

From: Mouton, David E

Sent: Tue Mar 02 19:11:09 2010

To: Skelton, Jake

Cc: Frank, Gustavo E; Perez, Robert E; Ware, Charles C; Hart, Sofiri B; Vo, Nghia T.; Walz, Gregory S; Mushovic, Todd ; Coy, Alejandro; Odenthal, Robert S; Eicks, Theodore (Ted); Halvorson Dory, Kathleen; Connolly, Maria E; Heironimus, Mark B (LEWCO INTEGRATED TECH SYSTEMS); Walz, Gregory S; Ramirez, Juan

Subject: DWOP Review Clarifications

Importance: Normal

Attachments: DWOP Review Issues.doc; DWOP_wellcontrol comparison2.xls

Jake,

Gregg Walz's Engineering Team has been reviewing sections of the new DWOP on a weekly basis and have been compiling a list of issues that we had questions on. Gregg has asked that we forward these on to you for further clarification.

Attached is the list as well as a spreadsheet we used to help review/compare the Well Control sections of the new/old DWOP. The comments on that section have been added to that spreadsheet as well.

We can set aside a weekly slot (Mondays 1- 2 PM) if you would like to come by and help us out on these questions.

Thanks,

Dave Mouton

Sr. Drilling Engineer

NaKika Phase III

281-366-7303 (bp office)

281-883-6347 (cell)

Knowledge Speaks, but Wisdom Listens

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From: Ramirez, Juan

Sent: Tuesday, March 02, 2010 8:42 AM

To: Mouton, David E

Subject: RE: DWOP.doc

Dave, I've included my comments into the document. See attached.

- Juan

From: Mouton, David E

Sent: Tuesday, March 02, 2010 6:46 AM

To: Ramirez, Juan

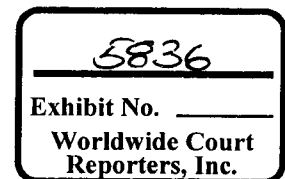
Subject: FW: DWOP.doc

Juan,

Please add your comments to this list and I'll put them in the spreadsheet.

Thanks,

Dave Mouton



Sr. Drilling Engineer
NaKika Phase III
281-366-7303 (bp office)
281-883-6347 (cell)
Knowledge Speaks, but Wisdom Listens

From: Walz, Gregory S

Sent: Monday, March 01, 2010 5:52 PM

To: Mouton, David E

Subject: DWOP.doc

<< File: DWOP.doc >>

Here are all the comments I've captured during our past DWOP sessions. Please add today's comments and forward this on to Jake so that he can help us get answers to our questions.

Gregg

2/1/10 DWOP Review: HSSE & Risk Management

3.3.6 - *"Third party equipment on hire at the Wellsite for a period in excess of 3-months shall be subjected to a formal system of maintenance management."* Does this apply to rental drill pipe?

2/7/10 DWOP Review: Wellsite Equipment / Drilling and Completions Practice

7.3 - Clarify definitions for "hard band" and "hard facing".

7.4 - Clarify the relationship to the new "IAS-03" and the "GoM SPU Rental Drilling and Completion Equipment Operating Practice" documents.

8.11 - Need to clarify the expectations of what *"established contingency plan"* means.

14.7 - *"Where operational problems occur, any modifications to the programme shall be shown to fulfill the same requirements as the original design, or a Management of Change process undertaken to revise the original requirements?"* - What size change triggers a MoC?

2/15/10 DWOP Review: Well Control (Gregg's Notes)

15.1.2 - Is the current "test out" option still available?

15.1.4 - What are the Well Control Response Guide rollout plans for the DC&I Engineers and Well Site Leaders?

15.1.11 - Clarify the terms *"Balanced drilling"* and *"Conventional"*.

15.1.12 - Clarify the terms *"Balanced drilling"* and *"Conventional"*.

15.1.13 - Is the 500' requirement "reset", when you get rates at a "tour change"?

15.2.3 - Currently many well designs can not meet the *"gas column to surface"* or the *"reservoir fluid column to surface"* criteria?

15.2.20 - What defines a *"stable fluid column"*, how do we handle "ballooning"?

3/01/10 DWOP Review: Well Control (Juan's Notes)

15.3.1: Clarify what "systematic" means.

15.3.2: Clarify what "an independent recordable means of monitoring" refers to.

15.3.4: Will we need additional guidance as far as PM performance?

15.3.5: What is the standard practice of Enterprise and PDQ for BOP rubbers? Are they H₂S compliant?

15.3.10: We need clarification on "shown to be adequate."

15.3.11: We need clarification on what we need to do to show.

15.3.12: This is more a surface type scenario and not for deepwater/offshore ops.

15.3.38: What does "significant length" constitute?

15.3.43: We need to understand what the well control manual calls for on this.

15.3.54: How does this work for existing Pompano ops?

15.3.60: What well control items do we need to be aware of?

15.3.64: What inspection/assessment is needed for "fit for purpose"?

15.3.69: Do we need to do a risk assessment for compliance if our rig doesn't have one?

15.7.1: What is intent?

15.8.1: Is the document GP10-45 consistent with Section 24.1 "Working with Pressure?"

15.8.3: Review API RP53 and BP well control.