

# DRILL STEM TEST REPORT

Carrie Exploration Development

34/ 19S/ 11W Barton Co

210 West 22nd Street  
Hays, Kans  
67601as  
ATTN: Herb Deines

Thomas Farms #C-2

Job Ticket: 18828

DST#: 2

Test Start: 2012.01.30 @ 10:40:00

## GENERAL INFORMATION:

Formation: **Lansing "C,D,F" Zo**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:03:30

Time Test Ended: 18:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/33

Interval: **3073.00 ft (KB) To 3115.00 ft (KB) (TVD)**

Total Depth: 3115.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1779.00 ft (KB)

1771.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6666** Outside

Press@RunDepth: 428.50 psia @ 3111.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.30

End Date: 2012.01.30

Last Calib.: 2012.01.30

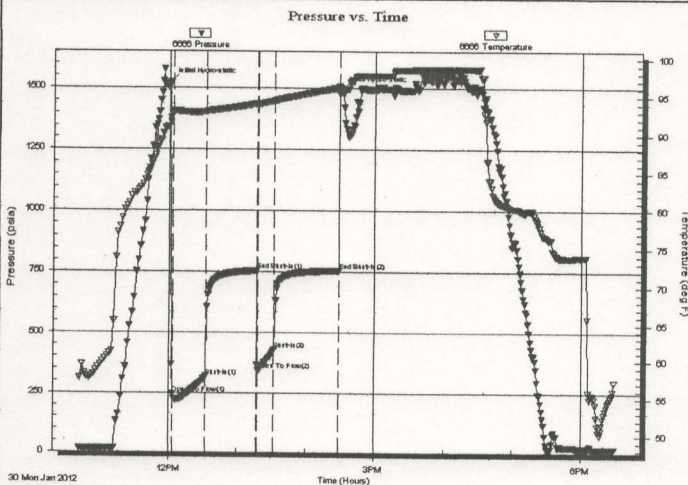
Start Time: 10:40:00

End Time: 18:30:00

Time On Btm: 2012.01.30 @ 12:01:00

Time Off Btm: 2012.01.30 @ 14:31:00

TEST COMMENT: 1ST Opening 30 Minutes very strong blow/blow blew to bottom of bucket instantly/gas to surface  
 1ST Shut-In 45 Minutes yes surface  
 2ND Opening 20 Minutes very strong blow /bottom of bucket instantly/Oil to surface in 12 minutes  
 2ND Shut-In 40 Minutes yes surface



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1523.64	91.75	Initial Hydro-static
3	246.17	93.00	Open To Flow (1)
32	316.36	93.00	Shut-In(1)
76	755.82	94.10	End Shut-In(1)
77	341.20	94.04	Open To Flow (2)
92	428.50	94.45	Shut-In(2)
148	756.72	96.20	End Shut-In(2)
150	1493.18	96.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2989.00	Clean Gassy Oil	41.93
0.00	20% Gas 80% Oil	0.00
126.00	Light Oil cut Muddy Gas	
0.00	10% Oil/50% Mud/ 40% Gas	

## Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.50	21.00	141.66
Last Gas Rate	0.50	14.50	97.81
Max. Gas Rate	0.50	21.00	141.66