

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: M9

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

Cell: H12

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.

Geosciences University of Texas, Austin, 764 pp.

Cell: H54

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: D67

Comment: Rick Heede:

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

Cell: H67 Comment: Rick Heede:

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

Cell: D70

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: L70

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: D72

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: 172

Comment: Rick Heede (Dec09):

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

Cell: L72

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: M72

Comment: Rick Heede (Dec09):

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

Cell: D73

Comment: Rick Heede:

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