

Data & Software Used in our *Gulf of Mexico Production Performance Analogs*

Foundational U.S. Data & Tools for Technical Studies

Engineering Software

Producing Systems Group – A powerful suite of engineering analysis tools to manage complex fields and maximize production. This easy-to-use Windows®-based software package calculates what-if scenarios on a field-wide or well-by-well basis, and allows you to operate more efficiently. The Producing Systems Group suite of products includes PERFORM™ (for offshore and onshore well/flowline analysis), OilWat/GasWat™ (material balance calculations for oil and gas reservoirs) and PVTLIB™ (for accurate worldwide fluid property correlations). PVTLIB can export results to both PERFORM and OilWat/GasWat. Also, output from PowerTools can be imported into OilWat/GasWat to allow users to audit reserves using different methods (DCA and material balance).

PowerTools® – An economic and reserve analysis software with exceptional functionality, flexible data integration and dynamic processing speed to provide a comprehensive and effective analysis tool. Reservoir engineers use the software for analysis, maximizing production, evaluating properties for acquisition/divestiture, and economic evaluations.

Production & Subsurface Data

Comprehensive Log Solutions – 100% of the wells released by the MMS in the Gulf of Mexico are available through our Log Services. And, all data on wells in the Federal Waters have been passed through the Log Services final validation process. This data reconciliation process includes well location validation to both the IHS well database and the 5010 MMS borehole file.

Production Data – Our comprehensive production database gives you the information you need to calculate potential future production and revenue. The database contains oil, gas and water cumulatives and monthly production volumes for **more than 56,000 GOM entities**, on an individual well and multi-well lease basis. API numbers provide a critical link between well completion records and production data.

Well Data – Our comprehensive well database contains completion histories, current permits and active drilling records. **Each well data record can contain as many as 1,000 data elements** plus narrative comment to give your E&P evaluations significant advantages as you develop analogies between historical well characteristics and potential new opportunities.

Complementary IHS GOM Products

Federal Offshore Lease Guide – A powerful dataset that serves as a mapping tool for the offshore waters of the Gulf of Mexico. The Guide is a strategic tool to identify acquisition opportunities; offshore blocks, lease and field data; transportation/delivery data; exploration and production data; as well as ports and pricing hubs.

Results of MMS lease sale bids are available within 24 hours of the lease sale through this Guide.

Formation Pressure Databases – Standardized, reliable and easy to access digital reference of formation pressures from publicly released offset wells. This database consists of pore pressures measured from wireline pressure logs, fracture pressures interpreted from Leak-Off tests and mud pressures calculated from mud weights. **The July, 2006 release contains 96 new wells with MDT/RFT measurements, 56 of which are in deepwater and are data rich. Several wells contain more than 50 RFT measurements.**

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