

# DRILL STEM TEST REPORT

Carrie Exploration  
 210 West 22ND  
 Hays, Kansas 67601  
 ATTN: Jeff Lawler

**23/12S/22W/Trego**  
**Doxon/Bunker #C-1**  
 Job Ticket: 17153      **DST#: 2**  
 Test Start: 2012.02.07 @ 06:19:00

## GENERAL INFORMATION:

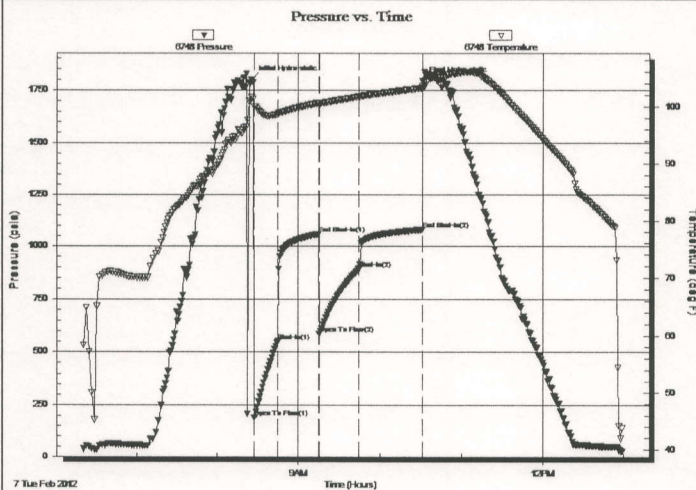
Formation: **Lansing/Kansas City**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 08:27:30  
 Time Test Ended: 12:59:00  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Hays/50  
 Interval: **3685.00 ft (KB) To 3715.00 ft (KB) (TVD)**  
 Total Depth: 3715.00 ft (KB) (TVD)  
 Reference Elevations: 2369.00 ft (KB)  
 2362.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 KB to GR/CF: 7.00 ft

## Serial #: 6748

## Inside

Press@RunDepth: 894.10 psia @ 3711.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.02.07      End Date: 2012.02.07      Last Calib.: 2012.02.07  
 Start Time: 06:19:00      End Time: 12:59:00      Time On Btm: 2012.02.07 @ 08:25:30  
 Time Off Btm: 2012.02.07 @ 10:31:30

TEST COMMENT: 1ST Open 15 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes  
 1ST Shut In 30 Minutes/No blow back  
 2ND Open 30 Minutes/Strong blow /Blow to bottom of bucket in 2 minutes  
 2ND Shut In 45 Minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1797.20	101.64	Initial Hydro-static
3	190.33	99.93	Open To Flow (1)
20	554.18	98.77	Shut-In(1)
50	1059.75	100.67	End Shut-In(1)
50	589.32	100.45	Open To Flow (2)
80	894.10	101.77	Shut-In(2)
126	1081.78	103.26	End Shut-In(2)
126	1792.75	103.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	Muddy Water	2.35
0.00	Mud 50% Water 50%	0.00
1230.00	Muddy Water	17.99
0.00	Mud 5% Water 95%	0.00
0.00	Recovery Chlorides 108000 ppm	0.00
0.00	Recov. Resist. .11 ohms @ 68 degrees	0.00

## Gas Rates

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