



## DRILL STEM TEST REPORT

Prepared For: **F.G. Holl Company L.L.C**

9431 E Central STE 100 Wichita KS  
67206+2563

ATTN: Ryan Greenbaum

**Deines #1-22**

**22-19s-15w Baton**

Start Date: 2012.03.12 @ 16:38:00

End Date: 2012.03.12 @ 21:50:30

Job Ticket #: 18749                      DST #: 1

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

Printed: 2012.03.12 @ 22:07:41



# DRILL STEM TEST REPORT

F.G. Holl Company L.L.C

**22-19s-15w Baton**

9431 E Central STE 100 Wichita KS 67206+2563

**Deines #1-22**

ATTN: Ryan Greenbaum

Job Ticket: 18749

**DST#: 1**

Test Start: 2012.03.12 @ 16:38:00

## GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:57:00

Time Test Ended: 21:50:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-GB-20

**Interval: 3395.00 ft (KB) To 3415.00 ft (KB) (TVD)**

Reference Elevations: 1934.00 ft (KB)

Total Depth: 3415.00 ft (KB) (TVD)

1926.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

## Serial #: 8524

Press @ RunDepth: 40.39 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.03.12

End Date: 2012.03.12

Last Calib.: 2012.03.12

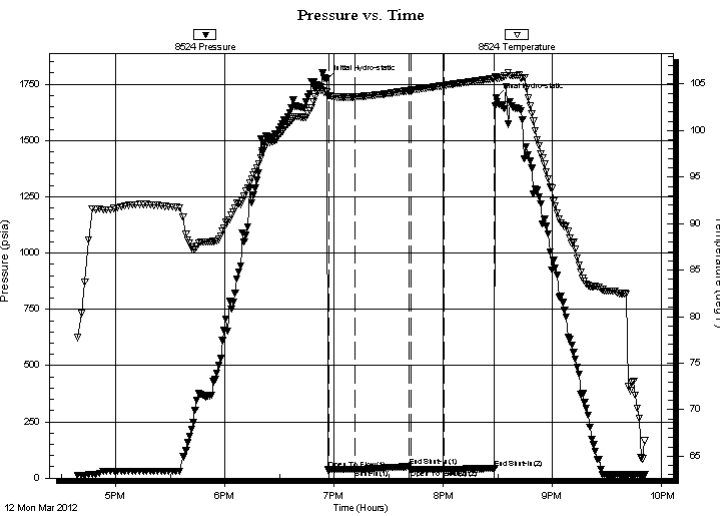
Start Time: 16:38:00

End Time: 21:50:30

Time On Btm: 2012.03.12 @ 18:56:00

Time Off Btm: 2012.03.12 @ 20:29:00

**TEST COMMENT:** 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into water did not build  
 1st Shut-in 30 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	1772.52	104.12	Initial Hydro-static
1	37.74	103.76	Open To Flow (1)
16	39.19	103.61	Shut-In(1)
45	51.36	104.29	End Shut-In(1)
46	39.36	104.31	Open To Flow (2)
65	40.39	104.84	Shut-In(2)
92	43.04	105.59	End Shut-In(2)
93	1688.50	105.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.01

## Gas Rates

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



# DRILL STEM TEST REPORT

F.G. Holl Company L.L.C

**22-19s-15w Baton**

9431 E Central STE 100 Wichita KS 67206+2563

**Deines #1-22**

ATTN: Ryan Greenbaum

Job Ticket: 18749

**DST#: 1**

Test Start: 2012.03.12 @ 16:38:00

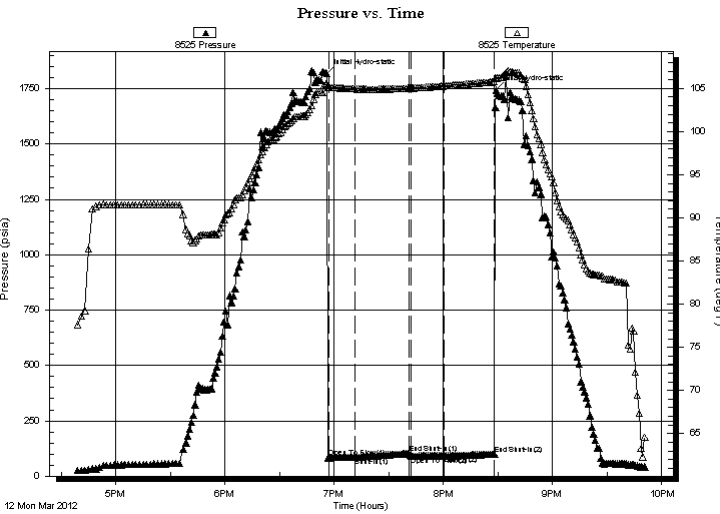
## GENERAL INFORMATION:

Formation: **LKC "H"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:57:00  
 Time Test Ended: 21:50:30  
 Interval: **3395.00 ft (KB) To 3415.00 ft (KB) (TVD)**  
 Total Depth: 3415.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-GB-20  
 Reference Elevations: 1934.00 ft (KB)  
 1926.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 8525

Press @ RunDepth: 98.80 psia @ ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.03.12 End Date: 2012.03.12 Last Calib.: 2012.03.12  
 Start Time: 16:38:00 End Time: 21:50:30 Time On Btm: 2012.03.12 @ 18:56:00  
 Time Off Btm: 2012.03.12 @ 20:29:00

**TEST COMMENT:** 1st Opening 15 Minutes-Weak surface blow built 1/2 inch into water did not build  
 1st Shut-in 30 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	1819.00	105.55	Initial Hydro-static
1	83.34	105.15	Open To Flow (1)
16	86.57	104.95	Shut-In(1)
45	102.75	105.03	End Shut-In(1)
46	89.69	105.05	Open To Flow (2)
65	92.02	105.31	Shut-In(2)
92	98.80	105.79	End Shut-In(2)
93	1744.32	106.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.01

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

F.G. Holl Company L.L.C

**22-19s-15w Baton**

9431 E Central STE 100 Wichita KS 67206+2563

**Deines #1-22**

Job Ticket: 18749

**DST#: 1**

ATTN: Ryan Greenbaum

Test Start: 2012.03.12 @ 16:38:00

## Tool Information

Drill Pipe:	Length: 3390.00 ft	Diameter: 3.80 inches	Volume: 47.55 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: 45000.00 lb
			<u>Total Volume: 47.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3395.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
SHut-InTool	5.00		Inside	3372.00	
Hydraulic Tool	5.00			3377.00	
Jars	6.00			3383.00	
Safety Joint	2.00			3385.00	
Packer	5.00			3390.00	28.00 Bottom Of Top Packer
Packer	5.00			3395.00	
Anchor	15.00			3410.00	
Recorder	1.00	8524	Inside	3411.00	
Recorder	1.00	8525	Outside	3412.00	
Bullnose	3.00			3415.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>48.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

F.G. Holl Company L.L.C

**22-19s-15w Baton**

9431 E Central STE 100 Wichita KS 67206+2563

**Deines #1-22**

Job Ticket: 18749

**DST#: 1**

ATTN: Ryan Greenbaum

Test Start: 2012.03.12 @ 16:38:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 8.40 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6400.00 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: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.014

Total Length: 1.00 ft      Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

