



## INVESTMENT MANAGEMENT

### FINAL DIVESTMENT AND DO-NOT-CONTRACT LIST—IRAN

*Originally published December 21, 2023<sup>1</sup>*

Pursuant to N.C. Gen. Stat. § 147-86.58, the State Treasurer has determined that the following companies appear to be engaged in “investment activities in Iran,” as that term is defined in the amended North Carolina Iran Divestment Act of 2015 (the “Act”), based on other state lists of restricted companies, federal information, and other credible information. This updated List may be found at the State Treasurer’s website:

<https://www.nctreasurer.com/about/transparency/commitment-transparency/divestment-and-do-not-contract-rules>.

**The State Treasurer and North Carolina Retirement Systems may not invest funds with, and must divest any existing investment from, the restricted companies listed below.** N.C. Gen. Stat. § 147-86.58. In addition, the restricted companies listed below are generally ineligible to contract with the State of North Carolina or any political subdivision of the State if the contract is valued at more than \$1,000.00. N.C. Gen. Stat. §§ 147-86.60 and 147-86.61. Any existing contracts with companies listed below shall be allowed to expire in accordance with the terms of the contract. N.C. Gen. Stat. § 147-86.60(c).

“Company” is defined by the Act to include not only restricted companies listed as a result of their own apparent investment activities in Iran (see above) but also any “wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of those entities.” N.C. Gen. Stat. § 147-86.57(1).

The Department of State Treasurer is not responsible for compliance with the Act by other agencies or State political subdivisions. The Department’s responsibilities are solely focused on implementing N.C. Gen. Stat. §147-86.58, which relates to the Department’s investments, and implementing the Act as it relates to the identification of companies that appear to be engaged in investment activities in Iran.

Restricted Company
Chennai Petroleum Corp. Ltd.
China Oilfield Services Ltd.
China Petroleum & Chemical Corp.
Gazprom PJSC
Oil & Natural Gas Corp. Ltd.
PetroChina Co. Ltd.
SINOPEC Engineering (Group) Co., Ltd.

<sup>1</sup> As of December 27, 2024, a group of companies affiliated with Securing Energy for Europe (SEFE) were removed from this list, originally published on December 21, 2023. These companies were not affiliated with Gazprom PJSC at the time of this list’s original publication and do not meet the criteria for inclusion in this document.



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Achim Development OOO	Subsidiary	Gazprom PJSC
Achimneftegaz ZAO	Subsidiary	Gazprom PJSC
Addax Petroleum International Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Aershan Drinks (Beijing) Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Akfel Gaz Sanayi ve Ticaret AS	Subsidiary	Gazprom PJSC
AKS Holding OAO	Subsidiary	Gazprom PJSC
Alpika-Service OOO	Subsidiary	Gazprom PJSC
Amerada Hess Indonesia Holdings Ltd.	Subsidiary	PetroChina Co., Ltd.
ArmRusGasProm CJSC	Subsidiary	Gazprom PJSC
Astrakhangazprom OOO	Subsidiary	Gazprom PJSC
Astrakhanskii Domostroitelnyi Kombinat Gazprom	Subsidiary	Gazprom PJSC
Aviakompaniya Astrakhanskie Avialinii	Subsidiary	Gazprom PJSC
Avtogaz AK	Subsidiary	Gazprom PJSC
Baling Petrochemical Corp.	Subsidiary	China Petroleum & Chemical Corp.
Beijing Feitian Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Beijing Fortune Huiyuan Gas Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Beijing Yanshan Petrol Chem Ind Co. Ltd. /Thermal Bus/	Subsidiary	China Petroleum & Chemical Corp.
Beltransgaz OAO	Subsidiary	Gazprom PJSC
Big Horn Oil & Gas, Inc.	Subsidiary	Gazprom PJSC
BP-Petrochina Fuels JV	Subsidiary	PetroChina Co., Ltd.
Brion Duvernay Gas Partnership	Subsidiary	PetroChina Co., Ltd.
Broadcast & Production Union Red Media LLC	Subsidiary	Gazprom PJSC
Caspian Investments Resources Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Chechengazprom OJSC	Subsidiary	Gazprom PJSC
Chennai Petroleum Corp. Ltd. Employees Provident Fund	Subsidiary	Chennai Petroleum Corp. Ltd.
China International United Petroleum & Chemicals Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China National Petro Corp. /Dayuan & Qingyang Refinery Ops/	Subsidiary	PetroChina Co., Ltd.
China National Petroleum Marketing Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
China Oilfield Services (BVI) Ltd.	Subsidiary	China Oilfield Services Ltd.



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
China Petrochemical Corp. Henan Petroleum Exploration Bureau	Subsidiary	China Petroleum & Chemical Corp.
China Petrochemical Refining Sales Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Petrochemical Technology Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Co. Ltd. /Lube Jingmen Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Co. Ltd. /Tahe Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Anhui Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Changling Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Hebei Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Henan Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Jiujiang Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Liaoning Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Maoming Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Shandong Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Wuhan Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. (Zhejiang Ningbo Branch)	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /3 Subs/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Arg Petroleum Assets/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /East China Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Guangdong Pete Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Hubei Yichang Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Jiangsu Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Jiangsu Suzhou Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Lubricant Tianjin	Subsidiary	China Petroleum & Chemical



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## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Branch/		Corp.
China Petroleum & Chemical Corp. /Shanghai & Hua Dong Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Shanghai Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. /Tianjin Branch/	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. Chuanyu Trading Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Corp. Ltd. Lubricant Co.	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum & Chemical Sales Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Petroleum Group Jiangnan Petroleum Management Bureau	Subsidiary	China Petroleum & Chemical Corp.
China Resources Petrochems Investments Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Shengli Oilfield Longxi Petroleum Eng Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Shipping & Sinopec Suppliers Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
China Sinopec Grp Asset Op Co. Ltd. /Thermal & Other Bus/	Subsidiary	China Petroleum & Chemical Corp.
China State-Owned Assets Supervision & Admn Commission	Parent	China Oilfield Services Ltd.
China State-Owned Assets Supervision & Admn Commission	Parent	China Petroleum & Chemical Corp.
China State-Owned Assets Supervision & Admn Commission	Parent	PetroChina Co., Ltd.
China State-Owned Assets Supervision & Admn Commission	Parent	SINOPEC Engineering (Group) Co., Ltd.
Chuanyu Trading Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
CNOOC Enertech Drilling & Production Co. /Seismic Data Bus/	Subsidiary	China Oilfield Services Ltd.
CNPC Kunlun Natural Gas Exploitation Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
COSL (Australia) Pty Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL America, Inc.	Subsidiary	China Oilfield Services Ltd.
COSL Chemicals (Tianjin) Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Deepwater Technology Co., Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Drilling Pan Pacific (Malaysia) Sdn. Bhd.	Subsidiary	China Oilfield Services Ltd.
COSL Drilling Pan-Pacific (Labuan) Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Drilling Pan-Pacific Ltd.	Subsidiary	China Oilfield Services Ltd.



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
COSL Drilling Saudi Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Drilling Singapore Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Drilling Strike Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Finance (BVI) Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Hainan Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Holding AS	Subsidiary	China Oilfield Services Ltd.
COSL Mexico SA de CV	Subsidiary	China Oilfield Services Ltd.
COSL Middle East FZE	Subsidiary	China Oilfield Services Ltd.
COSL Norwegian AS	Subsidiary	China Oilfield Services Ltd.
COSL Oil-Tech (Singapore) Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Pioneer Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
Cosl Promoter Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Prospector Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Singapore Capital Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL Strike Pte Ltd.	Subsidiary	China Oilfield Services Ltd.
COSL-HongKong Ltd.	Subsidiary	China Oilfield Services Ltd.
Daltransgaz OAO	Subsidiary	Gazprom PJSC
Daqing Oilfield Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Daqing Oilfield Construction Group Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Daqing Petrochemical Complex	Subsidiary	China Petroleum & Chemical Corp.
Daqing Refining & Chemicals Co.	Subsidiary	PetroChina Co., Ltd.
Dongguan China Resources Petroleum & Chemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Dongguan Humen Port Tongzhou Petrochemical Terminal Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Dps Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
Energogaz OOO	Subsidiary	Gazprom PJSC
Eurofert Trading Ltd.	Subsidiary	Gazprom PJSC
First International Oil Corp.	Subsidiary	China Petroleum & Chemical Corp.
Forever Glowing International Pte Ltd.	Subsidiary	PetroChina Co., Ltd.
Fushun Petroleum & Chemical Research Institute	Subsidiary	China Petroleum & Chemical Corp.
Gamma OOO (Insurance Co.)	Subsidiary	Gazprom PJSC
Gaoqiao Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Gas Energy Co.	Subsidiary	Gazprom PJSC
Gas-Invest as	Subsidiary	Gazprom PJSC
Gas-Oil	Subsidiary	Gazprom PJSC



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Gaz Capital SA	Subsidiary	Gazprom PJSC
Gaz Finance Plc	Subsidiary	Gazprom PJSC
Gazenergoset OJSC	Subsidiary	Gazprom PJSC
Gazfin Cyprus Ltd.	Subsidiary	Gazprom PJSC
Gazmash OJSC	Subsidiary	Gazprom PJSC
Gazoprovod Soyuz Vostok OOO	Subsidiary	Gazprom PJSC
Gazprom - Yuzhnaya Osetiya OAO	Subsidiary	Gazprom PJSC
Gazprom Armenia CJSC	Subsidiary	Gazprom PJSC
Gazprom Armeniya ZAO	Subsidiary	Gazprom PJSC
GAZPROM ASSETS MANAGEMENT SPC LLC	Subsidiary	Gazprom PJSC
Gazprom Austria GmbH	Subsidiary	Gazprom PJSC
Gazprom Capital OOO	Subsidiary	Gazprom PJSC
Gazprom Centrremont LLC	Subsidiary	Gazprom PJSC
Gazprom Dobycha Krasnodar	Subsidiary	Gazprom PJSC
Gazprom Dobycha Krasnodar LLC	Subsidiary	Gazprom PJSC
Gazprom Dobycha Kuznetsk OOO	Subsidiary	Gazprom PJSC
Gazprom Dobycha Orenburg	Subsidiary	Gazprom PJSC
Gazprom Dobycha Shelf Yuzhno-Sakhalinsk OOO	Subsidiary	Gazprom PJSC
Gazprom Dobycha Urengoi OOO	Subsidiary	Gazprom PJSC
Gazprom Eksport OOO	Subsidiary	Gazprom PJSC
Gazprom Energo OOO	Subsidiary	Gazprom PJSC
Gazprom Energoholding LLC	Subsidiary	Gazprom PJSC
Gazprom EP International BV	Subsidiary	Gazprom PJSC
Gazprom EP International Investments BV	Subsidiary	Gazprom PJSC
Gazprom Export	Subsidiary	Gazprom PJSC
Gazprom Export LLC	Subsidiary	Gazprom PJSC
Gazprom Finance BV	Subsidiary	Gazprom PJSC
Gazprom Flot OOO	Subsidiary	Gazprom PJSC
Gazprom Gaznadzor OOO	Subsidiary	Gazprom PJSC
Gazprom Gazobezopasnost OOO	Subsidiary	Gazprom PJSC
Gazprom Gazomotornoye Toplivo	Subsidiary	Gazprom PJSC
Gazprom Gazonefteprodukt Holding OOO	Subsidiary	Gazprom PJSC
Gazprom Gazoraspredelenie JSC	Subsidiary	Gazprom PJSC
Gazprom Geofizika	Subsidiary	Gazprom PJSC
Gazprom Holding Coöperatie UA	Subsidiary	Gazprom PJSC
Gazprom Inform	Subsidiary	Gazprom PJSC
Gazprom International SA	Subsidiary	Gazprom PJSC
Gazprom Invest LLC	Subsidiary	Gazprom PJSC
Gazprom Invest Vostok LLC	Subsidiary	Gazprom PJSC



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Gazprom Italia SpA	Subsidiary	Gazprom PJSC
Gazprom Komplektatsiya OOO	Subsidiary	Gazprom PJSC
Gazprom Kyrgyzstan OOO	Subsidiary	Gazprom PJSC
Gazprom Libya BV	Subsidiary	Gazprom PJSC
Gazprom Liquefied Gas LLC	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Groznyi ZAO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Kaluga OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Kurgan Ltd.	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz LLC	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Makhachkala OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Maykop LLC	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Moskva OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Omsk ZAO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Pyatigorsk OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Saratov LLC	Subsidiary	Gazprom PJSC
Gazprom mezhregiongaz Vologda OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Yoshkar-Ola OOO	Subsidiary	Gazprom PJSC
Gazprom Mezhregiongaz Yaroslavl OOO	Subsidiary	Gazprom PJSC
Gazprom Nedra LLC	Subsidiary	Gazprom PJSC
Gazprom Neft Badra BV	Subsidiary	Gazprom PJSC
Gazprom Pererabotka OOO	Subsidiary	Gazprom PJSC
Gazprom Personal OOO	Subsidiary	Gazprom PJSC
Gazprom PKHG	Subsidiary	Gazprom PJSC
Gazprom Processing OOO	Subsidiary	Gazprom PJSC
Gazprom Proyektirovaniye LLC	Subsidiary	Gazprom PJSC
Gazprom Sakhalin Holdings BV	Subsidiary	Gazprom PJSC
Gazprom Series 2008	Subsidiary	Gazprom PJSC
Gazprom Sotsinvest OOO	Subsidiary	Gazprom PJSC
Gazprom Stimul	Subsidiary	Gazprom PJSC
Gazprom Stroy TEK Salavat CJSC	Subsidiary	Gazprom PJSC
Gazprom Transgaz Ekaterinburg OOO	Subsidiary	Gazprom PJSC
Gazprom Transgaz Kazan OOO	Subsidiary	Gazprom PJSC
Gazprom Transgaz Krasnodar OOO	Subsidiary	Gazprom PJSC
Gazprom Transgaz Nizhnii Novgorod OOO	Subsidiary	Gazprom PJSC
Gazprom Transgaz Saratov OOO	Subsidiary	Gazprom PJSC
Gazprom Transgaz Surgut	Subsidiary	Gazprom PJSC
Gazprom VNIIGAZ OOO	Subsidiary	Gazprom PJSC
Gazprom YRGM Development JSC	Subsidiary	Gazprom PJSC
Gazprom Zarubezhneftegaz AO	Subsidiary	Gazprom PJSC



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Gazprombank Group	Subsidiary	Gazprom PJSC
Gazprombank-Freziya	Subsidiary	Gazprom PJSC
Gazpromfinans	Subsidiary	Gazprom PJSC
Gazprominvestholding	Subsidiary	Gazprom PJSC
Gazpromneft Lubricants Italia SpA	Subsidiary	Gazprom PJSC
Gazpromneft-Servis LLC	Subsidiary	Gazprom PJSC
Gazpromneft-Tekhnologicheskije Partnerstva OOO	Subsidiary	Gazprom PJSC
Gazpromneft-Yarsale OOO	Subsidiary	Gazprom PJSC
Gazpromvyet OOO	Subsidiary	Gazprom PJSC
Gazstroiprom AO	Subsidiary	Gazprom PJSC
Gerosgaz ZAO	Subsidiary	Gazprom PJSC
Government of India	Parent	Oil & Natural Gas Corp. Ltd.
GPN-Blizhnevostochnyye Projekty	Subsidiary	Gazprom PJSC
Great Wall Gas	Subsidiary	China Petroleum & Chemical Corp.
Guangzhou Petrochemical Co.	Subsidiary	China Petroleum & Chemical Corp.
Gujarat State Petroleum Corp. Ltd. /KG Basin Block/	Subsidiary	Oil & Natural Gas Corp. Ltd.
Hebei Natural Gas Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Hindustan Petroleum Corp. Ltd.	Subsidiary	Oil & Natural Gas Corp. Ltd.
Hubei Jiangzuan Tianxiang Chemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Imperial Energy Corp. Plc	Subsidiary	Oil & Natural Gas Corp. Ltd.
Indian Oil Corp. Ltd.	Parent	Chennai Petroleum Corp. Ltd.
Indonesian Oil & Gas Operations	Subsidiary	PetroChina Co., Ltd.
INEOS Group Holdings Plc /European Oil Refining Ops/	Subsidiary	PetroChina Co., Ltd.
Jiangan Petroleum Administration Bureau	Subsidiary	China Petroleum & Chemical Corp.
Jiangsu Petroleum Exploration Bureau	Subsidiary	China Petroleum & Chemical Corp.
Jilin Chemical Industrial Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Jilin Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.
Jinling Petrochemical Ltd. Corp. Sinopec Corp.	Subsidiary	China Petroleum & Chemical Corp.
Kaliningradgazifikatsiya JSC	Subsidiary	Gazprom PJSC
Kamchatgazprom CJSC	Subsidiary	Gazprom PJSC
Kantons Gas Station Investment & Management Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
KazRosGaz TOO	Subsidiary	Gazprom PJSC
Kovyktaneftegaz OOO	Subsidiary	Gazprom PJSC



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Krasnoyarskgazprom PJSC	Subsidiary	Gazprom PJSC
KunLun Energy Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
Kurgangorgaz JSC	Subsidiary	Gazprom PJSC
Kuznetsk Geological Co.	Subsidiary	Gazprom PJSC
Kyrgyz Fuel Station	Subsidiary	Gazprom PJSC
Kyrgyzgaz OJSC	Subsidiary	Gazprom PJSC
KyrgyzgazProm OsOO	Subsidiary	Gazprom PJSC
Kyrgyzneftegaz OAO	Subsidiary	Gazprom PJSC
Lanzhou Sida Special Petrochemical Products Co Ltd	Subsidiary	PetroChina Co., Ltd.
Leadville Investment Ltd	Subsidiary	Gazprom PJSC
Lentransgaz LLC	Subsidiary	Gazprom PJSC
Liaoh Jinma Oilfield Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
Luoyang R&D Center of Technology Sinopec Engineering (Group)	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Mangalore Refinery & Petrochemicals Ltd.	Subsidiary	Oil & Natural Gas Corp. Ltd.
Mezhregionenergosbyt OAO	Subsidiary	Gazprom PJSC
Moscow Integrated Power Co.	Subsidiary	Gazprom PJSC
Nllgazeconomika OOO	Subsidiary	Gazprom PJSC
Ningbo Sinopec Changjiang Fuel Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Non-state Pension Fund GAZFOND JSC	Subsidiary	Gazprom PJSC
Nord Stream 2 AG	Subsidiary	Gazprom PJSC
Nord Stream AG	Subsidiary	Gazprom PJSC
North Transgas Oy	Subsidiary	Gazprom PJSC
Novy Urengoy Gas Chemical Complex OOO	Subsidiary	Gazprom PJSC
NTV Hungary Commercial LLC	Subsidiary	Gazprom PJSC
NTV Television OAO	Subsidiary	Gazprom PJSC
Oil & Natural Gas Corp. Ltd. (Venture Capital)	Subsidiary	Oil & Natural Gas Corp. Ltd.
ONGC Nile Ganga (Cyprus) Ltd.	Subsidiary	Oil & Natural Gas Corp. Ltd.
ONGC Energy Centre	Subsidiary	Oil & Natural Gas Corp. Ltd.
ONGC Mangalore Petrochemicals Ltd.	Subsidiary	Oil & Natural Gas Corp. Ltd.
ONGC Self Contributory Post Retirement & Death In Service Sup	Subsidiary	Oil & Natural Gas Corp. Ltd.
ONGC Videsh Ltd.	Subsidiary	Oil & Natural Gas Corp. Ltd.
PAO OGK-2	Subsidiary	Gazprom PJSC
Pechorskaya Teplovaya Kompaniya ZAO	Subsidiary	Gazprom PJSC
Pennine Natural Gas Ltd. /Supply Ops/	Subsidiary	Gazprom PJSC
Perenco Cameroon SA	Subsidiary	Gazprom PJSC
PetersburgRegionGaz	Subsidiary	Gazprom PJSC



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## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Petro China Co., Ltd. Jilin Petrochemical Branch	Subsidiary	PetroChina Co., Ltd.
PetroChina & CRMSC Oil Marketing Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina (Nanjing) Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Canada Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Changqing Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Chongqing Fuling Sales Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Chongqing Sales Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. (Jinzhou Petrochemical Unit)	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Dagang Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Dagang Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Dalian Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Daqing Lubricating Oil No1 Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Daqing Lubricating Oil No2 Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Dushanzi Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Fushun Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Guangxi Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Harbin Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Hohhot Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Huadong Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Hubei Yichang Sales Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Lanzhou Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Lanzhou Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Liaohe Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Liaohe Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Liaohe Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Liaoyang Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Ningxia Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Ningxia Refining Chemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /North China Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Tarim Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Urumqi Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Xinjiang Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Yumen Lubricating Oil Factory/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Yumen Oil Field Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Yunnan Refinery/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co. Ltd. /Zhejiang Sales Branch/	Subsidiary	PetroChina Co., Ltd.



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
PetroChina Co., Ltd. (Guangxi Laibin Sales Branch)	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. (Guangxi Sales Branch)	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. (Lubricating Oil Branch)	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. /Changqing Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. /Daqing Refining Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co., Ltd. /Fushun Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. /Huabei Petrochemical Branch Co./	Subsidiary	PetroChina Co., Ltd.
Petrochina Co., Ltd. /Hubei Wuhan Sales Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co., Ltd. /Jinxi Petrochemical Branch/	Subsidiary	PetroChina Co., Ltd.
PetroChina Co., Ltd. /Shandong Sales Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co., Ltd. /Shangluo Luonan Sales Branch/	Subsidiary	PetroChina Co., Ltd.
Petrochina Co., Ltd. /Southwest Oil & Gas Field Branch/	Subsidiary	PetroChina Co., Ltd.
PetroChina Coalbed Methane Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Dagang Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Dalian Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Daqing Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Daqing Tamsag LLC	Subsidiary	PetroChina Co., Ltd.
PetroChina Exploration & Production Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Fuel Oil Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Heilongjiang Harbin Sales Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Heilongjiang Marketing Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Hong Kong Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Hong Kong Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Huabei Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Hunan Sales Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina International (Canada) Trading Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina International Investment (Australia) Pty Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina International Investment Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina International Iraq FZE Iraq Branch	Subsidiary	PetroChina Co., Ltd.
PetroChina International Jabung Ltd	Subsidiary	PetroChina Co., Ltd.
PetroChina International Middle East Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Jidong Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Jilin Natural Gas Pipeline Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Jilin Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Jinchang Sales Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Petrochina Jinzhou Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
PetroChina Kelamayi Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Lanzhou Petrochemical Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Liaohe Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Marketing Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Natural Gas & Pipeline Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina North China Marketing Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Northeast Marketing Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Pension Product - Equity Account	Subsidiary	PetroChina Co., Ltd.
Petrochina Pipeline Bureau Steel Tube Factory	Subsidiary	PetroChina Co., Ltd.
PetroChina Pipelines Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Qinghai Oilfield Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Refining & Marketing Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina Sichuan Petrochemical Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Talimu Oilfield Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
PetroChina Tuha Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
PetroChina West-East Natural Gas Transmission Pipelines Co.	Subsidiary	PetroChina Co., Ltd.
Petrochina Xinjiang Oilfield Co.	Subsidiary	PetroChina Co., Ltd.
Petroineos Trading Ltd.	Subsidiary	PetroChina Co., Ltd.
Petroleum Long Champ Co Ltd	Subsidiary	PetroChina Co., Ltd.
Phoenix Energy Holdings Ltd. (Canada)	Subsidiary	PetroChina Co., Ltd.
Production Centre Plus LLC	Subsidiary	Gazprom PJSC
PT COSL INDO	Subsidiary	China Oilfield Services Ltd.
PT Samudra Timur Santosa	Subsidiary	China Oilfield Services Ltd.
Purgaz ZAO	Subsidiary	Gazprom PJSC
Purgazdobycha	Subsidiary	Gazprom PJSC
Qingdao Petroleum Co.	Subsidiary	China Petroleum & Chemical Corp.
Renaissance Capital Ltd.	Subsidiary	Gazprom PJSC
Research Institute of Petroleum Exploration & Development	Subsidiary	PetroChina Co., Ltd.
Rosneftegaz OJSC /Gas Distribution Assets (72)/	Subsidiary	Gazprom PJSC
Rosshelf ZAO	Subsidiary	Gazprom PJSC
Russian Energy Projects	Subsidiary	Gazprom PJSC
Salym Petroleum Development	Subsidiary	Gazprom PJSC
Saranskmeigreigas JSC	Subsidiary	Gazprom PJSC
Science & Technology Development Co. Ltd. /Catalysts Business/	Subsidiary	China Petroleum & Chemical Corp.
Severneftegaz OAO	Subsidiary	Gazprom PJSC
Severneftegazprom OJSC	Subsidiary	Gazprom PJSC



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
SevKavNIPGaz JSC	Subsidiary	Gazprom PJSC
Shandong Lurun Hongtai Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shandong Lurun Jingjiu Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shandong Qimin Energy Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shandong Shengyue Petrochemical Engineering Construction Co	Subsidiary	China Petroleum & Chemical Corp.
Shanghai Jin Hua Industrial Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shanghai Longwan Industrial Co. Ltd. /Four Oil Stations/	Subsidiary	PetroChina Co., Ltd.
Shengli Oil Field Dongsheng Precision Petroleum Dev Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shengli Oilfield Co.	Subsidiary	China Petroleum & Chemical Corp.
Shengli Petroleum Management Bureau Eng Cnstr No. 1 Co.	Subsidiary	China Petroleum & Chemical Corp.
Shenzhen Shenchang Industry Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shijiazhuang Chemical Fiber Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Shtokman Development AG	Subsidiary	Gazprom PJSC
Siberian Ural Petrochemical & Gas Co. OAO	Subsidiary	Gazprom PJSC
Sichuan Shengda Chemical New Material Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Singapore Petroleum Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
SinoCanada Petroleum Corp.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Xi'An Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec & Shell (Jiangsu) Petroleum Marketing Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Activator Qilu Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Anqing Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Anqing Refinery Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Argentina SA	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Asphalt Sales Branch Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Baling Yingshan Petrochemical Plant	Subsidiary	China Petroleum & Chemical



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
		Corp.
SINOPEC Beihai Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Beihai Refining & Chemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Beijing Jingtian Engineering & Construction Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Beijing Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Beijing Research Institute of Chemical Industry	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Beijing Yanhua Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Beijing Yanshan Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Cangzhou Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Capital (2013) Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Capital Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Catalyst Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Changling Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Commercial Holding (Hong Kong) Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Commercial Holding (Singapore) Pte Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Commercial Holding Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Chemical Commercial Holding North America, Inc.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Industry Co., Ltd. Hubei Fertilizer Filiale	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Products Sales Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chemical Sales Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Chongqing Petroleum Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Corp Hongkong International Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Dalian Research Institute of Petroleum & Petrochemic	Subsidiary	China Petroleum & Chemical Corp.



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Sinopec East China Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Energy Management Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Energy-Saving Technology Service Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
SINOPEC Engineering Group America LLC	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Engineering Group Malaysia Sdn. Bhd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
SINOPEC Engineering Group Saudi Co. Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Engineering, Inc.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Exploration & Production Research Institute	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Exploration Southern Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Fourth Construction Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Fuel Oil (Singapore) Pte Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Fuel Oil Sales Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Fujian Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Fujian Refining & Chemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Fushun Research Institute of Petroleum & Petrochemic	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Gansu Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Gas Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Geophysical Research Institute	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Great Wall Energy & Chemical (Ningxia) Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Great Wall Energy & Chemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Great Wall Gas Investment Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Group Anhui Petroleum General Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Group Nanjing Chemical Industries Co. Ltd.	Subsidiary	China Petroleum & Chemical



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
		Corp.
SINOPEC Guangdong Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Guangxi Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Guangzhou Engineering Co. Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
SINOPEC Guizhou Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Hainan Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Hainan Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Heavy Lifting & Transportation Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Hebei Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Heilongjiang Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Henan Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Henan Oilfield Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Hubei Chemical Fertilizer Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Hubei Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Hubei Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Hunan Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Inner Mongolian Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec International (Australia) Pty Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec International Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec International Petroleum Exploration & Production Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec International Petroleum Services Kenya Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jiangnan Petroleum Instrumentation Plant	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jiangnan Salt Chemical Hubei Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
SINOPEC Jiangsu Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Jiangsu Oilfield Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jiangxi Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jilin Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Jinan Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jingmen Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jinling Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Jiujiang Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Jiujiang Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Kantons Holdings Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec KTS Development Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Lanzhou Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Liaoning Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Luoyang (Guangzhou) Engineering Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Luoyang Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Luoyang Petrochemical Engineering Corp.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
SINOPEC Luoyang Petrochemical General Factory	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Maoming Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Maoming Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Marketing Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Nanjing Engineering & Construction, Inc.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Nanjing Engineering Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
SINOPEC Ningbo Engineering Co., Ltd.	Subsidiary	SINOPEC Engineering (Group)



*Dale R. Folwell, CPA*

## INVESTMENT MANAGEMENT

Affiliate Company Name	Relationship to Restricted Company	Restricted Company
		Co., Ltd.
Sinopec Ningbo Zhenhai Refining & Chemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Ningxia Oil Products Co.,	Subsidiary	China Petroleum & Chemical Corp.
Sinopec North China E&P Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Northeast Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Northeast Oil & Gas Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Northwest Oil Field Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Oil & Gas Australia (Puffin) Pty Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Overseas Investment Holding Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Petrochemical Co. Ltd Qilu Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Petroleum Engineering & Construction Corp.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Petroleum Engineering Technology Service Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Pipeline Storage & Transportation Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Qilu Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Qingdao Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Qingdao Refining & Chemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Qingdao Refining Corp. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Qingdao Safety Engineering Institute	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Qinghai Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Refinery Sales (Fujian) Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Research Institute of Petroleum Engineering	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Research Institute of Petroleum Processing	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Sales Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
Sinopec Senmei (Fujian) Petroleum Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shaanxi oil products Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shandong Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanghai Asphalt Sales Branch Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shanghai Engineering Co., Ltd.	Subsidiary	SINOPEC Engineering (Group) Co., Ltd.
Sinopec Shanghai Gaoqiao Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanghai Gaoqiao Petroleum & Chemical Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shanghai Offshore Petroleum Co.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shanghai Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanghai Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shanghai Research Institute of Petrochemical Technolog	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanghai SECCO Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanxi Datong Petrol	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shanxi Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shashi Steel Pipe Factory	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shengli Oilfield Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Shengli Oilfield Construction Engineering Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Shijiazhuang Refining & Chemical Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Sichuan Petroleum Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Sichuan Vinylon Works	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Tahe Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Tech Houston LLC	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Tenth Construction Co., Ltd.	Subsidiary	SINOPEC Engineering (Group)



*Dale R. Folwell, CPA*

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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
		Co., Ltd.
SINOPEC Tianjin Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Tianjin Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Tianjin Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Wuhan Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Wuhan Phoenix Co. Ltd. /Petrochemicals Ops/	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Xinjiang Coal Natural Gas Export Pipeline Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Xinjiang Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Yangzi Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Yizheng Chemical Fibre Co. Ltd. /Jiangsu/	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Zhanjiang Dongxing Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SINOPEC Zhejiang Oil Products Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Zhenhai Refining & Chemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Zhongyuan Oilfield Co.	Subsidiary	China Petroleum & Chemical Corp.
Sinopec Zhongyuan Petroleum Exploration Bureau	Subsidiary	China Petroleum & Chemical Corp.
Sinopec-SK(Wuhan) Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
SJ Petroleum Machinery Co.	Subsidiary	China Petroleum & Chemical Corp.
South Oil Exploration & Development Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
South Stream Transport BV	Subsidiary	Gazprom PJSC
South West Oil & Gas Co.	Subsidiary	China Petroleum & Chemical Corp.
Specialized Mortgage Organisation GPB Ipoteka	Subsidiary	Gazprom PJSC
Stimul Joint Venture	Subsidiary	Gazprom PJSC
Taian Lurun Cement Production Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Taixing Longsheng Fine Chemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
The Fifth Construction Company of Sinopec	Subsidiary	SINOPEC Engineering (Group)



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Affiliate Company Name	Relationship to Restricted Company	Restricted Company
		Co., Ltd.
The PetroChina International Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Tibet Shannan Yala Xiangbu Industrial Ltd.	Subsidiary	PetroChina Co., Ltd.
Trans Invest Group OOO	Subsidiary	Gazprom PJSC
Trans-Asia Gas Pipeline Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Unified Gas Supply System	Subsidiary	Gazprom PJSC
United Petrochemical Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Urengoigasprom OAO	Subsidiary	Gazprom PJSC
Urengoigazprom OOO	Subsidiary	Gazprom PJSC
Vostokgazprom OAO	Subsidiary	Gazprom PJSC
VTB Insurance Ltd.	Subsidiary	Gazprom PJSC
Weihai Weiyang Petroleum Co. Ltd.	Subsidiary	China Petroleum & Chemical Corp.
West Pacific Petrochemical Co., Ltd.	Subsidiary	PetroChina Co., Ltd.
Wintershall Holding GmbH /Natural Gas Trading & Storage Ops/	Subsidiary	Gazprom PJSC
Xartar Management Ltd.	Subsidiary	Gazprom PJSC
Xinjiang Dushanzi Petrochemical Co. Ltd.	Subsidiary	PetroChina Co., Ltd.
Yamalgazinvest CJSC	Subsidiary	Gazprom PJSC
Yihua Group Co.	Subsidiary	China Petroleum & Chemical Corp.
Yuzhno Russkove OAO	Subsidiary	Gazprom PJSC
Yuzhno-Kirinskoye Field	Subsidiary	Gazprom PJSC
Zavod Zhelezobetonnykh Konstruktsii Gazprom	Subsidiary	Gazprom PJSC
Zhongyuan Oilfield Puguang Co.	Subsidiary	China Petroleum & Chemical Corp.
Zhongyuan Petrochemical Co., Ltd.	Subsidiary	China Petroleum & Chemical Corp.
Zhongyuan Petroleum Exploration Bureau	Subsidiary	China Petroleum & Chemical Corp.