

# DRILL STEM TEST REPORT

Carrie Exploration & Development

**John Roth #C-2**

210 West 2nd Street  
Hays, Kansas 67601

**34-19s-11w**

Job Ticket: 17215

**DST#: 4**

ATTN: Herb Deines

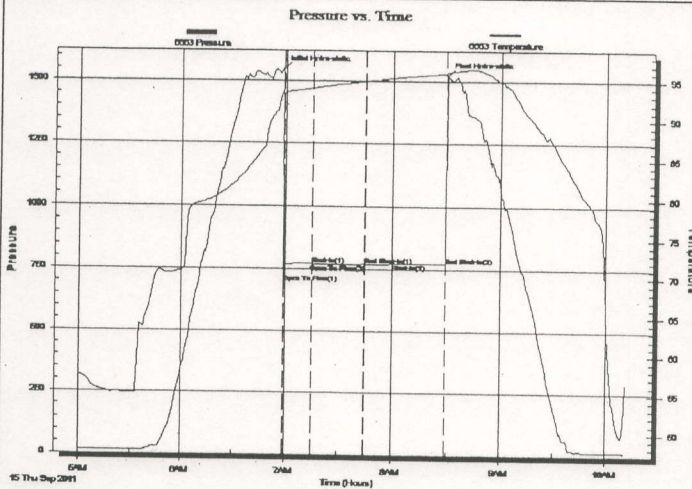
Test Start: 2011.09.15 @ 05:00:00

## GENERAL INFORMATION:

Formation: **Kansas City "F"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:59:00  
 Time Test Ended: 10:12:00  
 Interval: **3098.00 ft (KB) To 3126.00 ft (KB) (TVD)**  
 Total Depth: 3399.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3335-30  
 Reference Elevations: 1780.00 ft (KB)  
 1772.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6663** Outside  
 Press@RunDepth: 770.34 psia @ 3127.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2011.09.15 End Date: 2011.09.15 Last Calib.: 2011.09.15  
 Start Time: 05:00:00 End Time: 10:12:00 Time On Btm: 2011.09.15 @ 06:58:30  
 Time Off Btm: 2011.09.15 @ 08:29:30

TEST COMMENT: 1st Opening 15 Minutes Weak blow for 10 minutes and died  
 1st Shut-In 30 Minutes-No blow back  
 2nd Opening 15 Minutes-No blow  
 2nd Shut-In 30 Minutes- No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1546.50	93.65	Initial Hydro-static
1	690.51	93.17	Open To Flow (1)
17	770.57	94.00	Shut-In(1)
46	770.50	94.95	End Shut-In(1)
47	769.03	94.96	Open To Flow (2)
62	770.34	95.36	Shut-In(2)
91	770.37	96.02	End Shut-In(2)
91	1523.85	96.18	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
110.00	drilling mud	1.54

## Gas Rates

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