

Commodities 1 August 2017

Edward Bell

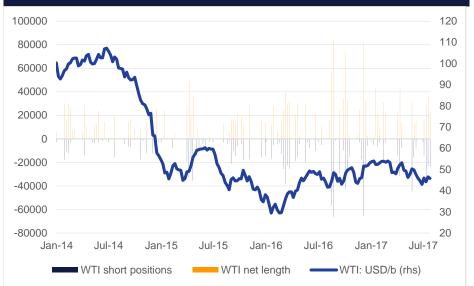
Commodity Analyst +971 4 230 7701 edwardpb@emiratesnbd.com

www.emiratesnbdresearch.com

Crude oil update

Since hitting their 2017 low in mid-June oil prices have shown signs of rallying sustainably. A steady decline in US inventories—including some large weekly draws—along with constructive commentary from OPEC and its partners about extending their production cuts further into 2018 have helped to reinforce prices at current levels.

Investors appear to have bought into the rally: speculative net length in Brent futures and options has expanded by over 88k contracts since the start of July and by an even larger level in WTI. However, the increased length has come through liquidation of shorts rather than significant new long positions. Part of the rally will be down to this short-covering as investors may be more comfortable that oil prices have found a new floor.



Investors aren't showing much faith for more upside

Measures of put (downside risk) premiums taken from options volatility show a steady discounting of the downside risk for oil markets. Puts have become steadily less expensive relative to calls since the end of May as the market discounts how much further 1 month futures could move. We noted a similar move in the 25-delta risk reversal in February but correctly pointed out that put premiums would widen as fundamentals reasserted themselves. At this point fundamentals have had another six months to run and while we don't expect an imminent crash, it's hard to argue for much more topside.



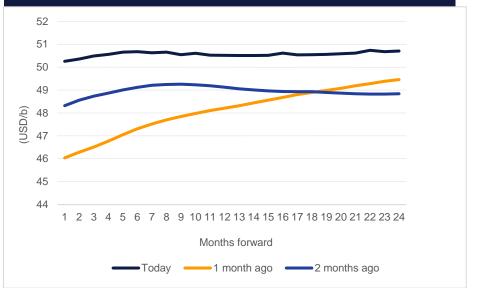
Put premium narrowing as market discounts downside

Source: Bloomberg, Emirates NBD Research. Note: market pricing.

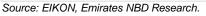
Source: EIKON, Emirates NBD Research.



 The oil forward curve—for WTI in particular—has flattened considerably over the last few weeks. The whole WTI curve for the next 24 months is at roughly USD 50/b, a level which should encourage some hedging activity by US producers. Hedging largely looked to have fallen off in Q1 2017 but we have seen a recent resumption of new short positions taken by the producer/merchant category in CFTC data. The expectation of persistent US supply growth—volume notwithstanding—will act as a topside limit in the near term.







- OPEC compliance with its production cut deal is waning. Estimates of July
 production show aggregate compliance of 84%, its lowest level all year and
 again largely down to over-cutting by Saudi Arabia and Angola. Already
 Ecuador has said it will abandon production restraint to support its economy
 and we expect to see compliance decrease further, particularly if oil prices
 hold close to current levels.
- Inventories in the US have drawn substantially since hitting a peak in early April this year but at over 480m bbl are still at enormous levels. The draw has also followed seasonal patterns and means we can't rule out a build in stocks later on this year. A potential disruption of supplies from Venezuela could have a short-term impact on US inventories if imports from the country are blocked. The size of the change in inventories matters less rather than the general trend and several weeks of modest builds may undermine confidence in the market.

We cut our oil price forecasts for the remainder of 2017 and into 2018 a few weeks ago and are holding to the view that any market deficit will be relatively short-lived and potentially quite shallow. We expect Brent to average USD 50.25/b for the rest of 2017 and USD 51/b in 2018 and WTI to average USD 47.50/b for the rest of 2017 and USD 48.50/b in 2018.



Disclaimer

PLEASE READ THE FOLLOWING TERMS AND CONDITIONS OF ACCESS FOR THE PUBLICATION BEFORE THE USE THEREOF. By continuing to access and use the publication, you signify you accept these terms and conditions. Emirates NBD reserves the right to amend, remove, or add to the publication and Disclaimer at any time. Such modifications shall be effective immediately. Accordingly, please continue to review this Disclaimer whenever accessing, or using the publication. Your access of, and use of the publication, after modifications to the Disclaimer will constitute your acceptance of the terms and conditions of use of the publication, as modified. If, at any time, you do not wish to accept the content of this Disclaimer, you may not access, or use the publication. Any terms and conditions proposed by you which are in addition to or which conflict with this Disclaimer are expressly rejected by Emirates NBD and shall be of no force or effect. Information contained herein is believed by Emirates NBD to be accurate and true but Emirates NBD expresses no representation or warranty of such accuracy and accepts no responsibility whatsoever for any loss or damage caused by any act or omission taken as a result of the information contained in the publication. The publication is provided for informational uses only and is not intended for trading purposes. Charts, graphs and related data/information provided herein are intended to serve for illustrative purposes. The data/information contained in the publication is prepared as of a particular date and time and will not reflect subsequent changes in the market or changes in any other factors relevant to their determination. The publication may include data/information contained in the publication provided thereto by or obtained from unaffiliated third parties. Moreover, the provision of certain data/information in the publication may be subject to the terms and conditions of other agreements to which Emirates NBD is a party.

None of the content in the publication constitutes a solicitation, offer or recommendation by Emirates NBD to buy or sell any security, or represents the provision by Emirates NBD of investment advice or services regarding the profitability or suitability of any security or investment. Moreover, the content of the publication should not be considered legal, tax, accounting advice. The publication is not intended for use by, or distribution to, any person or entity in any jurisdiction or country where such use or distribution would be contrary to law or regulation. Accordingly, anything to the contrary herein set forth notwithstanding, Emirates NBD, its suppliers, agents, directors, officers, employees, representatives, successors, assigns, affiliates or subsidiaries shall not, directly or indirectly, be liable, in any way, to you or any other person for any: (a) inaccuracies or errors in or omissions from the publication including, but not limited to, quotes and financial data; (b) loss or damage arising from the use of the publication, including, but not limited to any investment decision occasioned thereby. (c) UNDER NO CIRCUMSTANCES, INCLUDING BUT NOT LIMITED TO NEGLIGENCE, SHALL EMIRATES NBD, ITS SUPPLIERS, AGENTS, DIRECTORS, OFFICERS, EMPLOYEES, REPRESENTATIVES, SUCCESSORS, ASSIGNS, AFFILIATES OR SUBSIDIARIES BE LIABLE TO YOU FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, PUNITIVE, OR EXEMPLARY DAMAGES EVEN IF EMIRATES NBD HAS BEEN ADVISED SPECIFICALLY OF THE POSSIBILITY OF SUCH DAMAGES, ARISING FROM THE USE OF THE PUBLICATION, INCLUDING BUT NOT LIMITED TO, LOSS OF REVENUE, OPPORTUNITY, OR ANTICIPATED PROFITS OR LOST BUSINESS. The information contained in the publication does not purport to contain all matters relevant to any particular investment or financial instrument and all statements as to future matters are not guaranteed to be accurate. Anyone proposing to rely on or use the information contained in the publication. Further, references to any financial instrument or investment product is not inten

Emirates NBD and its group entities (together and separately, "Emirates NBD") does and may at any time solicit or provide commercial banking, investment banking, credit, advisory or other services to the companies covered in its reports. As a result, recipients of this report should be aware that any or all of the foregoing services may at times give rise to a conflict of interest that could affect the objectivity of this report.

The securities covered by this report may not be suitable for all types of investors. The report does not take into account the investment objectives, financial situations and specific needs of recipients.

Data included in the publication may rely on models that do not reflect or take into account all potentially significant factors such as market risk, liquidity risk and credit risk. Emirates NBD may use different models, make valuation adjustments, or use different methodologies when determining prices at which Emirates NBD is willing to trade financial instruments and/or when valuing its own inventory positions for its books and records. In receiving the publication, you acknowledge and agree that there are risks associated with investment activity described in the publication and to seek separate, independent financial advice if required to assess whether a particular investment activity described herein is suitable, lies exclusively with you. You acknowledge and agree that past investment performance is not indicative of the future performance results of any investment and that the information contained herein is not to be used as an indication for the future performance of any investment activity. You acknowledge that the publication has been developed, compiled, prepared, revised, selected, and arranged by Emirates NBD and others (including certain other information sources) through the application of methods and standards of judgment developed and applied through the expenditure of substantial time, effort, and money and constitutes valuable intellectual property of Emirates NBD and such others. All present and future rights in and to trade secrets, patents, copyrights, trademarks, service marks, know-how, and other proprietary rights of any type under the laws of any governmental authority, domestic or foreign, shall, as between you and Emirates NBD, at all times be and remain the sole and exclusive property of Emirates NBD and/or other lawful parties. Except as specifically permitted in writing, you acknowledge and agree that you may not copy or make any use of the content of the publication or any portion thereof. Except as specifically permitted in writing, you acknowledge and agree that you may not c

YOU AGREE TO USE THE PUBLICATION SOLELY FOR YOUR OWN NONCOMMERCIAL USE AND BENEFIT, AND NOT FOR RESALE OR OTHER TRANSFER OR DISPOSITION TO, OR USE BY OR FOR THE BENEFIT OF, ANY OTHER PERSON OR ENTITY. YOU AGREE NOT TO USE, TRANSFER, DISTRIBUTE, OR DISPOSE OF ANY DATA/INFORMATION CONTAINED IN THE PUBLICATION IN ANY MANNER THAT COULD COMPETE WITH THE BUSINESS INTERESTS OF EMIRATES NBD. YOU MAY NOT OFY, REPRODUCE, PUBLISH, DISPLAY, MODIFY, OR CREATE DERIVATIVE WORKS FROM ANY DATA/INFORMATION CONTAINED IN THE PUBLICATION FOR SALE OR DISTRIBUTE IT OVER ANY MEDIUM WITHOUT THE PRIOR WRITTEN CONSENT OF EMIRATES NBD. YOU MAY NOT OFFER ANY PART OF THE PUBLICATION FOR SALE OR DISTRIBUTE IT OVER ANY MEDIUM WITHOUT THE PRIOR WRITTEN CONSENT OF EMIRATES NBD. THE DATA/INFORMATION CONTAINED IN THE PUBLICATION MAY NOT BE USED TO CONSTRUCT A DATABASE OF ANY KIND. YOU MAY NOT USE THE DATA/INFORMATION IN THE PUBLICATION IN ANY WAY TO IMPROVE THE QUALITY OF ANY DATA SOLD OR CONTRIBUTED TO BY YOU TO ANY THIRD PARTY. FURTHERMORE, YOU MAY NOT USE ANY OF THE TRADEMARKS, TRADE NAMES, SERVICE MARKS, COPYRIGHTS, OR LOGOS OF EMIRATES NBD OR ITS SUBSIDIARIES IN ANY MANNER WHICH CREATES THE IMPRESSION THAT SUCH ITEMS BELONG TO OR ARE ASSOCIATED WITH YOU OR, EXCEPT AS OTHERWISE PROVIDED WITH EMIRATES NBD'S PRIOR WRITTEN CONSENT, AND YOU ACKNOWLEDGE THAT YOU HAVE NO OWNERSHIP RIGHTS IN AND TO ANY OF SUCH ITEMS. MOREOVER YOU AGREE THAT YOUR USE OF THE PUBLICATION IS AT YOUR SOLE RISK AND ACKNOWLEDGE THAT THE PUBLICATION AND ANYTHING CONTAINED HEREIN, IS PROVIDED "AS IS" AND "AS AVAILABLE," AND THAT EMIRATES NBD MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO THE PUBLICATION, INCLUMAR DAMITE, NON-INFRINGEMENT, TITLE, OR FITNESS FOR A PARTICULAR PURPOSE OR USE. YOU agree, at your own expense, to indemnify, defend and hold harmless Emirates NBD, its SUPPLIER, agrees, arising out of or in connection with the publication, including, but not limited to: (i) your use of the data contained in the publication or someone using such data on your



Emirates NBD Research& Treasury Contact List

Aazar Ali Khwaja

+971 4 609 3000

aazark@emiratersnbd.com

Head of Fixed Income Research

mohammedtaj@emiratesnbd.com

anitay@emiratesnbd.com

Mohammed Al-Tajir

Treasury

Anita Yaday

+9714 230 7630

+9714 609 3005

Group Treasurer & EVP Global Markets &

Manager, FX Analytics and Product Development

Emirates NBD Head Office 12thFloor Banivas Road, Deira P.OBox777 Dubai

Jonathan Morris General Manager Wholesale Banking JonathanM@emiratesnbd.com

Research

Khatija Haque Head of MENA Research +9714 230 7803 khatijah@emiratesnbd.com

Edward Bell Commodity Analyst +9714 230 7701 edwardpb@emiratesnbd.com

Aditya Pugalia

Sales & Structuring

Group Head – Treasury Sales Tariq Chaudhary +971 4 230 7777 tarigmc@emiratesnbd.com

London Sales +44 (0) 20 7838 2241 vallancel@emiratesnbd.com

Emirates NBD Capital

Ahmed Al Qassim CEO- Emirates NBD Capital AhmedAQ@emiratesnbd.com

Analyst +9714 230 7802 adityap@emiratesnbd.com

> Saudi Arabia Sales Numair Attiyah +966 11 282 5656 numaira@emiratesnbd.com

Egypt Gary Boon +20 22 726 5040 garyboon@emiratesnbd.com

Hitesh Asarpota Head of Debt Capital Markets. +971 50 4529515 asarpotah@EmiratesNBD.com

Investor Relations

Patrick Clerkin +9714 230 7805 patricke@emiratesnbd.com **Group Corporate Affairs**

Ibrahim Sowaidan +9714 609 4113 ibrahims@emiratesnbd.com Tim Fox Head of Research & Chief Economist +9714 230 7800 timothyf@emiratesnbd.com

Shady Shaher Elborno Head of Macro Strategy +9714 2012300 shadyb@emiratesnbd.com

Athanasios Tsetsonis Sector Economist +9714 230 7629 athanasiost@emiratesnbd.com

Singapore Sales Supriyakumar Sakhalkar +65 65785 627 supriyakumars@emiratesnbd.com

Claire Andrea +9714 609 4143 clairea@emiratesnbd.com