



DRILL STEM TEST REPORT

Carrie Exploration Development

34/ 19S/ 11W Barton Co

210 West 22nd Street
Hays, Kans
67601as

Thomas Farms #C-2

Job Ticket: 18830 DST#: 4

ATTN: Herb Deines

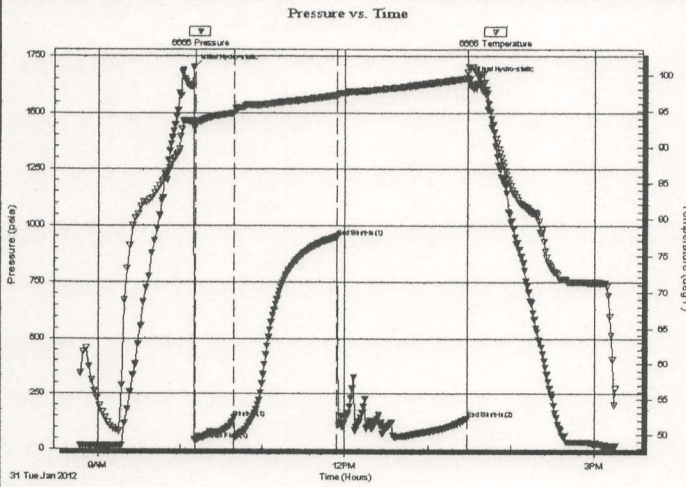
Test Start: 2012.01.31 @ 08:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:11:00
 Time Test Ended: 15:16:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dylan E Ellis
 Unit No: 3345/Great Bend/33
 Interval: **3288.00 ft (KB) To 3315.00 ft (KB) (TVD)**
 Reference Elevations: 1779.00 ft (KB)
 Total Depth: 3315.00 ft (KB) (TVD) 1771.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: **6666** Outside
 Press@RunDepth: 140.01 psia @ 3311.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.01.31 End Date: 2012.02.01 Last Calib.: 2012.02.01
 Start Time: 08:46:00 End Time: 15:16:00 Time On Btm: 2012.01.31 @ 10:10:00
 Time Off Btm: 2012.01.31 @ 13:29:30

TEST COMMENT: 1ST Opening 30 Minutes very weak blow/blow blew 1 inch into bucket of water
 1ST Shut-In 110 Minutes no blow back
 2ND Opening 45 Minutes very weak blow/blow blew 1 inch into bucket of water
 2ND Shut-In 45 Minutes no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1696.86	93.58	Initial Hydro-static
1	42.14	93.19	Open To Flow (1)
30	140.01	94.70	Shut-in(1)
105	949.70	97.19	End Shut-in(1)
198	139.10	99.51	End Shut-in(2)
200	1642.97	101.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil and Mud cut Gas	0.84
0.00	10% Oil 30% Mud 60% Gas	0.00
0.00	189' Gas in the pipe	0.00

Gas Rates

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