

# DRILL STEM TEST REPORT

Carrie Exploration+Development

**36/19S/11W Barton Co.**

210 West 22ND Street Hays, 67601

**Kay C-1**

Job Ticket: 18867

**DST#: 3**

ATTN: Herb Deines

Test Start: 2012.01.14 @ 11:31:00

### GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:52:00

Time Test Ended: 17:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Great Bend/38

**Interval: 3252.00 ft (KB) To 3291.00 ft (KB) (TVD)**

Total Depth: 3291.00 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: 567.95 psia @ 3288.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.01.14

End Date: 2012.01.15

Last Calib.: 2012.01.15

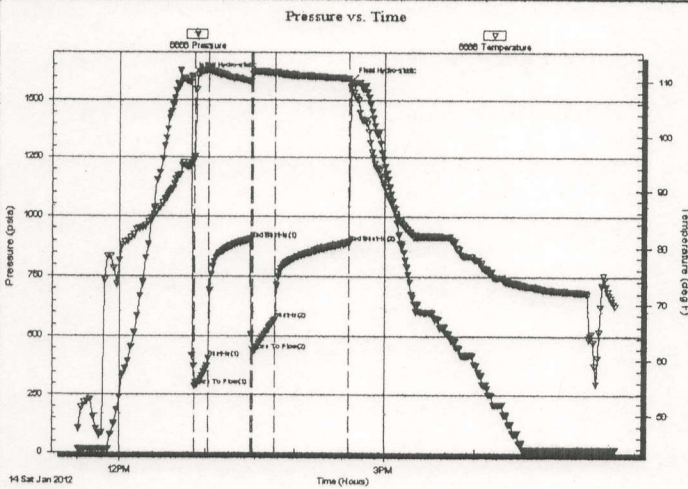
Start Time: 11:31:00

End Time: 17:35:00

Time On Btrr: 2012.01.14 @ 12:50:00

Time Off Btrr: 2012.01.14 @ 14:37:30

TEST COMMENT: 1ST Opening 10 Minutes very strong blow/blow blew to bottom of bucket in 1 minute  
 1ST Shut-In 30 Minutes yes blow back/building/1 inch  
 2ND Opening 15 Minutes very strong blow/blow blew to bottom of bucket in 1 minute  
 2ND Shut-In 45 Minutes yes blow back/built 5 inches



### PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1600.70	94.58	Initial Hydro-static
2	287.92	95.74	Open To Flow (1)
12	403.42	111.81	Shut-In(1)
40	904.44	109.85	End Shut-In(1)
42	438.90	111.15	Open To Flow (2)
57	567.95	111.39	Shut-In(2)
107	892.08	110.46	End Shut-In(2)
108	1579.42	108.91	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
441.00	Light Oil cut Muddy Water	6.19
0.00	10%Oil 30%Mud 60%Water	0.00
504.00	Gas and Oil cut Water	7.07
0.00	20%Gas 15%Oil 65%Water	0.00
378.00	Salt Water/Skim Oil on top	5.30
0.00	Skim-Oil 100%Water	0.00

### Gas Rates

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