

DRILL STEM TEST REPORT

Carrie Exploration+Development

36/19S/11W Barton Co.

210 West 22ND Street Hays,67601

Kay C-1

Job Ticket: 18866

DST#: 2

ATTN: Herb Deines

Test Start: 2012.01.13 @ 11:41:00

GENERAL INFORMATION:

Formation: **Lansing "C,D,E,F" Z**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:34:30

Time Test Ended: 18:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/38

Interval: **3054.00 ft (KB) To 3094.00 ft (KB) (TVD)**

Total Depth: 3094.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1773.00 ft (KB)

1763.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6666 Outside

Press@RunDepth: 537.03 psia @ 3091.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.13

End Date: 2012.01.14

Last Calib.: 2012.01.14

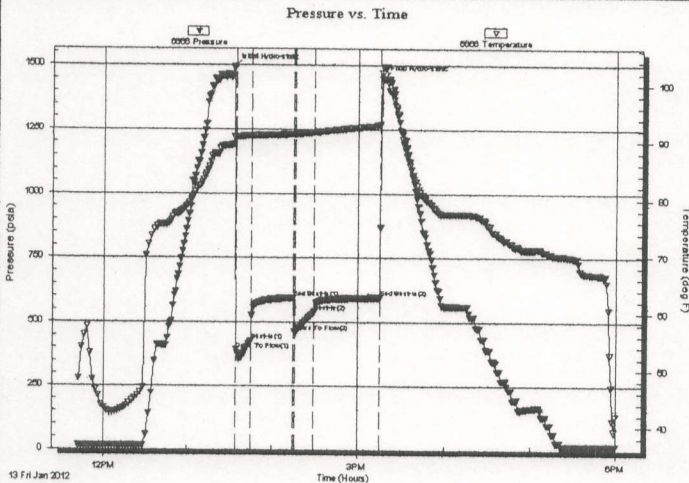
Start Time: 11:41:00

End Time: 18:00:00

Time On Btm: 2012.01.13 @ 13:32:30

Time Off Btm: 2012.01.13 @ 15:16:30

TEST COMMENT: 1ST Opening 10 Minutes very very strong blow /blow blew to bottom of bucket in 10 seconds
 1ST Shut-in 30 Minutes yes building blow back/ 8 inches
 2ND Opening 10 Minutes very very strong blow /blow blew to bottom of bucket instantly
 2ND Shut-in 30 Minutes yes building blow back/bottom of bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1491.09	89.56	Initial Hydro-static
2	391.45	90.89	Open To Flow (1)
13	426.83	91.02	Shut-In(1)
42	594.25	91.37	End Shut-In(1)
44	460.50	91.37	Open To Flow (2)
57	537.03	91.67	Shut-In(2)
103	595.39	93.01	End Shut-In(2)
104	1447.35	102.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1260.00	Muddy Water/50%Mud 50%Water	17.67
0.00	189' Gas in the pipe	0.00
0.00	Resistivity was .40 @ 58 degrees	0.00
0.00	Chlorides were 56,000.0	0.00

Gas Rates

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