

DRILL STEM TEST REPORT

Carrie Exploration & Development

10-22s-11w Stafford

210 West 22nd
Hays, Kansas 67601

Sleeper #C-1

Job Ticket: 17316

DST#: 1

ATTN: Herb Deines

Test Start: 2012.08.01 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City "B,C,D,&**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig 59

Unit No: 3315

Interval: **3174.00 ft (KB) To 3245.00 ft (KB) (TVD)**

Reference Elevations: 1761.00 ft (KB)

Total Depth: 3245.00 ft (KB) (TVD)

1754.00 ft (CF)

Hole Diameter: 8.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **8405** Outside

Press@RunDepth: 1149.97 psia @ 3241.98 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.01 End Date: 2012.08.01

Last Calib.: 2012.08.01

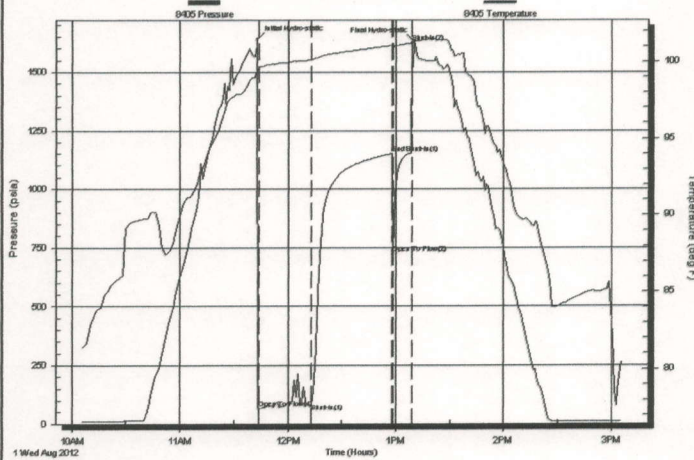
Start Time: 10:05:00 End Time: 15:06:00

Time On Btm: 2012.08.01 @ 11:43:00

Time Off Btm: 2012.08.01 @ 13:10:00

TEST COMMENT: 1st Oprng 30 Minutes Weak building blow built to 3 1/8 inches into the water
1st Shut-In 45 Minutes-no blow back
2nd Opening 25 Minutes-No blow - flushed tool-no help-pulled tool after 15 minutes
2nd Sut-In none taken

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1638.99	99.68	Initial Hydro-static
1	67.44	99.44	Open To Flow (1)
30	88.87	100.12	Shut-In(1)
75	1149.97	101.04	End Shut-In(1)
76	726.86	100.87	Open To Flow (2)
86	1624.02	101.28	Shut-In(2)
87	1630.31	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drilling mud	0.56

Gas Rates

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