

Data Management Work Group (DMWG)
November 3, 2009
Chevron – Covington, LA
(video teleconference with Chevron –Houston, TX)
Meeting Summary

Tuesday November 3, 2009

Attendees (Workgroup Contacts):

Anadarko

- Gary Meyers (H)

Chevron

- David Adams
- Linda Adams
- Tevya Berry (H)
- Kevin Champagne
- Jaynell Thomas

Energy Graphics

- David Jurgens (H)

Fast Energy Data

- Rich Germano (H)

General Dynamics

- [Pat Pocock](#)

IHS

- Larry Michel

Lexco Data

- Rob Lease
- Ben Waring (Lexco/OCSBBS)

MMS

- [Chris Schoennagel](#)
- Jeff Harris
- Steve Kennedy
- Warren Williamson

Petrobras America

- Susan Hughes (H)

Shell

- [Randy Petit](#)
- Ken Lanson
- Crishelle Hoffman

TGS

- Joe Carroll
- Don Kotowych (H)
- Robert Elliott
- Margaret McKinney

Total

- Vicki Coulter (H)

The workgroup was called to order at 9:05am

Jaynell Thomas (Chevron- Covington) and Tevya Berry (Chevron-Houston) provided logistics, safety briefing and welcome.

1) Legacy Data Verification Project (Nov 3, 2009)

Presentation/Discussion led by Pat Pocock, General Dynamics

- See Pat's attachment

HIGHLIGHT: Over 3,000 70-series API's have now been added

REQUEST: From Larry Michel. What percentage of 70 series wells have directionals?

(Action - Pocock): Initial estimate at the meeting was 80%.

REQUEST: From David Jurgens. Add an insert date to the index on the Public Side (vs just having the received date).

(Action - Pocock): Preliminary review indicated that there's more work required than simply adding an additional date (given that historically, both fields were not always populated).

2) Lexco requesting additional data elements in MMS Pipeline data releases.

Presentation/Discussion led by Rob Lease, Lexco

- See Rob's attachment

REQUEST: From Rob Lease. (See proposal attachment). Pipeline connection points are not well defined, and it would be valuable to know direction of flow.

(Action: Williamson/Lease)

Discussion was moved ahead in the agenda so that Warren Williams (MMS-FO) could contribute before returning to the office.

- Can the originating complex ID to destination be hard coded (including a bi-directional flag)? Warren indicated that several of these items might be able to be released in the Pipeline Master dump, but that not all of this information is populated.

- See Warren's attachment

- Clarifications of "proposed platforms/pipelines" - when do they become "Active"? Warren Williamson responded that this changes when "As-Built" diagrams and coordinates are submitted by the lease operators. Complex ID was added 6 or 7 years ago and is now being populated (not all fields have been actively populated/maintained).

NOTE: Since Nov 4, 2009 meeting - 9 additional columns have been appended to the Borehole file 5010 download. Complex ID (starting in column 214) and Structure Number (starting in column 221).

<http://www.gomr.mms.gov/homepg/pubinfo/freeasci/well/boreholedatadfn.html>

- Additional discussion regarding funding for this effort (could the General Dynamics contract handle this – what metrics would be needed)?

3) Nuclear Magnetic Resonance Logs (NMR) and Digital Well Log Contract

Discussion led by Steve Kennedy - MMS

NMR logs

- Randy Petit: Is NMR being added as a deliverable in the well log contract?

Steve Kennedy clarified that we are already receiving NMR images. Once revisions to NTL 2006 G-16 are approved – and it is re-issued as 2010-G02, operators will be required to submit NMR logs as LAS, LIS or DLIS (which will be converted by TGS and available for a fee – as with other digital log data).

Digital Well Log Contract

NOTE: Since Nov 4, 2009 meeting - TGS contract has been announced.

4) NTL's for Re-issue

Discussion led by Chris Schoennagel – MMS

- NTL 2006 G-18 (is also being re-issued (waiting on approvals). G-18 is titled “Wells (holes-in-the-ground) Without Assigned MMS API Numbers”

NOTE: Re-issued February 2010 as NTL 2010-G03

- For legacy wells with incomplete directional surveys, the LDVP team has begun requesting selected directional survey documentation from prior operators (primarily missing intervals – or specific wellbores).

- In response to a question from Larry Michel -- zone changes are captured in the production interval code (e.g. S01, S02, S03). Pre eWell they were sometimes captured with letter suffixes (e.g. A, B, C).

5) Operator Items

Discussion led by Randy Petit – Shell

Randy Petit – To solicit additional operator items, followed by

Gary Meyers - Directional survey group update, and

Jaynell Thomas – Chevron “no logs” request.

Randy Petit: His wellname suffix review/corrections are done (only 1 wellbore family left – 6080740090).

```
select substr(api_well_number,1,10), well_name||well_name_suffix,  
count(well_name||well_name_suffix) from mms_borehole  
group by substr(api_well_number,1,10), well_name||well_name_suffix  
having count(well_name||well_name_suffix) > 1
```

REQUEST: From Workgroup. A 5010 format file for the Atlantic.

(Action- Schoennagel) - Chris Schoennagel indicated that the Atlantic data is managed by the Gulf. Information is online (although not in 5010 format). Atlantic files are also part of the online ordering system. *Additional request to forward those links to Ben Waring.*

Randy Petit - OOSA Technical meeting update: They are planning a redesign. OOSA adopting MMS's API numbers.

REQUEST: From Workgroup. Schedule meeting to reconsider MMS access to that data. (Action – Randy Petit). Randy has offered to initiate contact with Steve Decka. Also consider applications such as GOM Cube, PC_OOSA, EG which incorporate OOSA data.

Gary Meyers: Onshore Directional Survey group update.

One virtual meeting so far.

- looked at formats (including MMS/UKOAA P7 and WITSML) and survey vendors.
- looked down the road at future technologies
- Not sure where others are at.
- Looking at format and delivery and letter of recommendation.

REQUEST: From Jeff Harris. Regarding WITSML - contact Energistics (Alan Doniger). (Action – Meyers/Harris). Gary has been in recent contact with Gary Masters of Energistics regarding versions and additional fields, as well as Jeff with Alan Doniger regarding past Regulatory SIG attempts with onshore states (e.g. Colorado).

Jaynell Thomas: Chevron “no logs”

REQUEST: From Jaynell Thomas. Indicate in the index which wells have “no logs run”. (Action – Kennedy/Pocock). MMS has captured that indication of “no logs run” in the last 5 or 6 years (via eWell system). Currently incorporated in a “per API12 basis” into Online Ordering System (e.g. Group - Well Logs Only and API - 608174116100) outputs “No logs were run for the following APIs: 608174116100”.

Randy – several smaller issues

REQUEST from Randy Petit: Add to Online Query screens (RefElev, Bottomhole Loc). (Action - Schoennagel). RefElev is closely aligned with borehole, so please add to lookup instead of having to download 5010 to get it.

REQUEST from Randy Petit: Keeping more metadata with coordinates. (Action - Schoennagel) - Retain with the values what coordinate system they were submitted in. (e.g. Surface locations are reported in NAD83, however 5010 file is exported in NAD27).

REQUEST from Workgroup: Adding “anticipated” release date and “actual” release date (Action – Schoennagel) – Including “null” if not released.

REQUEST from Ben Waring. Historically the PI Data System was published from scans, but eWell now creates separate collection of paperless files. Should still be able to order it all on one CD, from one place.
(Action – Harris)

6) Vendor Items

Discussion led by Larry Michel – IHS Energy

REQUEST from Workgroup: Asked for an update on prior requests – and copy of the file presented).

(Action – Jeff Harris).

REQUEST from Workgroup: Asked for the return of IHL (Indicated Hydrocarbon List).

(Action – Eric Hawkins/TDMS).

REQUEST from Larry Michel: October Paleo missing from previous month (smaller).

(Action – Chris Schoennagel). Completed. Problem with Paleo query was fixed.

REQUEST from Shell/IHS/EG: Date Stamps for Directional survey points.

(Action – Pat Pocock). What gets changed from a point level? Larry

7) Open Workgroup Discussion / Review of Action Items

Very limited discussion. Primarily administrative.

- Please add Statoil contacts to the GOM Workgroup mailing list.
- Advance notice of when data is appended to the 5010.

8) Next Meeting/Closing Remarks

Brief discussion led by Chris Schoennagel – MMS

Spring 2010 (IHS - Houston, TX)

- Susan Hughes – Petrobras offered to assist or host as needed. Telecon optional.

Fall 2010 (_____ - New Orleans, LA)

- Plans for hosting to be based on another video telecon (New Orleans/Houston)

Thanks to Jaynell Thomas (Chevron- Covington) and Tevya Berry (Chevron-Houston) for hosting and providing the workgroup with its first opportunity for video teleconferencing between metro Houston and metro New Orleans participants.