

Lampion

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6th Edition



PetroChina

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Golden Days

Indonesian wushu athlete **Lindswell Kwok** is among the gold medalists in the Asian Games 2018, hosted this year in Jakarta-Palembang between August 18 and September 2. The host country finished fourth after China, Japan and South Korea.

Photo by Gong Bencai

Letter from Editor

Greeting to all fellow employees!

We deliver Lampion 6 to you with a sincere hope that you will enjoy reading it, and are inspired to share some stories with us in the future.

There are many things going on lately. The Asian Games and Asian Para Games 2018 went very well for Indonesia, the hosting country. The multi-sporting event might also encourage many of us to do more exercise. Thankfully, there are a bunch of sports communities in PetroChina. Choose the one that fits your style, be it zumba, freeletics, tennis, badminton, cycling, table tennis, and yoga. Bowling, band, and traditional dance club might not get you sweaty, but those will nurture your creativity and emotional wellbeing, which are just as important as the regular kind of sports.

Talking about wellbeing and creativity, some of our contributors wrote about their department's internal gathering. Most of the events were hosted to improve the teamwork, get people together and make some better ideas in the future. You know what wise men say "teamwork makes the dreams work". Amid these good times, we were devastated to learn about the earthquakes and tsunami that hit several cities in Indonesia. Our deepest condolences for the victims and our best prayers are with the survivors.

Let's hope that the situations in those affected area will improve and the recovery process could start immediately.

For the time being, please enjoy the latest edition of Lampion!

Warmest regards,
The editorial team

Contributors:

Adrian Wibisono, Annelisa Amangku, Annurushadiq, Boy Hidayat, Diah Mahardika, Dominica Riyani, Ginandjar, Gong Bencai, Ida Royani, I Nyoman Suta, Lalitya Arum, Lia Reulina Ketaren, Liu Hongna, Lutfi Rakhmawati, Novita Adi, Pandu Haryo Prawiro, Rina Putri, Stefani Widiyani, Surya Eka Saputra, Suyanto, Widodo Ismanto, Zainal Abidin, Bondan Himawan, Erwin Andrianto, Comdev Jabung, HR Department, IT Jabung, Security Department, Tao Kung Community

Be part of Magazine

As the part of PetroChina big family, we invite you to share your thoughts, knowledge, company-related updates and your photographs in the next editions of Lampion. We are thrilled to receive your contributions on the following topics:

1. Oil and Gas related News
2. Photo Gallery
3. PetroChina's Club Activities
4. PetroChina Events
5. Cultures

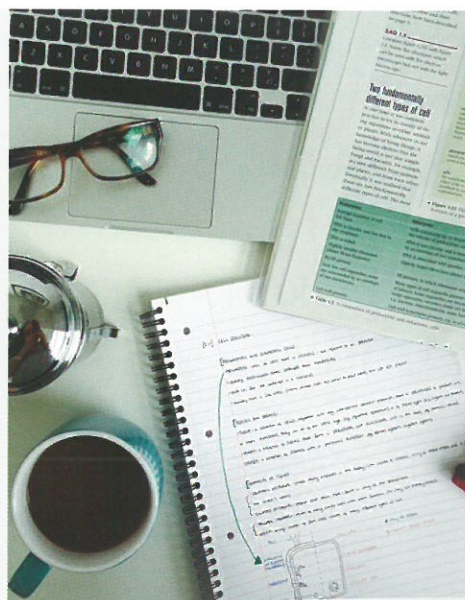
Or drop us emails to let us know what you think of our previous editions.

Please send your feedback and contributions to

L.Rakhmawati@PetroChina.co.id or reach Lutfi at 8576.

We look forward to hearing from you.

Best Regards,
The editorial team



Message from President

Dear employees,

First of all, please allow me to congratulate Indonesia for successfully hosting Asian Games and Asian Para Games 2018. I am truly impressed and inspired by the spirit of the athletes, committee, officials and sport enthusiasts from all Asian countries. As the host country, Indonesia ended up in fourth place in the Asian Games and fifth place in the Asian Para Games.

For us in PetroChina Indonesia, October is the harvest month. Jabung Block shows significant increase of production, so does Bangko Block.

We recently received the Zero Accident Award and appreciation from SKK Migas for our efficient procurement system.

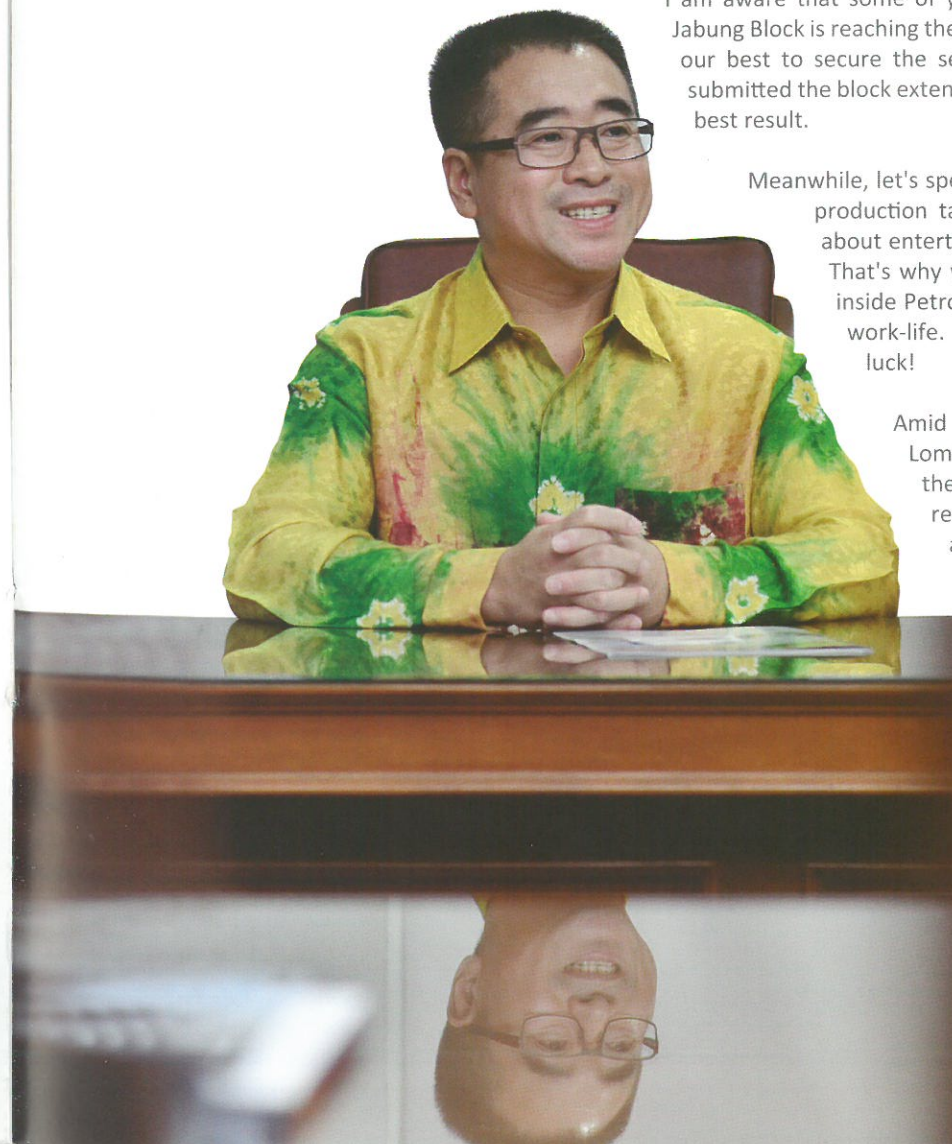
I am aware that some of you start to wonder about PetroChina's future as Jabung Block is reaching the end of contract in 2023. Don't worry, we are trying our best to secure the second chance of operatorship. We have officially submitted the block extension proposal to the government. Let's hope for the best result.

Meanwhile, let's spend the days with productive works to achieve our production target. I want you to work hard, but don't forget about entertaining yourself. Refreshing your mind is important. That's why we have many hobby-based or sport communities inside PetroChina. We want our employees to enjoy balanced work-life. I'm hoping to join one or two next year, wish me luck!

Amid all the happiness, our heart go out for people of Lombok, Palu, Donggala and Sigi who are affected by the earthquake and tsunami. As part of our social responsibility, PetroChina has donated to those areas. We hope the injured ones will quickly recover, so they can rebuild their life. PetroChina will stay updated on their situations and offer additional supports if necessary.

Last but not least, we already launched our official social media accounts on Twitter (@PetrochinaID) and Instagram (@petrochina_id).

Warmest regards,
Gong Bencai



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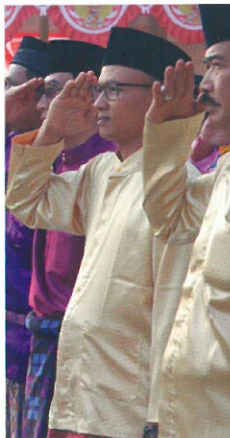
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MAIN REPORT

The Asian Games 2018, hosted in Jakarta and Palembang of South Sumatra in August-September, has left powerful impression for all the spectators around the world. In Indonesia, the confidence has never been this high. The host country managed to bag 98 medals (31 gold, 24 silver, 43 bronze) and finished fourth after China, Japan and South Korea. The government even starts to think about joining the bid for hosting Olympics 2032, a dream that seemed out of reach last year.

Spectacular Asian Games 2018 Boosts Country's Spirit

Words by Ginandjar | photo by Annelisa Amangku



The magnificent grandeur of the opening and closing ceremonies in Gelora Bung Karno Stadium never left the memory of those who watched. The world-class performance, the magnificent fireworks, the dancers, and President Joko Widodo's sensational entrance surely made the event special.

The family of PetroChina Indonesia also joined other thousands of spectators in the stadium during the opening and closing ceremonies. More than 50 members of management of PetroChina, managers, and recipients of Recognition Awards 2018 were in awe.

We really appreciate PetroChina President Mr. Gong Bencai who tossed the idea of live watching the Asian Games's opening and closing ceremonies.

"I really appreciate the president for extending the invitations and thinking about small things like this one," said Exploration Support & Operation Manager Mr. Andri Syafriya.

Andri, who also chairs the PetroChina's Labor Union, said that witnessing the Asian Games was a rare opportunity. "It could

take more than 40 years for us to host the same event. So this is a historical moment," he added.

Geophysicist Ms. Maya Resha Tuhar, who received Recognition Award 2018, was surprised to learn that she would receive the opening and closing ceremony tickets as part of the company's appreciations. "I never expect that the management of PetroChina would give me the opportunity to watch the Asian Games celebration. I am honoured and this appreciation is very precious to me," she said.

When attending the closing ceremony, amid the pouring rain, Maya could not help but feeling proud of the Indonesian athletes' achievements. After the event, the winning athletes have become the people's heroes. While veteran athletes such as weightlifter Eko Yuli Irawan and wushu queen Lindswell Kwok continue to charm our heart, some new names rise to stardom, including gold medallists Jonathan Christie of badminton, Defia Rosmaniar of taekwondo, and Hanifan Yudani Kusumah of pencak silat.

Asian Games 2018 Trivia

1. Three mascots of Asian Games **Bhin Bhin** (bird of paradise that represent strategy), **Atung** (Bawean deer that represents speed), and **Kaka** (single-horned rhinoceros that represents strength). The three names, if combined, spell **bhineka tunggal ika**, which is Indonesia's motto of unity in diversity.
2. Indonesian skateboarder **Bunga Nyimas Cinta**, only 12, became **the youngest medalist** when she finished third in women's street skateboarding category, while Indonesian bridge athlete **Bambang Hartono** was **the oldest medalist** at the age of 78 year old.
3. The People's Republic of China led the medal tally for the tenth consecutive Asian Games event with the total of **289 medals** (132gold, 92 silvers and 65 bronze).

MAIN REPORT

All is Well with Lindswell

Words by Ginandjar | photos by Gong Bencai

Collecting gold medals seems to be Lindswell Kwok's best expertise. Born in North Sumatera 26 years ago, Lindswell has become the Asia's Wushu Queen and one of Indonesia's best hopes to shine in international - level competitions.

Her latest, and probably last, achievement was recorded in Asian Games 2018 when she earned Indonesia's second gold in Tajjijian division, Ladies All Round, at the Hall B JIExpo Kemayoran, on September 20, 2018. No less than President Joko Widodo congratulated Lindswell's as she triumphed over Hong Kong's Juanita Mok Uen and Agatha Chrystenzen Wong from the Philippines.

Lindswell's steady achievements are earned through hard works and committed practice sessions. Lampion's Ginandjar talks to Lindswell's coach Susyana Tjhan to get a glimpse of Lindswell's training.

According to Susyana, there are several coaches that specifically handle Lindswell. "I teach the taolu technique," she said. During the preparation for Asian Games 2018, Lindswell was handled by Mrs. Novita as the head coach with Zhang Yue Ning as the foreign taolu technique coach, Mr. Hassabullah as the physical taolu coach, and Ms. Susyana Tjhan as the taolu technique coach. In addition to that, Ngatino, who chairs Indonesian Wushu Association, also acts as Lindswell's manager.

Mrs. Novita has been coaching Lindswell's coach since she was a junior athlete from North Sumatera. "In fact, Mrs. Novita was the one who helped Lindswell recovered from her injuries," she added.



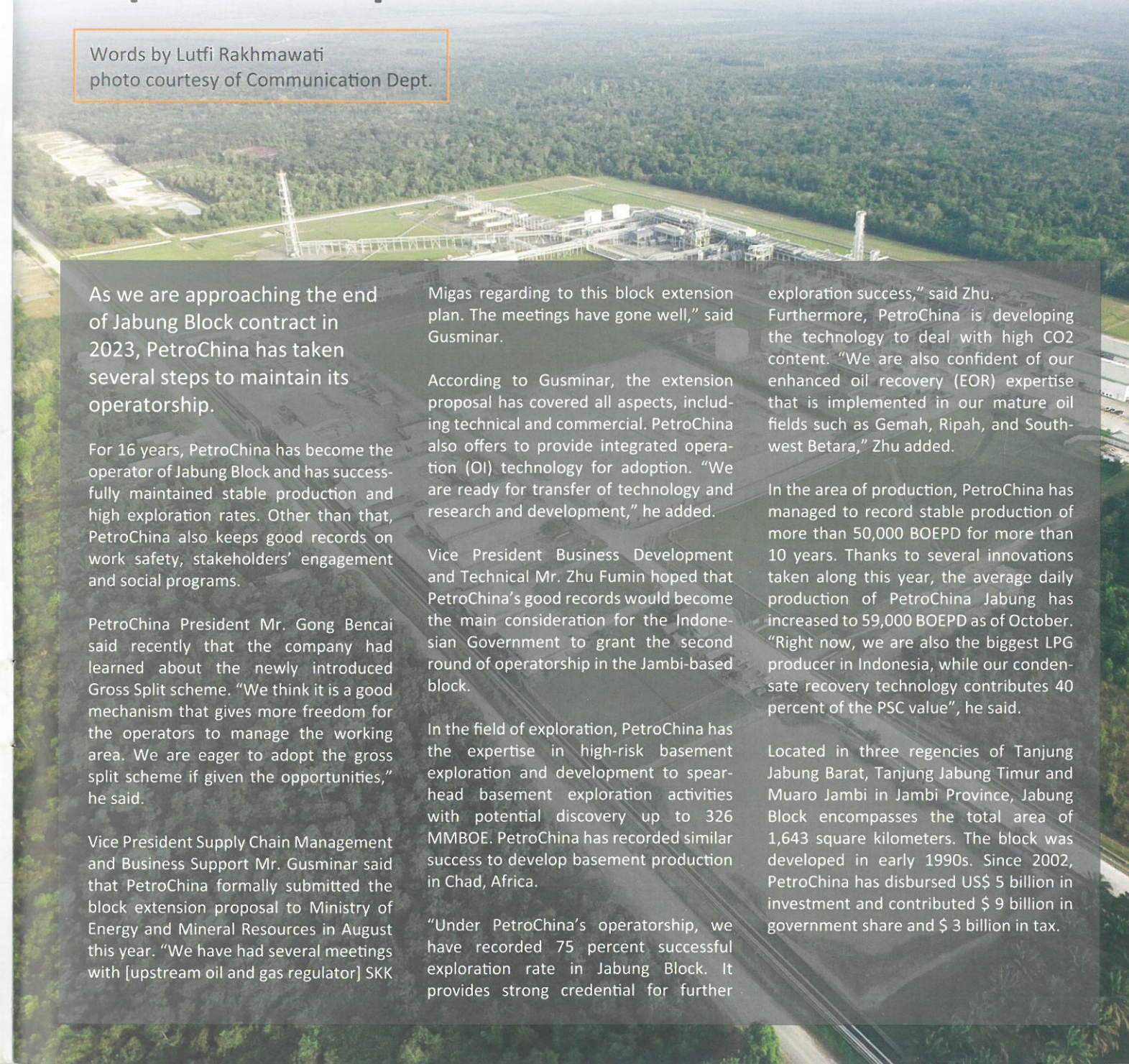
Lindswell's solid team of coach had contributed to her long list of medals, both in national and international competitions. Last year, Lindswell secured the gold medals in the SEA Games Malaysia. This score made her the only gold medalist in wushu for four consecutive SEA Games: 2011, 2013, and 2015.

In 2017, Lindswell also won the gold medal during the World Wushu Tournament in Kazan, Russia.

MAIN REPORT

PetroChina Seeks to Maintain Jabung Operatorship

Words by Lutfi Rakhmawati
photo courtesy of Communication Dept.



As we are approaching the end of Jabung Block contract in 2023, PetroChina has taken several steps to maintain its operatorship.

For 16 years, PetroChina has become the operator of Jabung Block and has successfully maintained stable production and high exploration rates. Other than that, PetroChina also keeps good records on work safety, stakeholders' engagement and social programs.

PetroChina President Mr. Gong Bencai said recently that the company had learned about the newly introduced Gross Split scheme. "We think it is a good mechanism that gives more freedom for the operators to manage the working area. We are eager to adopt the gross split scheme if given the opportunities," he said.

Vice President Supply Chain Management and Business Support Mr. Gusminar said that PetroChina formally submitted the block extension proposal to Ministry of Energy and Mineral Resources in August this year. "We have had several meetings with [upstream oil and gas regulator] SKK

Migas regarding to this block extension plan. The meetings have gone well," said Gusminar.

According to Gusminar, the extension proposal has covered all aspects, including technical and commercial. PetroChina also offers to provide integrated operation (OI) technology for adoption. "We are ready for transfer of technology and research and development," he added.

Vice President Business Development and Technical Mr. Zhu Fumin hoped that PetroChina's good records would become the main consideration for the Indonesian Government to grant the second round of operatorship in the Jambi-based block.

In the field of exploration, PetroChina has the expertise in high-risk basement exploration and development to spearhead basement exploration activities with potential discovery up to 326 MMBOE. PetroChina has recorded similar success to develop basement production in Chad, Africa.

"Under PetroChina's operatorship, we have recorded 75 percent successful exploration rate in Jabung Block. It provides strong credential for further

exploration success," said Zhu. Furthermore, PetroChina is developing the technology to deal with high CO2 content. "We are also confident of our enhanced oil recovery (EOR) expertise that is implemented in our mature oil fields such as Gemah, Ripah, and Southwest Betara," Zhu added.

In the area of production, PetroChina has managed to record stable production of more than 50,000 BOEPD for more than 10 years. Thanks to several innovations taken along this year, the average daily production of PetroChina Jabung has increased to 59,000 BOEPD as of October. "Right now, we are also the biggest LPG producer in Indonesia, while our condensate recovery technology contributes 40 percent of the PSC value", he said.

Located in three regencies of Tanjung Jabung Barat, Tanjung Jabung Timur and Muaro Jambi in Jambi Province, Jabung Block encompasses the total area of 1,643 square kilometers. The block was developed in early 1990s. Since 2002, PetroChina has disbursed US\$ 5 billion in investment and contributed \$ 9 billion in government share and \$ 3 billion in tax.

| MAIN REPORT

Reactivating Bangko Block

Words by Ida Royani and | Nyoman Suta | Photo by Ida Royani

It all started in early 2017 when our President Mr. Gong Bencai challenged us, the technical team, to think about the future of Bangko Block in Jambi.



Operated by PetroChina International (Bangko) Ltd., the block saw the last exploration activity in 2009. In 2017, the production was recorded as low as 10 BOPD. For a long period of time, we admitted that PetroChina had not properly developed the Bangko Block, especially due to infrastructure and technical challenges.

Anyway, the sleeping block is now awake.

In 2018, we decided to give it a go, starting the workover and well services projects in West Piano Field. We also plan for the gas production in Gambang Field. Last year, the management and technical team (Subsurface & Production Engineering) made a visit to Bangko Block to inspect the latest condition. That's when we were confident that this block could be developed in the near future.

The workover projects took place in West Piano-1 and West Piano-7, while West Piano-4 and West Piano-6 had well services. The workover in West Piano-7 took place between August 12 and 18, 2018. The well was online on Sept 1 with the initial production of 842 BOPD. Meanwhile, the workover in West Piano-1 were conducted from August 18 to 24, 2018. The well

was already online on Sept 3 with the initial production of 250 BOPD. The well was last tested on Sept 18 with the production of 262 BOPD.

The well services in West Piano-6 were conducted between July 25 and August 6, 2018. The well was already online on Aug 17 with the initial production of 45 BOPD. On September 6, the production was recorded at 108 BOPD.

In West Piano-4, the well services were conducted from August 6 to 12, 2018. The well was online on September 1, with the initial production of 69 BOPD. The last test taken on September 9 recorded the production of 139 BOPD.

This year's workover and well services program in Bangko Block had successfully increased the production from 10 BOPD to 1,300 BOPD (well test result). This exceeded our original target of 480 BOPD.

But the well test result would need many developments and follow up projects to really maximize the Bangko Block potential. We also need to improve the production facilities, including pipelines, manifold, gas boot and oil storage tanks.

| MAIN REPORT

"...and remember that life's a great balancing act" (Dr. Seuss)

Urban life moves fast and workloads could, in one way or another, wear us off. Therefore, a good company should also think about their employees' mindfulness for the sake of life and work balance. Over the years, PetroChina Indonesia has supported employees' communities that related to sports and religious practices. This year, we level it up.



Not only do we offer more hobby-based activities, we also formulate so-called "PetroChina Community Board" as a platform to accommodate those communities. Formed in early 2018, the board consists of several people, including myself as the board's chairman, while the members are Mr. Afdal (Communication Dept), Ms. Priscilla Maria Airlangga (Financial & Planning Control Dept.), Mr. Rafki Chandra Wibawa (Gas & Crude oil Planning Dept.), Ms. Bendrifia Brillianti (Communication Dept.) and Ms. Lena Ika Saputri (General Affairs Dept.).

Here's how we work: me and Rafki would take care of sport-related communities, Afdal and Priscilla do the religious-related activities, and Bendrifia and Lena would be in charge for arts and culture-related matters. Formally, we are set to start in early 2019 and will prepare the annual budget for all these communities, assist their regular practices, monitor their performances, and listen to other ideas or innovation offered by the community's members.

We believe it is important to divide the board into three sections so we could cater the idea and aspiration of hundreds of members of 24 communities. Honestly, that's a lot of communities to handle. Luckily, we have huge supports, both from the management and our fellow employees. The board works under the coordination of Vice President Human Resources and Relations Mrs. Maryke Pulunggono.

Introducing PetroChina's Community Board

Words by Pandu Haryo Prawiro
Photo by Diah Mahardika

Our vision is to develop the talents of employees in the communities, build employees' health and team work and to synergize the religious and cultural diversities among PetroChina employees. Of course, at the bottom line, what we really want to achieve is the work and life balance, a solid teamwork and friendship, as well as PetroChina's good image in public.

Recently, we invited all the representatives of communities to a meeting with PetroChina management. It was a full-house meeting, attended by more than 30 people, with full of new ideas and activities. New communities such as diving, fishing, photography, freeletics and martial arts were introduced, and we were all ecstatic! In addition to those adrenaline-pinching stuffs, we also have Moslem, Christian and Hindu communities; cycling; tennis; badminton; soccer; yoga; dance; and others. We also want to hear more from you. Just throw the ball (not literally) and let us know.

Next year, we will host at least 10 major corporate events and some internal competitions. We really hope that each of those event will showcase the diversities of PetroChina communities.

Meanwhile, of all things, be it tao kung or table tennis or zumba, there has got to be the one that suits you. So please pick one (or two, three, four, you name it) and have fun!

MAIN REPORT

A New Hope from Lombok

Words by Adrian Wibisono
Photos courtesy of Bondan Himawan and Erwin Andrianto

While mourning the fallen ones, we must work hand in hand to ensure Lombok people have enough support to recover and rebuild their life. Upstream oil and gas regulator SKK Migas and many oil and gas firms, including PetroChina, had channeled donations for people of Lombok.

Apart from that collective donation, PetroChina also initiated its own kind of assistance for the earthquake victims under "PetroChina Care for Lombok". PetroChina Care, the social-driven movement among PetroChina employees, was launched in June this year to collect and distribute aids and donations from employees to those in need. Some of the recipients of the donation are PetroChina employees, some other come from different background. The interesting part about the movement is that it is 100% employee's own initiative.

The first program of PetroChina Care was distributing 100 groceries parcels for janitors working in Menara Kuningan, the office building of PetroChina Jakarta.

We started small, but we moved quickly after learning about the Lombok earthquake. The PetroChina Care team managed to collect the donation of Rp 50 million, which later converted into grocery packages for families, from employees and management. A team of PetroChina Care, Mr. Herman S. Utama (GA Department), Mr. Erwin Andrianto (GA Department), and Mr. Bondan Himawan (IT Department) to Lombok to directly distribute the donations. They also invited Sr. Supt. Management Information System & System Admin; who is also a certified counselor, psychotherapist and life coach; Mr. Andika R. Nugroho to host trauma healing sessions for the quake victims.

Indonesia was shocked when a series of powerful earthquakes hit Nusa Tenggara Barat in August this year, with Lombok became the hardest hit area. The disaster took 390 lives and displaced more than 60,000 people.



The team headed to Lombok on September 23, 2018. There, the team was welcomed by a group of volunteers in Lombok led by Mr. Hasto Tyas. Apart from arranging the trauma healing sessions, Hasto's group was also responsible to channel the packages.

For the first stop, they went to Sembalun, Lombok Timur, where 250 high school students and eight of their teachers joined the trauma healing session. After that, the team stopped by Bilok Pitung Village to hand down the cash aid for the local reading corner.

From Bilok Pitung, the team traveled to the magnificent Rinjani mount slope and was invited to stay at the local leader's house. It was when Nugroho also made a quick trauma healing session for the volunteers.

"Most of them are young people, Java-educated generation, who want to return to their hometown to develop the city. They also experience the devastat-

ing impact of the earthquake," he said. According to Nugroho, rebuilding the strong mentality of the volunteers is very important during the reconstruction period. "Volunteers must protect themselves. Healers must be stronger so they can heal others," he said.

On the following day, the team traveled to Lombok Utara to have another trauma healing session. Nugroho said that trauma healing session could boost the positive energy among the displaced people. A trauma healing session attended by more than 50 mothers was filled with tears and other heartbreaking reactions. It was normal because people released their emotional distress due to the disaster.

Hopefully, the psychological assistance, as well as food package and other forms of donation from PetroChina Care could brighten their mind. May Lombok people have the hope and courage to rebuild their life.

No matter how small, PetroChina is proud to have contributed in the social program in Lombok. Currently, the team is collecting the donations from employees for the earthquake and tsunami victims in Palu, Donggala and Sigi in Sulawesi Tengah.

The 7.4 SR earthquake hit Palu and several other areas on September 28, and was followed by powerful tsunami in the area, killing more than 2,000 people. At least 82,000 are evacuated and currently live in temporary shelters.

The earthquake also triggered the liquefaction, a phenomenon when the soil loses its strength due to a sudden stress, in Palu. The National Disaster Mitigation Agency estimated that 1,700 houses were buried during the liquefaction process. The casualties of this phenomenon could reach 5,000 lives but evacuation process had been closed due to challenging circumstances.





MANAGEMENT NEWS

Petrochina President Invited as Guest Lecturer in UGM

Words by Lutfi Rakhmawati | Photos courtesy of Communication Dept.

PetroChina International Companies in Indonesia signed an agreement for internship program with Yogyakarta-based Gadjah Mada University (UGM) on August 24, 2018.

The Memorandum of Understanding (MoU) was signed by PetroChina President Mr. Gong Bencai and Dean of Engineering Faculty of UGM Professor Nizam. Previously, PetroChina had signed the similar agreement with Bandung Institute of Technology (ITB) in Bandung, West Java, and Trisakti University in Jakarta.

According to the agreement, fresh graduates from bachelor and master degrees are welcomed to join oil and gas-related projects in PetroChina's Jakarta office or Jabung Field in Jambi. The candidates of the internship program will undergo several tests that involved PetroChina's HRD and overseen by a team of lecturers.

On the same day of the MoU Signing Ceremony, Mr. Gong was also invited to speak on a guest lecture session attended by graduate and undergraduate students of Geological Engineering of UGM. His talked about the dynamics and challenges in earth resources extraction industry in front of more than 50 students.

It was a full-house and by the end of the guest lecture sessions, many students raised their hands for questions. Some of the questions highlighted the students' huge curiosity about PetroChina's experiences and future plans in Indonesia, including on non-conventional exploration. "PetroChina has done many unconventional projects in various countries in the

world. So we have the experience. We are very interested in doing the unconventional ways because we have the technology," Gong said. Other students focused their interests on whether PetroChina was interested in newly-introduced gross split mechanism. Gong assured that PetroChina would follow all government's regulation and was ready to work under gross split scheme.

"Gross split even gives the company more freedom so we can make faster decisions. For PSC, there are so many process and approval and they delay the operation. The gross split has positive and negative, but we must focus to change the negative to positive," he added.

While talking about PetroChina's operations, Gong also highlighted about the company's commitment to improve the welfare of the local community.

"We not only come here for investment. We also make contribution to economic betterment for the communities. While we're here we must help them. We allocate around US\$ 2 million per year for our social programs. We mostly hire local people to work for us".

While visiting UGM, Mr. Gong, who was accompanied by VP HR and Relations Mrs. Maryke Pulunggono also met with Vice Rector for Cooperation and Alumni DR. Paripurna.



MANAGEMENT NEWS

Petrochina's Business Focuses on Growing Domestic Market

Liu Hongna, Vice President Business

During the past decade, oil and gas industry has experienced major paradigm shift in fulfilling global energy demand. Recent elevated concern about environmental issues and limited oil reserves encourage exploiting natural gas to be an attractive alternative before fully turning into renewable energy resources. PetroChina Indonesia has adjusted its business with the current global trend, proved by its 75% of total revenue comes from natural gas product.



At the same time, PetroChina Indonesia as the biggest LPG producer on upstream side continuously contributes to national LPG supply by selling Jabung LPG to Pertamina around 1450 MT/day or equal to fulfill 13% of national LPG demand. It generates around 26% of total Jabung Block revenue.

We are committed to support the growing domestic market for oil, gas and condensate. In fact, 60 percent of crude and condensate produced from PetroChina Indonesia's Blocks are lifted to domestic refineries, either by tanker or pipelines, while the other 40 percent are exported to various international markets, such as Singapore, Malaysia, Thailand and Australia.

Throughout this year, we faced many challenges in sales and liftings activity. Obtaining export permits became one of the major issue. However, with Petrochina's spirit of being pro-active and continuous mutual communication, we managed to get those permits in timely manner. The smooth executed sales, incremental sales quantity and price of PetroChina Indonesia leads to an excellent commercial achievement by increasing Jabung Block revenue around 34% compared to last year's sales.

PetroChina Indonesia is one of the top ten upstream oil and gas company in Indonesia which produces gas, LPG, crude and condensate. Vice President Business is responsible for both commercialization and lifting operations of sales products from Jabung and Kepala Burung (Basin & Island) Blocks.

In 2017, PetroChina Indonesia started to supply gas to PLN Batam for generating 120 MW electricity in Batam Island, resulted in gaining revenue of Jabung Block around 3.5%. PetroChina Indonesia also supports local government by supplying gas to local state own enterprise for generating 7 MW electricity as per signed agreement.

Success in carrying out the above-mentioned lifting operations and sales is the result of great coordination, cooperation and continuous support from SKK Migas, Directorate General of Energy and Mineral Resources, Ministry of Trade, Partners and Stakeholders. PetroChina Indonesia also strives to commit for having good compliance with applicable regulations and procedures. Moreover, PetroChina Indonesia constantly maintains strong relationship with buyers in order to meet mutual satisfaction.

Following this year's achievement and sustaining our best efforts, we are committed to support management objective of 60.000 bopd production rate by finding new potential gas buyers and maximizing LPG and Crude/Condensate lifting in accordance with the entitlement of all lifting parties. PetroChina Indonesia will also continuously comply with government regulation to fulfill domestic demand while keeping in line with company's interest to have safety operation and gain higher profit.

AWARD

Petrochina Receives Appreciation for Procurement Efficiency

Article and photos prepared by Communication Dept.



PetroChina International Jabung Ltd. (PCJL) and eight other Production Sharing Contractors have received the appreciation from oil and gas regulator SKK Migas for their good performance in the industry.

The appreciation was awarded during the Gas Indonesia Summit & Exhibition 2018 in Jakarta on August 1, 2018. SKK Migas Deputy Chairman for Finance and Monetization Mr. Parulian Sihotang, on behalf of SKK Migas Chairman Mr. Amien Sunaryadi, handed the token of appreciation to Vice President SCM and Operation Supports Mr. Gusminar, who represented PetroChina President Mr. Gong Bencai.

PetroChina received the appreciation for Procurement Time Management Efficiency. Other firms received the appreciation for various sectors such as Optimization of Asset Utilization, Exceptional Endeavour in Implementing PSC Gross Split and Initiatives in Financial

Compliance, Best LNG Achievement and Growth, Custom Management, Fuel Strategic Agreement Utilization, G&G Team of the Largest Gas Discovery in 2017, and Best GGRE Team for Commercialization Acceleration of Exploration Block.

Parulian said that the companies have created multiplier effects for the society and deserved the appreciation. "We took long and thorough discussions with technical and non-technical teams in SKK Migas before we announce this appreciation," he said.

AWARD

PetroChina International Jabung Ltd. has received Zero Accident Award 2018 for categories of operations and explorations from the Jambi Province Administration.

Jambi Act. Governor Mr. Fachrori Umar presented the awards to Act. Field Manager Jabung Mr. Slamet Supriyanta during a ceremony on September 21, 2018. The Zero Accident Award is a form of government appreciation to companies in the province that applied occupational safety and health (K3) for its employees.

Fachrori Umar said that achieving "zero accident" status required hard work and determination of all parties, including the companies and their employees, the occupational safety and health experts, labor inspectors and government institutions overseeing such practices.

Slamet said that safety had always become the company's top priority. "This appreciation from the government will boost our spirit to improve our safety standard," he said.

According to Slamet, through the years, PetroChina has initiated efforts to enhance occupational health and safety works, including through trainings and seminars for employees.



Petrochina Achieves Zero Accident Award 2018

Article and photos prepared by Comdev Jabung

EMPLOYEE NEWS

General Affairs Dept. Adapts Gemba Philosophy

Words and photos by Dominica Riyani

It has been more than a month since the General Affairs Department in Jakarta Office try to practice the Gemba philosophy. Adapted from Japanese concept of well-organized and cleanliness in home/work station, Gemba encourages us to regularly improve the small things around us.

The concept focuses on achieving continuous improvement through activities on the work floor. In the end, Gemba is also expected to increase our mindfulness and safety awareness.

The Jabung Logistic team, under the leadership of Mr. Ferry Matita, had implemented this simple yet effective concept in the past few years. As the result, they could manage to keep the warehouse neat and organized. For this excellent practice, the department received than award for management of state property from the Ministry of Energy and Mineral Resources in 2014.

We started to apply this concept in early September. Every Monday morning, all department members do what we call as "Gemba Walk" around the lobby floor. We improve things we encounter, such as picking up trash, wiping the table,

rearranging the books and documents and so on.

Basically, there are five principles of Gemba: clean, concise, neat, maintain and safety. So, while we do the field observation, check the problem, find out the actual facts and take temporary countermeasures on the spot, find out the root cause and standardize the prevention of recurrence.

From regularly practicing it, we also learn about the teamwork and our awareness on our surrounding. The progress might be slow, but we start to see the improvement of some things. Now everyone is mindful to keep their working station neat and organized. Gemba also enables us to spot safety-related problems quickly, such as broken roof and electricity cables.

Through Gemba practices, our department members learn how to do house-keeping, create better working environment, understand the work process, and be discipline with cleanliness and punctuality.

Personally, as the General Affairs Department, we are responsible for the wellbeing of other employees. We provide various kinds of services to other department. Therefore, the philosophy of Gemba to "walk" and find things, rather than "sit down" and wait for the service request, really fits us.

Having said that, we are confident that the concept could be implemented in other departments.

We start small but expect the big result. And we can do it together.



EMPLOYEE NEWS

Participating in China-Indonesia Cross Culture Interaction Program

Words and photos by Novita Adi

PetroChina Indonesia company has been recently invited to join the China-Indonesia Cross Culture Interaction Program, the annual event hosted by the Ministry of Commerce of the People's Republic of China and the Embassy of People's Republic of China's in Indonesia

This year, a total of 18 people from various Chinese companies operating in Indonesia, including myself as the representative of PetroChina Indonesia, joined in this 7-day program that run from September 6 to 12, 2018. We went to Changping, about two hours driving from Beijing, and stayed at the Academy for International Business Officials (AIBO) facility during the program.

The main objective of this program is to learn Chinese business culture. We had some sessions, delivered by wonderful professor and lecturers, that both insightful and beneficial for our knowledge. In addition to the class



lecture, we also had opportunity to visit the famous Great Wall and Forbidden City, China ASEAN Centre, as well as Glodon Enterprise - a big IT company in China.

Speaking of culture, there were some unique and unforgettable lessons that I had. The first is about taking compliment. In Chinese culture, if someone compliments us, it is not common to accept it. Instead, we should divert the compliment to the counterpart. So, when someone says "Your dress is so beautiful today", we might want to reply it with "Yours is also very beautiful". I also learn that, as a show of respect, we should put our glass in lower position than our

superiors/elderly people during a toast occasion. Another one noteworthy principle is to never directly and openly turn down an invitation from someone. We must give some excuses while still demonstrating our eagerness to attend the invitation. It is best to say with "I would love to attend, but unfortunately..".

Those are only few samples of the unique culture that I learn from this trip. But the most essential value is that I am aware now of the importance to learn Mandarin language. This trip has ignited my curiosity to learn Mandarin. Hopefully someday I will master it!



EMPLOYEE NEWS

Finance Team Hosts Gathering to Boost Performance

Words and photos by Lalitya Arum



PetroChina Finance Team gathered to attend Mid-Year Performance Meeting under the theme "One Team One Dream" from September 7 to 9, 2018. The theme, in addition to being in line with the company's value "One Company One Dream," was also chosen as an expectation that this event could strengthen Finance Team's togetherness as a part of one big team in PetroChina. This event was highly anticipated by participants because it was probably the first gathering in a very long time that involved all divisions under Finance Department: Finance Control & Compliance, General Accounting & Treasury, Accounts Payable, and Finance Reporting.

As we had so many employees in these departments, we took two buses to reach Jimmers Mountain Resort in Bogor, where we would spend the next 3 days. We didn't skip a beat after spending two hours on the road and went right away to have a merry dinner party. As is the case with any other gathering, we also had karaoke session. No less than our Vice President Finance & Control, Mr. Xu Yalin, and Senior Finance Manager, Mr. Li Rui, sang several songs in both Chinese and English. What a rare sight to see!

In the following day, we held an outbond that was an essential way to glue us all, literally and figuratively. Each game was actually designed to strengthen the teamwork and communication within the team.

Next stop is healing session. Contrary to the previous session, this session focused more on individual's state of mind. Mr. Andika Nugroho guided the participants to understand the importance of people's mindset and its impact on determining someone's success. This session was expected to help participants in achieving happiness and peace of mind by releasing their mental blocks and building a more positive mindset.

The event was officially ended that night with door prize and outbound winners announcement. None looked sad for not winning and not getting the prize. Because in the end, what matters most was not winning or losing, but having good time and enjoying the merriment with everyone.

EMPLOYEE NEWS

PetroChina's General Affairs Department joined the General Affairs (GA) Forum between August 30 and 31, 2018, in Bali. Initiated by upstream oil and gas regulator SKK Migas, the forum was aimed for networking, brainstorming and benchmarking for General Affairs community among oil and gas companies.

This year brought the theme of "Breakthrough through Synergy" and was attended by around 300 people. Vice President HR and Relations Mrs. Maryke Pulunggono, GA Manager Mrs. Dominica Riyani and several staff from GA-related departments.

SKK Migas Deputy Chairman Mr. Sukandar officially opened the forum, saying that "General Affairs is not a core business of the upstream oil and gas industry, but without general affairs the upstream oil and gas industry players cannot carry out its core business".

Amid the uncertainties of global oil prices, SKK Migas encouraged the oil and gas companies to perform efficient operation in general affairs, such as building leases, transportation for workers mobilization, facilities and equipment offices, service facilities, and official travel and accommodation trips.

The event presented some key speakers, including Surabaya Mayor Mrs. Tri Rismaharini, who shared her success story in governing the capital city of East Java Province, and Supreme Audit Agency (BPK) member Mr. Eddy Mulyadi Soepardi that stressed the importance of supervision as part of good governance.

The GA Forum committee also invited other speakers from PT Pos Indonesia, PT PP Properti, Indonesian Police, GOJEK, Agoda, ISS Indonesia, Green Building Council, Leads Property, and others.

Petrochina Attends General Affairs Forum
Words by Suyanto, photo courtesy of GA Department



EMPLOYEE NEWS

Exploration and Development Team Host Annual Meeting "Energy of Petrochina"

Words and photos by Lia Reulina Ketaren



PetroChina's exploration and development team held an annual meeting in Bogor from September 14 to 17, 2018. The annual meeting was attended by around 80 employees from various departments such as Exploration, Exploration Support System, Exploitation, Reservoir and Production Engineering. Vice President HR and Relations Mrs. Maryke Pulunggono also attended this event.



The Theme of this meeting was inspired by the spirit of Asian Games 2018 that just took place in Jakarta and Palembang. We brought the theme "Energy Of Petrochina" to ignite the energy and spirit to face every work challenges in the future. We also wished to establish team work, improve communication among departments, and more focus on details.

As an opening of the annual meeting, Senior Exploration Manager Mr. I Nyoman Suta and Senior Development Manager Mr. Budi Tyas Utomo delivered the presentation of Exploration and Development Strategy in Jabung Block as an evaluation

and coordination to achieve the company target in the future. The agenda on the following day was a team building for all participants, bringing up the message of One Spirit One Family. All of us had to compete in sports-themed games that designed in a fun and attractive such as water volley ball, mini futsal and blind penalty shoot.

Hopefully, in the coming years, the annual meeting agenda will be held with more creative and inspiring way, so employees are interested in joining this agenda to improve new spirit and work performances in PetroChina.

Where to find the giants? A note from G&G Days 2018

Words and photos by I Nyoman Suta

There is nothing bigger to ignite the curiosity of all geologists and geophysicists (G&G) than a discovery. Or even more preferred: giant discoveries!

Especially for Indonesia, which suffering from declining production but has many unexplored areas, the question of finding the giant (oil and gas fields) has never been more relevant. Therefore, the government and the G&G community regularly gather to discuss about all these possibilities. This year, the G&G Days took place in August and was organized by upstream oil and gas regulator SKK Migas. The purpose of this event was undoubtedly to understand how and where to find the hidden giant oil and gas fields in Indonesia.

Directorate General for Oil and Gas in the Ministry of Energy and Mineral Resources, Mr. Djoko Siswanto, highlighted that "the country need more giant discoveries". Given the importance of this meeting, PetroChina Headquarter delegated Mr. Lai Zewu, Director of Business Development at China National Petroleum Company (CNPC) to attend and captures the valuable future opportunities for PetroChina International Companies in Indonesia.

There are a number of lessons learned shared during the 2018 G&G Days to inspired and trigger the Indonesian geoscientist creativities for giant findings. I represented PetroChina Indonesia to share a case study in Jabung by introducing basement reservoir



discovery and its future in Western Indonesia basin. I also talked about Talang Akar producing formation, structural- stratigraphic combination trap to the flank of NEB Field, and possibility of angular un-conformity trap around Gemah and NEB area.

Western area is vastly been explored, "easy oil" was discovered many from this area and has been produced and consumed. Most of fields are exhausted, with a massive surface facilities and markets nearby. But Eastern Indonesia remains in a "young stage" of exploration. There are only several explorations but mostly ended in successful discoveries with great finding and tend to be gas prone area.

The challenges are deep water offshore, difficult terrain onshore; need more cost for operation prior to monetize the finding. But, the reward is there and this is where the giants are (most likely) hiding.

SKKMigas invited expertise of interested oil industry to join into five (5) working discussion groups to initiate a Regional study of Eastern Indonesia, Sumatra, Natuna, Java and Kalimantan. The group to have a chance to discuss evaluates & analyzes some key data such as seismic and wells in those region to encourage further exploration activity and findings. Apart from joining this event, PetroChina team also went to gain insight and discuss exploration strategies with some visit some academic institutions in Jakarta, Bandung and Yogyakarta.



PetroChina International Jabung Ltd. has successfully recorded reclamation and revegetation projects in five well sites which previously used for exploration activities. The three-year effort, started in 2015, has been highly appreciated by the Jambi Environment Agency.

The rehabilitated lands were located in five abandoned well sites in Sarinah #1, Gerbang #1, Ripah #4, Kajen #1 and North Kabul #1. Due to heavy oil and gas exploration activities in the previous years, those lands were inhabitable. The soil was very dense, and the ponds or mud pit (large tank that holds drilling fluid) were incapable of housing aquatic animals.

It took a great-length of efforts just to bring back the land fertility. The whole first year focused on cleaning the land, processing the density of the land and preparing the land for planting. The second year was about the maintenance of land fertilization and planting. The trees that brought to the land were carefully selected based on the geographical character, especially native plants. It is very important to feature the indigenous plants to keep the originality

of the land. In the third year, we finally saw the trees grew big enough, some of them already produced fruits, and animals returned to these locations.

During the visit to Sarinah #1 area in September 3, 2018, PetroChina's Operation and Facility Engineering Superintendent Mr. Widodo Ismanto said that the efforts paid off. "In three years, we saw significant changes in these lands. We are especially proud that some animals have returned to these lands and the native plants grow well," he said.

According to Widodo, these lands now have high conservation value and are suitable for reasearch and educational purposes, as well as nursery and ecotourism. "All of these purposes could add more values for our PROPER assesement," Widodo said.

After three years, there are 2,252 trees planted in Sarinah #1 (which finished its activities in 2004), 1,241 trees in Gerbang #1 (finished in 2008), 1,744 trees in Ripah #4 (finished in 2004), 891 trees in Kajen #1 (finished in 2004), and 943 trees in North Kabul #1 (finished in 2006).

Some of the trees such as Meranti, Jelutung, Sungkai, Lamtoro, Bungur, Red Balam, Angsana and Ketapang are highly valuable plants.

Head of Jambi Environment Agency Mrs. Evi Frimawaty said that the reclamation

and revegetation were essential for maintaining the biodiversity. "We are glad that PetroChina sets a great example on how companies take responsibilities to its environment. The reclamation and revegetation projects are also in line with the spirit of sustainable development," she said.

Head of Sungai Bungur sub-district, where Sarinah #1 is located, Mr. Tamin hoped that the land would be handed over to his administration. "There are many activities and programs that could support the wellbeing of the local people. So we hope that the government would leave the land for us to manage," he said. Based on the regulation, PetroChina must hand over the land to the government upon the successful reclamation and revegetation projects.

"We think to create the seed nursery for highly valuable plants, open the land for eco-tourism purposes and facilitate researches on indigenous plants in this area," Tamin said. Situated in 4.3 hectares of land in Muaro Jambi regency, Sarinah #1 is easily accessed by two-wheel and four-wheel vehicles.

Petrochina Records Successful Reclamation Project in Five Areas

Words by Lutfi Rakhmawati and Widodo Ismanto | photo by Lutfi Rakhmawati

OIL AND GAS NEWS

PetroChina International Jabung Ltd has successfully sustained certification of Environmental Health Safety Management System through audit of OHSAS 18001:2007 system and renewal Environmental Management System from ISO 14001: 2004 into ISO 14001: 2015 version.

As we are aware of, an international company is required to implement integration Environmental Health Safety Management System. PetroChina has strongly committed to implement both of ISO and OHSAS. The company fully supported the integration system by conducted Internal Audit and Management Review meeting as continual agenda before the integration

audit conducted. Hopefully this audit could be one of measurement to give feed back to line management, so all the non-conformance between the two systems can be corrected and will result in continuous improvement for the company.

An independent agency conducted the integrity audit to get objective point of view. PetroChina invited Sucofindo International Certification Services as one of credible agency to conduct system of ISO 14001:2015 & OHSAS 18001:2007 audit from September 19 to 21, 2018 in Geragai Field.

Jabung Field Manager, Mr. Slamet Supriyanta and all head of department attended the external audit opening. The audit started from line management, Top Management / Field Manager and Management representative. In the end

of the system audit, closing meeting held on September 21, 2018 at Geragai recreation hall. "Management will support the agenda, and I think we don't have any obstacle in infrastructure to success this audit and implement the system" said Field Manager Jabung Mr. Arif Hari Suseno.

The result of audit was concluded that PetroChina should correct all non-conformances both of minor and observation items. The corrective action for external audit items is one way of continuous improvement that should be completely done before new ISO 14001 and OHSAS 18001 certificate issued by Sucofindo.

Integrating EHS Management System in Jabung Field

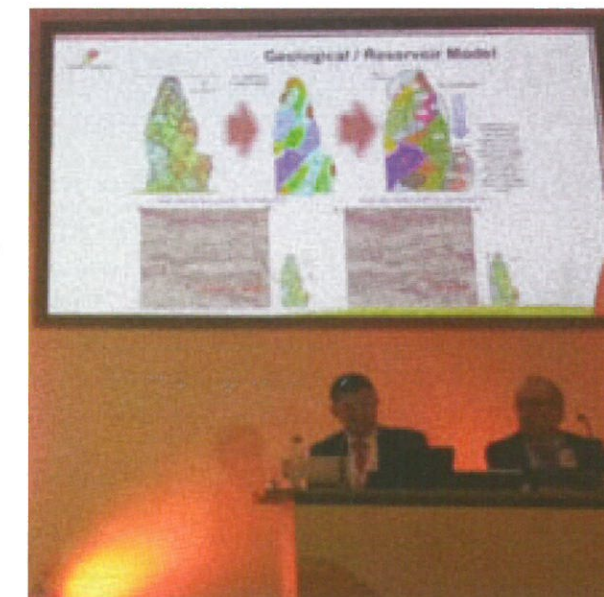
Words by Annurusshadiq and Surya Eka Saputra, photo courtesy of HSSE Jabung



OIL AND GAS NEWS

Technical Paper on Jabung Operation Presented in Barcelona Conference

Words by Wicaksono, photo courtesy of Syarif Kurniawan Tata



A technical paper presentation "CO2 STORAGE: A CASE STUDY IN GASMO FIELD SUMATRA, INDONESIA", which uses Water Zone in Segment-1 on Gemah Field in Jabung Block as a case, had been presented in the 30th Gastech Exhibition & Conference in Barcelona, Spain, on September 18, 2018.

The Gastech Conference & Exhibition is the leading event for the international oil & gas industry and a global meeting place for energy professionals working in the natural gas cycle. The Gastech exhibition showcased over 500 companies including major national and international oil and gas companies, including PetroChina, Qatar Petroleum, Exxon, Shell, Inpex, Gazprom, Total, Repsol, eni, CEPSA, and attracted around 30,000 visitors.

The paper was a collaborative work of PetroChina Sub-Surface Team, which consisted of myself, Mr. Muhammad Ridha and Mr. Romdoni, with Mr. Syarif Kurniawan, Manager of Geology Engineering from Exploitation Planning Division of SKK Migas.

Syarif, representing the author team, presented the paper during the 3-day conference, which started on September 17. The paper described the study result of Carbon dioxide (CO2) capture and storage (CCS) in water zone of TAF Sand at Gemah Field. The main focus of the study is about the possibility to store the CO2 - that -comes from the separation

system process consisting of CO2 source associated with hydrocarbon production and the CO2 separation from the existing Gas Plant into the water zone (miscible) of the TAF sand by using simulation software.

The study of the CO2 storage in Jabung Block is an effort to reduce CO2 emissions and greenhouse effects as a response to global warming and comply with Kyoto protocol, Doha amendment & Paris agreement. This paper was highlighted a very interesting topic because the application of CO2 Storage in Indonesia had yet to be implemented. Hopefully this study would provide some useful information to the research and development of CCS in Indonesia.

Operated by PetroChina International Jabung Ltd., the Jabung Block's current gas production has reached nearly 300 MMSCFD with more than 25% of CO2 content. The application of this method, by utilizing existing CO2 separation system plant, in Jabung Block is expected to reduce the cost and increase chance to success.

PetroChina Supports UGM Students' Community Services in Jambi

Words by Stefani Widiyani, photos courtesy of Communication Dept.

PetroChina Jabung has recently supported the social works run by a group of students from Yogyakarta-based Universitas Gadjah Mada (UGM). Between July and September this year, the students held various programs such as introducing the hidroponic agriculture system, improving the quality of local delicacy and providing education material for kids.

The UGM students were in Jambi for the community service initiative, an obligatory subject taken by students in their final year, and reached out to PetroChina for some sponsors. Knowing that the community-based programs offered by the students were in line with PetroChina's Corporate Social Responsibility (CSR) agenda, we were more than

happy to support.

The students's group that stayed in Rawasari Village, Berbak, Tanjung Jabung Timur helped residents, mostly women, to develop Abon Ikan delicacy for home-based business. Abon Ikan, one of popular side dish made from

fish, is made from ingredients that are easy to find in their surrounding. While selling the fresh fish is a source of income, creating the fish delicacy will add the economic value.

After hosting a cooking demo, the students discussed with the locals on how to improve the flavor



and plan the marketing strategy. The students assisted the locals in making a small and simple business plan, guiding them to calculate their capitals of producing materials and packaging. Then, the students demonstrated a simulation on how to record financial transactions and calculate loss and profit. In the future, the students hoped that abon ikan could become the alternative food commodity from the area.

Emi, one of the residents, said she considered making abon ikan. "Usually we make and sell banana chips, but the cookin time is too long and the capital needed for production is too large. Making abon seems simpler and the ingredients are relatively easier to get," she said.

Situated in Batanghari's riverbank, Pinggai Rejo hamlet, including its agricultural areas, is regularly flooded when the tide is high. During the flood season, the vegetables and fruits are hard to get, or come with expensive prices. That's when the UGM students had the idea to introduce the hydroponic method to more than 40 villagers.

In short, hydroponic is a way to develop a crop cultivation system, especially

vegetables, using water media. The hydroponic system can be installed in each house and only requires simple tools. With this method, the residents are encouraged to grow their own vegetable and enjoy the steady supply for daily consumption.

In the hydroponic workshop, hosted in August, the students showed how to prepare the plants. The hydroponic plants such as morning glory, chilli, tomato and spinach can be grown on pottery, Styrofoam, or used plastic glass. The container could also be replaced with bamboo.

Apart from personal consumption, the residents could also develop the village-owned hydroponic business to cater the wider market.

In the field of education, the UGM students heped providing the supporting materials in Kasih Bunda

preschool, Sari Rasa preschool, SDN 197/X Rawasari elementary school, SDN 198/X Rawasari and SMP 10 SATAP junior high school.

The aids were given in the form of books, educational posters, abacus, stationery, and sporting utilities such as badminton racquets, volley and soccer balls, as well as volleyball nets.

One of the pre-schools also received electronic books and various educational toys for the students.

Apart from supporting the formal education institutions, UGM students, with the support of PetroChina, also provided interactive books, teaching tools, Juz Amma, Yasin, and Iqra'.for the Muslim afternoon school for children.



HR UPDATE:

Petrochina Receives Appreciation in HR Summit 2018

Words and photos prepared by HR Department



The Human Resources Department of PetroChina joined the 10th HR Summit, held in Bali Nusa Dua Convention Center, from September 17 to 19t September 2018.

The annual event, initiated by upstream oil and gas regulator SKK Migas, invited reliable, successful, and experienced speakers to share their knowledge on how to manage and develop human resources in the future. The event was attended by 800 participants of HR experts various oil and gas firms.

It has been a decade since the 1st HR Summit was conducted in Indonesia, and throughout that time, PetroChina has always been supportive on the events by sending the HR team to participate. This year, PetroChina

received appreciation for its highly committed participants. SKK Migas Vice Chairman Mr. Sukandar presented the token of appreciation to HR Manager Mr. Dencio Renato Boele.

The 2018 HR Summit brought the theme of "Humanizing Technology in Managing Tomorrow People". Technology has emerged as one of the main tools in changing the way human thinks by replacing a stiff behavior or an old culture, to act or react, and that technology is proven to be more dependable, flexible, simplifies work, and produces fewer human issues.

PetroChina has used technology as a tool to communicate, to interact, by creating program to ease and fasten employee's activities and start to leave a manual and complicated process by simplifying the approval procedures such as Centralized Integrated Vendor Database (CIVD),



Document Tracking and Employee Self Service (ESS). We hope to make the most of technology to create more efficient operation.

By the end of the summit, the participants created 2018 Priority Action Plan on Managing an Upstream Oil & Gas Human Resource Proposal. Some of the important issues in the action plan include: Forming a formulator team of manpower policy concerning the expiration of Working Area; Establishing an implementation guideline concerning manpower relating to the expiration of Working Area; Establishing Change Management Program to mitigate potential manpower in Working Area Termination; To encourage top management in conducting a periodical business review by involving the human resource function; Starting the strategic workforce planning in early stage in relation to the company's condition.; Transparent socialization of the Company's condition and strategy especially one that has an impact to the employees; Creating a company's culture which can become a bridge to a generation gap; Developing a leadership style which can accommodate the needs of a generation gap; Implementing a development programs that can minimize a generation gap; Creating a room which supports the implementation of wellness program nearby the work area; Giving rewards to support employee's wellness by considering the demography; and Increasing the mindset and ownership of employees regarding health by implementing the wellness program.

EHS UPDATE

Heart attack is among the highest causes of death in Indonesia, especially in urban areas. At present, coronary heart disease as a cause of heart attack not only affect aging population but also many young people. One of the causes is the lack of awareness and knowledge about coronary heart disease. Particularly in PetroChina, heart disease has been a major concern. In fact, without the heart disease became the highest spender from medical benefit budget. Within two consecutive years of 2015-2016, the heart attack took two lives of PetroChina employees in Jakarta Office.

Let's Talk About Heart Attack

Words by Boy Hidayat, photo courtesy of Communication Dept.

It is very important to share knowledge and understand the urgency to shield our body from heart attack. Therefore, EHS Dept. hosted a health talk about heart attack on August 23, 2018. We invited Dr. Berlian I. Idris, Sp. JP (K), FIHA, MPH, DSc of OMNI Alam Sutera Hospital as the speaker for "Heart Attack in Urban Living" session. As a cardiologist, Mr. Berlian is an expert in the treatment of coronary heart disease.

The discussion was really lively and the room was crowded with audiences. The speaker delivered interesting and easy-to-digest information for the audience. Berlian explained that coronary heart disease could occur to those who have risk factors such as age, hypertension, cholesterol, diabetes, and unhealthy lifestyles such as smoking. Control of risk

factors with a healthy lifestyle is an effective solution to reduce the risk of coronary heart disease. However, if the upgraded lifestyle doesn't help, then therapy with drugs or the ring installation action must be carried out.

The employees attending the event were very enthusiastic in giving questions. The speaker acknowledged the questions raised were quite challenging and showed great curiosity and attention from audiences about coronary heart disease

Three PetroChina employees, who survived the heart attack, Mr. Zen Pardi, Mr. Syamsu Nulhakim, and Mrs. Riyanti Anggraeni, shared their experiences in dealing with the disease and the recovery process.

Speaking on behalf of Vice President Human Resources and Relations Mrs. Maryke Pulunggono, HR Manager Mr. Dencio R. Boele conveyed his appreciation of such event. It has been seven years since PetroChina last hosted another health-related event in 2011. He expected that the EHS Dept would make regular health talks twice a year. He also added that the company strongly encouraged the employees to build the healthy lifestyle. PetroChina has provided several sport-related communities so the employees could enjoy their preferred sports after working hours. Some of the communities are cycling, badminton, tennis, basketball, soccer, and bowling.



PETROCHINA COMMUNITY

Healthy Body And Mind With Tao Kung Practices

Words prepared by Tao Kung Community | photo by Diah Mahardika

Sick or even badly sick is often making some of us realize that our life, our health is much more worth than everything. It also becomes a "bell" or a life saver reminds us that this life is priceless



That's when Tao Kung, a series of simple body movement, could help us. Created by Suhu Gunawan a Head Master of Bangau Putih Body Movement Association in 1952, it started as a School of Silat. Slowly, the movement gained recognition from thousands of people who felt the advantages of regular Tao Kung practices. Many people feel that it creates harmony and wellness.

Through the tao kung's practices, we are invited to meet with ourselves. We are asked to greet every single part of our body that, sometimes, is missed from our attention. Regular tao kung exercises often give positive impact for several severe health problems such as stroke, cyst disease and heart disease. The tao kung community in PetroChina was introduced in July this year. Every Friday morning, around 35 employees would join this simple but effective body movement. In each session, we invite one coach and two of his assistants to guide us. We

are lucky that our members of management, including President Mr. Gong Bencai and Vice President HR and Relations Mrs. Maryke Pulunggono fully support this community.

Mr. Hasan Alam Wijaya, one of our members, said that he had benefitted from regular tao kung exercises. Hasan, who has suffered from tendons injury for quite a while, often had severe backache during a long-haul trip. Recently, he traveled to US and spent about eight days of tour. "At first, I had a doubt that I would enjoy this trip since I mostly went places by buses. I imagined my back would severely suffer. But practicing tao kung movements had prevented that ache!" he said. We believe that even simple act of caring to our body would give positive result to our overall health. We look forward welcoming all friends every Friday morning on the Mezzanine Floor from 7 AM to 7:45 AM.

PETROCHINA NEWS

PetroChina International Jabung Ltd. is committed to participate in the environmental protection efforts in its operational areas. As the oil and gas companies in Jambi, we are permitted to use the state-owned forest areas for our activities. In return, we must actively carry out obligations pertaining forestry permit, to support diverse and sustainable ecosystem.

On August 29, 2018, PetroChina initiated watershed rehabilitation which is the creation of 40-hectare area of Muara Sabak to be made as an urban forest in Tanjung Jabung Timur and another 493-hectare area of Sei Londerang Peat Land Forest in the same regency.

Business Support Specialist of SKK Migas, Mr. Setiyanto Aji Prahoro, Field Manager Jabung Mr. Slamet Supriyanta, Permit Matter Manager PetroChina Mr. Wahyu Gunanto and Permit Matter Superintendent PetroChina Mr. Tirta Negara attended the launch of the urban forest, as well as Jambi Governor Act. Mr. Fachrori Umar, Tanjung Jabung Timur Regent Mr. Romi Haryanto and Tanjung Jabung Timur Vice Regent Mr. Robby Nahliansyah.

According to the plan, the creation of Muara Sabak urban forest will cover a total area of 83 hectares of land and take place gradually in several years. The forest will be filled with native plants such as jelutung rawa, ramin, merbau, gaharu, pulairawa, leban, ketapang, tembesu, simpur, kelat, terap, asam kandis, asam gelugur, nibung putih, birabira, sagu, bungur and kasai.

"We hope that the urban forest would support the sustainable development and help to preserve the native plants in this area," Slamet said.

The forest is designed to fulfill three functions: as the main water absorption area, to support the city's development and to serve as ecotourism spot. PetroChina will be responsible for the creation and the maintenance of the forest, while the administration of Tanjung Jabung Timur will provide the supporting facilities for tourism.



Petrochina Initiates Watershed Rehabilitation in Urban Forest and Peat Land in Jambi

Words by Zainal Abidin | Photo by IT Jabung



In conjunction with the celebration of Indonesia's independent day on August 17, 2018, PetroChina International Jabung Ltd. also handed over the early-education facility to the people of Tanjung Jabung Timur in Jambi.

The facility consists of preschool building with three classrooms and two toilets, as well as educational toys. PetroChina Vice President Human Resources and Relations Mrs. Maryke Pulunggono officially handed over the preschool building, built in Pandan Jaya Village in Geragai, to Vice Regent Mr. Robby Nahliansyah.

Maryke hoped that the preschool building would provide comfortable and stimulating place for young kids to learn about the school system. "Good education starts as early as preschool. We hope that this facility could provide the strong foundation for their future education," she said.

PetroChina has put education as one of the key social programs. Over the years, PetroChina has provided mobile libraries, trainings for teachers, the construction of school buildings, scholarships for students.

Petrochina Hands Over Early-education Facility in Tanjung Jabung Timur

Words by Comdev Jabung | photo by IT Jabung

Farewell of Mrs. Liu Hongna and Mr. Zhao Jianwu

Photos by Diah Mahardika

Management and employees of PetroChina International Companies in Indonesia joined the farewell gathering of Vice President Business Mrs. Liu Hongna and Senior Project Manager Mr. Zhao Jianwu, in September this year.





Head of China State-owned Assets Supervision and Administration Commission of the State Council Mr. Yao Huan (right), accompanied by President of PetroChina International Companies in Indonesia Mr. Gong Bencai (left), visits Geragai Camp of PetroChina Jabung.



Delegates from State-owned Assets Supervision and Administration Commission of the State Council took a photograph during a visit to floating storage and offloading (FSO) facility, operated by PetroChina Jabung, in Berhala Strait, on August 1, 2018

Photos courtesy of IT Jabung

|| PETROCHINA EVENT

PetroChina and ConocoPhillips Host Meeting for Security Personnel

Words and photos prepared by Security Department

PetroChina International Jabung Ltd. (PCJL) and ConocoPhillips Grissik Ltd. hosted the meeting attended by security departments from various oil and gas companies in Belitung on July 26, 2018. The security meeting, which regularly held every two months, was aimed at improving the professionalism of security departments in the oil and gas industry.



Vice President HR and Relations Mrs. Maryke P.Y. Pulunggono, as well as VP Operations of ConocoPhillips Indonesia Mr. Idham Purba and Head of HR and Security Division of SKK Migas Mr. Zudaldi Rafdi gave the opening remarks in the meeting that attended by 64 people. General Manager Jabung Mr. Yu Guoyi also attended this event.

Following the theme of improving the professionalism of the security department, the committee invited three speakers: Dirbinpotmas Mabas Polri, Brigjen Pol. Istiono; Chief of the Association of Security Department for Oil and Gas Industry (ASIM) Mr. Dino Hindarto; Senior Security Manager of SKK Migas Mr. Suroso Soeharto and Security Manager of CNOOC SES Ltd Mr. Untung Medianto to share their knowledge and best-practices.

As the main personnel to guard the safety of oil and gas activities, the security department has developed the safety management system to oversee the whole operation in the industry. The security departments of oil and gas companies also closely work with other law-enforcement agencies, including the Police Department and the Indonesian Army.

In an attempt to increase the knowledge and connection between the personnel, the security department's association will host the Security Summit 2018, scheduled in October in Yogyakarta. of employees regarding health by implementing the wellness program.



The management and employees of PetroChina International Jabung Ltd. celebrated Indonesia's Independence Day on August 17, 2018, with a flag-raising ceremony and various games.

The flag-raising ceremony took place in Geragai Camp of PetroChina Jabung and was led by Vice President of Operation of SKK Migas Mr. Rudi Raditya Setiadji. The participants of the ceremony wore the traditional clothes of Indonesia to showcase the beauty of Indonesian culture. PetroChina's Vice President Human Resources and Relations Mrs. Maryke Pulunggono, Field Manager Jabung Mr. Slamet Supriyanta and other employees attended the ceremony.

The Independence Day was also celebrated through sports competition for employees, including soccer, badminton, and billiard. On the afternoon, local people around the camp also joined several fun games including panjat pinang (slippery pole), sack race and cracker-eating competition.



Celebrating Independence Day in Petrochina Way

Photos by IT Jabung

PETROCHINA EVENT



During the two-day meeting, the journalists joined the photography workshop and had sharing sessions about the latest development in national oil and gas industry. Spokesman for SKK Migas Regional Office, Mr. Muhammad Agus attended the meeting, representing SKK Migas Regional Office Chief Mr. Adiyanto Agus Handoyo. PetroChina Vice President Human Resources and Relations Mrs. Maryke Pulunggono, and Communication Manager Mr. Ginandjar also attended this event.

In one of the discussion sessions of the gathering, the journalists talked about how to detect hoax news and verify the sources of the news to avoid fake information. The photography workshop was expected to improve the journalists' skills in photo-taking.

Hallo Jambi Journalist Mrs. Musdalifah Rachim received the appreciation as the inspiring journalist.

SKK Migas Representative Office in Southern Sumatera and several oil and gas companies invited dozens of journalists from Jambi and South Sumatera on a media gathering in Bangka from August 13 to 14, 2018.

Skk Migas, Oil and Gas Companies Host Media Gathering for Sumatera Journalists

Words and photo by Rina Putri

SERVICES AWARD & RETIREMENTS

List of Recipient Service Award 2018 (August-October)

No.	Emp.No.	Name	DOH	Department	Job. Loc
2	133456	RAKHMAD ADI SUMARSONO	1-Aug-13	ENVIRONMENTAL, HEALTH & SAFETY	JKT
3	133458	NURLAINI NASUTION	1-Sep-13	MATERIALS	JKT
4	133459	I GUSTI MADE SURYANTARA ADINATA	1-Oct-13	ADMIN & FINANCE PPEJ	JKT
5	133461	RATRI WIBOWO	15-Oct-13	INTERNAL AUDIT	JKT
6	133462	AMELIA RIZKIASIH	7-Nov-13	LEGAL	JKT
7	133467	ADDERIO RYAN	1-Dec-13	HUMAN RESOURCES	JKT
8	133466	ALFARIZKY ZANNI	1-Dec-13	ENGINEERING JABUNG	JKT
9	132981	RIOTANTO HERLAMBAANG	11-Aug-08	ENGINEERING JABUNG	JKT
10	132495	LENA IKA SAPUTRI	2-Sep-03	GENERAL AFFAIRS	JKT
11	132496	ADHITYO RACHMAN WIBOWO	15-Sep-03	ECONOMIC & PLANNING	JKT
12	132502	ABU SAMAN	1-Nov-03	RESIDENT/FIELD MANAGER	JBG
13	132500	ASRUL	1-Nov-03	RESIDENT/FIELD MANAGER	JBG
14	132503	HOTMAN MANURUNG	1-Nov-03	RESIDENT/FIELD MANAGER	JBG
15	131760	DJAKARIA	1-Aug-98	FINANCE - ACCOUNTS PAYABLE	JKT
16	131783	HARIYONO	1-Aug-98	SECURITY	JKT
17	131786	JAHRODIN	1-Aug-98	SECURITY	JKT
18	131782	KUSBIJANTORO	1-Aug-98	SECURITY	JKT
19	131793	M.ARIF SULTONI	1-Aug-98	MATERIALS	JKT
20	131788	RIBUDDIN	1-Aug-98	SECURITY	JKT
21	131789	SUTIKNO	1-Aug-98	SECURITY	JKT
22	131785	TOHIRIN	1-Aug-98	SECURITY	JKT
23	131787	TONI KURNIAWAN	1-Aug-98	SECURITY	JKT
24	131790	YOHANI	1-Aug-98	SECURITY	JKT
25	131780	G.ERWANTO NUGROHO	15-Aug-98	INFORMATION TECHNOLOGY	JKT
26	131813	ANTON SUJARWADI	1-Sep-98	HUMAN RESOURCES	JKT
27	131834	ARNOLD STEVE NGGEBU	1-Sep-98	DRILLING JABUNG	JKT
28	131806	ASEP SYAFEI	1-Sep-98	CONTRACT DEPARTMENT	JKT
29	131814	EDISON MARPAUNG	1-Sep-98	SECURITY	JKT
30	131817	ENDANG SUHANDI	1-Sep-98	SECURITY	JKT
31	131809	PARDI	1-Sep-98	GENERAL AFFAIRS	JKT
32	131810	ARIS WARUWU	15-Sep-98	FINANCE - ACCOUNTS PAYABLE	JKT
33	131860	JAMALUDDIN	15-Sep-98	MATERIALS	JKT
34	131824	EDI JARWANTO	13-Oct-98	GENERAL AFFAIRS	JKT
35	131847	ARPIN SIREGAR	15-Nov-98	RESIDENT/FIELD MANAGER	JBG
36	131853	YOHANES IBNU HARTOYO	1-Dec-98	SECURITY	JKT
37	131286	SUMARNO	27-Sep-93	EXPLORATION - SYSTEM SUPPORT	JKT
38	131152	DEWI SUDARMINI	1-Sep-88	GENERAL AFFAIRS	JKT
39	131157	JAN MUSIPKI T. PANJAITAN	19-Aug-88	MATERIALS	JKT
40	131155	PREMI WIRASTUTI	15-Nov-88	ADMIN & FINANCE PPS	JKT

SERVICE AWARDS AND RETIREMENT

Retirement 2018

Payroll No.	Name	DOB	Position
Jakarta Office			
133666	KHAIRIL IQBAL	31-Mar-60	CHIEF GEOLOGIST
133612	AZMIRINI AZNAWI	18-Jun-60	PROD.REPORTING ACCT.SUPT.
133613	SURYORATIH P.	6-Jul-60	EMPLOYEE REL.SUPERINTENDENT
133026	D. ROBBY HUTOMO	13-Jul-60	MATERIALS MANAGER
132093	SYARIFUDIN	27-Jul-60	SR. DRIVER
132185	APAI DAHLI	3-Sep-60	SR. DRIVER
133616	ARIANTO KUMORO	14-Sep-60	OPERATIONS MANAGER JAVA
131167	ANNELISA AMANGKU	14-Oct-60	SR.EXTERNAL REL.SUPERVISOR
132305	EKO SUBAGIO M.	16-Oct-60	SR. MATERIALS LOGISTIC SUPT.
131563	TURIJAN	18-Oct-60	SR.DRIVER
131079	ISNAINI	6-Nov-60	CHIEF EXPLORATION
131998	MIR KRIDANI	28-Nov-60	EXPL.ADMINISTRATOR-I
132215	INDRA CAHYA	16-Dec-60	TELEX-RADIO SUPERVISOR-II

Jambi Field

133564	ERLIYAS ERZA	1-Jan-60	SR. CENTRAL SOUTH OPERATOR
133684	SRI SUYARTONO	10-Jan-60	PROD.FIELD SUPERVISOR
133173	JIMMY LASUT	18-May-60	SOUTH OPERATIONS SUPV-I
131528	THOMAS EDISON	15-Aug-60	SR. HSE & SECURITY SUPT.
131626	DJOKO HARDJONO	22-Aug-60	SR. MARINE OPERT SUPT.
132692	ADI SAMSERI	12-Oct-60	SR. ELECTRICAL SUPERINTENDENT

KMT-sorong Field

133052	SESWOYO RAKYO	30-Oct-60	ELECTRICAL SPECIALIST-II
131347	HARI SUCIADI	25-Dec-60	SR. SECURITY GUARD
133682	ZETH LEWARISSA	21-Jul-60	MAINTENANCE SUPERVISOR-I
133692	RONNY SAHETAPY	13-Aug-60	SECURITYMAN

Tuban Field Residential

131260	HERMANSYAH	2-Aug-60	SR. HEO/TRANSPORT FOREMAN
132180	M.ABDUL RONI	12-Dec-60	SR. SAFETY SUPERVISOR

