

Gulf of Mexico Data Management Workgroup
Meeting Minutes
Thursday November 6, 2008

Attendees:

Chris Schoennagel, MMS
Jeff Harris, MMS
Larry Michel, IHS Energy
Zane Reynolds, IHS Energy
Chuck Pickering, IHS Energy
Alex Carter, IHS Energy
Vickie Coulter, Total E&P
Steve Kennedy, MMS
John Arcana, General Dynamics
Pat Pocock, General Dynamics
Ken Lansen, Shell
Robert Elliot, TGS
Joe Carroll, TGS
Don Kotowych, TGS
Frank Yam, MMS
Zeno Pimentel, Chevron
Jaynell Thomas, Chevron
Gary Meyers, Anadarko
Lee Tilton, MMS
Norman Johnson, Shell
David Jurgens, Energy Graphics
Mark Moran, Energy Graphics
Rob Lease, Lexco
Jody Tassin, Shell
Ann Brown, Shell
Susan Hughes, Petrobras
Fred Jacobs, MMS
Vanessa Pazmino, MMS
Jeff Ferrara, MMS
Mike Joseph, MMS

HWDC Webpage / LDVP Activity / Wellbore Stick Diagrams
Discussion led by Pat Pocock and John Arcana

- The HWDC (Historical Well Data Cleanup) Project ran from 1999-2004; features of the HWDC webpage were displayed
- Results of the HWDC were published monthly as a Common Well Header Master (CWHM) dataset and expressed in an excel spreadsheet. Currently there is not enough documentation to incorporate this into TIMS.
- This webpage will be a replacement for the old historical site
 - <http://www.gomr.mms.gov/homepg/fastfacts/datamanagement/historical.html>

- John Arcana reviewed the latest up-to-date charts regarding HWDC data status - now referred to as LDVP (Legacy Data Verification Project)
- The DPRF (Data Problem Report Form) is the web-based form utilized internally at the MMS for tracking and correcting data.
- External/industry users should email TDMS@mms.gov to report any data problems they discover.
- In 2008, 1500 DPRFs have been completed; this was displayed in a chart
- As the LDVP progresses, the problems become more complex
- The majority of DPRFs are OIMS/LDVP related, closely followed by RE
- RE has had a surge of completions in the past three months
- Discussed new 70's which are currently averaging about 45 per month. This includes multiple wellbores and entire API families
- Displayed a chart illustrating the number of 70's completed by year; **4500** is the current gulf-wide target (50% of these have logs)
- Available data is becoming more scarce as a result of exhausting MMS well documentation
- Any documentation that could be sent along with DPRF requests would be very helpful
- General Dynamics will be very specific on what is needed

Status of NTL for Digital Data Release
Discussion led by Steve Kennedy

- Reviewed "rough draft" of new NTL for online data release
 - <http://www.gomr.mms.gov/homepg/regulate/regs/ntls/2008NTLs/08-g22.pdf>
- The release date for analytical data is 2 years from required submittal date; interpretive data is 10 years from required submittal date.
- Any data less than ten years should be requested through Public Information and use the current process
- Reviewed specific data types and their release dates (2 or 10 years)
- There is a sixty day wait after a lease is expired, relinquished or released to ensure that all appeals are exhausted
- Data submission should be per 12-digit API as stated in the NTL
- Operators can submit well log image data in formats such as CGM, metafile, PDS. Logs images are released to the public in TIF image format.
- All other well data is released to the public in the format submitted.
- Discussed industry using a single standard format for mudlog submission to MMS
- MMS does not have the resources to convert all mudlogs to a single specific format
- Reviewed the new data types added which are available for order (APD, APM, Well Files, etc.)
- Discussed changing the regulations to use data type instead of using the analytical / interpretive status to make decisions regarding data release
- Mudlogs were not required until recently; therefore, a gap in time will exist where mudlogs would be scarce

PIDS (Public Information Data System) Review / Refresher

Discussion led by Lee Tilton

- This system is associated with the Internet Production Section and the Document Imaging Unit
- The online store was launched in 2002 and houses over one million documents
- Atlantic well logs were added to the system and this will increase as new energy initiatives come to fruition
- Atlantic wells are not in TIMS yet (12/2/08 note: a few are now)
- Almost ready to switch to DVD as the preferred media
- Spanning is the process where the system recognizes a DVD is full and automatically begins writing onto another DVD
- Limits include 3500 files per DVD and 3 DVDs per order; 4 gig single layer DVD
- The cost of one DVD is \$20
- Currently researching a way to dispose of many duplicate documents
- Taxonomy and metadata will improve the ease of retrieval of all documents by API number
- EDMS will be Documentum based, and tied into an ERMS
- A new security model built into the new EDMS may allow direct downloads of well information
- Discussed the possibility of a monthly subscription option regarding the store
- Discussed the use of intelligent filenames to facilitate easy retrieval of specific files
- Action Item: Add a new query field for filename (completed prior to the end of meeting)

Status of OEMM / MRM Coordination Efforts

Discussion led by Frank Yam

- Production data is distributed to various agencies such as DOE and BLM
- Records that do not pass edits are temporarily stored in a “staging area” until processed manually
- OEMM uploads OGORS to the web on a bi-weekly basis for public
- Well / FMP information sent weekly to MRM facility measurement point
- Records sent to MRM are the result of approved sundry and completion reports
- Conformation reports are available through the MRM Brio Portal on the internet
- Surface commingling handles production data, OGORS, measurement approvals, etc.
- Oil and gas volumes are verified at each sales metering point
- Regulatory requirements are enforced through meter proving and inspections
- Discussed production data being split among the 00 and 70
- Operator reports under current API; district and MRM do not want to see production data coming from 70s wells

Vendor Issues

Discussion led by Larry Michel

- Discussed what is working and not working; there is fast turnaround time for data problems
- Directional surveys are being added weekly while access databases are being added to eWell categories
- Kickoff point has been added to eWell APD and EOR
- Changes were made to Indicated Hydrocarbon Data; the model had some attributes missing
- Approximately 800 directional surveys go further than TD
- Discussed adding new attributes such as plug back TD, location locks, and data element available flags
- Lease data is updated weekly
- Discussed the situation where one needs to order all logs to get the one they need; the ability to search on Log ID on the Well Log Query Screen was just fixed
- Concern was raised regarding MMS creating a 70 from a directional. Can MMS provide this information somewhere in the Well Data Section
- The Plug Back Depth attribute will not be implemented anytime soon since it is not captured in TIMS
- Discussed the possibility of tracking where files are moved; Pat Pocock does not do this

Operator Issues

Discussion led by Ken Lansen (for Randy Petit)

- Exxon had provided a well stick plot (see illustration in handouts) asking how MMS would handle API assignment for this example - an original hole that was junked (no API assigned) - the bypass hole that was completed and carries an official API (00) - a planned sidetrack (01) out of the original junked well. In this case, MMS would assign API numbers exactly as described on the handout (original hole - 70, bypass hole - 00 and sidetrack - 01) however, it was considered highly unlikely that anyone would attempt to re-enter a previously junked hole to perform sidetrack operations. As such, the more likely scenario would be a sidetrack out of the bypass hole (00) or, from above the bypass hole. In either case, the API numbering would remain the same.
- Shell raised a concern of 180 directional surveys that have only a single point. Pat will look into it; this situation is a result of needing at least one point entered to utilize Geoframe. This is now fixed and the data will be cleaned up

Open Workgroup Discussion

Discussion led by Jeff Harris

- Faye Schubert retired
- Discussed what needs to be included in the Data Management Work Group (collaborate with regulators, vendors, MMS)
- Discussed possible time and location of next meeting; setting the next meeting immediately after the PNEC was not a popular choice among the group