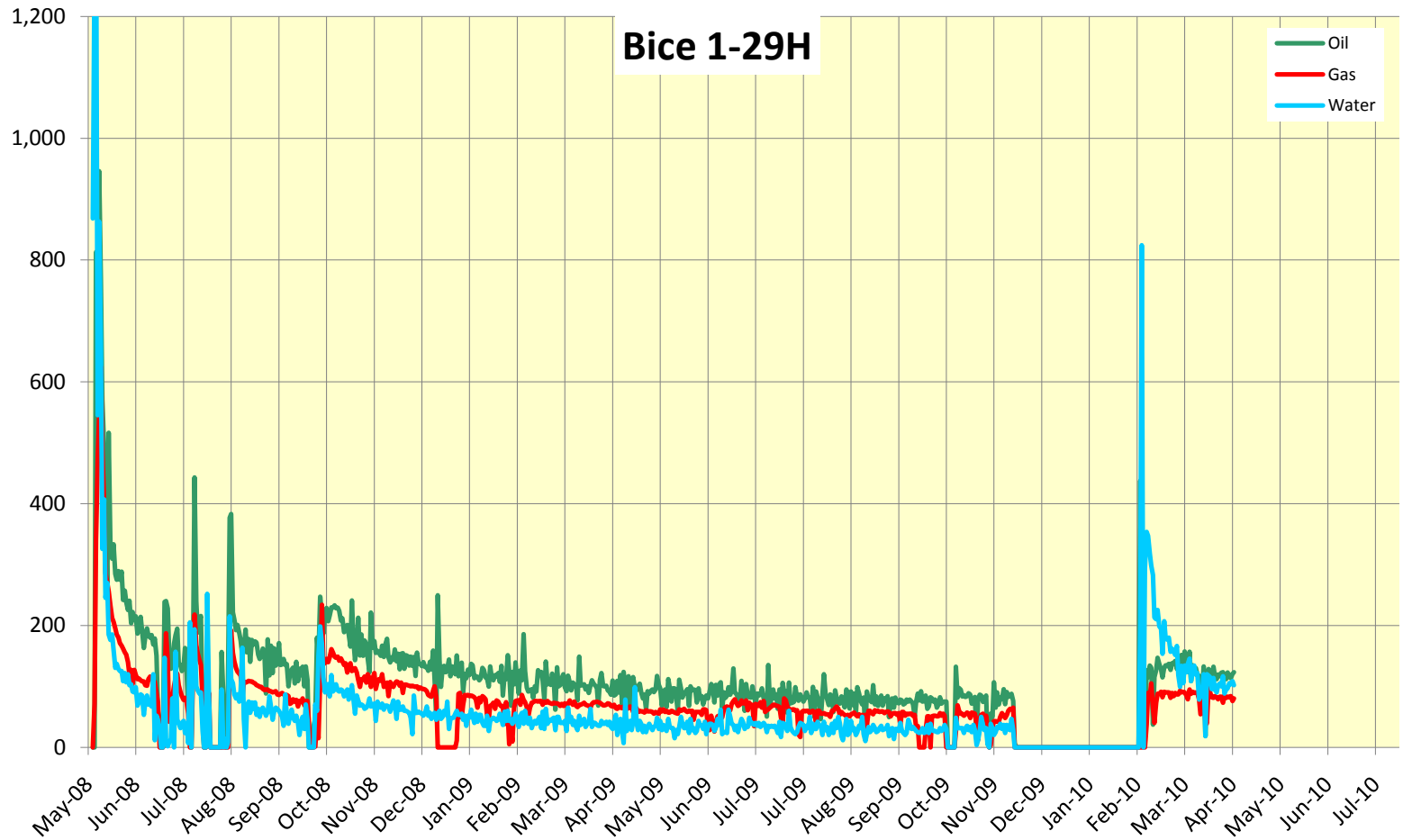


Bakken/Three Forks Connectivity Study

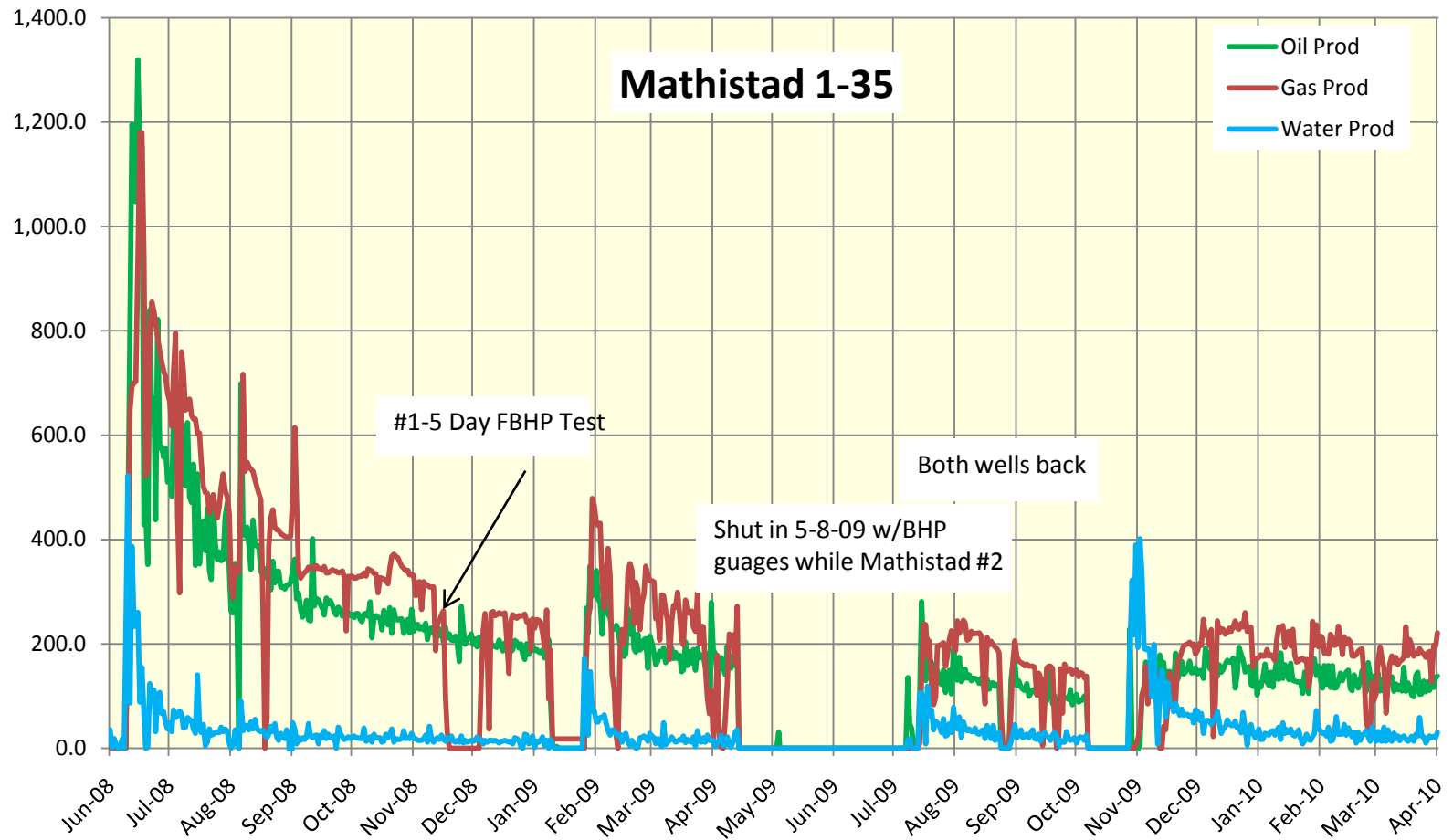
-

Mathistad & Bice Spacing Units
McKenzie County, North Dakota

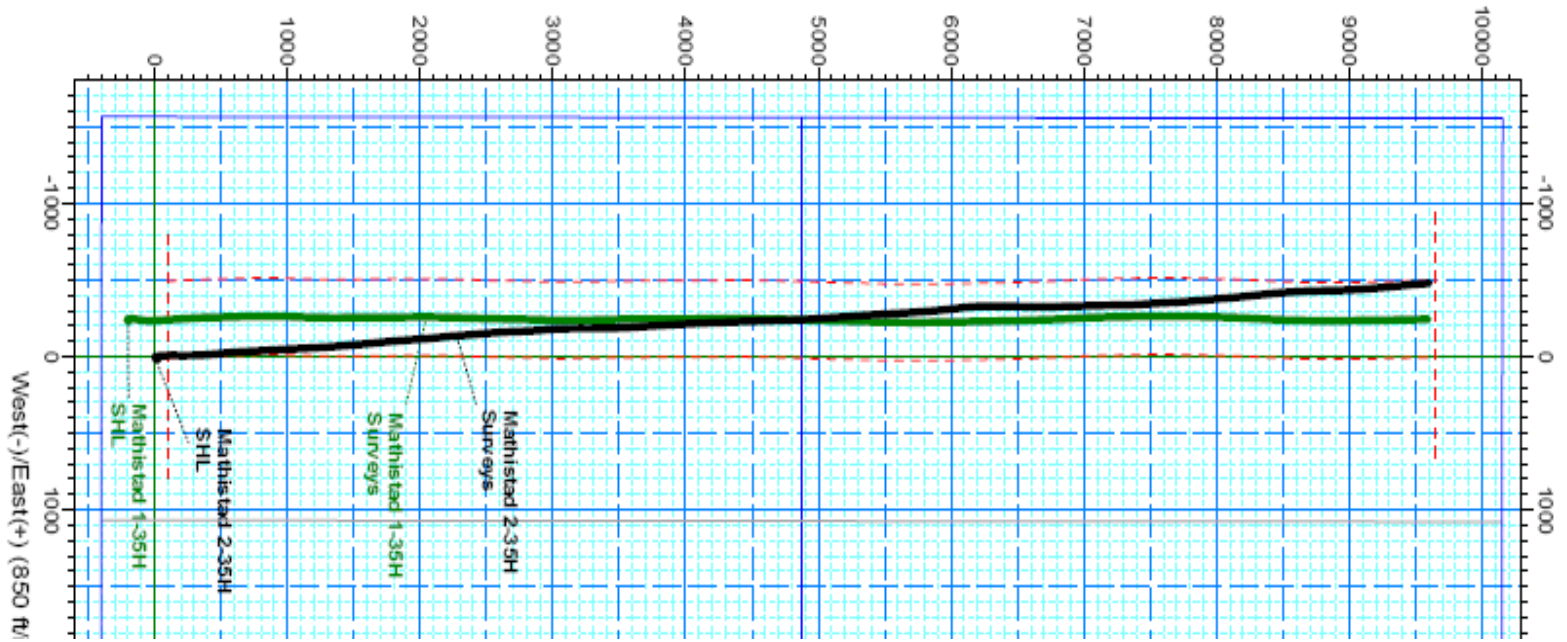
Daily Production-Bice #1



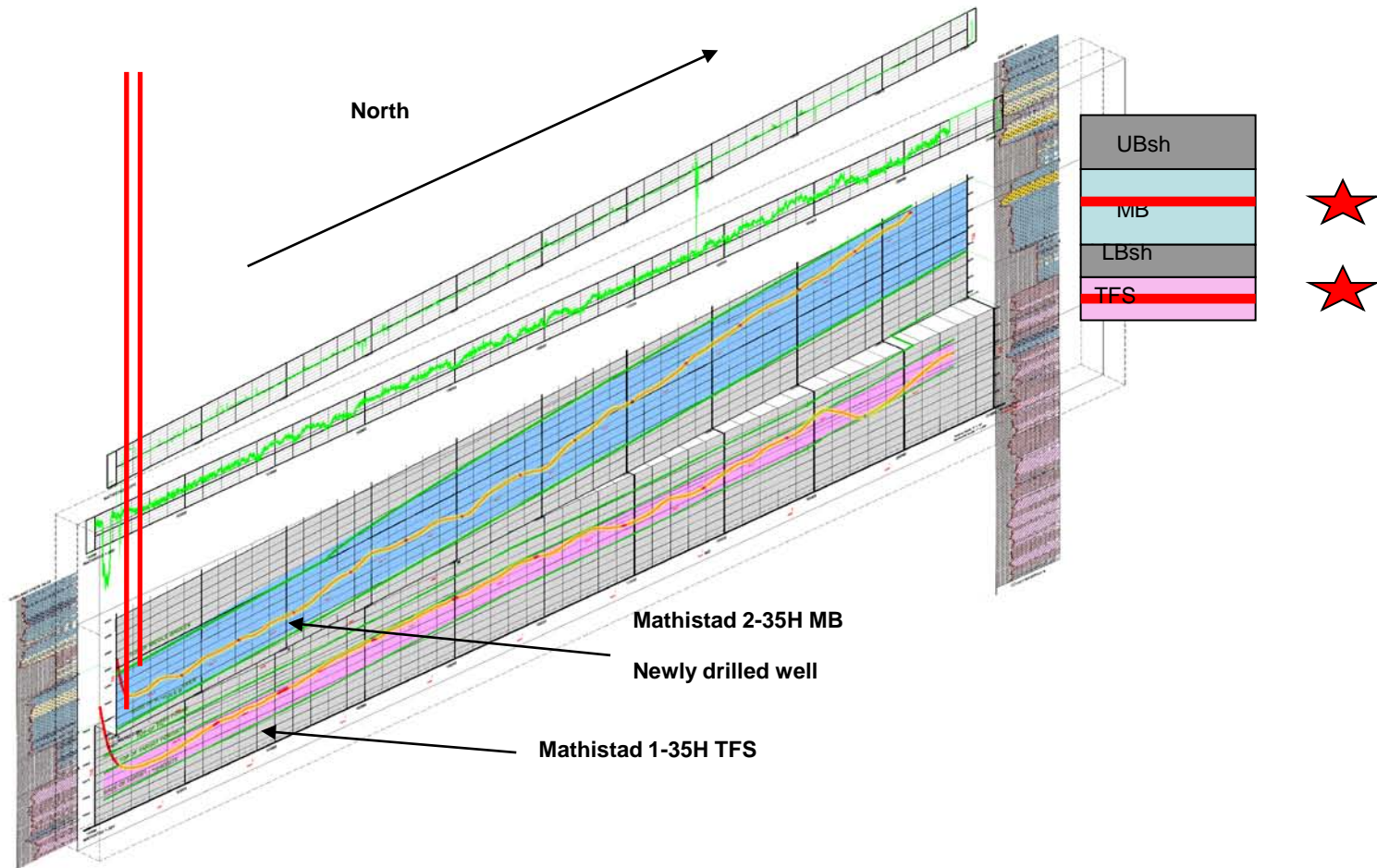
Daily Production—Mathistad #1



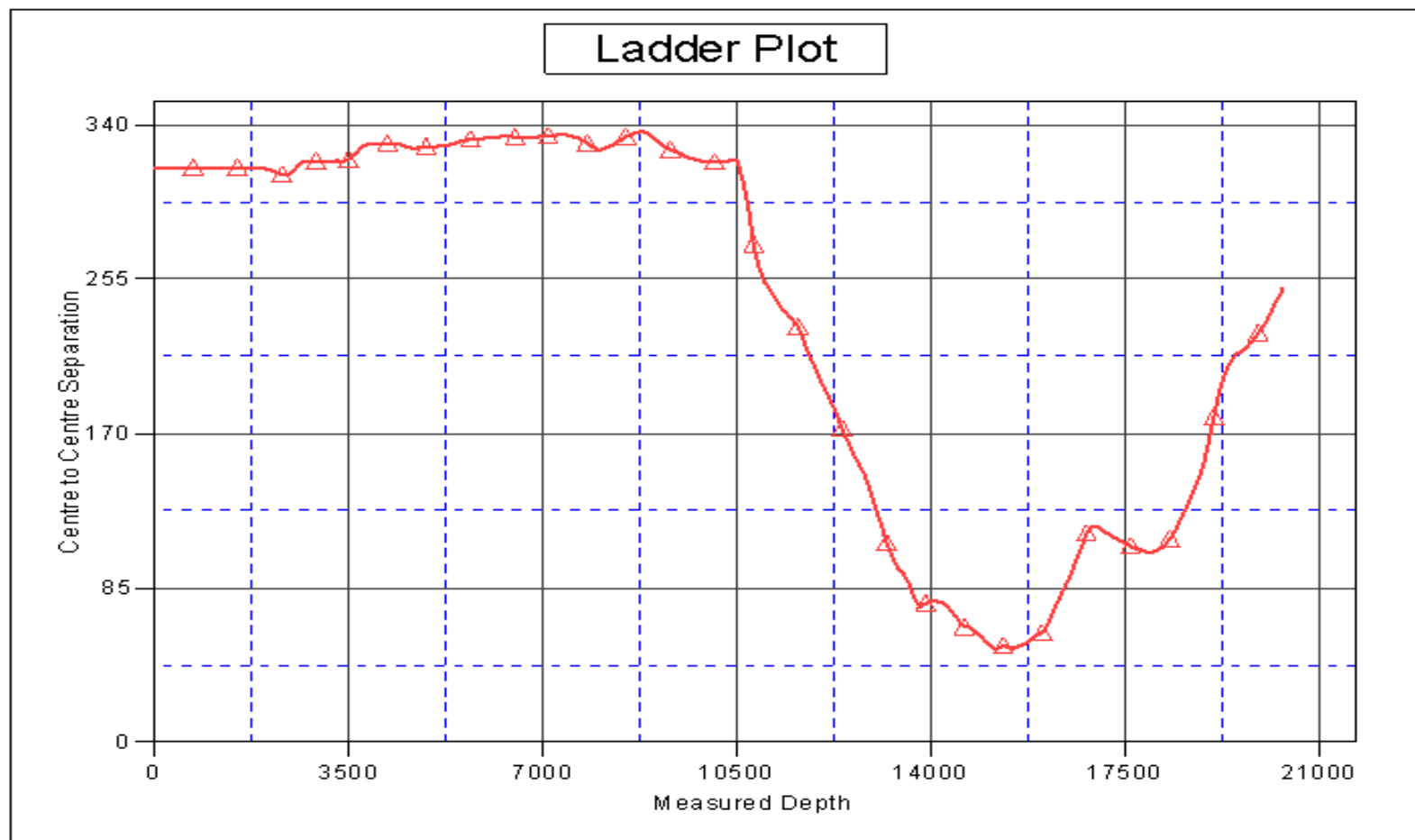
Map View-Mathistad 1 & 2



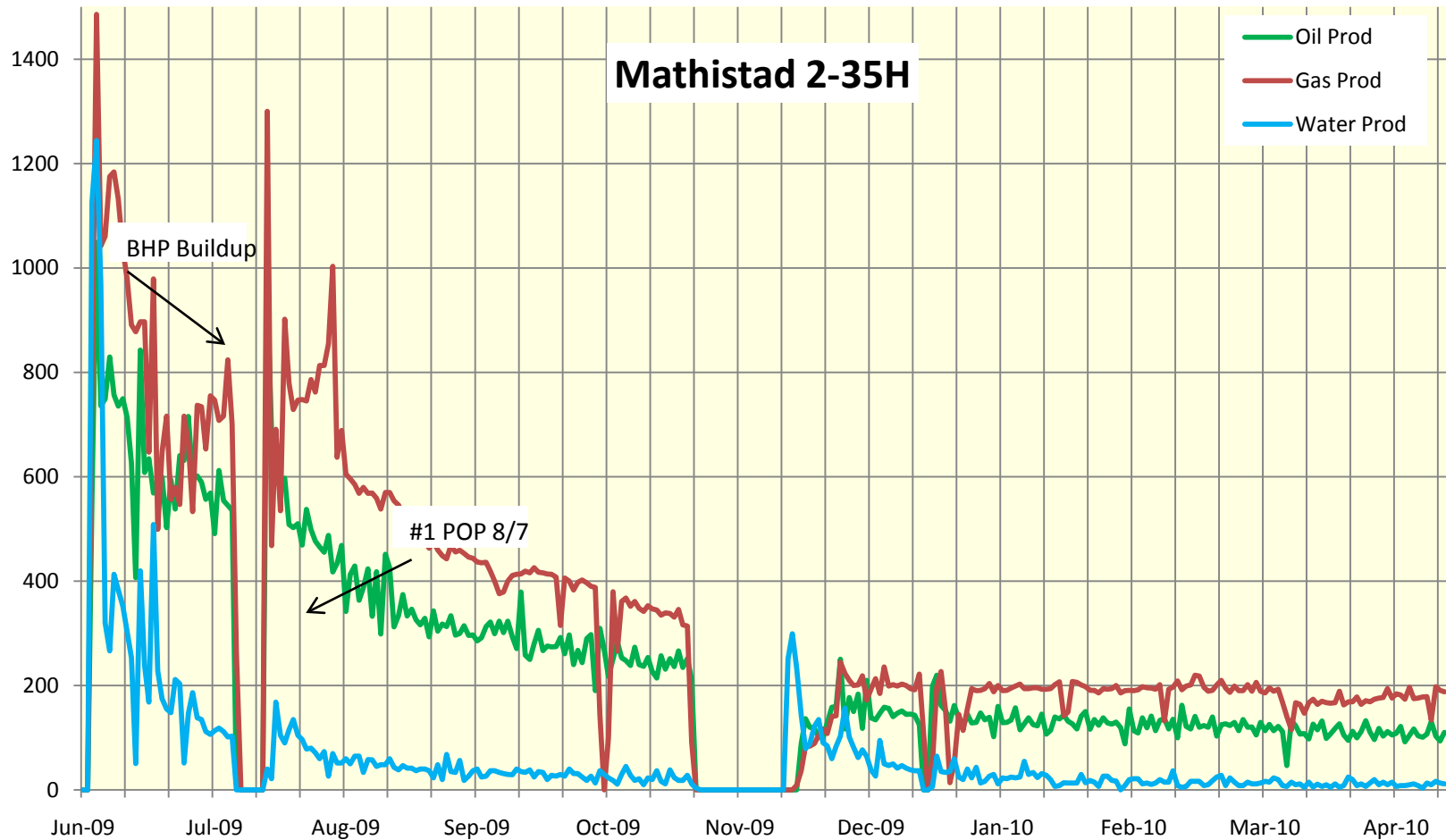
Wellbore Profile-Mathistad 1 &



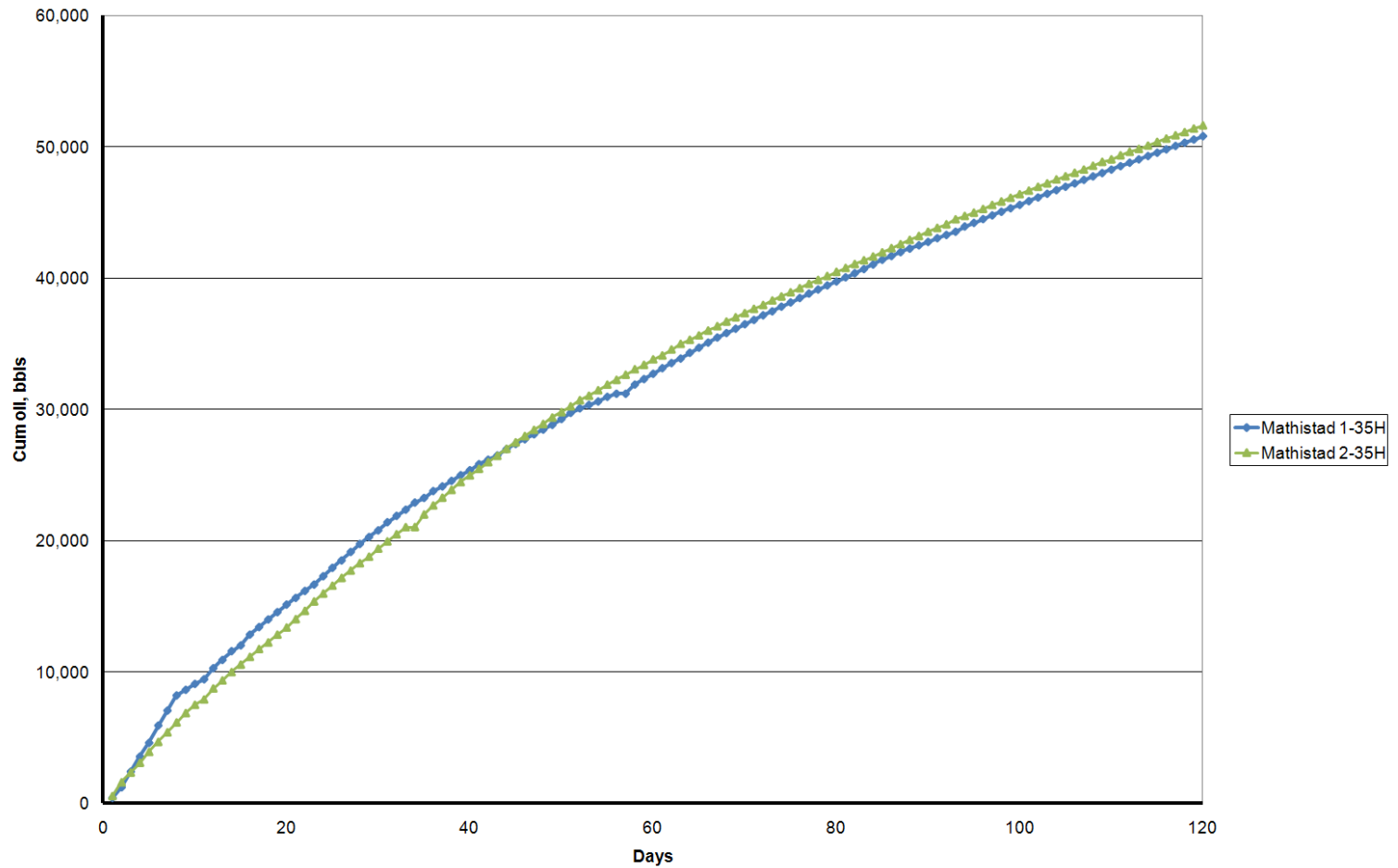
Ladder Plot–Mathistad 1 & 2



Daily Production—Mathistad #2



Mathistad 1 & 2 Normalized Oil

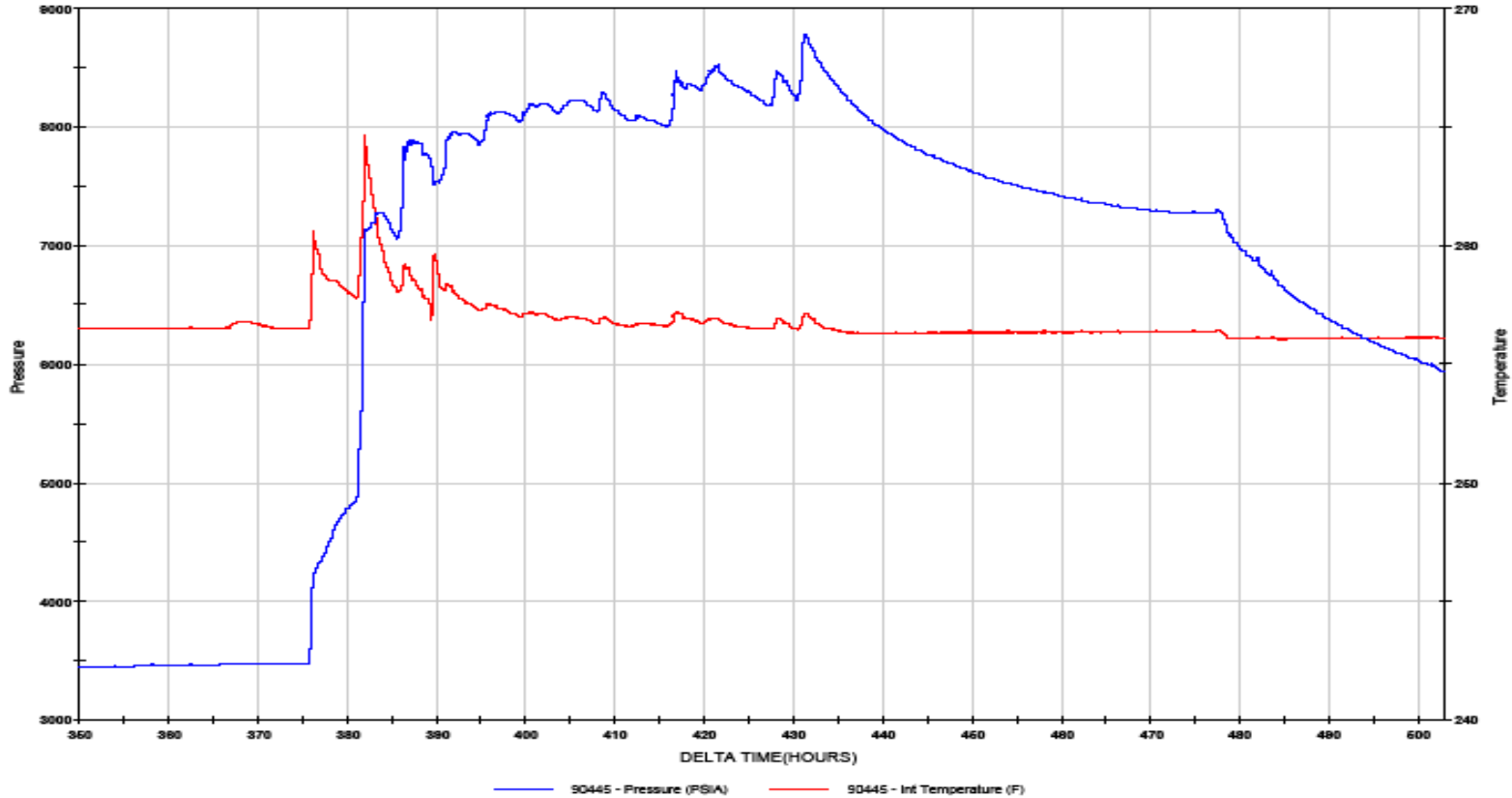


Pressure Response-Mathistad 1

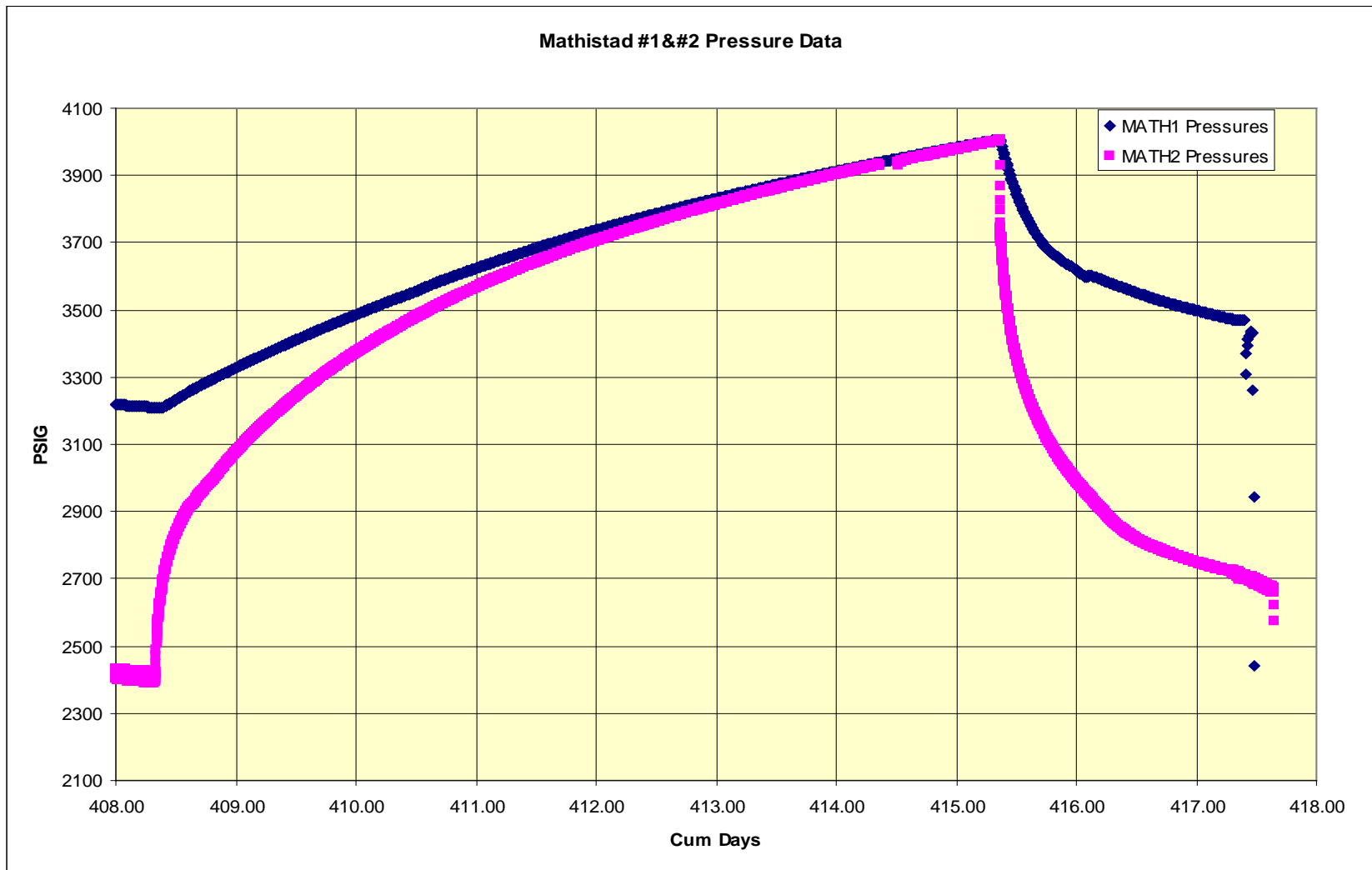
PRESSURE AND TEMPERATURE VS DELTA TIME

Company: Continental Resources
Location: Mathistad #1-35H
Date: May 30,2009 - July 09,2009
Serial# 90445

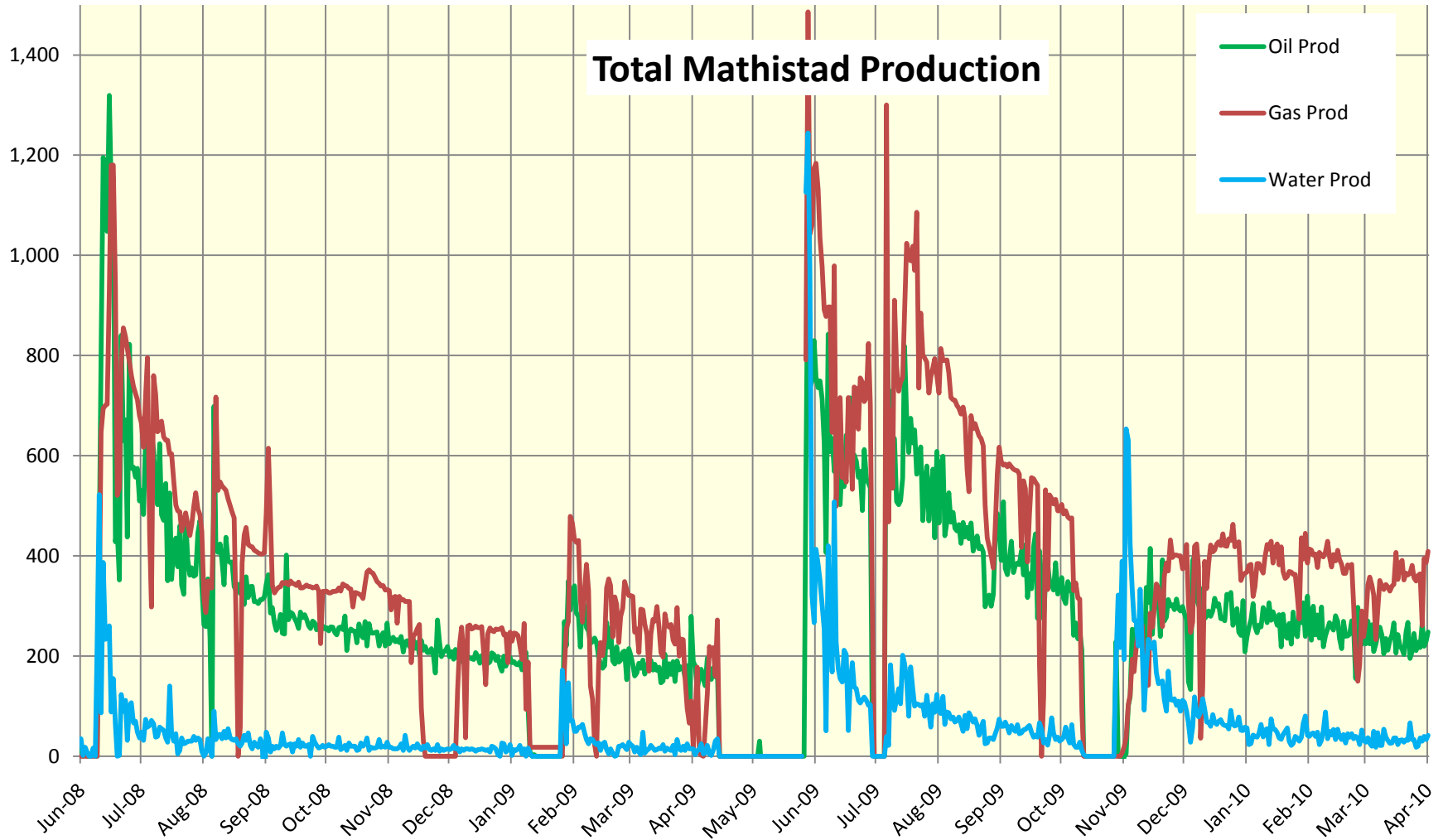
Max. Pressure: 8786.485 Max. Temperature: 264.640



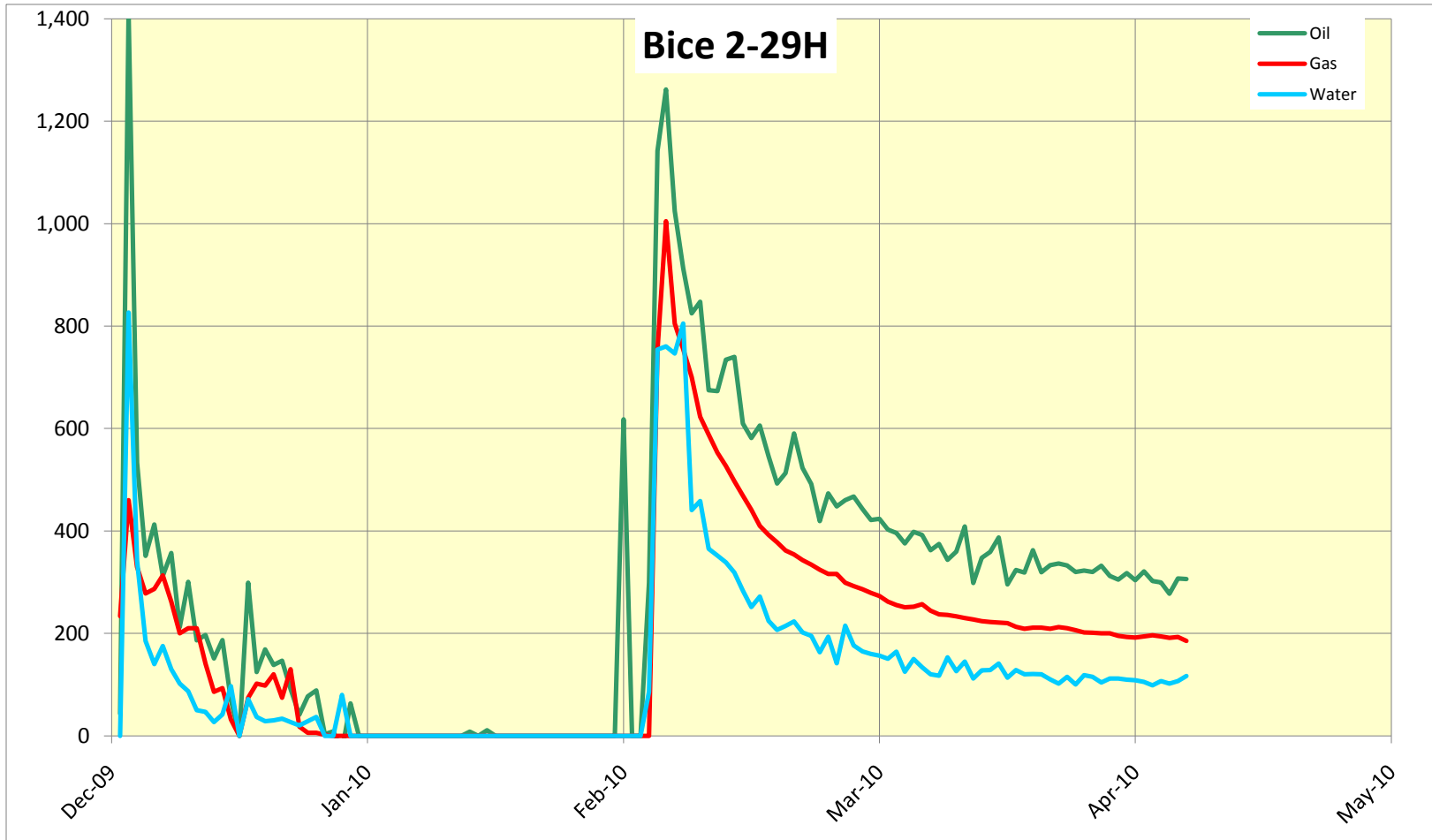
Build Up Data-Mathistad 1 & 2



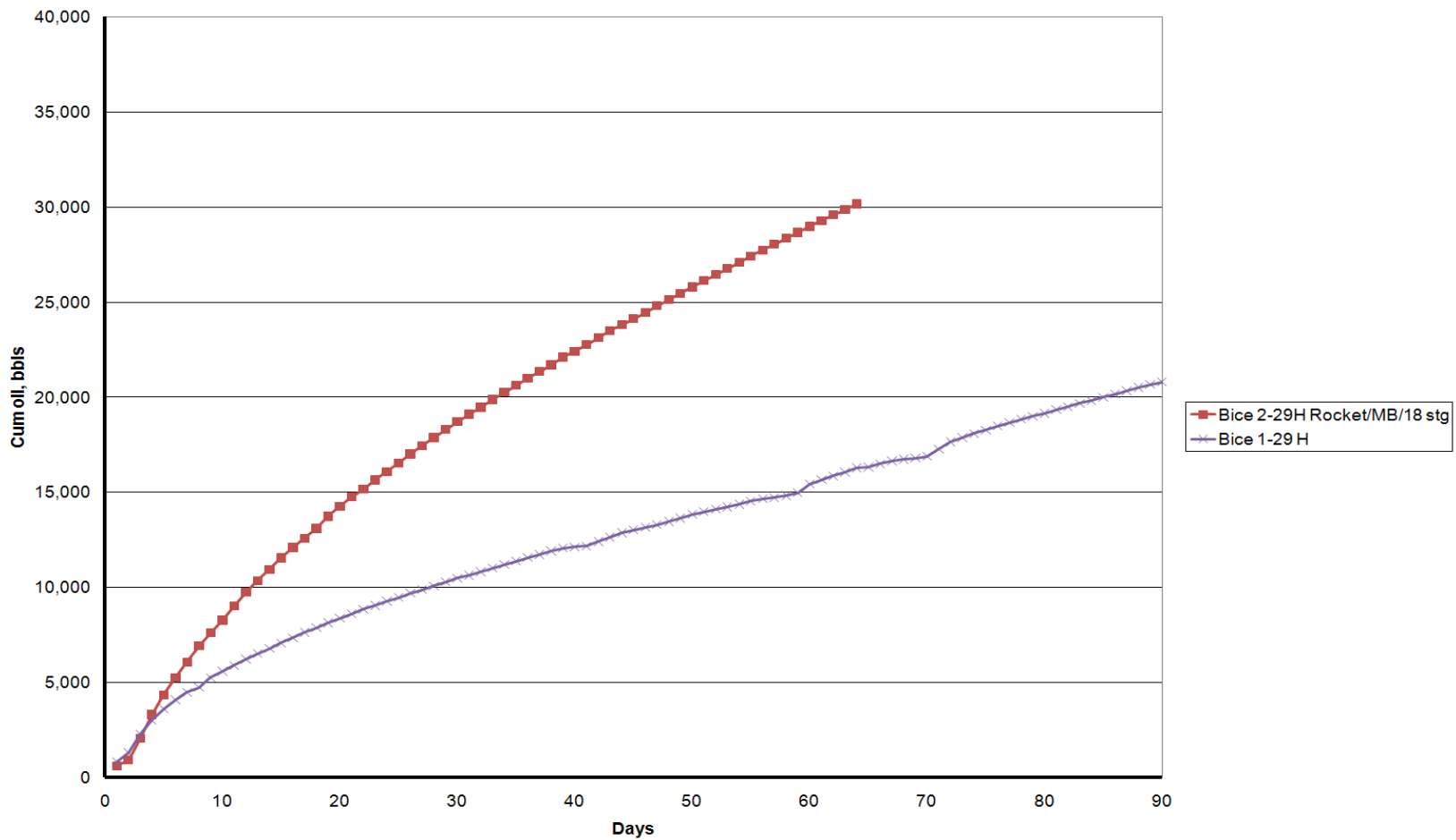
Daily Production—Mathistad 1 & 2



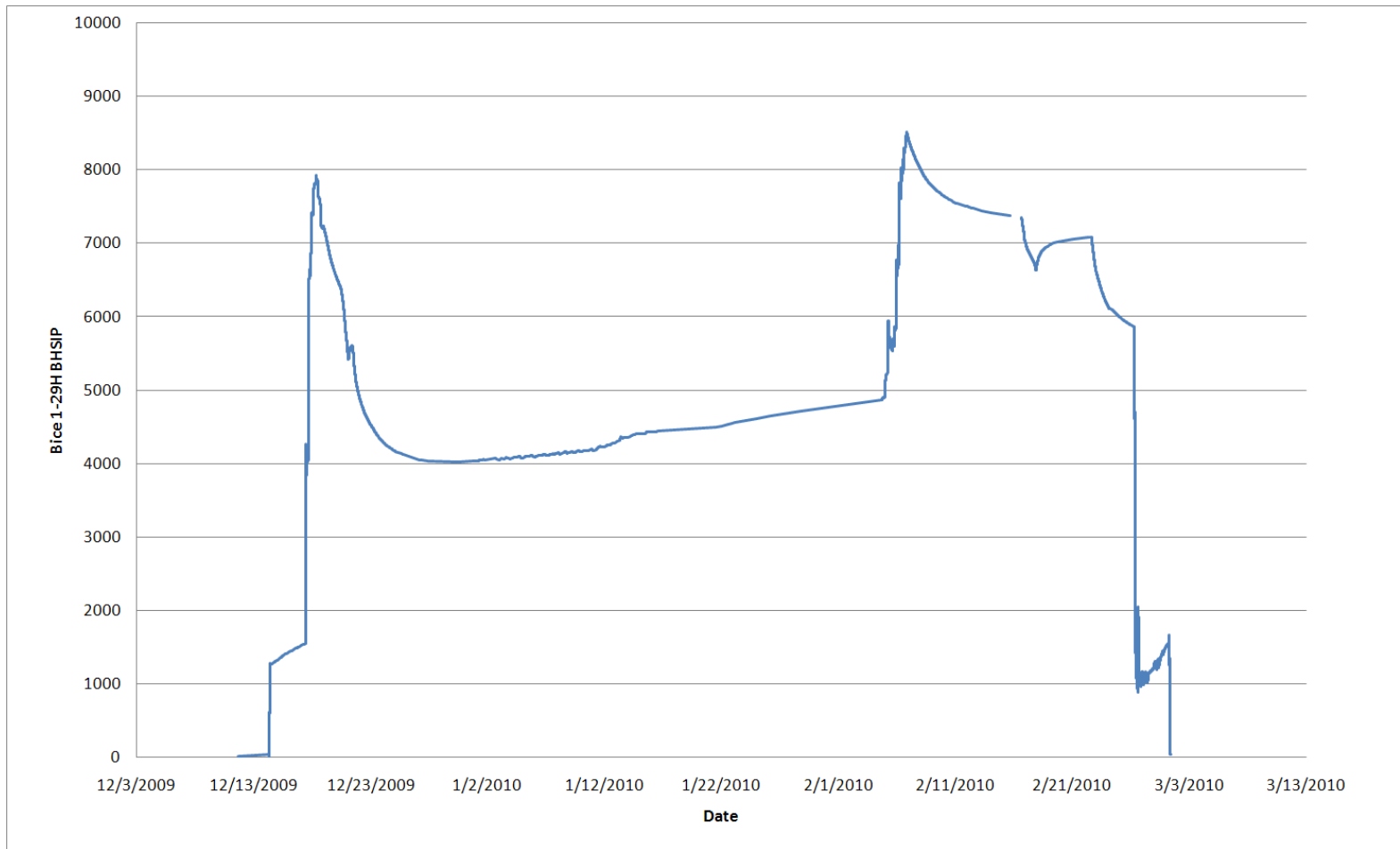
Daily Production-Bice #2



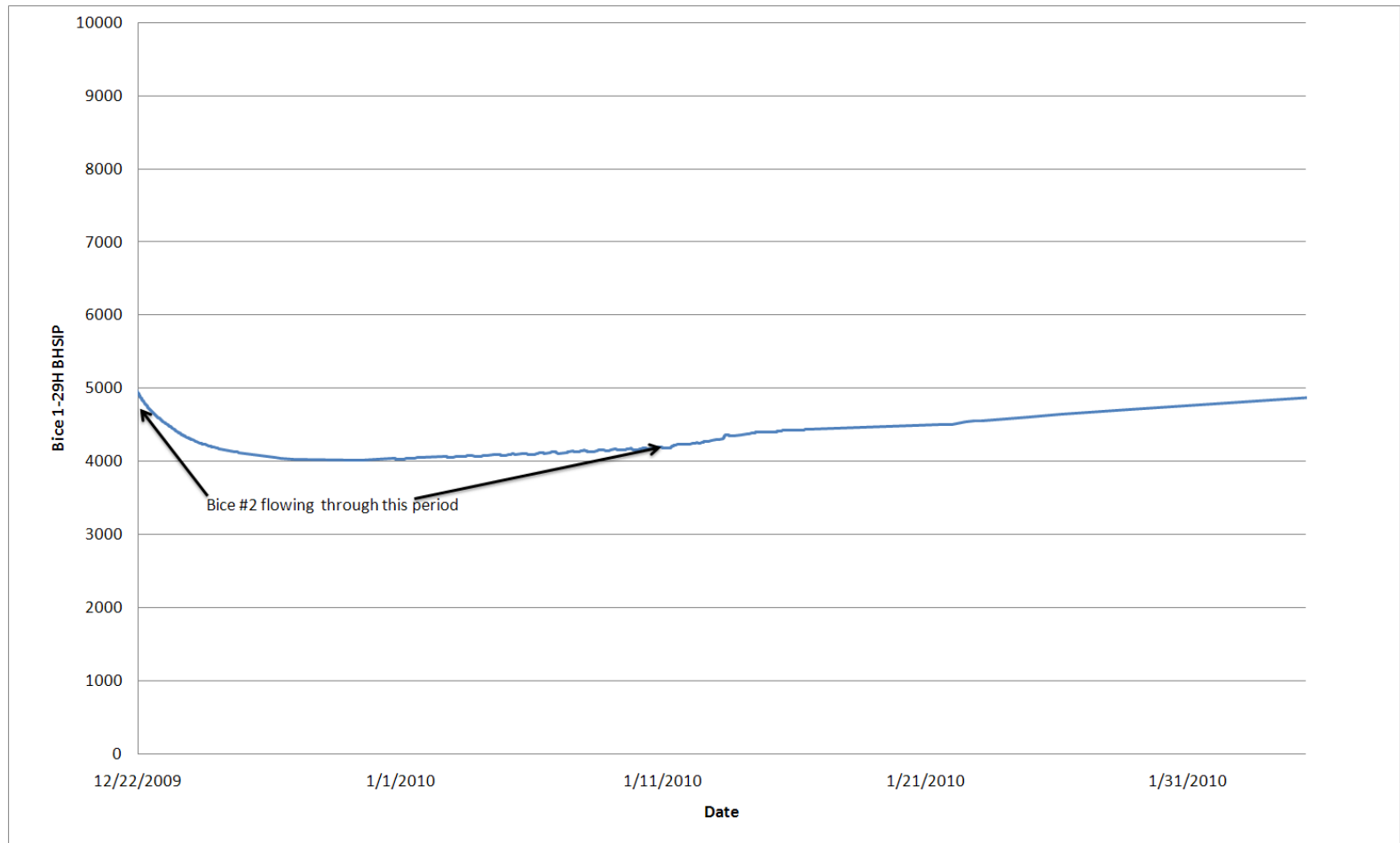
Bice 1 & 2 Normalized Oil



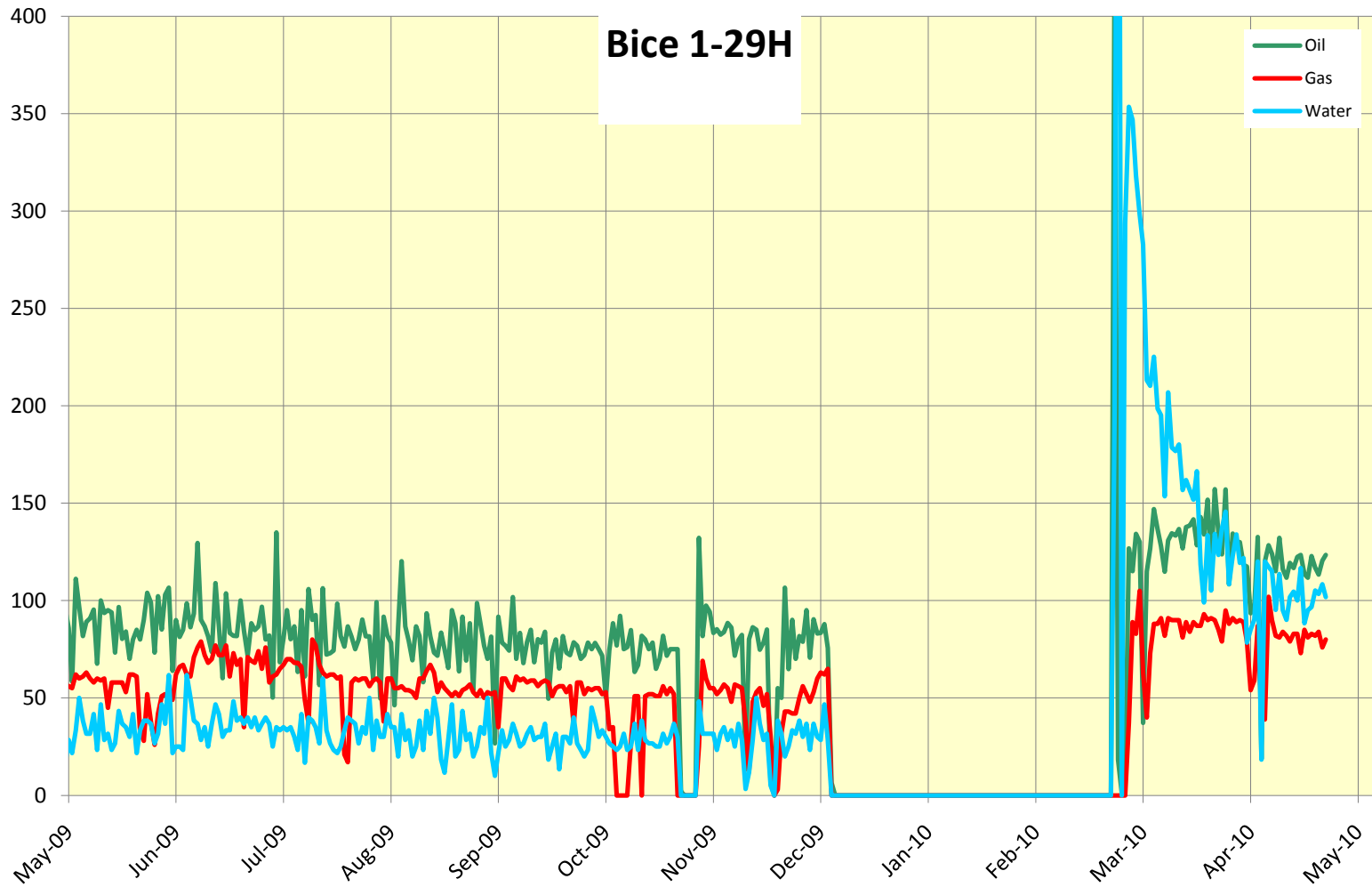
Bice #1 Pressure Response



Bice #1 Pressure Response

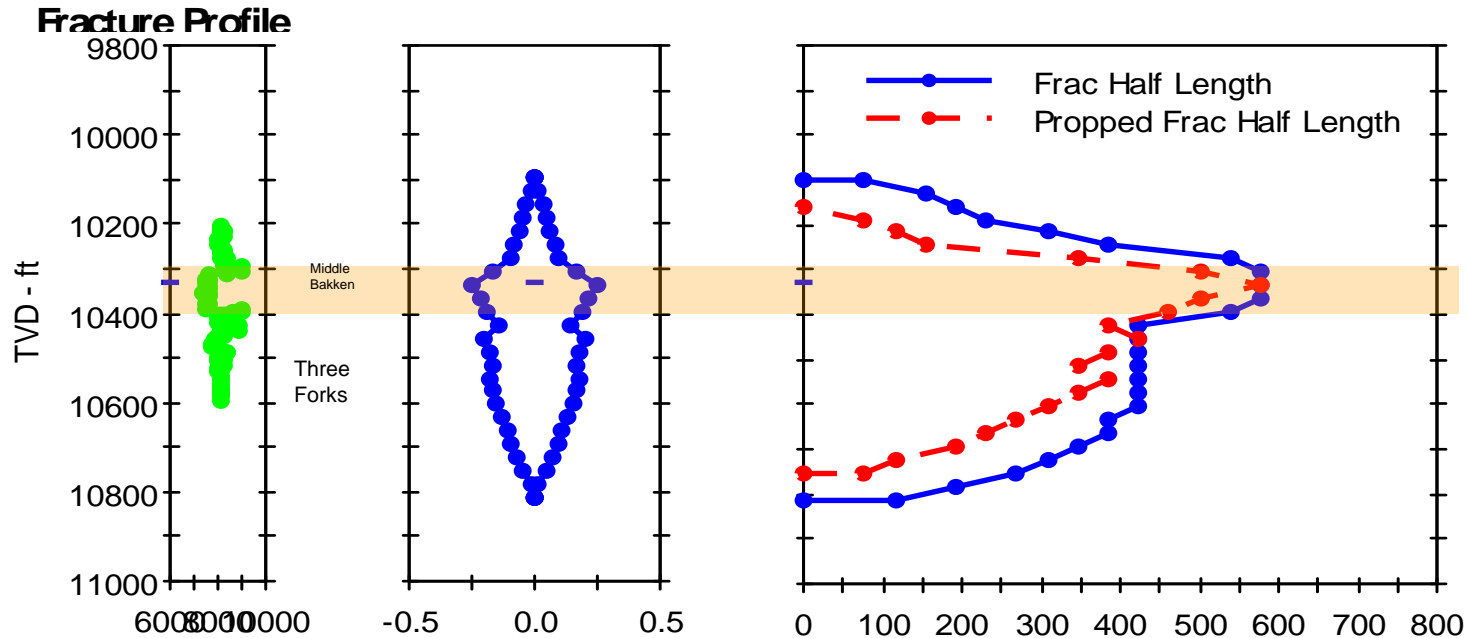


Daily Production-Bice #1



Fracture Profile-End of Job

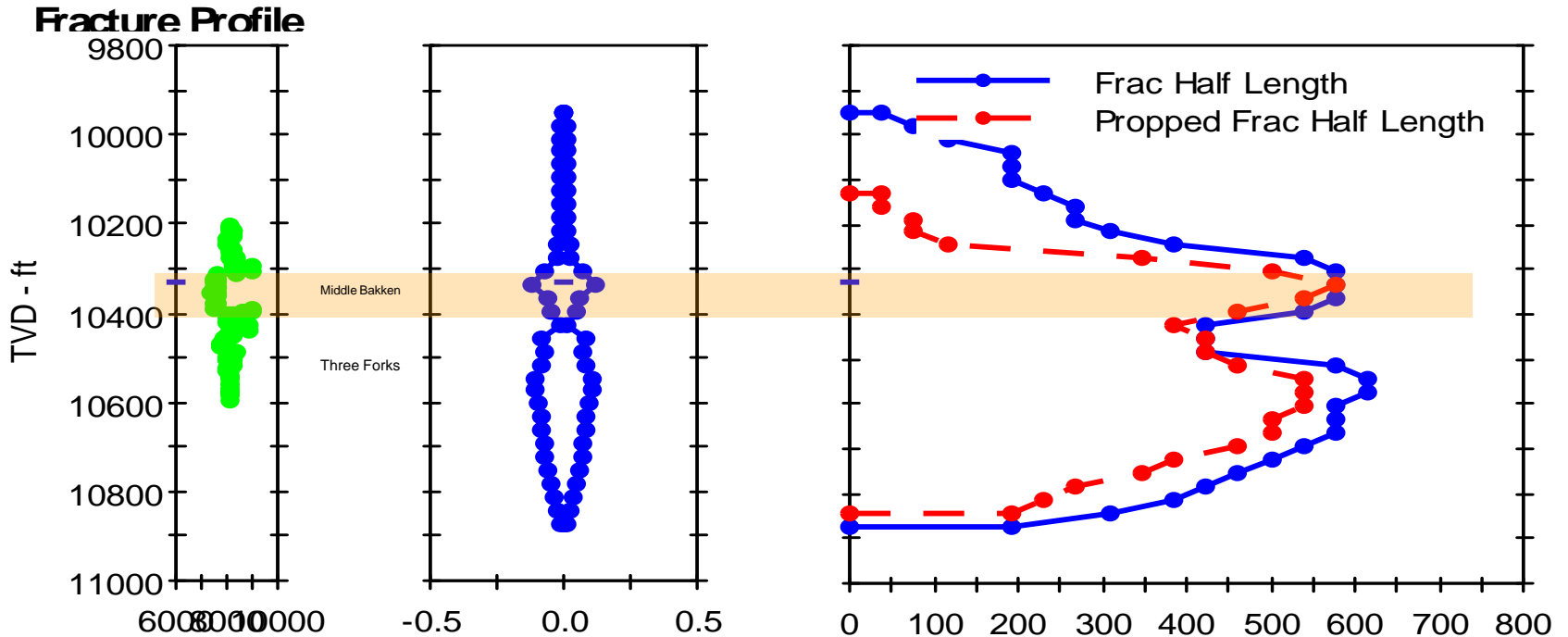
Xlinked Gell Frac Height Profile



Xlinked Gel @ 40 BPM
Max Net pressure = 730 PSI
End of Job

From SPE 124686

Fracture Profile-End of Job



Xlinked Gel @ 40 BPM
After Closure

Conclusion

- 💧 Neither zone can be adequately drained by completion in another zone
- 💧 Limited connectivity will require wells in both zones to adequately harvest the reserves
- 💧 Reserves from MB and TFS are similar in magnitude

Acknowledgements

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Chris Haugen

Continental Resources
Resource Development Group