



## DRILL STEM TEST REPORT

Prepared For: **F G Holl Oil Company**

9431 East Central Suite 100  
Wichita, Kansas  
67206+2583

ATTN: Rene Husted

**Bell " B " #1-7**

**7/30S/13W Barber Co.**

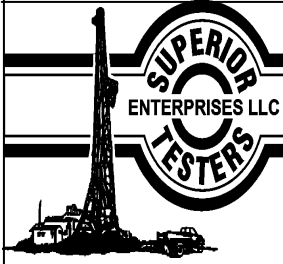
Start Date: 2012.02.12 @ 12:13:00

End Date: 2012.02.12 @ 19:14:00

Job Ticket #: 18835                      DST #: 2

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

Printed: 2012.02.12 @ 17:28:51



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**Bell " B " #1-7**  
 Job Ticket: 18835 **DST#: 2**  
 Test Start: 2012.02.12 @ 12:13:00

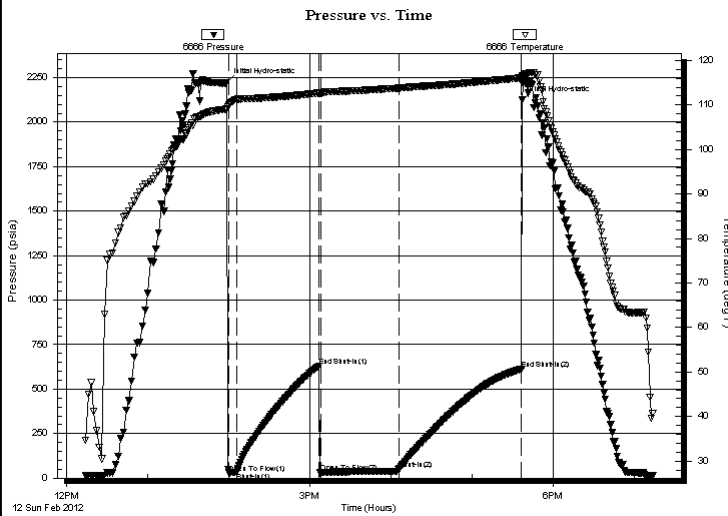
## GENERAL INFORMATION:

Formation: <b>Viola</b>		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock:	ft (KB)	Tester: Dylan E Ellis
Time Tool Opened: 14:00:00		Unit No: 3345/Great Bend/142
Time Test Ended: 19:14:00		
<b>Interval: 4568.00 ft (KB) To 4580.00 ft (KB) (TVD)</b>		Reference Elevations: 1922.00 ft (KB)
Total Depth: 4580.00 ft (KB) (TVD)		1911.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 11.00 ft

## Serial #: 6666 Outside

Press @ Run Depth: 51.77 psia @ 4577.00 ft (KB)	Capacity: 5000.00 psia
Start Date: 2012.02.12	End Date: 2012.02.12
Start Time: 12:13:00	End Time: 19:14:00
	Last Calib.: 2012.02.12
	Time On Btm: 2012.02.12 @ 13:58:30
	Time Off Btm: 2012.02.12 @ 17:37:00

**TEST COMMENT:** 1ST Opening 5 Minutes steady building blow /blow blew to bottom of bucket in 5 minutes  
 1ST Shut-In 60 Minutes yes surface blow back weak  
 2ND Opening 45 Minutes very strong blow /blow blow bottom of bucket instantly  
 2ND Shut-In 90 Minutes yes weak surface blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2221.10	109.08	Initial Hydro-static
2	29.13	110.06	Open To Flow (1)
7	31.57	111.22	Shut-In(1)
68	628.96	112.66	End Shut-In(1)
70	30.96	112.64	Open To Flow (2)
128	51.77	113.78	Shut-In(2)
218	613.07	116.08	End Shut-In(2)
219	2122.56	116.43	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Very lightly Oil spotted Mud-99%	0.21
0.00	350' Gas in the pipe	0.00

## Gas Rates

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



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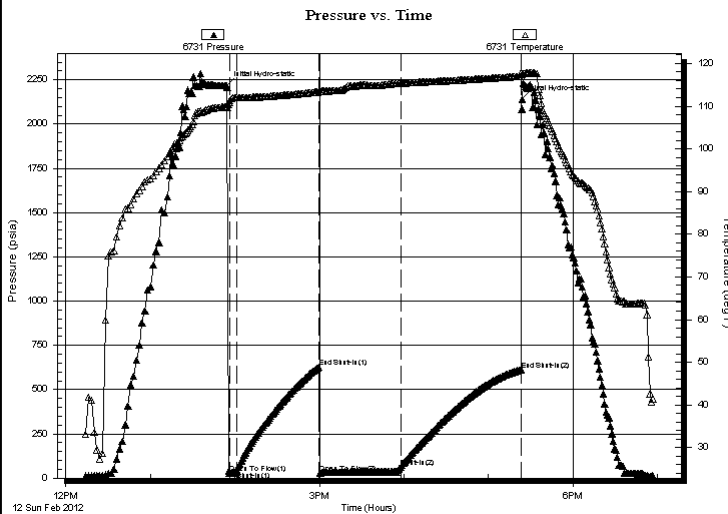
**7/30S/13W Barber Co.**  
**Bell " B " #1-7**  
 Job Ticket: 18835 **DST#: 2**  
 Test Start: 2012.02.12 @ 12:13:00

## GENERAL INFORMATION:

Formation: **Viola**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:00:00  
 Time Test Ended: 19:14:00  
**Interval: 4568.00 ft (KB) To 4580.00 ft (KB) (TVD)**  
 Total Depth: 4580.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dylan E Ellis  
 Unit No: 3345/Great Bend/142  
 Reference Elevations: 1922.00 ft (KB)  
 1911.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 6731 Inside**  
 Press @ Run Depth: 612.82 psia @ 4576.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.02.12 End Date: 2012.02.12 Last Calib.: 2012.02.12  
 Start Time: 12:13:00 End Time: 18:56:30 Time On Btm: 2012.02.12 @ 13:54:00  
 Time Off Btm: 2012.02.12 @ 17:24:00

**TEST COMMENT:** 1ST Opening 5 Minutes steady building blow /blow blew to bottom of bucket in 5 minutes  
 1ST Shut-In 60 Minutes yes surface blow back weak  
 2ND Opening 45 Minutes very strong blow /blow blow bottom of bucket instantly  
 2ND Shut-In 90 Minutes yes weak surface blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2216.71	109.78	Initial Hydro-static
2	28.49	110.80	Open To Flow (1)
8	40.03	112.01	Shut-In(1)
66	628.86	113.34	End Shut-In(1)
67	29.09	113.45	Open To Flow (2)
124	62.84	115.38	Shut-In(2)
209	612.82	117.00	End Shut-In(2)
210	2141.18	117.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Very lightly Oil spotted Mud-99%	0.21
0.00	350' Gas in the pipe	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

F G Holl Oil Company

**7/30S/13W Barber Co.**

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**Bell " B " #1-7**

Job Ticket: 18835

**DST#: 2**

Test Start: 2012.02.12 @ 12:13:00

## Tool Information

Drill Pipe:	Length: 4549.00 ft	Diameter: 3.80 inches	Volume: 63.81 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	9000.00 lb
			<u>Total Volume: 63.81 bbl</u>	Tool Chased	4.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	4568.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	40.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: The second open was acting as if it were surging after i bleed it off and closed it to build again

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4545.00	
Hydraulic Tool	5.00			4550.00	
Jars	6.00			4556.00	
Safety Joint	2.00			4558.00	
Packer	5.00			4563.00	28.00 Bottom Of Top Packer
Packer	5.00			4568.00	
Anchor	7.00			4575.00	
Recorder	1.00	6731	Inside	4576.00	
Recorder	1.00	6666	Outside	4577.00	
Bull Plug	3.00			4580.00	12.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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Job Ticket: 18835

DST#: 2

Test Start: 2012.02.12 @ 12:13:00

### Mud and Cushion Information

Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 49.00 sec/qt  
 Water Loss: 8.80 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 4000.00 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
15.00	Very lightly Oil spotted Mud-99%	0.210
0.00	350' Gas in the pipe	0.000

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

