



Theta Enterprises, Inc. NEWSLETTER

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Published by:

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New CBALANCE 3.0 Now Available:

A new version of CBALANCE has been released (see Figure 1). This new version has an improved interface, the ability to save files in XML format, and the ability to change the existing counterweights to any of the recommended options for balancing the unit.

Those familiar with our Seven Step Optimization process (used to be called the five-step optimization process) know that Step 7 is to update the CBALANCE file with the new Counterweight positions calculated in Step 6.

Up to now, this was done by manually entering the new counterweight positions back into CBALANCE. The new version automates this task by allowing you to move the existing counterweights to any of the recommended balanced

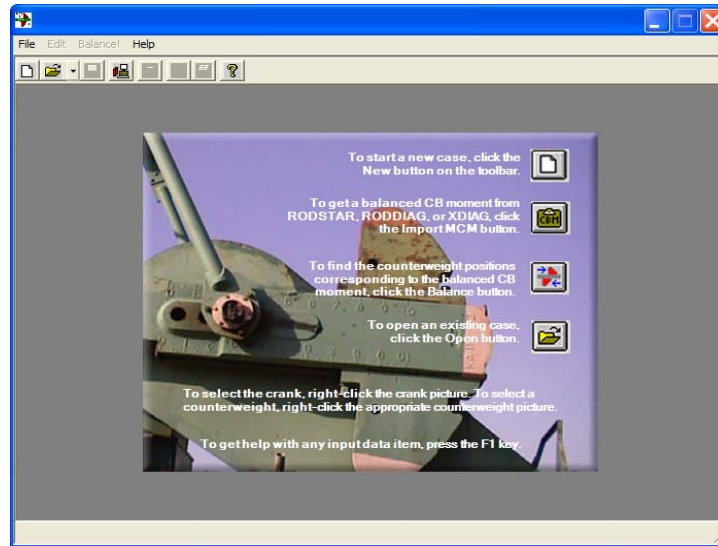


Figure 1. The new CBALANCE Intro Window

combinations by simply clicking on the desired balanced column header. As Figure 2 shows, after you select one of the recommended balanced counterweigh configurations, the

you select (Conventional or Mark II).

Customers with paid technical support can download this new version from our web site. If you are a CBALANCE user and you would like

to download the new version of CBALANCE, please contact Rudy Nesmith at rudy@gotheta.com.

If your technical support for CBALANCE has expired, back technical support has to be paid plus there is a US\$350.00 upgrade charge for the

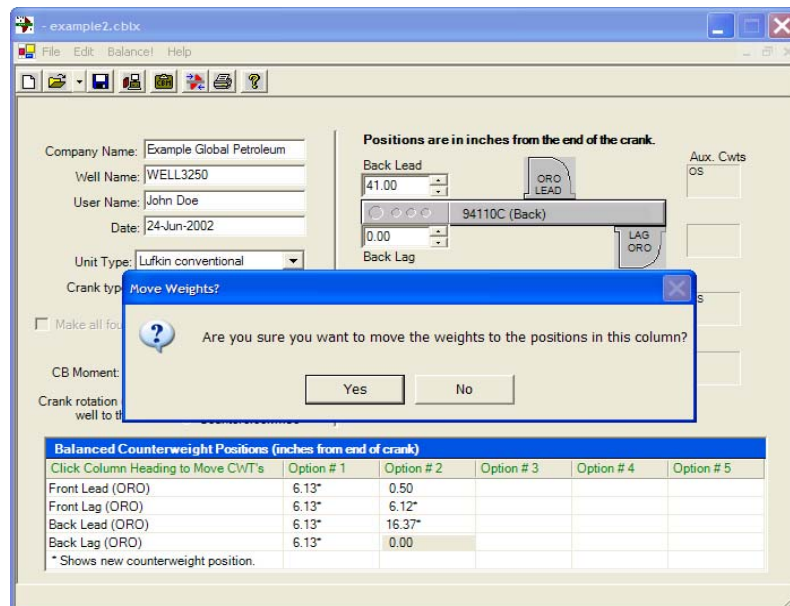


Figure 2. The new CBALANCE option to move the existing CWTS to one of the balanced recommendations

new version.

Customers who have maintained their technical support can download this new version for free.

New Version of XDIAG to be released soon

The new version of XDIAG has been tested extensively and is now very close to being released. The new XDIAG will have many new improvements as discussed in prior newsletters.

Deviated version of RODSTAR translated into VB.NET

To maintain a uniform look and feel for all our new software, the new RODSTAR deviated version is being translated into the latest VB.Net development language. As soon as this translation is completed, we will continue testing of the software. So far, the calculations have been verified with a number of cases. In order to further test the program, we would like to ask for your help by providing us with measured dynamometer cards along with deviation surveys and other well data to allow us to confirm the program's results.

Theta Enterprises, Inc. Hires Chris Norris

I am pleased to announce that we have hired Mr. Chris Norris to work for Theta Enterprises, Inc. in Kingwood Texas.

Chris Norris graduated from the University of Cincinnati in 1977 with a B.S. in Mechanical Engineering. But instead of building cars like a normal engineer from Ohio, he joined Shell Oil Company and retrained as a production engineer. He spent 14 years in various onshore U.S. assignments in Michigan,

Montana, West Texas, and California. He spent the next 11 years in the Middle East doing lead technical work on Petroleum Development Oman's extensive Rod Pumping, Progressive Cavity Pump and ESP operations.

Chris was Shell's representative on API Committee 11 before moving to the Middle East. He is a 25 year active SPE member, and a former JPT technical review editor.

I have known Chris since he was with Shell and have a great respect for his engineering abilities. His contributions to Theta Enterprises will become obvious soon. Chris is working on development and testing of the new Deviated RODSTAR, a new Utilities program for belt and sheave sizing, gas anchor design, tubing anchor calculations, and more. He is also designing and helping us develop a failure tracking database application.

Upcoming Rod Pumping Optimization Schools for first half of 2004:

Midland, TX: September 13-17
Midland, TX: November 17-19
Calgary, AB: May 3-7
Calgary, AB: September 27-Oct. 1
Houston, TX: December 6-10

For more information, or for the complete 2004 schedule of courses, or to enroll please visit our web site at

<http://www.gotheta.com>

CBALANCE for Windows (SN#20510)

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Tel: (714) 526-8878

Company: Example Global Petroleum
Well Name: WELL3250
User Name: John Doe

Disk file: example3.cblx
Date: 06/24/2002

Pumping unit: Lufkin conventional
Crank type: 94110C
Crank rotation: Counterclockwise

Maximum CB moment (M in-lbs)	
Existing:	1404.9
Balanced:	1600.0

EXISTING COUNTERWEIGHT POSITIONS (inches from end of crank):

	Master Weight	Auxiliary Weights	Existing Position
Front Lead	ORO	OS	0.50
Front Lag	ORO		30.75
Back Lead	ORO	OS	41.00
Back Lag	ORO		0.00

BALANCED COUNTERWEIGHT POSITIONS (inches from end of crank):

	Option 1	Option 2	Option 3	Option 4	Option 5
Front Lead (ORO):	6.13*	0.50			
Front Lag (ORO):	6.13*	6.12*			
Back Lead (ORO):	6.13*	16.37*			
Back Lag (ORO):	6.13*	0.00			

*: shows new counterweight position

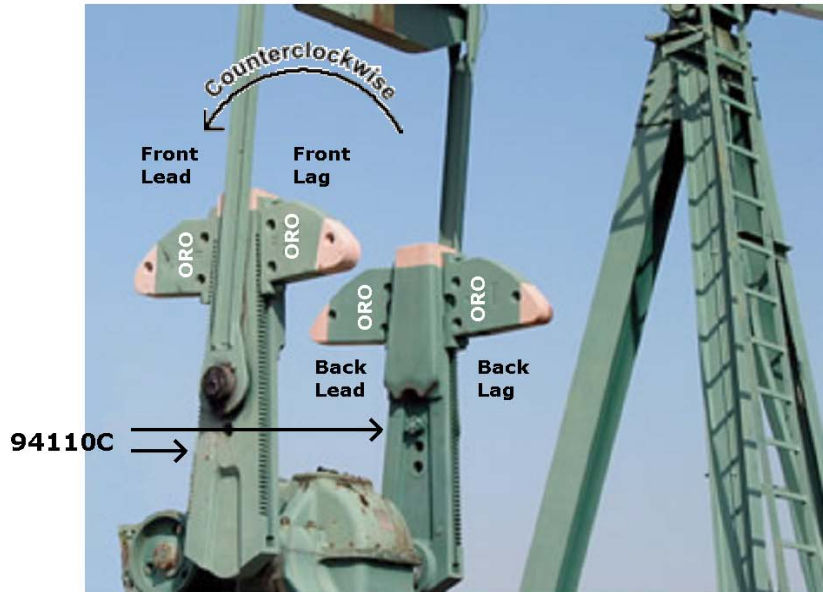


Figure 3. The new CBALANCE output report.