

Cell: J9

Comment: Rick Heede

"China National Offshore Oil Corporation (CNOOC Group) is one of the major national oil companies of China. It is the third-largest national oil company in the People's Republic of China after CNPC (parent of PetroChina), and China Petrochemical Corporation (parent of Sinopec), The CNOOC Group focuses on the exploitation, exploration and development of crude oil and natural gas offshore of China. The CNOOC Group is a state-owned oil company, fully owned by the government of the People's Republic of China." Wikipedia.

Also see: Xu. Xiaojie (2007) Chinese NOCs' Overseas Strategies; Background, Comparison, and Remarks, Baker Institute for Public Policy, March, 39 pp.

Jiang, BinBin (2012) "China National Petroleum Corporation (CNPC): a balancing act between enterprise and government," in Victor et al, eds, Oil & Governance, pp. 379-417.

Guo, Sizhi (2007) The Business Development of China's National Oil Companies: The Government to Business Relationship in China, Case Study Series: The Changing Role of National Oil Companies in International Energy Markets, Baker Institute for Public Policy, March, 30 pp.

Barnes, Joe, & Matthew E. Chen (2007) NOCs and U.S. Foreign Policy, Case Study Series: The Changing Role of National Oil Companies in International Energy Markets, Baker Institute for Public Policy, March, 64 pp.
Lewis, Stephen W. (2007b) "Energy Security and the Consuming Country: China's NOCs," Baker Institute, in: The Changing Role of National Oil Companies in International Energy Markets, Baker Institute for Public Policy, Rice Univ., 1 March 2007.

Cell: Q9

Comment: Rick Heede:

World Bank, 2008b, page 17: "CNOOC Ltd. is a joint stock company incorporated in the People's Republic of China (PRC). Its ultimate parent company is China National Offshore Oil Corp. (CNOOC-Parent) which is 100% owned by the government. CNOOC-Parent owns 100% of Overseas Oil & Gas Corp., Ltd. (Bermuda) which in turn owns 100% of CNOOC (BVI) Ltd. (British Virgin Islands) which in turn owns 66% of CNOOC Ltd. 100% government owned CNOOC-Parent owns 66% of the shares of CNOOC Ltd through various internationally-based wholly owned subsidiaries.

World Bank (2008b) A Citizen's Guide to National Oil Companies, Part B: Data Directory, World Bank, Washington, & Center for Energy Economics, Bureau of Economic Geology Jackson School of Geosciences University of Texas, Austin, 764 pp.

Cell: L12

Comment: Rick Heede:

Natural gas is typically reported as dry gas; natural gas liquids are reported under crude oil. Carbon dioxide is normally removed from the gas flow at the production site (see "Vented Carbon Dioxide"). "SCM/d" = standard cubic meters per day. "cf/d" = cubic feet per day.

Cell: H47

Comment: Rick Heede:

CNOOC Ltd agreed to buy Nexen Inc for \$15.1 billion as China's largest foreign deal in July 2012. Bloomberg.com, 23 July 2012. Canadian and US regulators approved the deal in December (the US due to Nexen's activities in the Gulf of Mexico). CNOOC completed the acquisition in February 2013.

Cell: P52

Comment: Rick Heede:

CNOOC Annual Report 2018, p. 4. Net proved reserves of oil and liquids, 2014-2018. 2018 reserves, China: 1,783 Mb, Overseas: 1,515 Mb. Gas reserves, China: 6,108 Bcf, overseas: 1,519 Bcf.

Comment: Rick Heede:

CNOOC Annual Report 2013, page 4, net production of crude and liquids, thousand bbl per day.

Cell: F66

Comment: Rick Heede:

Oil and gas production data from Energy Intelligence (2003) Top 100: Ranking the World's Oil Companies, p. 124.

Cell: L66

Comment: Rick Heede:

Oil and gas production data from Energy Intelligence (2003) Top 100: Ranking the World's Oil Companies, p. 124.

Cell: F69

Comment: Rick Heede:

CNOOC Annual Rpt 2003, page 7: "total output of oil and gas reached 33.36 million tons of oil equivalent." Rpt does not disaggregate oil from gas.

Cell: P69

Comment: Rick Heede:

CNOOC Annual Rpt 2003, page 7: "total putput of oil and gas reached 33.36 million tons of oil equivalent." Rpt does not disaggregate oil from gas.

Cell: F71

Comment: Rick Heede:

CNOOC Annual Rpt 2008, page 11. Data in million tonnes per year. CMS Note: OGJ100 for 2005 estimates CNOOC oil production at 127 million bbl, and gas production at 154.8 Bcf.

Cell: L71

Comment: Rick Heede (Dec09):

CNOOC Annual Rpt 2008, page 11. Data in billion cubic meters per year.

Cell: P71

Comment: Rick Heede:

CNOOC Annual Rpt 2008, page 11. Data in million tonnes per year.

CMS Note: OGJ100 for 2005 estimates CNOOC oil production at 127 million bbl, and gas production at 154.8 Bcf.

Cell: Q71

Comment: Rick Heede (Dec09):

CNOOC Annual Rpt 2008, page 11. Data in billion cubic meters per year.

Cell: F72

Comment: Rick Heede

CNOOC AR 2010 pg 3 shows "net production of crude and liquids"

Cell: D75 Comment: Rick Heede:

AR 2010 pdf pg xix shows production before royalties

Cell: D77 Comment: Rick Heede Nexen AnnRpt, MDA page 6. Production, after royalties, conventional oil (150.5 thousand bbl /d) plus oil sands (38.9 thousand bbl /d), total 189.4 thousand bbl per day in 2012. Total before royalties: 197.9 thousand bbl per day. For details see

production table reproduced here. Nexen acquired by CNOOC effective 25 Feb 2013. Cell: F79

Comment: Rick Heede: CNOOOC 20-F for 2015, page 59: Net production of crude oil (bbl/day) and Natural Gas (Mcf/day) (million cf/day)

Comment: Rick Heede:

CNOOOC 20-F for 2015, page 59: Net production of Natural Gas (Mcf/day) (million cf/day)

Cell: F81

Comment: Rick Heede

CNOOC 20-F for 2017, page 56: Net production of crude oil (bbl/day) and natural gas Mcf/day).

Comment: Rick Heede: CNOOC 20-F for 2017, page 56: Net production of crude oil (bbl/day) and natural gas Mcf/day).

Cell: F84

Comment: Rick Heede:
CNOOC Ltd SEC Form 20-F, page 58. Se table above, oil net production, in kbpd, for 2016-2018. Sales volume of "crude and liquids" in 2018 (page 65) totaled 372.9 Mb (and 380.1 Mb in 2017).

Comment: Rick Heede:

CNOOC Ltd SEC Form 20-F, page 58. Se table above, gas net production, in Mcf/day, for 2016-2018. Sales volume in 2018 (page 65) totaled 469.9 Bcf (and 421.5 Bcf in 2017).