

The December 2011 issue of Oil IT Journal released an article about EnergyIQ on the subject of leveraging PPDM in a fully integrated solution.

PPDM Association AGM & Member Meeting, Calgary (December 2011)

Speaking at the annual meet of the professional petroleum data management association, PPDM, Bruce Smith, member services manager, investigated the data management requirements of the booming hydraulic fracking business.

The subject of ‘non conventional’ data management also cropped up in another presentation from Bruce Smith on well identification—an extension of the earlier ‘what is a well’ project. In complex wells with long multiple completions and environmentally-sensitive treatments, the unambiguous naming of well bores and laterals has added pertinence. PPDM is working to update the API well numbering standard and bring it into the modern world.

Steve Cooper’s (**EnergyIQ**) presentation went ‘beyond the well,’ with an overview of three projects that extend PPDM’s traditional subject area. One company has leveraged PPDM ‘spatialization’ to support handheld field data capture. These have been tied in to upper level PPDM modules including facility, equipment and HSE incident. Spatial data can be mapped into PPDM’s ‘SP_’ tables, even though many deployments store spatial data in the GIS system. 95% of the required spatial attributes were mapped directly to PPDM 3.8 with the rest added as new tables in what Cooper described as a ‘robust, fully-integrated’ solution.

Other projects studied involved oil and gas meter management and AFE/drilling cost tracking. Cooper concluded that PPDM is a flexible and powerful data model. The ‘Component’ tables provide excellent support for integration projects—allowing complex relations to be made across equipment, sites and support facilities. However, it takes patience and a thorough understanding of the problem to build out the model correctly.