

# DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

**Blackwell-Peterson Unit #1-25**

9431 East Central Suite 100  
Wichita, Kansas 67206-2563

**25-22s-15w**

Job Ticket: 16576

DST#: 1

ATTN: Rene Husted

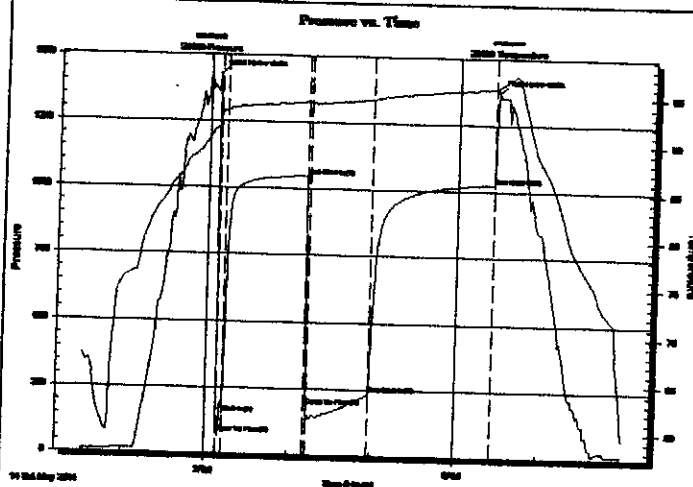
Test Start: 2011.05.14 @ 01:30:00

## GENERAL INFORMATION:

Formation: Tarkio  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
 Interval: 2844.00 ft (KB) To 2907.00 ft (KB) (TVD)  
 Total Depth: 2844.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3325-50  
 Reference Elevations: 1996.00 ft (KB)  
 1988.00 ft (CF)  
 KB to GR/CF: 8.00 ft

Serial #: 26180 Inside  
 Press@RunDepth: 1025.41 psia @ 2903.01 ft (KB)  
 Start Date: 2011.05.14 End Date: 2011.05.14  
 Start Time: 01:30:30 End Time: 08:01:30  
 Capacity: 5000.00 psia  
 Last Calib.: 2011.05.14  
 Time On Btm: 2011.05.14 @ 03:06:30  
 Time Off Btm: 2011.05.14 @ 06:28:30

TEST COMMENT: 1st Opening 5 Minutes-Good blow built to the bottom of a 5 gallon bucket in 30 seconds  
 1st Shut-in 60 Minutes-No blow back  
 2nd Opening 45 Minutes-Good blow gas to surface in 12 minutes  
 2nd Shut-in 90 Minutes-fair blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1428.09	91.62	Initial Hydro-static
2	78.52	92.81	Open To Flow (1)
6	150.53	93.35	Shut-in(1)
65	1046.12	94.25	End Shut-in(1)
67	186.38	94.20	Open To Flow (2)
112	236.46	94.62	End Shut-in(2)
200	1025.41	95.94	End Shut-in(3)
202	1372.31	96.10	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	thick heavy mud	2.10
60.00	Muddy water 30%Mud 70%Water	0.84
150.00	Water 2%Mud 98%Water	2.10
0.00	Chlorides 146000	0.00
0.00	Resistivity .25 @ 66 degrees	0.00

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	35.80	13.40
Last Gas Rate	0.13	23.25	8.70
Max. Gas Rate	0.13	35.80	13.40