



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

F.G. Holl Company L.L.C.
 9431 East Central Suite 100
 Wichita, Kansas 67206 2563
 ATTN: Ryan Greenbaum

31-18s-13w
Millard Trust #1-31
 Job Ticket: 60397 **DST#: 1**
 Test Start: 2014.11.16 @ 00:00:00

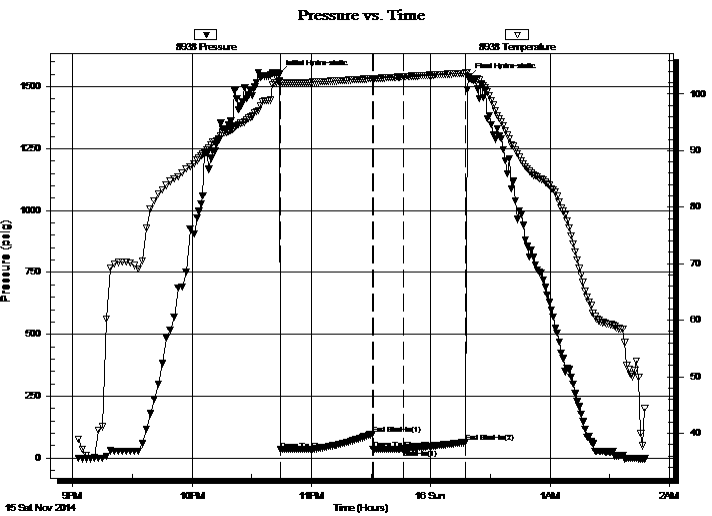
GENERAL INFORMATION:

Formation: **Kansas City "A&B"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3170.00 ft (KB) To 3216.00 ft (KB) (TVD)**
 Total Depth: 3216.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: S-4 16
 Reference Elevations: 1888.00 ft (KB)
 1880.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8938

Press @ Run Depth: 63.99 psig @ ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.15 End Date: 2014.11.16 Last Calib.: 1899.12.30
 Start Time: 21:03:00 End Time: 01:48:00 Time On Btm: 2014.11.15 @ 22:44:00
 Time Off Btm: 2014.11.16 @ 00:19:00

TEST COMMENT: 1st Opening 15 Minutes-WEak blow for 6 minutes and died



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.89	102.28	Initial Hydro-static
1	33.67	101.96	Open To Flow (1)
47	96.69	102.74	End Shut-In(1)
47	36.89	102.73	Open To Flow (2)
62	37.73	103.05	Shut-In(1)
94	63.99	103.69	End Shut-In(2)
95	1534.52	103.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



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Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	sec/qt	Cushion Volume:	bbbl		
Water Loss:	in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: Num Gas Bombs: Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

