

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vecta

Grays #23-27

27-13s-47w Cheyenne

Job Ticket: 37751

DST#: 3

ATTN: Matt Goolsby/Randy Sa

Test Start: 2009.12.27 @ 20:41:05

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:53:30

Time Test Ended: 06:00:45

Test Type: Conventional Bottom Hole

Tester: Brandon Domsch

Unit No: 48

Interval: **5340.00 ft (KB) To 5352.00 ft (KB) (TVD)**

Total Depth: 5352.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 4438.00 ft (KB)

4427.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8322 Inside

Press@RunDepth: 43.41 psig @ 5341.00 ft (KB)

Start Date: 2009.12.27

End Date:

2009.12.28

Capacity: 8000.00 psig

Last Calib.: 2009.12.28

Start Time: 20:41:05

End Time:

06:00:45

Time On Btmr: 2009.12.27 @ 23:51:45

Time Off Btmr: 2009.12.28 @ 02:55:14

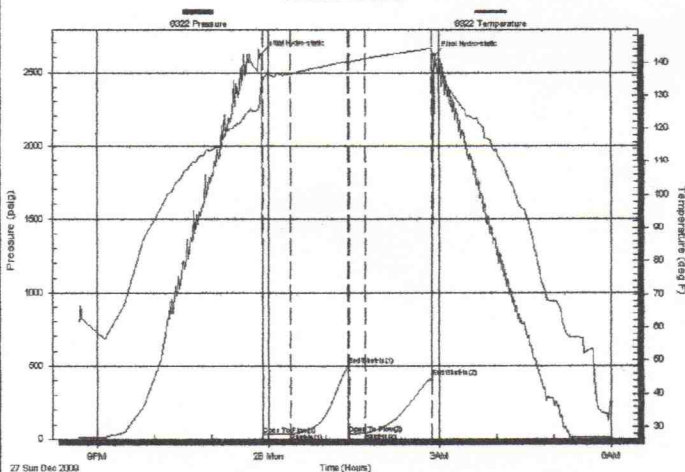
TEST COMMENT: IF: Built to 1/2 inch died back to 1/4 inch.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2620.01	131.86	Initial Hydro-static
2	33.43	133.12	Open To Flow (1)
32	36.98	136.63	Shut-In(1)
92	503.81	140.40	End Shut-In(1)
93	39.75	140.39	Open To Flow (2)
110	43.41	141.23	Shut-In(2)
181	421.47	144.30	End Shut-In(2)
184	2616.51	139.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10	m 100% m GIP = 0	.049

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Pressure vs. Time

