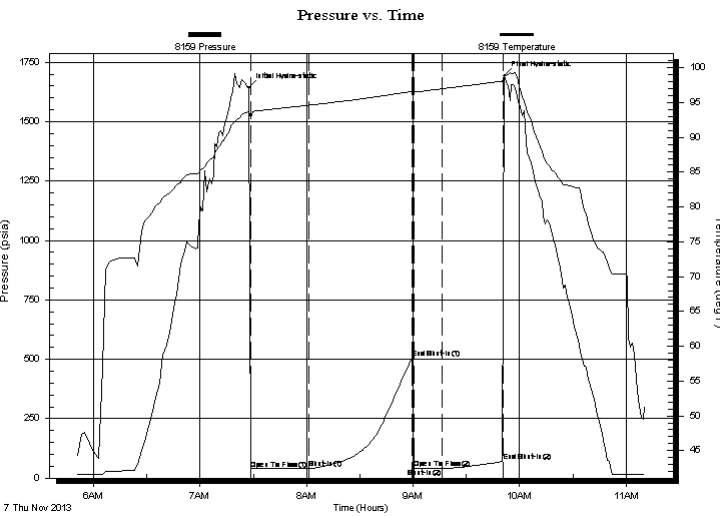
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## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1642.25	93.66	Initial Hydro-static
1	38.23	92.91	Open To Flow (1)
34	39.87	94.64	Shut-In(1)
92	506.65	96.61	End Shut-In(1)
93	41.30	96.52	Open To Flow (2)
109	40.60	97.00	Shut-In(2)
143	70.00	98.08	End Shut-In(2)
144	1693.14	98.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	spot oil cut mud 1%oil 99%mud	0.07

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

FG Holl Company L.L.C

**26-17s-15w Barton**

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**Lang?Bahr Unit #2-26**

Job Ticket: 18454

**DST#: 2**

ATTN: Rene Husted

Test Start: 2013.11.07 @ 05:50:00

## Tool Information

Drill Pipe:	Length: 3342.00 ft	Diameter: 3.80 inches	Volume: 46.88 bbl	Tool Weight: 1000.00 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: 53000.00 lb
			<u>Total Volume: 46.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3355.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	47.00 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			3332.00	
Hydraulic Tool	5.00			3337.00	
Jars	6.00			3343.00	
Safety Joint	2.00			3345.00	
Packer	5.00			3350.00	28.00 Bottom Of Top Packer
Packer	5.00			3355.00	
Anchor	14.00			3369.00	
Recorder	1.00	6731	Inside	3370.00	
Recorder	1.00	8159	Outside	3371.00	
Bullnose	3.00			3374.00	19.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>47.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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Test Start: 2013.11.07 @ 05:50:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 6100.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	spot oil cut mud 1%oil 99%mud	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

