### ANTON 安東

## 安 東 油 田 服 務 集 團 Anton Oilfield Services Group

(Incorporated in the Cayman Islands with limited liability)
(Stock Code: 3337)



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### CORPORATE INFORMATION

#### **BOARD OF DIRECTORS**

#### **Executive Directors**

Mr. LUO Lin Mr. WU Di Mr. Pl Zhifeng

#### **Independent Non-executive Directors**

Mr. ZHANG Yongyi Mr. ZHU Xiaoping Mr. WANG Mingcai

#### **AUDIT COMMITTEE**

Mr. ZHU Xiaoping *(Chairman)* Mr. ZHANG Yongyi Mr. WANG Mingcai

#### **REMUNERATION COMMITTEE**

Mr. WANG Mingcai *(Chairman)* Mr. ZHU Xiaoping Mr. LUO Lin

#### NOMINATION COMMITTEE

Mr. ZHANG Yongyi (Chairman) Mr. WANG Mingcai Mr. LUO Lin

### QHSE ("QUALITY, HEALTH, SAFETY AND ENVIRONMENT") COMMITTEE

Mr. Pl Zhifeng (Chairman)
Mr. LUO Lin

#### **AUTHORIZED REPRESENTATIVES**

Mr. LUO Lin Dr. NGAI Wai Fung

#### **COMPANY SECRETARY**

Dr. NGAI Wai Fung (FCIS, FCS (PE), CPA, FCCA)

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#### **REGISTERED OFFICE**

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#### **AUDITORS**

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#### **LEGAL ADVISERS**

as to Hong Kong and U.S. law:

Sidley Austin

as to PRC law:

RRDS LAW OFFICES

as to Cayman Islands law:

Maples and Calder

#### **PRINCIPAL BANKS**

Bank of China China Merchants Bank Bank of Beijing Deutsch Bank

## STOCK CODE ON MAIN BOARD OF THE STOCK EXCHANGE OF HONG KONG LIMITED

3337

#### **DATE OF LISTING**

14 December 2007



### MANAGEMENT DISCUSSION AND ANALYSIS

#### **BUSINESS REVIEW**

In the first half of 2016, international oil price once dropped to a 12-years low, then gradually picked up. The average Brent oil spot price was about US\$40.29/bbl, a decrease of approximately 31% over the same period in 2015. The global oil and gas industry market was still in the downturn.

Domestically, upstream capital expenditures from major oil companies was further slashed, market of regular services goes more defensive, and competition further intensified. Meanwhile, projects were postponed by customers due to the oil price plunge in the first quarter, which made revenue from domestic market decreased as compared to the same period last year. The Group prioritized the bidding of projects which can improve the utilization rate of existing equipment and those with strategic importance, focused on unconventional market where it has competitive advantages and won multiple orders from tight oil and gas, coal-bed methane and shale gas projects in the first half of the year.

Overseas, despite the effects of ultra-low oil price on the progress of projects' execution, revenue from overseas markets still increased slightly as compared with the same period last year, and exceeded that from domestic market for the first time. Leveraging on its systematic competitiveness as a Chinese company with quality service in the current low oil price environment, the Group accelerated the replacement of international oil service companies in the international markets. At the same time, the Group kept close tabs on market opportunities from Chinese investors who invested in overseas oilfields and continued to achieve breakthroughs in emerging markets. In the first half of 2016, the Group's order backlog for overseas business increased to RMB2,628.1 million. The rapid development of the overseas business has led to the increase in working capital demand. The Group introduced a strategic partner through entering into an agreement to transfer 40% interest of its Iraqi business to the partner with an aim to improve the cash flow of the Group and support the long-term business development of the Group.

Under the tough market environment, the Group continued to implement measures on saving costs and improving efficiency, which showed significant effectiveness with substantially lower overhead costs and operating expenses. Profitability of the Group has largely improved in the low oil price environment. On financial management, the Group continued to strengthen the management of accounts receivables. Meanwhile, the Group continued to implement budget-oriented fund control measures and improved the capital management efficiency. However, cash flow was still a bit tight in light of business development demands.

#### **Results and Performance**

In the first half of 2016, the Group recorded total revenue of RMB673.7 million, a decline of RMB187.8 million or 21.8% as compared with the same period of 2015, which was mainly the result of project delays of our major customers due to the oil price plunge in the first quarter.

The Group's operating profit was RMB44.8 million, an increase of RMB12.3 million, or 37.8%, from RMB32.5 million in the same period of 2015. A net loss of RMB65.3 million was recorded, a decrease of RMB10.8 million, or 14.2% from RMB76.1 million in the same period of 2015. Loss attributable to equity holders of the Company was RMB65.0 million, a decrease of RMB8.8 million, or 11.9% from RMB73.8 million in the same period of 2015. The margin of net profit attributable to equity holders of the Company was -9.7%, a decrease of 1.1 percentage points from -8.6% in the same period of 2015.

As at 30 June 2016, the average accounts receivable turnover days were 309 days, an increase of 35 days as compared with the same period last year. The average inventory turnover days were 292 days, an increase of 60 days as compared with the same period last year. Average accounts payable turnover days was 144 days, a decrease of 56 day as compared with the same period last year. Cash flow from operating activities was RMB-153.1 million, a decrease of RMB120.6 million compared with RMB-32.5 million for the same period last year.

#### **Geographical Market Analysis**

In the first half of 2016, new orders secured by the Group totaled RMB1,486.9 million, representing a growth of 16.5% compared with RMB1,276.7 million in the same period last year. Domestic market is still in the downturn, customers took a more defensive position on regular services, which intensified the competition. The Group focused on market opportunities for unconventional projects and won multiple orders from tight oil and gas, coal-bed methane and shale gas projects. As significant capex cuts of customers and the shrink in overall market size, the new orders of the Group was RMB519.4 million for the first half of 2016, a decrease of 17.0% as compared with the same period last year. As at 30 June 2016, the order backlog of the Group in the domestic market was RMB934.0 million. Overseas, the Group further enhanced its breakthroughs and development in international markets, which drove the continuous increase in overseas orders, with the number of new orders overseas reached RMB967.5 million, an increase of 48.6% as compared with the same period last year. As at 30 June 2016, the order backlog of the Group in the overseas market increased to RMB2,628.1 million, reached a record high. The overall order backlog of the Group as at 30 June 2016 was RMB3,562.1 million, representing a 82.2% increase as compared to the same period in 2015. Revenue from the domestic market in the first half of 2016 was RMB279.8 million, representing a decrease of RMB192.7 million or 40.8% from RMB472.5 million in the first half of 2015, and accounting for 41.5% of the Group's total revenue. Revenue from the overseas markets reached RMB393.9 million, an increase of RMB4.9 million or 1.3% from RMB389.0 million in the first half of 2015, and accounting for 58.5% of the Group's total revenue. Revenue from the overseas markets exceeded that from domestic market for the first time.



#### Breakdown of New Orders by Market

	Six months end	ed 30 June	S	Share of Total Value of New Orders		
	The first	The first		The first	The first	
	half of 2016	half of 2015	Change	half of 2016	half of 2015	
	(RMB million)	(RMB million)	(%)			
Domestic	519.4	625.7	-17.0%	34.9%	49.0%	
Overseas	967.5	651.0	48.6%	65.1%	51.0%	
Total	1,486.9	1,276.7	16.5%	100%	100%	

#### Breakdown of Order backlog by Market

				Share of Total	Value	
				of Order Bac	klog	
	As at 30	June		As at 30 June		
	2016	2015	Change	2016	2015	
	(RMB million)	(RMB million)	(%)			
Domestic	934.0	717.0	30.3%	26.2%	36.7%	
Overseas	2,628.1	1,238.0	112.3%	73.8%	63.3%	
Total	3,562.1	1,955.0	82.2%	100%	100%	

#### Breakdown of Revenue by Market

	Six months end	led 30 June		Share of Total Group Revenue Six months ended 30 June		
	2016	2015	Change			
	(RMB million)	(RMB million)	(%)	2016	2015	
Domestic	279.8	472.5	-40.8%	41.5%	54.8%	
Overseas	393.9	389.0	1.3%	58.5%	45.2%	
Total	673.7	861.5	-21.8%	100%	100.0%	

#### **Domestic Market**

In the first half of 2016, domestic market was still in the downturn affected by the low oil price. The revenue from domestic market decreased significantly due to delays of projects execution and decline in total workload. However, benefiting from its advantages in unconventional market, the Group successively achieved breakthroughs in the unconventional market in the first half of 2016.

#### **Revenue Analysis of Domestic Market**

	Six months end	led 30 June	Share of Domestic Revenue			
	2016	2015	Change	Six months ended 30 June		
	(RMB million)	(RMB million) (%)		2016	2015	
Northwest China	136.5	223.2	-38.8%	48.8%	47.2%	
North China	47.3	108.6	-56.4%	16.9%	23.0%	
Southwest China	48.7	95.5	-49.0%	17.4%	20.2%	
Northeast China and						
other Chinese regions	47.3	45.2	4.6%	16.9%	9.6%	
Total	279.8	472.5	-40.8%	100.0%	100.0%	

#### Major developments in the domestic market

- In Northwest China, the overall investment from customers continued to shrink, projects implementation progress was slow, leading to a large year-on-year decline in revenue from the region.
- In North China, the revenue declined significantly as utilization rates of land drilling services and fracturing projects were low. While, the Group smoothly completed a horizontal well drilling in Changqing Oilfield 26 days in advance of the drilling period designated by the customer in the first half of the year, which created a drilling speed record for the same type of horizontal well drilling in the area. Besides, our proprietary well completion tool "Step-Port full bore multi-stage slide sleeve" has been successfully applied in two wells in the area.
- In Southwest China, the Group also recorded a sharp year-on-year decline in revenue affected by the low price in the first half of the year. As for the market, leveraging on its advantages in unconventional technologies, the Group secured new orders from shale gas projects, such as coiled tubing and rotary geo-steering services.



• In Eastern China, the Group recorded a slight year-on-year increase in revenue as project execution was relatively stable, and the Group successfully won several directional drilling service contracts, as well as achieved breakthroughs for unconventional projects in new markets. The Group was awarded an integrated coal-bed methane service order in Shanxi in the first half of the year.

#### **Overseas Market**

Despite of the effects of ultra-low international oil price in the first half of 2016, revenue from overseas markets still increased slightly as compared to the same period last year. Drawing upon its market penetration and excellence as a Chinese company with quality services amidst the low oil price market environment, the Group continued to make new progress and breakthroughs in overseas markets, as evidenced by record high new orders and order backlogs for the same period. Under rapid growth of overseas businesses, the Group's capital requirements for overseas operations increased. In order to maintain and support the long-term development of its international business, the Group introduced a strategic partner by transferring to it 40% of the shares in the Iraq business.

#### Revenue Analysis of Overseas Market

	Six months end	led 30 June		Share of Overseas Revenue Six months ended 30 June		
	2016	2015	Change			
	(RMB million)	(RMB million)	(%)	2016	2015	
Middle East	247.7	286.3	-13.5%	62.9%	73.6%	
Americas	13.9	40.2	-65.4%	3.5%	10.3%	
Central Asia & Africa	132.3	62.5	111.7%	33.6%	16.1%	
Total	393.9	389.0	1.3%	100%	100%	

#### Major developments in overseas markets

- In the Middle East, the Group continued to win orders for large-scale projects such as comprehensive production operation service, order backlog grows continually, while the overall projects execution rate underperformed than expected and revenue recorded a decreased compared to last year. Under rapid growth of its international businesses, the Group's capital requirements for overseas operations increased. The Group introduced a strategic partner, China Oil HBP Science & Technology Co., Ltd. (華油惠博普科技股份有限公司) which has strong capability to serve EPC (engineering, procurement and construction) business in Iraq, by transferring to it 40% of the shares of the Group in the Iraq business in the first half of the year. Such partnership would channel capital support to the Group, as well as exert the synergistic effect to seek greater development through mutual cooperation. As at the end of June, the Group and the partner, referred to as "HBP-Anton Consortium", jointly entered into the "Strategic Cooperation Framework Agreement on Integrated Services for Oil and Gas Development and Construction" with Petro AP (Hong Kong) Company Limited (亞太石油(香港)有限公司), demonstrating the Group's enhanced integrated service capacities and competence established through such cooperation. In addition, the Group entered into new GCC (Gulf Cooperation Council) market and won well completion tool sales orders from United Arab Emirates.
- In the Americas, despite a massive contraction of the overall market and decrease in revenue, the Group achieved a breakthrough in new markets by launching its proprietary well completion tools to the market.
- In Central Asia and Africa, the Group seized the market opportunities under the "Belt and Road" Initiative. As a technical serviceprovider for the development of overseas oilfield blocks by Chinese investors, the Group explored new markets with increased orders and remarkable increase in revenue. In the first half of the year, the Group progressed its projects smoothly in Ethiopia and won more orders, including well completion tool and fracturing and acidizing services and chemical materials projects. The Group penetrated into the new market in Pakistan as it secured pilot projects from clients and is expected to gain more market share in future.

#### **Business Cluster Analysis**

In the first half of 2016, the Group's drilling technology cluster posted RMB209.3 million in revenue, the well completion cluster recorded revenue of RMB278.5 million, the revenue of oil production services cluster was RMB185.9 million. In terms of the share in the Group's revenue for the first half of 2016, the well completion cluster was the top contributor with a share of 41.3%, in the second place was the drilling technology cluster, accounting for 31.1% of the Group's revenue, the oil production services cluster accounted for 27.6% of the Group's revenue.

In the first half of 2016, owing to the grim situation in both the domestic and international markets, business of the Group was affected in varying degrees. The Group reclassified its product lines to focus on the ones with robust profitability and short cycle of capital occupation. The asset-light oil production service which comes from customer's relatively stable operating expenses grows steadily. In addition, the Group enhanced efforts in promoting technological innovation to increase profits of its product lines through technical upgrades, and help clients to achieve higher production with lower costs.



#### Revenue Breakdown by Cluster

	Six months end	led 30 June		As a percentage of total revenue		
	2016	2015	Change	Six months ended 30 June		
	(RMB million)	(RMB million) (RMB million)		2016	2015	
Drilling technology cluster	209.3	304.5	-31.3%	31.1%	35.3%	
Well completion cluster	278.5	377.9	-26.3%	41.3%	43.9%	
Oil production services cluster	185.9	179.1	3.8%	27.6%	20.8%	
Total	673.7	861.5	-21.8%	100.0%	100.0%	

#### **Drilling Technology Cluster**

In the first half of 2016, the drilling technology cluster posted RMB209.3 million in revenue, a decline of 31.3% from RMB304.5 million in 2015. The declining revenue of this cluster was mainly due to the decreased equipment utilization rate as a result of the shrink in the market and the decline in service price due to intensified market competition.

Business analysis of each product line under the drilling technology cluster:

- 1) Integrated service of oil and gas field development: The group had no project in progress due to the market environment. This product line booked no revenue in both the first half of 2016 and the same period of 2015.
- 2) Integrated drilling service: This product line saw a sharp decline in revenue due to market contraction and lower level of operations in the first half of 2016. During the reporting period, this product line booked RMB23.9 million in revenue, a decrease of 54.5% from RMB52.5 million for the same period of 2015. Nevertheless, cementing technology service performed well in the first half of 2016 as it entered the new market in Ethiopia, obtained stable workload and recorded revenue growth.
- 3) Directional drilling service: This product line saw market expansion in the first half of 2016. In Southwest China, the rotary geo-steering service developed jointly with Schlumberger progressed continually in the shale gas market. In Northeast China, the proprietary rotary geo-steering service grew steadily. In the overseas markets, this product line obtained stable workload in the Iraqi and Kazakhstan markets, whereas, the overall revenue decreased slightly as a result of a declined service price. During the reporting period, this product line booked RMB63.4 million in revenue, a decrease of 5.4% from RMB67.0 million for the same period of 2015.

- Drilling fluid service: This product line continued to record stable growth in revenue in the first half of 2016. For domestic market, in Southwest China, the Group's products and services were recognized in the shale gas market and orders continued to increase. In Xinjiang, the workload remained stable while service price decreased due to intensifying market competition. For overseas markets, the Ethiopia and Iraq market had stable workload. This product line booked RMB65.2 million in revenue, an increase of 13.4% from RMB57.5 million for the same period of 2015.
- 5) Land drilling service: This product line saw serious market contraction with reduced workload, low utilization rate of equipment and significant decreased revenue in the first half of 2016. However, the Group secured orders from emerging market client for an annual drilling service in Erdos, which expected to commence in the second half of 2016. During the reporting period, this product line booked RMB11.0 million in revenue, a decrease of 72.7% from RMB40.3 million for the same period of 2015.
- 6) Oilfield waste management service: This product line saw growth in the first half of 2016. Revenue in the domestic market was primarily derived from the shale gas market in Southwest China. Overseas, the Ethiopia market achieved breakthrough and secured continued workload. During the reporting period, this product line booked RMB8.3 million in revenue, an increase of 295.2% from RMB2.1 million for the same period of 2015.
- Drilling tool rental and technology service: This product line encountered sharp revenue decrease as influenced by the shrunk 7) utilization rate of drilling tool in the first half of 2016. During the reporting period, this product line booked RMB13.0 million in revenue, a decrease of 68.2% from RMB40.9 million for the same period of 2015.
- Oil and gas production facilities inspection and evaluation service: This product line had major presence in Xinjiang and Southwest China in the first half of 2016. Affected by contracting market, oil drilling tools inspection and tubular helium testing service both saw declined workload, and the revenue from this product line decreased significantly due to decreased service price in view of intensifying competition. During the reporting period, this product line booked RMB24.5 million in revenue, a decrease of 44.6% from RMB44.2 million for the same period of 2015.

EBITDA of the drilling technology cluster decreased 11.2% from RMB77.8 million for the same period of 2015 to RMB69.1 million in the first half of 2016. EBITDA margin for the first half of 2016 was 33.0%, an increase of 7.5 percentage points from 25.5% for the same period of 2015, mainly due to the effects of the Group's cost control and the rise of revenue from other product line that has high profit margin.

#### **Well Completion Cluster**

In the first half of 2016, the well completion cluster recorded RMB278.5 million in revenue, down 26.3% compared with RMB377.9 million in 2015, which was mainly caused by the decrease in workload.



Business analysis of each product line under the well completion cluster:

- 1) Well completion integration: In the first half of 2016, this product line saw overall decline in revenue due to decreased workload and intensified market competition. However, the Group successfully tried out its proprietary "Step-Port" well completion tool in two wells in Northern China market, which was well recognized by clients and expected to be promoted further in the market. For overseas markets, the Group completed delivery of well completion tools in Iran and its proprietary sand control tool entered the new market of Ecuador. During the reporting period, this product line recorded RMB123.0 million in revenue, down 20.2% from RMB154.1 million for the same period of 2015.
- 2) Pressure pumping service: This product line saw slump in revenue due to reduced workload and lower equipment utilization rate in the first half of 2016. During the reporting period, this product line recorded RMB40.0 million in revenue, down 38.8% from RMB65.4 million for the same period of 2015.
- 3) Coiled tubing service: In the first half of 2016, this product line recorded RMB89.2 million in revenue, down 31.1% from RMB129.4 million for the same period of 2015, due to the decrease in domestic workload and decline in service price. The Group continued to obtain orders for shale gas project in Sichuan Basin and the workload in Iraq remained stable.
- 4) Fracturing/acidizing technique and chemical materials: This product line saw rapid revenue growth benefiting from breakthrough made in the Ethiopia market in the first half of 2016. During the reporting period, this product line recorded RMB11.6 million in revenue, up 383.3% from RMB2.4 million for the same period of 2015.
- 5) Proppant: This product line suspended production in light of the current market conditions in the first half of 2016, pending for market recovery to restart. During the reporting period, this product line recorded no revenue, while a revenue of RMB15.6 million was recorded for the same period of 2015.
- 6) Gravel packing service: This product line saw revenue increase in the first half of 2016 as compared to that for the same period of 2015, and recorded RMB14.7 million in revenue during the reporting period, up 33.6% from RMB11.0 million for the same period of 2015.

EBITDA of the well completion cluster decreased by 29.3% from RMB122.2 million in the first half of 2015 to RMB86.4 million in the first half of 2016. EBITDA margin for the first half of 2016 was 31.0%, decrease by 1.3 percentage points from 32.3% for the same period of 2015.

#### Oil Production Services Cluster

In the first half of 2016, the Group continued to vigorously develop its oil production services cluster, which holds the stable growth in both Northwest China and Iraqi markets. The oil production services cluster recorded RMB185.9 million in revenue in the reporting period, up 3.8% from RMB179.1 million for the same period of 2015.

Business analysis of each product line under the oil production services cluster:

- Production operation services: This product line saw a large growth in revenue in the first half of 2016. In addition to progress 1) with annual service contracts, the Group won high-level endorsement from clients for its quality works in the Iraq market and its workload increased steadily. During the reporting period, this product line recorded RMB113.4 million in revenue, up 31.7% from RMB86.1 million for the same period of 2015.
- 2) Workover service: Domestically the Group's own workover team continued operations in the Xinjiang and maintained stable workload. Overseas, the Group's 1 unit of own workover team entered into the new market of Ethiopia and commenced work in that region, workload increasing steadily. During the reporting period, this product line recorded RMB56.7 million in revenue, up 12.1% from RMB50.6 million for the same period of 2015.
- 3) Oil tubing and casing and anti-corrosion technology: This product line saw reduced demand from clients and reduced service frequency as well as slump in revenue, as affected by the shrinkage of the Xinjiang market in the first half of 2016. During the reporting period, this product line recorded RMB15.8 million in revenue, down 62.7% from RMB42.4 million for the same period of 2015.

EBITDA for the oil production services cluster increased by 16.2% from RMB51.3 million for the same period of 2015 to RMB59.6 million in the first half of 2016. The EBITDA margin of the cluster for the first half of 2016 was 32.1%, an increase of 3.4 percentage points from 28.7% for the same period of 2015, which was mainly due to the increase in revenue from the product lines which have higher profit margin.

#### **Alignment of Strategic Resources**

In the first half of 2016, the Group maintained strict control over capital expenditure with focus on technological innovation to reduce cost and increase efficiency of products and services. In the first half of 2016, the Group made RMB111.8 million in capital expenditure, mostly related to payment for committed projects in previous years, a decrease of 33.3% compared with RMB167.7 million in the first half of 2015.



#### Alignment of Investment

In the first half of 2016, the Group's investments were mainly for providing alignment for coiled tubing projects in Iraq without any investment in major equipment.

#### Alignment of Research and Development Resource

In the first half of 2016, the Group engaged in the improvement and innovation of relevant technologies and tools based on actual needs and in light of the renewed customer focus on production stimulation and cost saving. In the first half of 2016, the Group invested RMB17.2 million in Research and Development, a growth of 87.0% than RMB9.2 million in 2015.

#### **Key Research and Development Pipelines**

- Research and deployment of oil-based drilling fluid technology
- Research on proprietary directional drilling tools
- Rotary liner hanger

#### Alignment of Human Resources

In terms of human resources, the Group continued to push ahead with workforce optimization and implemented redeployment of staff mix according to the requirements for business growth. Major redeployment in the first half of 2016 was as follows:

- Continued optimizing of workforce. Overall headcount hugely decreased by about 60% to below a number of 2,000 at 30 June
   2016 from its peak season in 2014, and the labour cost recorded a 24.3% decrease in the first half of 2016 comparing with the same period last year;
- Adjusted the compensation scheme and improved paid-leave system;
- Adhered to "International" talents development strategy and reconfigured the talent pool according to the Group's business needs.

#### **Major Development on Cost Discipline**

In the first half of 2016, the cost discipline measures of the Group showed remarkable results:

- Cost of raw materials and technical services decreased, mainly attributable to the enhancement of the control of internal
  procurement, rational usage of inventory and the improvement of efficiency by applying new technologies.
- Human resource overhead decreased, mainly attributable to the optimizing of workforce and adjustment of compensation scheme.
- Administrative Expenses decreased, mainly attributable to the strengthening of the budget-oriented cost control.

#### **OUTLOOK**

Looking ahead to the second half of 2016, the international oil price is expected to fluctuate continuously and it is difficult for the price to restore to a high level in the short term. However, the project execution progress is expected to accelerate significantly as compared to the first half of the year.

With respect to market strategy, domestically, the effect of the continuous and significant reduction of capex by major customers on the production volume started to emerge, further reduction is not expected to continue and the recovery in certain regional market would start to show. The Group will stick to its "unconventional" strategy and aim to further increase its market share by leveraging on its advantages in unconventional technologies and integrated services and focusing on opportunities in unconventional oil and gas projects, such as tight oil and gas, shale gas and coal-bed methane projects. Overseas, the Group will place particular emphasis on the traditional market with comparative advantage in the Middle East, and the opportunities created by the Chinese investors to develop the projects in the overseas investment blocks. In the Middle East, the exploration and development activities are expected to be continuously active. The Group will endeavors to further replace the market share of international service companies and seek more market opportunities by fully leveraging of the established competitive advantage, and the more excellent and integrated service capability by cooperating with the strategic partner. In the Middle Asia and Africa, the Group will continue to follow up the market opportunities resulting from the "Belt and Road" initiative advocated by the PRC and master the opportunity created by the Chinese investors to develop the projects in the overseas investment block so as to explore more market shares as a technology partner of the PRC companies in the overseas projects.



#### Management Discussion and Analysis

On project execution, the Group expects a remarkable rise in execution progress of the projects in the second half of the year. The oil production maintenance projects with a contracted scale of USD\$78.9 million in Iraq market the Group won previously have already successfully commenced work in the middle of July, and the fracturing service in Pakistan started in August. Besides, the Group has successively received customers' notice to commence work. Domestically, the integrated coal bed methane project with the contracted scale of RMB 100 million is expected to commence work in September, and the Group's 5 drilling rigs will start to execute projects in September successively. The integrated workover and well completion services which totaled USD 140 million in Southern Iraq and the fracturing service in Halfaya oilfield of Iraq with the contracted sum of RMB105 million are expected to commence work in November this year. The Group will be in full charge of the management of QHSE (quality, health, safety and environment) to ensure the construction quality of the project and to facilitate the implementation of the orders with high efficiency.

On product, the Group will focus on reservoir development in terms of product and technology development and centre around the customer's demand of "reduce cost while lift production" to fully strengthen technical innovation and enhance the profitability of product and technology. Meanwhile, in the atmosphere of technology promotion initiated by the Group, the Group will intensify its efforts in technology improvement to maximize the superior technical benefit. During the second half of the year, the Group expects to launch a series of tools for well completion and fracturing with its own patents.

On human resource, the Group will promote the development of "international" talents and reasonably match professionals in accordance with its business development. In addition, the Group will continue to fully control its labor cost.

On capital, the Group will adhere to the principle of increasing cash inflows and saving expenses, reducing cost and enhancing efficiency, as well as optimal management, strictly controls costs and expenses with a focus on budget management to enhance the efficiency of capital management. Meanwhile, the Group will stringently control the debt ratio indicator, adjust debt structure and reduce financial expenses. In the second half of the year, the Group had finished the repayment of matured RMB200.0 million medium-term notes in August. The Group will further explore the financing channels to ensure the safety of cash flow.

On the whole, the Group has laid down a more solid foundation for future development after previous overall adjustments. Currently, the Group has sufficient orders on hand and is well-prepared for resuming rapid growth in revenue upon the recovery of the market. Meanwhile, the Group's operating cost has been reduced sharply and profitability has been improved significantly by implementing comprehensive cost saving and productivity improving measures. Based on the above, the Group will continue to adopt an internationalization approach and further expand its market coverage in those global regions where the PRC companies have systematic advantages and at the same time, strictly control cost and promotes "international" talents and optimize the configuration of talent pool according to business development needs. In addition, the Group will further enhance proprietary technology innovation and improve technology profitability as well as an intensified financial cost control and enhance internal management, aiming to be well-positioned for the market recovery.

#### **FINANCIAL REVIEW**

#### Revenue

The Group's revenue in the first half of 2016 amounted to RMB 673.7 million, representing a decrease of RMB187.8 million or 21.8% as compared to RMB 861.5 million in the same period of 2015. The decrease in the Group's revenue was mainly attributable to the decline of revenue in the domestic market caused by the shrinked markets, intensified competition and delay of certain projects affected by the low oil price and domestic oil company's cut of capex expenditures.

#### **Costs of Sales**

The costs of sales dropped 20.1% from RMB 625.0 million in the first half of 2015 to RMB499.6 million in the first half of 2016. The decrease was mainly attributable to lower revenue.

#### **Other Gains**

Other gains increased from RMB 13.8 million in the first half of 2015 to RMB 65.5 million in the first half of 2016, mainly attributable to the disposal of the Group's subsidiaries.

#### Selling Expenses

The selling expenses in the first half of 2016 amounted to RMB49.9 million, representing a decrease of RMB22.1 million or 30.7% as compared to RMB72.0 million in the first half of 2015. This was mainly attributable to therapid rightsizing and adjustment of human resources and strengthening of cost control in the harsh market environment.

#### **Administrative Expenses**

The administrative expenses in the first half of 2016 amounted to RMB123.6 million, representing a decrease of RMB5.5 million or 4.3% as compared to RMB129.1 million in the same period of 2015. This was mainly attributable to the rightsizing and adjustment of human resources and strengthening of cost control.

#### **Research and Development Expenses**

The research and development expenses in the first half of 2016 amounted to RMB17.2 million, representing an increase of RMB8.0 million or 87.0% as compared to RMB9.2 million in the same period of 2015. This was mainly attributable to the Group's increased investment on research and development for the strengthening of technology innovation.



#### Sales Tax and Surcharges

The sales tax and surcharge in the first half of 2016 amounted to RMB4.0 million, representing a decrease of RMB3.6 million or 47.4% as compared to RMB7.6 million in the same period of 2015.

#### **Operating Profit**

As a result of the foregoing, the operating profit of the Group in the first half of 2016 amounted to RMB44.8 million, representing an increase of RMB12.3 million or 37.8% as compared to RMB32.5 million in the same period of 2015. The operating profit margin for the first half of 2016 was 6.6%, representing an increase of 2.8 percentage points from 3.8% in 2015.

#### **Finance Costs (Net)**

Net finance costs in the first half of 2016 was RMB83.1 million, a decrease of approximately RMB12.0 million as compared to RMB95.1 million in the same period of 2015. The decrease was mainly due to the decrease of long-term bonds led by the Group's repayment of RMB300.0 million medium-term notes in May 2015.

#### **Income Tax Expense**

The income tax expense in the first half of 2016 amounted to RMB27.0 million, representing an increase of RMB14.6 million from RMB12.4 million in the same period of 2015.

#### Loss for the First Half of 2016

As a result of the foregoing, the Group's loss for the first half of 2016 was RMB65.3 million, representing a decrease of RMB10.8 million, or 14.2%, from RMB76.1 million in the same period of 2015.

#### Loss Attributable to Equity Holders of the Company

The Group's loss attributable to equity holders of the Company in the first of 2016 amounted to RMB65.0 million, representing a decrease of RMB8.8 million as compared with the same period of 2015.

#### **Trade and Notes Receivables**

As at 30 June 2016, the Group's net trade and notes receivables were RMB1,292.3 million, representing an increase of RMB7.9 million as compared to 31 December of 2015. The average trade receivables turnover days (excluding quality guarantee deposits and other deposits) in the first half of 2016 were 309 days, representing an increase of 35 days as compared to the same period of 2015. This was mainly attributable to the decline of the Group's revenue.

#### Inventory

As at 30 June 2016, the Group's inventory was RMB788.0 million, representing a decrease of RMB46.2 million as compared to 31 December 2015.

#### LIQUIDITY AND CAPITAL RESOURCES

As at 30 June 2016, the Group's cash and bank deposits amounted to approximately RMB420.3 million (including: restricted bank deposits, term deposits with initial terms of over three months, cash and cash equivalents), representing a decrease of RMB207.1 million as compared to 31 December 2015.

As at 30 June 2016, the Group's outstanding short-term bank loans amounted to RMB441.7 million. Credit bank facilities granted to the Group amounted to RMB527.0 million, of which approximately RMB85.3 million were not used.

As at 30 June 2016, the gearing ratio of the Group was 61.1%, representing an increase of 0.3 percentage points as compared with the gearing ratio of 60.8% as at 31 December 2015. The gearing ratio is calculated as total borrowings divided by total capital. Total borrowings include borrowings, bonds and trade and notes payables, as shown in the consolidated balance sheet. Total capital is calculated as equity, as shown in the consolidated balance sheet, plus total borrowings.

The equity attributable to equity holders of the Company decreased from RMB1,894.0 million as at 31 December 2015 to RMB1,789.9 million as at 30 June 2016.

#### **ACQUISITIONS AND DISPOSALS OF SUBSIDIARIES, ASSOCIATES AND JOINT VENTURES**

On 28 April 2016, Anton Oilfield Services (Group) Co., Ltd. ("Anton Oil"), a wholly-owned subsidiary of the Group, entered into the Framework Agreement with Ningbo Hengxin Runcheng Investment LP (寧波恒信潤成投資合夥企業(有限合夥)), pursuant to which Anton Oil agreed to sell 80% interest in 新疆通奥油田技術服務有限公司 (Xinjiang Tong'Ao Oilfield Services Co., Ltd.), to the purchaser for RMB160 million. The transaction is still pending for the two parties' negotiation as at the date of this report.

On 16 May 2016, the Company, Anton International Services Company Limited, a wholly owned subsidiary of the Company and Anton Oilfield Services DMCC ("DMCC"), an indirect wholly-owned subsidiary of the Company entered into an agreement with Hong Kong Huihua Global Technology Limited (香港惠華環球科技有限公司) and 華油惠博普科技股份有限公司(China Oil HBP Science & Technology Co., Ltd.) pursuant to which the Company will through the transferring of 40% of the issued share capital of DMCC introduce a joint venture partner for the Iraqi business. The agreement and the transactions contemplated thereunder have been approved by the shareholders of the Company at the extraordinary general meeting of the Company held on 26 July 2016. For more details, please refer to the announcements dated 16 May 2016 and 26 July 2016 and the circular dated 11 July 2016 of the Company.



#### **EXCHANGE RISK**

The Group conducts its business mainly in RMB. Some imported and exported goods require to be settled in foreign currencies. The Group believes that the exchange risk involved in the settlement amounts being denominated in foreign currencies is insignificant. The exchange risk of the Group mainly arises from its foreign currency deposits and trade receivables denominated in foreign currencies. Any fluctuations in RMB exchange rate against the US dollar may have a negative impact on the Group's operating results and financial position.

#### **CASH FLOW FROM OPERATING ACTIVITIES**

For the six months ended 30 June 2016, net cash outflow from operating activities of the Group amounted to RMB153.1 million, representing an increase of RMB120.6 million compared to the same period of 2015.

#### CAPITAL EXPENDITURE AND INVESTMENT

The Group's capital expenditure for the first half of 2016 was RMB111.8 million, of which, investments in fixed assets were RMB106.5 million, investments in intangible assets (including land use rights) were RMB5.2 million. The Group's net capital expenditure was RMB34.8 million, which included an RMB77.0 million recouping investments capital.

#### **CONTRACTUAL LIABILITY**

The Group's contractual commitments mainly consist of payment obligations under the Group's operating lease arrangements and capital commitments. The Group leases offices and certain equipment and machinery through operating leases. As at 30 June 2016, the Group's operating lease commitments amounted to approximately RMB42.1 million. As at the balance sheet date (30 June 2016), the Group had capital commitments of approximately RMB29.9 million (but not yet provided for in the balance sheet).

#### **CONTINGENT LIABILITIES**

As at 30 June 2016, the Group had no material contingent liabilities or guarantees.

#### **PLEDGE OF ASSETS**

As at 30 June 2016, the Group's pledge of assets including property, plant and equipment with a net book value of RMB411.4 million, land use rights with a net book value of RMB11.1 million and notes receivable with a net book value of RMB96.1 million.

#### **OFF-BALANCE SHEET ARRANGEMENTS**

As at 30 June 2016, the Group had made no off-balance sheet arrangements.



### OTHER INFORMATION

#### **INTERIM DIVIDEND**

The board of directors (the "Board") of the Company did not recommend the payment of an interim dividend for the six months ended 30 June 2016 (For the six months ended 30 June 2015: nil).

#### PURCHASE, SALE OR REDEMPTION OF THE COMPANY'S LISTED SECURITIES

The Company repurchased a total 4,926,000 shares during the six months ended 30 June 2016 (For the six months ended 30 June 2015: nil) on the Stock Exchange at an aggregate consideration of approximately HK\$3,064,120 (before expenses). All the repurchased shares were subsequently cancelled. Particulars of the repurchases were as follows:

	Number of ordinary shares	Purchas share	•	Aggregate Consideration Paid (before
Month of the repurchases	repurchased	Highest	Lowest	expenses)
		HK\$	HK\$	HK\$
January 2016	4,926,000	0.63	0.62	3,064,120
Total	4,926,000			3,064,120

Save as disclosed above, neither the Company nor any of its subsidiaries has purchased, sold or redeemed any of the Company's listed securities for the six months ended 30 June 2016.

## DIRECTORS' AND CHIEF EXECUTIVE'S INTERESTS AND SHORT POSITIONS IN SHARES, UNDERLYING SHARES AND DEBENTURES OF THE COMPANY AND ITS ASSOCIATED CORPORATION

As at 30 June 2016, the interests and short positions of the directors (the "Directors") and chief executive of the Company in the shares, underlying shares and debentures of the Company and its associated corporations (within the meaning of Part XV of the Securities and Futures Ordinance (the "SFO")) as recorded in the register required to be kept by the Company under Section 352 of the SFO or otherwise notified to the Company and The Stock Exchange of Hong Kong Limited (the "Stock Exchange") pursuant to the Model Code for Securities Transaction by Directors of Listed Issuers (the "Model Code") contained in Appendix 10 to the Rules Governing the Listing of Securities on the Stock Exchange (the "Listing Rules") were as follows:

#### (i) Long positions in ordinary shares of HK\$0.10 each:

			Number of	<b>Approximate</b>
			ordinary	percentage of
Name of Director	Note	Capacity	shares	shareholdings
Luo Lin	1	Founder of a discretionary trust and beneficial owner	717,012,818	32.35%
Mana Minanai			FF0 000	0.000/
Wang Mingcai		Beneficial owner	550,000	0.02%
Zhang Yongyi		Beneficial owner	440,000	0.02%
Pi Zhifeng		Beneficial owner	448,000	0.02%
Note:				

<sup>1.</sup> Mr. Luo Lin is the founder of the Loles Trust, which is indirectly interested in the entire issued share capital of Pro Development Holdings Corp., which in turn is interested in 707,958,150 shares of the Company. Mr. Luo Lin and his family members are the beneficiaries of the Loles Trust. Mr. Luo Lin also holds 9,054,668 shares of the Company in the capacity of a beneficial owner.



## DIRECTORS' AND CHIEF EXECUTIVE'S INTERESTS AND SHORT POSITIONS IN SHARES, UNDERLYING SHARES AND DEBENTURES OF THE COMPANY AND ITS ASSOCIATED CORPORATION (CONTINUED)

#### (ii) Long positions in underlying shares of share options:

The Directors have been granted share options under the Company's share option scheme, details of which are set out in "Share Option Scheme" below.

Save as disclosed above, at no time during the six months ended 30 June 2016, the Directors and chief executive (including their spouses and children under the age of 18 years) had any interests in, or had been granted, or exercised, any rights to subscribe for shares of the Company and its associated corporations required to be disclosed pursuant to the SFO or otherwise notified to the Company and the Stock Exchange pursuant to the Model Code.

#### **SHARE OPTION SCHEME**

As at 30 June 2016, the Directors individually and other employees in aggregate of the Company had the following interests in options to subscribe for shares of the Company under the Share Option Scheme, which was conditionally adopted on 17 November 2007 and its terms were amended on 27 May 2010 (the "Share Option Scheme"). Each option gives the holder the right to subscribe for one ordinary share of the Company of HK\$0.10 each.

Grantees	Date of grant of share options	Exercise period of share options	Exercise price per share HK\$	Notes	Number of share options as at 1 January 2016	Number of share options granted during the period	Number of share options exercised during the period	Number of share options cancelled during the period	Number of share options lapsed during the period	Number of share options as at 30 June 2016
Directors										
Zhang Yongyi	10 January 2013	10 January 2014 to 9 January 2016	3.878	2,11	500,000	_	_	_	500,000	_
	12 May 2014	12 May 2015 to 11 May 2020	5.200	5,16	244,000	_	_	244,000	_	_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	5,17	480,000	_	_	480,000	_	_
	01 April 2016	01 April 2017 to 31 March 2022	0.800	5,19		900,000	_	_		900,000
				Subtotal:	1,224,000	900,000	_	724,000	500,000	900,000
Zhu Xiaoping	10 January 2013	10 January 2014 to 9 January 2016	3.878	2,11	500,000	_	_	_	500,000	_
	12 May 2014	12 May 2015 to 11 May 2020	5.200	5,16	244,000	_	_	244,000	_	_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	5,17	480,000	_	_	480,000	_	_
	01 April 2016	01 April 2017 to 31 March 2022	0.800	5,19		900,000	_	_		900,000
				Subtotal:	1,224,000	900,000	_	724,000	500,000	900,000

#### SHARE OPTION SCHEME (CONTINUED)

Grantees	Date of grant of share options	Exercise period of share options	Exercise price per share HK\$	Notes	Number of share options as at 1 January 2016	Number of share options granted during the period	Number of share options exercised during the period	Number of share options cancelled during the period	Number of share options lapsed during the period	Number of share options as at 30 June 2016
Wang Mingcai	10 January 2013	10 January 2014 to 9 January 2016	3.878	2,11	250,000	<u> </u>	_	_	250,000	_
0 0	12 May 2014	12 May 2015 to 11 May 2020	5.200	5,16	244,000	_	_	244,000		_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	5,17	480,000	_	_	480,000	_	_
	01 April 2016	01 April 2017 to 31 March 2022	0.800	5,19		900,000				900,000
				Subtotal:	974,000	900,000	_	724,000	250,000	900,000
Luo Lin	19 January 2012	19 January 2013 to 18 January 2016	1.072	1,6	66,667	_	_	_	66,667	_
	18 June 2012	18 June 2013 to 17 June 2016	1.160	1,8	1,266,667	_	_	_	1,266,667	_
	10 January 2013	10 January 2014 to 9 January 2017	3.878	1,11	86,667	_	_	_	_	86,667
	21 June 2013	21 June 2014 to 20 June 2019	5.742	4,12	796,000	_	_	_	_	796,000
	12 May 2014	12 May 2015 to 11 May 2020	5.200	4,16	80,000	_	_	80,000	_	_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	4,17	2,100,000			2,100,000		
				Subtotal:	4,396,001	_	_	2,180,000	1,333,334	882,667
Wu Di	19 January 2012	19 January 2013 to 18 January 2016	1.072	1,6	300,000	_	_	_	300,000	_
	18 June 2012	18 June 2013 to 17 June 2016	1.160	1,8	68,000	_	_	_	68,000	_
	10 January 2013	10 January 2014 to 9 January 2017	3.878	1,11	400,000	_	_	_	_	400,000
	12 May 2014	12 May 2015 to 11 May 2020	5.200	4,16	434,000	_	_	434,000	_	_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	4,17	860,000	_	_	860,000	_	_
	01 April 2016	01 April 2017 to 31 March 2022	0.800	4,19		1,500,000				1,500,000
				Subtotal:	2,062,000	1,500,000	_	1,294,000	368,000	1,900,000
Pi Zhifeng	19 January 2012	19 January 2013 to 18 January 2016	1.072	1,6	470,000	_	_	_	470,000	_
	10 January 2013	10 January 2014 to 9 January 2017	3.878	1,11	1,000,000	_	_	_	_	1,000,000
	12 May 2014	12 May 2015 to 11 May 2020	5.200	4,16	704,000	_	_	704,000	_	_
	24 April 2015	24 April 2016 to 23 April 2021	1.820	4,17	1,400,000		_	1,400,000	_	_
	01 April 2016	01 April 2017 to 31 March 2022	0.800	4,19		3,000,000		_	_	3,000,000
				Subtotal:	3,574,000	3,000,000	_	2,104,000	470,000	4,000,000



#### SHARE OPTION SCHEME (CONTINUED)

Grantees	Date of grant of share options	Exercise period of share options	Exercise price per share HK\$	Notes	Number of share options as at 1 January 2016	Number of share options granted during the period	Number of share options exercised during the period	Number of share options cancelled during the period	Number of share options lapsed during the period	Number of share options as at 30 June 2016
Employees in	19 January 2012	19 January 2013 to 18 January 2016	1.072	1,6	11,284,310	_	_	_	11,284,310	_
aggregate	16 April 2012	16 April 2013 to 15 April 2016	1.240	3,7	2,520,000	_		_	2,520,000	_
	18 June 2012	18 June 2013 to 17 June 2016	1.160	3,8	33,334	_	_	_	33,334	_
	22 November 2012	22 November 2013 to 21 November 2016	2.610	3,9	4,000,000	_	_	_	_	4,000,000
	28 December 2012	28 December 2013 to 27 December 2016	3.820	1,10	82,800	_	_	_	82,800	_
	10 January 2013	10 January 2014 to 9 January 2017	3.878	1,11	19,998,981	_	_	_	2,152,199	17,846,782
	21 June 2013	21 June 2014 to 20 June 2019	5.742	4,12	500,000	_	_	_	20,000	480,000
	28 June 2013	28 June 2014 to 27 June 2019	5.600	4,13	298,000	_	_	_	_	298,000
	16 August 2013	16 August 2014 to 15 August 2019	5.570	4,14	54,000	_	_	_	54,000	_
	20 November 2013	20 November 2014 to 19 November 2019	4.960	4,15	190,000	_	_	-	-	190,000
	24 February 2016	24 February 2017 to 23 February 2022	0.740	4,18		112,800,000	_		520,000	112,280,000
				Subtotal:	38,961,425	112,800,000	_	_	16,666,643	135,094,782
				Total:	52,415,426	120,000,000	_	7,750,000	20,087,977	144,577,449

#### Notes:

- 1. The option period for the share options granted above commences on the date of grant and ends on the last day of forty-eight months counting respectively from the said date. The grantees are vested with, and entitled to exercise up to one-third of their share options during the option period commencing from each of the first, second and third anniversary of the date of grant.
- 2. The option period for the share options granted above commences on the date of grant and ends on the last day of thirty-six months counting respectively from the said date. The grantees are vested with, and entitled to exercise up to 50% of their share options during the option period commencing from each of the first and second anniversary of the date of grant.
- 3. The grantee may not exercise the options to subscribe for shares until after twelve months from the date of grant. If the grantee has worked for less than twelve months, all options of the grantee will lapse automatically and will no longer be exercisable. If the grantee has worked for thirty-six months or above, the grantee can exercise all options. If the grantee has worked for twelve months or above but less than thirty-six months, the number of effective options which the grantee actually obtains is "the number of options granted X the number of working quarters of the grantee/12 (only the number of full quarters is counted)". The remaining options will lapse automatically. All options are entitled to be exercised before the fourth anniversary of the date of grant.

#### SHARE OPTION SCHEME (CONTINUED)

Notes: (CONTINUED)

- The option period for the share options granted above commences on the date of grant and ends on the last day of seventy-two months counting respectively from the said date. The grantees are vested with, and entitled to exercise up to one-third of their share options during the option period commencing from each of the first, second and third anniversary of the date of grant.
- The option period for the share options granted above commences on the date of grant and ends on the last day of seventy-two months counting respectively from the said date. The grantees are vested with, and entitled to exercise up to 50% of their share options during the option period commencing from each of the first and second anniversary of the date of grant.
- 6. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$1.08.\*
- 7. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$1.28.\*
- 8. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$1.16.\*
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$2.60.\* 9.
- 10. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$3.70.\*
- 11. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$3.54.\*
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$5.73.\* 12.
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$5.47.\* 13.
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$5.63.\* 14.
- 15. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$4.99.\*
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$5.10.\* 16.
- 17. The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$1.73.\*
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$0.77.\* 18.
- The closing price of the Company's shares listed on the Stock Exchange immediately before the date on which the options were granted was HK\$0.81.\* 19.
- Source from Bloomberg



### SUBSTANTIAL SHAREHOLDERS' INTERESTS AND SHORT POSITIONS IN THE SHARES AND UNDERLYING SHARES OF THE COMPANY

As at 30 June 2016, so far was known to any Director or the chief executive, the substantial shareholders, other than the Directors or the chief executive of the Company, who had an interest or short position in the shares or the underlying shares of the Company as recorded in the register required to be kept by the Company pursuant to Section 336 of the SFO were as follows:

Long positions in the shares or underlying shares of the Company:

				<b>Approximate</b>
			Number of	percentage of
Name of substantial shareholder	Note	Capacity	ordinary shares	shareholding
Credit Suisse Trust Limited	1	Trustee	707,958,150	31.94%
Seletar Limited	1	Trustee	707,958,150	31.94%
Serangoon Limited	1	Trustee	707,958,150	31.94%
Avalon Assets Limited	1	Trustee	707,958,150	31.94%
Pro Development Holdings Corp.	1	Beneficial owner	707,958,150	31.94%
Schlumberger NV	2	Interest of controlled corporation	423,361,944	19.10%

#### Notes:

- 1. The 707,958,150 shares referred to the same batch of shares.
- Schlumberger Far East, Inc. directly holds 423,361,944 shares of the Company. Schlumberger Far East, Inc. is a wholly-owned subsidiary of Schlumberger Holding Limited. Schlumberger Holding Limited is a wholly-owned subsidiary of Schlumberger Oilfield Holding Limited. Schlumberger Oilfield Holding Limited is a wholly-owned subsidiary of Schlumberger NV.

Save as disclosed above, as at 30 June 2016, so far was known to the Directors, no other persons (other than the Directors or chief executive of the Company) had an interest or short position in the shares and underlying shares of the Company which would fall to be disclosed to the Company and the Stock Exchange under the provisions of Divisions 2 and 3 of Part XV of the SFO or as recorded in the register required to be kept by the Company under Section 336 of the SFO.

#### **DIRECTORS' SECURITIES TRANSACTIONS**

The Directors have adopted the Model Code as set out in Appendix 10 to the Listing Rules as the code of practice for carrying out securities transactions by the Directors. After specific enquiry with all members of the Board, the Company confirms that all Directors have fully complied with the relevant standards stipulated in the Model Code during the reporting period.

### CHANGE IN INFORMATION REGARDING THE DIRECTORS AND CHIEF EXECUTIVES ACCORDING TO RULE 13.51B(1) OF THE LISTING RULES

There has been no change in the information regarding the Directors and Chief Executives of the Company since the date of the Company's 2015 annual report.

#### **CORPORATE GOVERNANCE**

The Company has complied with all the code provisions set out in the Corporate Governance Code (the "CG Code") under Appendix 14 to the Listing Rules during the six months ended 30 June 2016, except for the following deviation:

Code provision A.2.1 of the CG Code stipulates that the roles of Chairman and Chief Executive Officer of a company should be separate and should not be performed by the same individual. During the period from 1 January 2016 to 3 February 2016, the Company did not separate the roles of Chairman and Chief Executive Officer, with Mr. Luo Lin ('Mr. LUO') having served as both Chairman and Chief Executive Officer of the Company.

From 4 February 2016, Mr. Pi Zhifeng ('Mr. Pi') has been appointed as the Chief Executive Officer and Mr. Luo only serve as the Chairman of the Company. As the Chairman of the Board of the Group, Mr. LUO will continue to provide leadership for the Board of the Group to ensure that it performs its responsibilities and provide decision and supervision on development strategies, operational plans, financial control and human resources management of the Company; and Mr. Pl will be specifically responsible for the day-to-day management of the Group. With the roles of Chairman and Chief Executive Officer served by two individuals, the Company has been in compliance with Code Provision A.2.1 from 4 February 2016.

#### **AUDIT COMMITTEE**

Pursuant to the requirements of the CG Code and the Listing Rules, the Company has established an audit committee (the "Audit Committee") comprising all three incumbent Independent Non-executive Directors, namely, Mr. Zhu Xiaoping (Chairman of the Audit Committee), Mr. Zhang Yongyi and Mr. Wang Mingcai. The Audit Committee has reviewed the unaudited interim financial statements of the Group for the six months ended 30 June 2016.

By Order of the Board

Anton Oilfield Services Group

Luo Lin

Chairman

Hong Kong, 28 August 2016



# REPORT ON REVIEW OF CONDENSED CONSOLIDATED INTERIM FINANCIAL INFORMATION



羅兵咸永道

## REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION TO THE BOARD OF DIRECTORS OF ANTON OILFIELD SERVICES GROUP

(incorporated in the Cayman Islands with limited liability)

#### INTRODUCTION

We have reviewed the interim financial information set out on pages 32 to 68, which comprises the interim condensed consolidated balance sheet of Anton Oilfield Services Group (the "Company") and its subsidiaries (together, the "Group") as at 30 June 2016 and the related interim condensed consolidated statements of income, comprehensive income, changes in equity and cash flows for the six-month period then ended, and a summary of significant accounting policies and other explanatory notes. The Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited require the preparation of a report on interim financial information to be in compliance with the relevant provisions thereof and International Accounting Standard 34 "Interim Financial Reporting". The directors of the Company are responsible for the preparation and presentation of this interim financial information in accordance with International Accounting Standard 34 "Interim Financial Reporting". Our responsibility is to express a conclusion on this interim financial information based on our review and to report our conclusion solely to you, as a body, in accordance with our agreed terms of engagement and for no other purpose. We do not assume responsibility towards or accept liability to any other person for the contents of this report.

#### **SCOPE OF REVIEW**

We conducted our review in accordance with International Standard on Review Engagements 2410, "Review of Interim Financial Information Performed by the Independent Auditor of the Entity". A review of interim financial information consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit conducted in accordance with International Standards on Auditing and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

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羅兵咸永道

#### REPORT ON REVIEW OF INTERIM FINANCIAL INFORMATION TO THE BOARD OF DIRECTORS OF ANTON OILFIELD SERVICES GROUP (CONTINUED)

(incorporated in the Cayman Islands with limited liability)

#### CONCLUSION

Based on our review, nothing has come to our attention that causes us to believe that the interim financial information is not prepared, in all material respects, in accordance with International Accounting Standard 34 "Interim Financial Reporting".

#### **PricewaterhouseCoopers**

Certified Public Accountants

Hong Kong, 28 August 2016

### CONDENSED CONSOLIDATED INTERIM BALANCE SHEET

As at 30 June 2016 (Amounts expressed in thousands of RMB)

			As at 31 December 2015
		As at	
		30 June 2016	
	Note	(Unaudited)	(Audited)
ASSETS			
Non-current assets			
Property, plant and equipment	7	2,236,821	2,355,538
Land use rights	8	48,539	59,893
Intangible assets	9	386,086	379,538
Investments in joint ventures	10	_	4,000
Prepayments and other receivables	15	132,524	132,693
Other non-current assets	11	63,000	67,255
Deferred income tax assets	12	56,614	64,659
		2,923,584	3,063,576
Current assets			
Inventories	13	787,964	834,223
Trade and notes receivables	14	1,292,278	1,284,354
Prepayments and other receivables	15	394,933	373,603
Restricted bank deposits	16	202,377	158,246
Term deposits with initial terms of over three months	16	11,000	11,000
Cash and cash equivalents	16	206,972	458,158
		2,895,524	3,119,584
Total assets		5,819,108	6,183,160
EQUITY			
Equity attributable to the equity holders of the Company			
Share capital	17	207,213	207,629
Reserves		1,582,724	1,686,397
		1,789,937	1,894,026
Non-controlling interests		65,338	65,586
Total equity		1,855,275	1,959,612

#### Condensed Consolidated Interim Balance Sheet (Continued)

As at 30 June 2016 (Amounts expressed in thousands of RMB)

		As at	As at
		30 June 2016	31 December 2015
	Note	(Unaudited)	(Audited)
LIABILITIES			
Non-current liabilities			
Long-term borrowings	19	122,112	_
Long-term bonds	18	1,622,882	1,584,635
Deferred income tax liabilities	12	4,388	4,375
		1,749,382	1,589,010
Current liabilities			
Short-term borrowings	19	441,650	675,000
Current portion of long-term borrowings	19	60,288	_
Current portion of long-term bonds	18	199,920	199,514
Trade and notes payables	20	467,949	580,348
Accruals and other payables	21	1,005,291	1,154,958
Current income tax liabilities		39,353	24,718
		2,214,451	2,634,538
Total liabilities		3,963,833	4,223,548
Total equity and liabilities		5,819,108	6,183,160

The condensed consolidated interim financial information on page 32 to 68 were approved by the Board of Directors on 28 August 2016 and were signed on its behalf.

> Luo Lin Pi Zhifeng Chairman Executive Director

The notes on page 38 to 68 form an integral part of this condensed consolidated interim financial information.



### CONDENSED CONSOLIDATED INTERIM INCOME STATEMENT

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB except per share data)

#### Six months ended 30 June 2016 2015 Note (Unaudited) (Unaudited) 22 Revenue 673,703 861.540 23 Cost of sales (499,599)(624,981)174,104 **Gross profit** 236,559 Other gains, net 24 65,455 13,835 Selling expenses 23 (49,944)(72,031)23 Administrative expenses (123,571)(129,078)Research and development expenses 23 (17,231)(9,237)23 Sales tax and surcharges (4,023)(7,574)Operating profit 44,790 32,474 Interest income 737 3,514 Finance expenses (83,851)(98,632)Finance costs, net 25 (83,114)(95,118)Share of loss of joint ventures (1,042)(38, 324)(63,686)Loss before income tax Income tax expense 26 (26,960)(12,403)Loss for the period (65, 284)(76,089)Loss attributable to: Equity holders of the Company (65,036)(73,786)Non-controlling interests (248)(2,303)(65, 284)(76,089)Loss per share for loss attributable to the equity holders of the Company (expressed in RMB per share) - basic 27 (0.0294)(0.0333)

27

(0.0294)

(0.0333)

The notes on page 38 to 68 form an integral part of this condensed consolidated interim financial information.

- diluted

### CONDENSED CONSOLIDATED INTERIM STATEMENT OF COMPREHENSIVE INCOME

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB)

#### Six months ended 30 June

	2016	2015
	(Unaudited)	(Unaudited)
Loss for the period	(65,284)	(76,089)
Other comprehensive income, net of tax:	, , ,	
Items that may be reclassified to profit or loss		
Net investment hedge	(23,377)	_
Currency translation differences	7,534	(1,104)
Other comprehensive income for the period, net of tax	(15,843)	(1,104)
Total comprehensive income for the period	(81,127)	(77,193)
Total comprehensive income attributable to:		
Equity holders of the Company	(80,879)	(74,890)
Non-controlling interests	(248)	(2,303)
	(81,127)	(77,193)

The notes on page 38 to 68 form an integral part of this condensed consolidated interim financial information.



# CONDENSED CONSOLIDATED INTERIM STATEMENT OF CHANGES IN EQUITY

For the six Months ended 30 June 2016 (Amounts expressed in thousands of RMB)

					4	
Attributable	to the	equity	holders	of the	Company	

		Attributable to the equity holders of the Company								
	Note	Share capital	Share premium	Capital reserve	Statutory reserve	Retained earnings	Other reserves	Total	Non- controlling interests	Total Equity
Balance at 1 January 2016 (Audited)		207,629	460,903	390,368	77,756	772,091	(14,721)	1,894,026	65,586	1,959,612
Loss for the period		_	_	_	_	(65,036)	_	(65,036)	(248)	(65,284)
Other comprehensive loss:										
- Net investment hedge		_	_	_	_	_	(23,377)	(23,377)	_	(23,377)
- Currency translation differences		_	_	_	_	_	7,534	7,534	_	7,534
Total comprehensive loss		_	_	_	_	(65,036)	(15,843)	(80,879)	(248)	(81,127)
Total transactions with owners,										
recognised directly in equity:										
Share option scheme	17(b)	_	_	7,245	_	_	_	7,245	_	7,245
Disposal of subsidiaries	24(a)	_	_	(27,061)	(856)	_	_	(27,917)	_	(27,917)
Repurchase and cancellation of shares	17(a)	(416)	(2,122)	_	_	-	_	(2,538)		(2,538)
Total transactions with owners, recognised directly in equity		(416)	(2,122)	(19,816)	(856)	-	_	(23,210)	_	(23,210)
Balance at 30 June 2016 (Unaudited)		207,213	458,781	370,552	76,900	707,055	(30,564)	1,789,937	65,338	1,855,275

			Attributable to the equity holders of the Company							
	Note	Share capital	Share premium	Capital reserve	Statutory reserve	Retained earnings	Other reserves	Total	Non- controlling interests	Total Equity
Balance at 1 January 2015 (Audited)		206,879	448,921	379,159	77,756	966,822	(25,646)	2,053,891	94,865	2,148,756
Loss for the period		_	_	_	_	(73,786)	_	(73,786)	(2,303)	(76,089)
Other comprehensive loss:										
- Currency translation differences		_	_	_	_	_	(1,104)	(1,104)		(1,104)
Total comprehensive income		_	_	_	_	(73,786)	(1,104)	(74,890)	(2,303)	(77,193)
Total transactions with owners,										
recognised directly in equity:										
Share option scheme	17(b)	_	_	13,046	_	_	_	13,046	_	13,046
Share option exercised	17(a)	750	18,107	(9,487)	_	_	_	9,370	_	9,370
Dividends	28	_	_	_	_	_			(11,250)	(11,250)
Total transactions with owners,										
recognised directly in equity		750	18,107	3,559		_	_	22,416	(11,250)	11,166
Balance at 30 June 2015 (Unaudited)		207,629	467,028	382,718	77,756	893,036	(26,750)	2,001,417	81,312	2,082,729

The notes on page 38 to 68 form an integral part of this condensed consolidated interim financial information.



# CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENT

For the six months ended 30 June 206 (Amounts expressed in thousands of RMB)

#### Six months ended 30 June

		2016	2015
	Note	(Unaudited)	(Unaudited)
Net cash used in operating activities	29	(153,075)	(32,450)
Net cash used in investing activities	29	(34,758)	(168,720)
Net cash used in financing activities	29	(67,738)	(296,663)
Net decrease in cash and cash equivalents		(255,571)	(497,833)
Cash and cash equivalents, at beginning of the period	16	458,158	759,751
Exchange gain on cash and cash equivalents		4,385	3,169
Cash and cash equivalents, at end of the period	16	206,972	265,087

The notes on page 38 to 68 form an integral part of this condensed consolidated interim financial information.



# NOTES TO THE CONDENSED CONSOLIDATED INTERIM FINANCIAL INFORMATION

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 1. GENERAL INFORMATION

Anton Oilfield Services Group (the "Company") was incorporated in the Cayman Islands on 3 August 2007 as an exempted company with limited liability under the Companies Law of the Cayman Islands. The address of its registered office is PO Box 309, Ugland House, Grand Cayman, KY1-1104, the Cayman Islands.

The Company is an investment holding company. The Company and its subsidiaries (the "Group") are principally engaged in providing oilfield technology services, manufacturing and trading of related products in the People's Republic of China (the "PRC") and other oversea countries. The Company listed its shares on the Main Board of The Stock Exchange of Hong Kong Limited on 14 December 2007.

The directors regard Pro Development Holdings Corp., a company incorporated in the British Virgin Islands, as the ultimate holding company of the Company, which is controlled by Mr. Luo Lin, the Company's controlling shareholder.

This unaudited condensed consolidated interim financial information was approved for issue by the board of directors on 28 August 2016.

#### 2. BASIS OF PREPARATION

This condensed consolidated interim financial information for the six months ended 30 June 2016 has been prepared in accordance with International Accounting Standard ("IAS") 34, "Interim Financial Reporting". The condensed consolidated interim financial information should be read in conjunction with the annual financial statements for the year ended 31 December 2015, which have been prepared in accordance with International Financial Reporting Standards ("IFRS").

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 3. ACCOUNTING POLICIES

The accounting policies applied are consistent with those of the annual financial statements for the year ended 31 December 2015, as described in those annual financial statements.

Taxes on income in the interim periods are accrued using the tax rates that would be applicable to expected total annual earnings.

- (a) Amendments to IFRSs effective for the financial year ending 31 December 2016 do not have a material impact on the Group.
- (b) Impact of standards issued but not yet applied by the Group

IFRS 9, "Financial instruments", addresses the classification, measurement and recognition of financial assets and financial liabilities. The complete version of IFRS 9 was issued in July 2014. It replaces the guidance in IAS 39 that relates to the classification and measurement of financial instruments. IFRS 9 retains but simplifies the mixed measurement model and establishes three primary measurement categories for financial assets: amortised cost, fair value through OCI and fair value through P&L. The basis of classification depends on the entity's business model and the contractual cash flow characteristics of the financial asset. Investments in equity instruments are required to be measured at fair value through profit or loss with the irrevocable option at inception to present changes in fair value in OCI not recycling. There is now a new expected credit losses model that replaces the incurred loss impairment model used in IAS 39. For financial liabilities there were no changes to classification and measurement except for the recognition of changes in own credit risk in other comprehensive income, for liabilities designated at fair value through profit or loss. IFRS 9 relaxes the requirements for hedge effectiveness by replacing the bright line hedge effectiveness tests. It requires an economic relationship between the hedged item and hedging instrument and for the "hedged ratio" to be the same as the one management actually use for risk management purposes.

Contemporaneous documentation is still required but is different to that currently prepared under IAS 39. The standard is effective for accounting periods beginning on or after 1 January 2018. Early adoption is permitted. The Group is yet to assess IFRS 9's full impact.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 3. ACCOUNTING POLICIES (CONTINUED)

(b) Impact of standards issued but not yet applied by the Group (Continued)

IFRS 15, "Revenue from contracts with customers" deals with revenue recognition and establishes principles for reporting useful information to users of financial statements about the nature, amount, timing and uncertainty of revenue and cash flows arising from an entity's contracts with customers. Revenue is recognised when a customer obtains control of a good or service and thus has the ability to direct the use and obtain the benefits from the good or service. The standard replaces IAS 18 "Revenue" and IAS 11 "Construction contracts" and related interpretations. IFRS 15 is effective for annual periods beginning on or after 1 January 2018 and earlier application is permitted. The Group is yet to assess IFRS 15' full impact.

IFRS 16, "Leases" addresses the definition of a lease, recognition and measurement of leases and establishes principles for reporting useful information to users of financial statements about the leasing activities of both lessees and lessors. A key change arising from IFRS 16 is that most operating leases will be accounted for on balance sheet for lessees. The standard replaces IAS 17 "Leases", and related interpretations. The standard is effective for annual periods beginning on or after 1 January 2019 and earlier application is permitted subject to the entity adopting IFRS 15 "Revenue from contracts with customers" at the same time. The Group is yet to assess IFRS 16' full impact.

There are no other IFRS or IFRIC interpretations that are not yet effective that would be expected to have a material impact on the Group.

#### 4. ESTIMATES

The preparation of interim financial information requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities, income and expense. Actual results may differ from these estimates.

In preparing this condensed consolidated interim financial information, the significant judgements made by management in applying the Group's accounting policies and the key sources of estimation uncertainty were the same as those that applied to the consolidated financial statements for the year ended 31 December 2015.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 5. FINANCIAL RISK MANAGEMENT

#### 5.1 Financial risk factors

The Group's activities expose it to a variety of financial risks: market risk (including currency risk and fair value interest rate risk), credit risk and liquidity risk.

The condensed consolidated financial interim information does not include all financial risk management information and disclosures required in the annual financial statements, and should be read in conjunction with the Group's annual financial statements as at 31 December 2015.

There have been no changes in the risk management policies since year end.

#### 5.2 Liquidity risk

Compared to the year end, there was no material change in the contractual undiscounted cash outflows for financial liabilities.

#### 5.3 Credit risk

The Group has policies in place to ensure that sales of products and services are made to customers with an appropriate credit history. The Group's historical experience in collection of trade and other receivables falls within the recorded allowance and the directors are of the opinion that adequate provision for uncollectible receivables has been made in the financial statements.

A considerable portion of sales were made to the several major oilfield operators of the PRC and their affiliates, which are state-owned entities with good credit reputation, therefore the trade receivables of the Group had concentration risk (Note 6). Most of the Group's cash and cash equivalents were placed with state-owned banks in the PRC and Hong Kong, the corresponding credit risk is relatively low.

#### 5.4 Fair value estimation

The carrying amounts of the Group's financial assets including cash and cash equivalents, deposits in approved financial institutions, trade and notes receivables, other receivables and financial liabilities including trade and other payables, short-term borrowings, the current portion of long-term bonds approximate their fair values due to their short maturities.

The carrying amounts of long-term bonds and long-term borrowings approximated their fair values as the fluctuation of comparable interest rates with similar terms is relatively low.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 6. SEGMENT INFORMATION

The chief executive officer, executive vice presidents and directors are the Group's chief operating decision-makers. Management has determined the operating segments based on the information reviewed by the chief operating decision makers for the purposes of allocating resources and assessing performance.

The Group's reportable segments are entity or group of entities that offer different products and services, which is the basis by which the chief operating decision makers make decisions about resources to be allocated to the segments and assesses their performance. Financial information of these entities has been separated to present discrete segment information to be reviewed by the chief operating decision makers.

During the year ended 31 December 2015, the chief operating decision makers assess performance of three reportable segments: drilling technology, well completion and oil production services, which is different from the segment categorisation in prior periods according to the restructuring of internal management and reporting structure. The segment information of comparative period has been restated to conform to the current period categorisation.

The measurement of profit or loss, assets and liabilities of the operating segments are the same as those described in the summary of significant accounting policies. The chief operating decision makers evaluate the performance of the operating segments based on profit or loss before income tax expense, depreciation and amortisation, interest income, finance expenses, share of loss of joint ventures, share-based payments and asset impairment provisions ("EBITDA"). The corporate overheads and corporate assets are the general management expenses and assets incurred and held by the headquarters of the Group.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 6. SEGMENT INFORMATION (CONTINUED)

	Drilling	Well	Oil production	
	technology	completion	services	Total
Six months ended 30 June 2016 (Unaudited)				
Revenue	209,343	278,491	185,869	673,703
EBITDA	69,058	86,420	59,635	215,113
Depreciation and amortisation Asset impairment provision of	(34,720)	(49,067)	(10,522)	(94,309)
- Trade receivables	(1,258)	_	_	(1,258)
- Inventories	(17,277)	(15,095)	_	(32,372)
- Property, Plant and equipment	(793)	(1,058)	(2,113)	(3,964)
Interest income	_	138	_	138
Finance expenses, net	336	(246)	(10,771)	(10,681)
Income tax expense	(7,167)	(11,590)	(8,203)	(26,960)
Six months ended 30 June 2015 (Unaudited) (Restated)				
Revenue	304,534	377,907	179,099	861,540
EBITDA	77,762	122,215	51,320	251,297
Depreciation and amortisation	(32,867)	(51,823)	(10,558)	(95,248)
Interest income	99	270	177	546
Finance expenses, net	(1,392)	(625)	(1,001)	(3,018)
Share of loss of joint ventures	(1,042)	_	_	(1,042)
Income tax expense	(3,777)	(5,471)	(3,155)	(12,403)

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 6. SEGMENT INFORMATION (CONTINUED)

	Drilling	Well	Oil production	
	technology	completion	services	Total
As at 30 June 2016 (Unaudited)				
Total assets	1,829,069	2,554,662	438,611	4,822,342
Total assets include:				
Investments in joint ventures	_	_	_	_
Capital expenditures	19,997	8,199	9,684	37,880
As at 31 December 2015 (Audited)				
Total assets	1,567,491	2,841,241	211,503	4,620,235
Total assets include:				
Investments in joint ventures	4,000	_	_	4,000
Capital expenditures	96,586	207,303	7,645	311,534

Disclosure of liabilities has not been included here because these liabilities balances are not allocated to segments.

A reconciliation of total EBITDA to total loss before income tax is provided as follows:

	Six months ended 30 June		
	2016	2015	
	(Unaudited)	(Unaudited)	
EBITDA for reportable segments	215,113	251,297	
Corporate overheads	(110,991)	(216,221)	
Depreciation	(87,801)	(85,707)	
Amortisation	(6,508)	(9,541)	
Asset impairment provision	(37,594)	_	
Interest income	138	546	
Finance expenses, net	(10,681)	(3,018)	
Share of loss of joint ventures	_	(1,042)	
Loss before income tax	(38,324)	(63,686)	

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 6. SEGMENT INFORMATION (CONTINUED)

Reportable segments' assets are reconciled to total assets as follows:

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Assets for reportable segments	4,822,342	4,620,235
Corporate assets for general management	996,766	1,562,925
Total assets per balance sheet	5,819,108	6,183,160

The Group chooses to allocate revenue on the basis of the location in which the sale originated.

# **Geographical Information**

	Reve	enue	Non-curre	ent assets
	Six months e	nded 30 June	As at	As at
	<b>2016</b> 2015		30 June 2016	31 December 2015
	(Unaudited)	(Unaudited)	(Unaudited)	(Audited)
PRC	279,713	472,545	2,413,272	2,568,906
Iraq	247,743	281,683	401,550	410,435
Other countries	146,247	107,312	108,762	84,235
Total	673,703	861,540	2,923,584	3,063,576

#### **Client Information**

During the period, revenues of approximately RMB 236,708,000 (six months ended 30 June 2015: RMB 249,753,000) are derived from two (six months ended 30 June 2015: two) external customers, which contributed 23.43% and 11.71% to the total revenue, respectively (six months ended 30 June 2015: 16.8% and 12.2%). These revenues are mainly attributable to oil production services and well completion segments.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 7. PROPERTY, PLANT AND EQUIPMENT

	Six months ended 30 June			
	2016			
<u>\\\\                   </u>	(Unaudited)	(Unaudited)		
Opening net book value	2,355,538	2,293,382		
Additions	28,568	215,596		
Depreciation	(110,105)	(106,043)		
Disposals	(3,535)	(38,114)		
Disposal of subsidiaries	(29,681)	_		
Impairment provision	(3,964)			
Closing net book value	2,236,821	2,364,821		

As at 30 June 2016, certain bank borrowings were secured over certain buildings and plant, machinery and equipment with net book value of RMB 411,432,000 (31 December 2015: RMB 178,261,000) (Note 19(a), (b), (c)).

# 8. LAND USE RIGHTS

	Six months ended 30 June		
	2016	2015	
	(Unaudited)	(Unaudited)	
Opening net book value	59,893	61,049	
Disposal of a subsidiary	(10,700)	(98)	
Amortisation	(654)	(675)	
Closing net book value	48,539	60,276	

Land use rights represent the Group's prepayments for the leasehold land located in the PRC which are on leases with remaining terms within 10 to 50 years.

As at 31 December 2015, land use rights with net book value of RMB 11,066,000 were pledged as counter guarantee for certain short-term borrowings (Note 19(b)).

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 9. INTANGIBLE ASSETS

	Six months ended 30 June			
	2016			
	(Unaudited)	(Unaudited)		
Opening net book value	379,538	392,389		
Additions	13,630	23,204		
Amortisation	(6,792)	(10,961)		
Disposal of subsidiaries	(290)	_		
Closing net book value	386,086	404,632		

#### 10. INVESTMENTS IN JOINT VENTURES

	Six months ended 30 June	
	2016	2015
	(Unaudited)	(Unaudited)
Opening balance	4,000	5,042
Share of loss	_	(1,042)
Disposal of a joint venture	(4,000)	
Closing balance	_	4,000

On 10 May 2016, the Group disposed of its 50% equity interests in Northern Heavy Anton Machinery Manufacturing Co., Ltd. ("Northern Heavy") to the remaining shareholder of Northern Heavy, at a cash consideration of RMB1 and waived RMB4,549,000 trade payables due to Norther Heavy. The disposal gain of RMB549,000 was recognised in other gains (Note 24(b)).

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 11. OTHER NON-CURRENT ASSETS

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Long-term lease prepayments	63,000	67,255

Long-term lease prepayments represent prepayments for lease of logistics base, which will be amortised in 6 years.

# 12. DEFERRED INCOME TAXATION

	Deferred income	Deferred income
	tax assets	tax liabilities
Unaudited		
At 1 January 2016	64,659	(4,375)
Charged to the income statement	(8,045)	(13)
At 30 June 2016	56,614	(4,388)
Unaudited		
At 1 January 2015	57,341	(3,968)
Credited to the income statement	4,816	<u> </u>
At 30 June 2015	62,157	(3,968)

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 13. INVENTORIES

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Raw materials	269,880	169,999
Work-in-progress	333,110	322,926
Finished goods	186,506	358,371
Spare parts and others	51,923	6,711
	841,419	858,007
Less: provision for inventory obsolescence	(53,455)	(23,784)
	787,964	834,223

# 14. TRADE AND NOTES RECEIVABLES

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Trade receivables, net (a)	1,237,334	1,198,723
Notes receivable (c)	54,944	85,631
	1,292,278	1,284,354

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 14. TRADE AND NOTES RECEIVABLES (CONTINUED)

Note:

(a) Ageing analysis:

	As at	As at
	30 June 2016	31 December 2015
	(Unaudited)	(Audited)
1 - 6 months	764,955	742,882
6 months - 1 year	298,526	344,038
1 - 2 years	130,308	104,856
2 - 3 years	47,873	15,367
Over 3 years	28,631	23,292
	1,270,293	1,230,435
Less: Impairment of receivables	(32,959)	(31,712)
Trade receivables, net	1,237,334	1,198,723

- (b) Most of the trade receivables are with credit terms of one year, except for retention money which would be collected one year after the completion of the sales. The maximum exposure to credit risk at the reporting date is the carrying value of the receivables mentioned above.
- (c) As at 30 June 2016, notes receivable of bank acceptance amounted to RMB 35,262,000 (31 December 2015: RMB 85,631,000) and trade acceptance amounted to RMB 19,682,000 (31 December 2015: RMB nil) with maturity dates within six months.
- (d) As at 30 June 2016, secured short-term bank borrowings of RMB 81,650,000 were secured by trade receivables amounting to RMB 96,119,000 (Note 19(b)).

As at 31 December 2015, secured bank borrowings of RMB 10,000,000 were secured by notes receivable amounting to RMB 10,000,000 (Note 19(b)).

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 15. PREPAYMENTS AND OTHER RECEIVABLES

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Current		
Advances to suppliers	116,914	104,154
Other receivables	195,096	171,204
Value-added tax recoverable	82,923	98,245
	394,933	373,603
Non-current		
Value-added tax recoverable	132,524	132,693

#### 16. CASH AND BANK

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Restricted bank deposits (a)	202,377	158,246
Term deposits with initial terms of over three months (b)	11,000	11,000
Cash and cash equivalents		
- Cash on hand	5,723	2,393
- Deposits in bank	201,249	455,765
	420,349	627,404

<sup>(</sup>a) As at 30 June 2016, bank deposits amounting to RMB 202,377,000 (31 December 2015: RMB 158,246,000) were held as securities for letter of guarantee and for issuance of notes payable.



<sup>(</sup>b) As at 30 June 2016, term deposits with initial terms of over three months were bank deposits bearing interest rate at 2.01% per annum (31 December 2015: 2.01% per annum), with original maturity of 180 days.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 16. CASH AND BANK (CONTINUED)

(c) Cash and bank were denominated in the following currencies:

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
RMB	142,558	323,818
US\$	228,185	259,647
HK\$	15,715	14,329
Others	33,891	29,610
	420,349	627,404

#### 17. SHARE CAPITAL AND SHARE OPTIONS

# (a) Share capital

	rtainbor or		
	ordinary		
	shares issued		
	and fully paid	Share cap	oital
	of HK\$0.1 each	HK\$'000	RMB'000
(Unaudited)			
As at 1 January 2016	2,221,122	222,112	207,629
Repurchase and cancellation of shares (Note)	(4,926)	(493)	(416)
As at 30 June 2016	2,216,196	221,619	207,213
(Unaudited)			
As at 1 January 2015	2,211,635	221,164	206,879
Exercise of options	9,487	949	750
As at 30 June 2015	2,221,122	222,113	207,629

Number of

Note:

During the six months ended 30 June 2016, the Company repurchased 4,926,000 of its own shares on the Hong Kong Stock Exchange, which were then all cancelled. The total amount paid to acquire these shares was RMB 2,538,000 and deducted from share capital and share premium.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 17. SHARE CAPITAL AND SHARE OPTIONS (CONTINUED)

# (b) Share options

Movements in the number of share options outstanding and their related weighted average exercise prices are as follows:

	Average	Number of
	exercise	options of
	price in HK\$	shares
	per share	(thousands)
As at 1 January 2016		52,415
Granted (on 14 February 2016)	0.740	112,800
Granted (on 1 April 2016)	0.800	7,200
Forfeited		(8,629)
Cancelled		(1,950)
Expired		(17,259)
As at 30 June 2016 (Unaudited)		144,577
As at 1 January 2015		82,913
Granted (on 24 April 2015)	1.820	49,500
Forfeited		(5,442)
Exercised		(9,487)
As at 30 June 2015 (Unaudited)		117,484



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 17. SHARE CAPITAL AND SHARE OPTIONS (CONTINUED)

#### (b) Share options (CONTINUED)

Share options outstanding (in thousands) at the end of the period have the following expiry dates and exercise prices:

		Number of
Expiry date	Exercise price	share options
	(HK\$ per share)	(thousands)
21 November 2016	2.610	4,000
9 January 2017	3.878	19,333
21 June 2019	5.742	1,276
27 June 2019	5.600	298
19 November 2019	4.960	190
13 February 2022	0.740	112,280
31 March 2022	0.800	7,200
		144,577

The fair value of the options granted during the six months ended 30 June 2016 is determined using the binomial option pricing model. The key assumptions used in the pricing model for options granted on 14 February 2016 and 1 April 2016 were the exercise prices shown above and other parameters are shown below:

	Options gran	ted during the		
Parameters	six months e	six months ended 30 June		
	2016	2015		
Share price as of the valuation date (HK\$)	0.74-0.80	1.82		
Expected dividend yield	_	_		
Forfeiture rate	0.39%-0.40%	0.68%		
Exercise multiples	3.35-3.70	3.54-3.80		
Maturity years	6.0	6.0		
Risk free rate	0.95%-1.09%	1.10%		
Annualised volatility	54.27%-54.67%	52.64%		

The total expense recognised in the income statement for the six months ended 30 June 2016 for share options amounted to RMB 7,245,000 (for the six months ended 30 June 2015: recorded RMB 10,076,000, RMB 2,503,000 and RMB 467,000 in the income statement, inventory and intangible assets), with a corresponding amount credited in capital reserve.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 18. LONG-TERM BONDS

			As at	As at	
			30 June	31 December	Effective
Issued date:	Par value	Coupon rate	2016	2015	interest rate
7 August 2013 (a)	RMB 200 million	7.30%	199,920	199,514	7.74%
31 October 2013 (b)	US\$ 248 million	7.50%	1,622,882	1,584,635	8.31%
	7		1,822,802	1,784,149	
Less: Current portion			(199,920)	(199,514)	
			1,622,882	1,584,635	

#### Note:

- Anton Oilfield Services (Group) Co., Ltd ("Antonoil"), a subsidiary of the Company, issued RMB 200 million 7.30% medium-term notes at par value (a) on 7 August 2013. The bonds mature in 3 years from the issue date at their nominal value. Interest is payable on an annually basis. As at 30 June 2016, interest payable amounted to approximately RMB 13.1 million (31 December 2015: RMB 5.8 million).
- (b) The Company issued US\$ 250 million 7.50% senior notes at par value on 31 October 2013, in which US\$ 2 million were repurchased on 17 April 2015. The bonds mature in 5 years from the issue date at their nominal value. Interest is payable on a semi-annually basis. As at 30 June 2016, interest payable amounted to approximately RMB 18.8 million (31 December 2015: RMB 19.0 million).



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 19. BORROWINGS

	As at 30 J	une 2016	As at 31 Dece	ember 2015
	(Unau	dited)	(Audi	ted)
	Amount	Interest rate	Amount	Interest rate
Long-term borrowing				
- Secured				
- RMB denominated (a)	182,400	5.94%	_	_
Less: Current portion	(60,288)		_	
	122,112		_	
Short-term bank borrowings				
- Unsecured				
- RMB denominated	130,000	5.25%-5.655%	425,000	4.35%-7.5%
- Secured				
- RMB denominated (b)	311,650	5.003%-6.50%	190,000	4.35%-5.865%
Other borrowings - secured				
- RMB denominated (c)	_		60,000	6.305%
	441,650		675,000	

- (a) As at 30 June 2016, secured long-term borrowings represented borrowings from Minsheng Financial Leasing Co., Ltd., which will mature in 3 years, with equipment of net book value amounted to RMB 213,238,000 pledged as security (Note 7).
- (b) As at 30 June 2016, secured short-term bank borrowings of RMB 80,000,000 were guaranteed by Beijing Zhongguancun Sci-tech Guaranty Co., Ltd. (北京中關村科技擔保有限公司), a third party, and with the Group's buildings of a net book value of RMB 38,194,000 (Note 7); RMB 150,000,000 were secured by the construction in progress with amount of RMB 160,000,000 (Note 7); RMB 81,650,000 were secured by trade receivables amounting to RMB 96,119,000 (Note 14(d)).
  - As at 31 December 2015, secured bank borrowings of RMB 80,000,000 were guaranteed by Beijing Zhongguancun Sci-tech Guaranty Co., Ltd. (北京中關村科技擔保有限公司), a third party, with the Group's buildings of a net book value of RMB 32,078,000 (Note 7) and land use rights of a net book value of RMB 11,066,000 (Note 8) pledged as counter-guarantee; RMB 100,000,000 were secured by buildings with a net book value of RMB 15,998,000 (Note 7); RMB 10,000,000 were secured by notes receivable with amount of RMB 10,000,000 (Note 14(d)).
- (c) As at 31 December 2015, other borrowings represented a loan borrowed from Beijing City Cultural Technology Leasing Share Limited (北京市文 化科技融 租 股份有限公司), with the Group's machinery and equipment of a net book value of RMB 130,185,000 pledged as security (Note 7).
- (d) As at 30 June 2016, the undrawn bank borrowing facilities of the Group approximated RMB 85 million (31 December 2015: RMB 670 million), with maturity dates in June 2017.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

10,287

467,949

# 20. TRADE AND NOTES PAYABLES

Trade payables Notes payable  Ageing analysis of trade and notes payables is as following:  As a 30 June (Unaudited)  As a 30 June (Unaudited)			_	
Trade payables Trade payables Notes payable  Ageing analysis of trade and notes payables is as following:  As a 30 June 2016 (Unaudited)			As at	As at
Trade payables Notes payable  Ageing analysis of trade and notes payables is as following:  As a 30 June 2016 (Unaudited			30 June	31 December
Trade payables  Notes payable  467,949  Ageing analysis of trade and notes payables is as following:  As a  30 June 2016 (Unaudited			2016	2015
Notes payable  110,89  467,948  Ageing analysis of trade and notes payables is as following:  As a 30 June 2016 (Unaudited			(Unaudited)	(Audited)
Notes payable  110,89  467,948  Ageing analysis of trade and notes payables is as following:  As a 30 June 2016 (Unaudited	de pavables		357.058	443,062
Ageing analysis of trade and notes payables is as following:  As a  30 June 2016 (Unaudited			110,891	137,286
Ageing analysis of trade and notes payables is as following:  As a  30 June 2016 (Unaudited)			467.040	580,348
As a 30 June 2016 (Unaudited	ing analysis of trade and notes r	pavables is as following:		
30 June 2016 (Unaudited		payment to the renorming.	An at	An ot
2016 (Unaudited				As at
(Unaudited				31 December
			2016	
Less than 1 year 274,166				2015
			(Unaudited)	2015 (Audited)
	s than 1 year			(Audited)
2 - 3 years <b>18,15</b> 3			(Unaudited) 274,166 165,343	

# 21. ACCRUALS AND OTHER PAYABLES

Over 3 years

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Advance from customers	20,316	14,953
Payroll and welfare payable	46,066	59,888
Taxes other than income taxes payable	57,309	73,908
Payable to equipment venders	727,708	831,243
Dividend payable	14,870	29,120
Rental payable	9,588	11,217
Others	129,434	134,629
	1 005 001	1 154 050
	1,005,291	1,154,958

5,932

580,348

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 22. REVENUE

Revenue by category is analysed as following:

	Six months end	Six months ended 30 June	
	2016	2015	
	(Unaudited)	(Unaudited)	
Sales of goods	68,564	121,283	
Provision of services	605,139	740,257	
	673,703	861,540	

Six months ended 30 June

# 23. EXPENSES BY NATURE

Operating profit is arrived at after charging the following:

	2016	2015
	(Unaudited)	(Unaudited)
Materials and services	326,789	371,050
Staff costs		
In which:		
- Salaries and other staff expenses	152,350	200,767
- Share-based compensation	7,245	10,076
Depreciation	92,399	86,229
Amortisation	6,643	9,924
Sales tax and surcharges	4,023	7,574
Other operating expenses	104,919	157,281
In which: - Increase in impairment of receivables	1,258	_
- Increase in impairment of property, plant and equipment	3,964	_
- Increase in impairment of inventories	32,372	_
<ul> <li>Loss on disposal of property, plant and equipment</li> </ul>	_	350
Total operating costs	694,368	842,901

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 24. OTHER GAINS, NET

	Six months ended 30 June	
	2016	2015
	(Unaudited)	(Unaudited)
Government grants and subsidies	3,309	10,874
Gains on disposal of subsidiaries	61,899	_
Gains on disposal of a joint venture	549	_
Others	(302)	2,961
	65,455	13,835
	05,455	13,033

- (a) On 19 January, 2016, Beijing Huarui Mei'er Petroleum Technology Co., Ltd, a wholly-owned subsidiary of the Group, was dissolved and recognised a loss amounting to RMB 717,000.
  - On 1 March, 2016, the Group disposed its 100% equity interests in its subsidiary, Beijing Anton Petroleum Machinery Co., Ltd. to a third party. The Group received cash amounted to RMB 77,000,000 as consideration and recognised gain amounting to RMB 62,616,000.
- (b) On 10 May 2016, the Group disposed its 50% equity interests in Northern Heavy with a gain amounting to RMB 549,000 (Note 10).

# 25. FINANCE COSTS, NET

	Six months ended 30 June	
	2016	2015
	(Unaudited)	(Unaudited)
Interest expenses		
– on borrowings	(18,882)	(23,777)
- on bonds	(71,660)	(76,295)
	(90,542)	(100,072)
Exchange gains, net	16,692	4,273
Others	(10,001)	(2,833)
Total finance expenses	(83,851)	(98,632)
Interest income	737	3,514
	(83,114)	(95,118)

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 26. INCOME TAX EXPENSE

	Six months end	Six months ended 30 June	
	2016	2015	
\	(Unaudited)	(Unaudited)	
Current income tax			
– PRC enterprise income tax	1,298	1,314	
- Iraq corporate income tax	17,275	15,652	
- Others	329	253	
Deferred income tax (Note 12)	8,058	(4,816)	
	26,960	12,403	

The Company was incorporated in the Cayman Islands as an exempted company with limited liability under the Companies Law of the Cayman Islands and, accordingly, is exempted from payment of the Cayman Islands income tax.

For the Company's PRC subsidiaries, enterprise income tax is provided on estimated taxation profits at applicable tax rate of 25% (2015:25%), except that certain subsidiaries which have applied preferential tax rates of 12.5% or 15%.

The corporate income tax of Iraq entities is levied at 7% over the service revenue. Entities registered in United Arab Emirates are exempted from income tax.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 27. LOSS PER SHARE

# (a) Basic

Basic loss per share is calculated by dividing the loss attributable to equity holders of the Company by the weighted average number of ordinary shares in issue during the period.

	Six months ended 30 June	
	2016	2015
	(Unaudited)	(Unaudited)
Loss attributable to equity holders of the Company (RMB' 000) Weighted average number of ordinary shares in issue (thousands of shares)	(65,036) 2,214,562	(73,786) 2,217,031
Basic loss per share (expressed in RMB per share)	(0.0294)	(0.0333)

#### (b) Diluted

For the six months ended 30 June 2016 and 2015, the Group made losses. Therefore the effect of share options was anti-dilutive and is ignored from the calculation of diluted loss per share. The diluted loss per share is calculated in the same way with basic loss per share.

#### 28. DIVIDENDS

No dividend has been declared in respect of the financial year ended 31 December 2015 and the six months ended 30 June 2016.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 29. NOTE TO THE CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENT

Six months e	nded 30 June
--------------	--------------

	2016	2015 (Unaudited)
\	(Unaudited)	
Operating activitives:		
Loss before income tax	(38,324)	(63,686)
Adjustments for:		
Property, plant and equipment		
- depreciation charge	92,399	86,229
- net (gain)/loss on disposals	(547)	350
- addition of impairment	3,964	_
Amortisation of land use rights and intangible assets	6,643	9,924
Amortisation of prepaid operating lease payment	12,150	_
Addition of impairment of receivables	1,258	_
Addition of impairment of inventories	32,372	_
Charge of share option scheme	7,245	10,076
Share of loss of joint ventures	_	1,042
Gains on disposal of subsidiaries	(61,899)	_
Gains on disposal of a joint venture	(549)	_
Net foreign exchange gains	(16,692)	(4,273)
Interest income	(737)	(3,514)
Interest expenses	90,542	100,072
Changes in other non-current assets	_	28,150
Changes in working capital:		
Inventories	32,123	(167,962)
Trade and notes receivables	(97,145)	245,250
Prepayments and other receivables and value-added tax recoverable	(27,736)	(91,378)
Trade and notes payables	(67,824)	88,633
Accruals and other payables	5,070	(64,549)
Restricted bank deposits	(44,131)	(88,056)
Net cash (outflows)/inflows from operations	(71,818)	86,308

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 29. NOTE TO THE CONDENSED CONSOLIDATED INTERIM CASH FLOW STATEMENT (CONTINUED)

#### Six months ended 30 June 2016 2015 (Unaudited) (Unaudited) Interest paid (77,727)(104,947)Interest received 737 3.514 Income tax paid (4,267)(17,325)Net cash used in operating activities (153,075)(32,450)Investing activities: Purchases of property, plant and equipment (108,500)(183, 153)Purchases of intangible assets (5,220)(22,331)77,000 Disposal of subsidiaries Disposal of property, plant and equipment 1,962 37,764 Increase in term deposits with initial term of over three months (1,000)Net cash used in investing activities (34,758)(168,720)Financing activities: 444,650 Proceeds from short-term borrowings 591,236 (678,000)Repayments of short-term borrowings (588,748)Proceeds from long-term borrowings 182,400 Proceeds from share options exercised 9,370 (300,000)Repayments of long-term bonds Repurchase of long-term bonds (8,521)Repurchase of own shares (2,538)Dividends distribution (14,250)Net cash used in financing activities (67,738)(296,663)

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 30. COMMITMENTS

# (a) Capital commitments

Capital commitments relating to investments in property, plant and equipment at the balance sheet date but not yet provided for in the balance sheets were as follows:

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
Contracted but not provided for		
- Property, plant and equipment	29,923	49,778

# (b) Operating lease commitments

The Group leases various offices and warehouses under non-cancellable operating lease agreements.

The future aggregate minimum lease payments under non-cancellable operating leases are as follows:

	As at	As at
	30 June	31 December
	2016	2015
	(Unaudited)	(Audited)
No later than 1 year	6,954	7,534
No later than 1 year	0,954	7,334
1 to 5 years	28,475	28,885
Over 5 years	6,642	13,284
	42,071	49,703

# (c) Investment commitments

According to the agreement dated 30 April 2016 between Antonoil and Congjie Li. Antonoil is committed to pay RMB 26,000,000 to Congjie Li in exchange for his 25% equity interests in Shandong Precede Petroleum Technology Co., Ltd, a subsidiary of Antonoil.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

#### 31. RELATED PARTY TRANSACTIONS

Parties are considered to be related if one party has the ability, directly or indirectly, control the other party or exercise significant influence over the other party in making financial and operation decisions. Parties are also considered to be related if they are subject to common control. Members of key management of the Group are also considered as related parties.

(a) The following companies are related parties of the Group during the six months period ended 30 June 2016 and 2015:

Names of related parties	Nature of relationship
Northern Heavy	Joint venture invested by Antonoil (till 10 May 2016)
Tongzhou IPM Oilfield Technology Co., Ltd. ("TIPM")	Joint venture invested by Antonoil
China Nanhai Magcobar Mud Co., Ltd. ("Nanhai Magcobar")	Controlled by the same ultimate parent company of SLB NV
Schlumberger Oilfield China ("SLB China")	Controlled by the same ultimate parent company of SLB NV
Smith Drilling Equipment (Changzhou) Ltd. ("Smith Drilling")	Controlled by the same ultimate parent company of SLB NV
Dowell Schlumberger (Western) S.A. ("Dowell SLB")	Controlled by the same ultimate parent company of SLB NV
Schlumberger Technologies (Beijing) Ltd. ("SLB Beijing")	Controlled by the same ultimate parent company of SLB NV
Schlumberger Reservoir Products FZE ("SLB FZE")	Controlled by the same ultimate parent company of SLB NV



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 31. RELATED PARTY TRANSACTIONS (CONTINUED)

# (b) Transactions with related parties

	Six months ende	Six months ended 30 June	
	2016	2015	
	(Unaudited)	(Unaudited)	
Purchases of goods or services			
Northern Heavy	_	2,505	
Nanhai Magcobar	_	12,904	
SLB China	27,571	10,783	
Smith Drilling	228	7,982	
SLB Beijing	_	4,715	
	27,799	38,889	
Sales of goods			
Northern Heavy	14	503	
SLB China	97	811	
SLB Beijing	_	187	
	111	1,501	

Goods and services are sold and purchased based on the price lists in force and terms that would be available to third parties.

For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 31. RELATED PARTY TRANSACTIONS (CONTINUED)

# (c) Balances with related parties

	As at	As at
	30 June	31 December
	2016	2015
/	(Unaudited)	(Audited)
Trade and notes receivables		
SLB China	3,483	3,463
TIPM	3,742	5,000
	7,225	8,463
Prepayments and other receivables		
TIPM	2,153	_
SLB China	524	_
	2,677	_
Trade and notes payables		
Northern Heavy	_	4,072
Nanhai Magcobar	21,773	22,101
SLB China	33,377	12,886
SLB Beijing	262	262
Smith Drilling	11,531	12,962
Dowell SLB	5	_
	66,948	52,283
Accruals and other payables		
SLB FZE	16,473	16,473
Northern Heavy	_	519
SLB China	5,000	_
	21,473	16,992

Balances with related parties were all unsecured, non-interest bearing and had no fixed repayment terms.



For the six months ended 30 June 2016 (Amounts expressed in thousands of RMB unless otherwise stated)

# 31. RELATED PARTY TRANSACTIONS (CONTINUED)

#### (d) Key management compensation

	Six months ended 30 June	
	2016	2015
	(Unaudited)	(Unaudited)
Salaries and other short-term employee benefits	8,925	11,511
Pension scheme	279	326
Share-based compensation	1,501	5,357
	10,705	17,194

#### 32. SUBSEQUENT EVENTS

On 16 May 2016, the Group entered into an agreement with Hong Kong Huihua Global Technology Limited (香港惠華環球科技有限公司) (the "Purchaser") and 華油惠博普科技股份有限公司(China Oil HBP Science & Technology Co., Ltd). Pursuant to the agreement, the Group will transfer 40% of the equity interest in Anton Oilfield Services DMCC ("DMCC") to the Purchaser for a cash consideration of RMB 700,000,000.

The agreement and the transactions have been approved by the shareholders of the Company at the extraordinary general meeting held on 26 July 2016. As of the date of this condensed consolidated interim financial information is approved for issue, the transactions has not been completed.