



Lampiran

7th Edition

The Face of
Indonesia

Read more on page 9
(Photo by Bondan Himawan)



PetroChina

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Letter from Editor

Dear all PetroChina team,

The year 2019 started with heavy and thunderous rain, which we all hope is a good sign of a prosperous year.

As we are approaching the Chinese New Year, we wish you a wonderful year filled with good health and much love. In this edition, you will find out more about the rituals that people do for Chinese New Year, from eating delicious steamed fish to lighting up firecrackers.

Since it is our first 2019 Lampion, we are also serving you some of our "firsts". We proudly present you the story about our first Lampion Photo Contest in 2018. Be prepared to feast your eyes on our best 10 photos. This January, we are handing over our social responsibility programs in Suku Anak Dalam. This is our first program for the indigenous community in Jambi province. Hopes are high for the program to succeed, so finger crossed!

Hopefully, you will enjoy this edition and feel free to contact us should you have interesting stories that you would like to be featured.

Keep calm and stay dry,
Lampion editorial team

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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.

Message from President



Dear employees,

Selamat tahun baru!

It's just January but we already have so many good things going on. We welcome the new General Manager Jabung Mr. Nie Changmou. I am looking forward to our strong teamwork in the coming days.

Just few days ago, I went to two very remote areas where two clans of indigenous group Suku Anak Dalam reside. PetroChina just handed over two programs of clean water, education and health facilities for the community. Honestly, this is a small beginning for PetroChina, but it's still a good start. I hope we will do more social programs for various communities around Indonesia.

All in all, PetroChina had a good run in 2018. Our production increased and the 60,000 BOEPD milestone continues in January 2019. That improvement was the result of efficient operation and made without additional investment. In HSE aspect, we secured the Green Proper for two years in a row and are optimistic to eye the Gold Proper this year.

Last year, we also saw the significant growth in PetroChina communities. We have 24 communities that facilitate our

employees' hobbies and interests in sports, culture and religious activities. Amid the natural disasters that struck Indonesia, I am glad we could channel our donations to people of Sigi, Lombok and Tasik.

Now that we are in 2019, we will try our best to keep the production in good rate and do explorations in open areas. We will also seek for Jabung Extension's proposal. As much as we focus on the operation, we will pay attention to employees' health. We also hope to start the individual's improvement training, which will be beneficial to add the skill and competence.

I want to close this message by wishing you all a good and productive year. Let's hope we can perform better, reach out to more communities through well-designed social programs and improve our employees' well being.

Salam,
Gong Bencai

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MAIN REPORT

Petrochina Hands Over Donations to Sigi People

Words by Lutfi Rakhmawati | Photo by Diah Mahardika

Around 30 families have been living in Sibalaya Utara Integrated Community Shelter (ICS) for a while when PetroChina Indonesia symbolically handed over the facility to the people of Sigi Regency in Central Sulawesi on Tuesday, December 11, 2018.

More than 200,000 people lost their home after a powerful 7.8 SR earthquake hit Palu, Donggala and Sigi in Central Sulawesi in September. The disaster, followed by massive tsunami and liquefaction, took thousands of lives and severely injured many more.

Supported by upstream oil and gas regulator SKK Migas, PetroChina Indonesia channeled the donations for people affected by the disaster through humanitarian foundation Aksi Cepat Tanggap (ACT). The company supported the construction of Sibalaya ICS, as well as Al Abrar Mosque, which was severely damaged by the earthquake.

President of PetroChina, Mr. Gong Bencai, accompanied by Vice President Human Resources and Relations Mrs. Maryke Pulungono and Communication Manager Mr. Ginandjar attended the groundbreaking event of Al Abrar Mosque's construction and met with people living in the shelter.

Apart from symbolically handing over the ICS and meeting its residents, PetroChina also donated 1,000 food packages.

ACT, translated as Fast Action Response, was founded in 2005 and has since engaged in social and humanitarian works in Indonesia and abroad. The foundation is involved in post-disaster works and often teams up with other entities to rebuild the damaged buildings.

Ms. Susana Kurniasih, representing SKK Migas Deputy for Business Support Mr. Muhammad Atok Urrahman, ACT Partnership Manager Mr. Catur Widodo and ACT Central Sulawesi Branch Manager Mrs. Nurmarjani Loulembah also attended those two events.

The ICS is equipped with temporary homes, mosque, playground and public bathrooms. "We hope the integrated community shelter will accommodate the needs of those families," said Gong.

Head of Sigi Religious Affairs Department Mr. As'at said that the reconstruction of Al Abrar Mosque meant so much for the local communities. "The mosque is more than a place to pray, but also a center of community activities. For us, a mosque is the place to heal our soul," he added.



| MAIN REPORT

SKK Migas - PetroChina for Suku Anak Dalam

Words by Dodi Ibnu Fajar, Lutfi Rakhmawati
Stefani Widiyani | Photos by Diah Mahardika

It was not until late January 2019 that Tumenggung (clan leader) Rusli and other 33 families in Gurun Tuo Village had their own water source for daily needs. Previously, they had to walk for three kilometers to get the clean water.



As a tumenggung, a clan leader of Suku Anak Dalam (SAD) indigenous community, Rusli has led his people long before they inhabited the government-built housing complex almost three years ago. Traditionally, SAD is a nomadic tribe that relies on hunting and gathering for living. However, as the development and modernization reached the vast forests of Jambi, some of them, like Rusli's clan, decided to stay permanently in an area. Located in Mandiangin District, Sarolangun Regency in Jambi, their housing complex had decent wooden houses, painted in white. Unfortunately, the neighborhood did not have its own water source.

Following a careful assessment and discussions with The Ministry of Social Affairs, Sarolangun Administration, and local NGO Warsi, SKK Migas-PetroChina Jabung decided to provide a clean water and sanitation facility for the clan. The project, first of its kind for PetroChina, began in November 2018 and finished in January 2019.

"I feel proud that we now have our very own clean water facility," Rusli said. PetroChina officially handed over the facility in January 28, 2019, along with health and education shelter for another SAD community in Bukit Suban Village in Air Hitam District, Sarolangun. PetroChina President Mr. Gong Bencai; Director for Indigenous Communities' Empowerment at the Social Ministry of Republic of Indonesia, Mr. Harapan Lumban Gaol; Vice Regent of Sarolangun, Mr. Hillalati Badri; and Mr. Adiyanto Handoyo, Head of SKK Migas Representative Office in Southern Sumatera; attended the handover and met with the members of SAD in two areas.

The water facility, even in small-scale, was a worthy improvement for the community. "We are moved since you go all the way to our place to build this facility," he added. It took more than six hours of driving from Jambi to reach the area. Gong hoped that this pilot project would turn into bigger programs in the future. "This is a small but promising pilot projects for us. In the future, we hope to make more programs for the indigenous community. It doesn't matter if they live far from our operational areas," he explained. "Our supports will help SAD members to improve their lives". According to Gong, health, education and basic sanitation facilities are among the most needed needs for Orang Rimba, another way SAD is called.

Their naturally isolated lives have made them lacking in necessary immunity to fight diseases that arise from rapid industrialization. Having health facilities that cater to modern diseases will hopefully help them to survive for many years to come. While health facilities will help them survive physically, these educational facilities should be the starting point for their lessons about the world beyond the forests. By learning about what happens beyond the tall trees in the forest, hopefully, the future generations of Orang Rimba will have some ideas about adapting to the modern world while holding on to their traditional values.

MAIN REPORT

“Slow down” is not in PetroChina Jabung’s dictionary. Even after almost 20 years of Jabung’s production, and with less than five years from the block’s expiry date, PetroChina successfully recorded the 60,000 BOEPD milestone in 2018.

Jabung Block’s average daily production in 2018 was recorded at 55,114 BOEPD, higher than WP&B target and showed a constant increase since 2016. The block’s production in October even reached the historic 60,000 BOEPD, the same number recorded during the peak production of Jabung Block in 2009. Naturally, a block’s production would decline as years go by, but with some efforts from all Jabung team, we could up the production in the last quarter of 2018. The Jabung production is going steady on 60,000 BOEPD level in the beginning of 2019.

There have been some key factors contributing to Jabung’s record-breaking production in 2018. First, two new PODs in Sabar and Panen Field that included under twelve drilling programs and four new completions, all which resulted an initial test of 4,842 BOPD and 29.0 MMSCFD. Second, the fourteen workover wells that completed and contributed initial production of 2,855 BOPD and 7.8 MMSCFD. Third, 108 well services activities to maintain production level and also contribute initial production gain of 663 BOPD & 2.7 MMSCFD. Fourth was 10 gas wells (WB-SB, Marmo-2) on stream with initial production gain 1,858 BCPD & 22 MMSCFD.

The speed up facilities installation of new and workover wells and Jabung Field operational that could maintain its performance with no plant shut down also give major contribution to PetroChina Jabung to reach its production target this year.

General Manager Jabung Yu Guoyi extended his gratitude to the management and SKK Migas for this important milestone. “Our management fully supports us and approves the drilling, completion, workover and well services program. They also ensure that we conduct those programs safely and successfully so we can achieve higher production,” he said.

Yu also thanked the entire Jabung team for the dedication to achieve the target. “The team from subsurface, facility, production, maintenance, Jakarta teams, and especially field staff in Jabung did their own part and consistently implemented hard work, smart work and safe work,” he added. There is a saying in China that the united team has huge power. Let’s hope that PetroChina’s strong teamwork will get us to even better production rate in 2019.

Petrochina Jabung Records 60K Milestone in 2018

Words by Vera Veronica and Lutfi Rakhmawati | Photo courtesy of Communication Dept.

MAIN REPORT

Lampion Photo Contest 2018 Unveils PetroChina’s Passion for Photograph

Words by Stefani Widiyani

The committee of PetroChina Lampion Photo Contest announced the winners of the competition during the Service Awards Ceremony on Monday, December 3, 2018. Taking the “Face of Indonesia” as the theme of the contest, 67 submissions were received from PetroChina employees in Jambi and Jakarta. Ms. Ira Lengkong was chosen as the first winner of the competition with her photo, titled “Anak Suku Bajo” which was taken in Takabonerate Island, South Sulawesi. The second winner was Mrs. Alfiani with “Peace at Kawah Putih Lake”, taken in Ciwidey, West Java. The third best picture was Ms. Maya Resha’s with “Enjoy the Silence”, taken in Ancol Beach, Jakarta.

The theme was chosen by the committee to showcase the diversity in Indonesia. The archipelago is made of 17,000 islands and holds more than 300 ethnic groups, a privilege not many countries can enjoy. The theme is visibly reflected on the submissions which are dominated by landscape photography. The competition was blindly judged to ensure objectivity. PetroChina Indonesia President, Mr. Gong Bencai was among the three judges together with Mr. Budhy Chandra, a professional photographer, and Mr. Dodo Karundeng, an Antara photographer.

According to one of the committee members, Lutfi Rakhmawati, “the competition was held to explore employees’ photography skills.”

“Lampion is here to facilitate and display employees’ works. Soon, we will also have a photography club so this photo competition is a good warming up.” She added.

Every picture contains a story

We think almost everyone would agree that behind every great picture is a story worth telling. First winner, Ira Lengkong, told Lampion team about the story behind her picture, “Anak Suku

Bajo”. Suku Bajo or Bajo Tribe is originated in Sulu Islands, Southern Philippines. In Indonesia, the tribe can be found around Borneo and Sulawesi. Ira also told Lampion team that the tribe is an ocean nomad. According to a Kompas.com article on April 22, 2018, the tribe is the first humans genetically adapted to diving.

“I’ve always wanted to catch them on camera. So that is why I was really glad when I could do it. I’ve watched some documentaries about them, that’s where my interest in Suku Bajo stemmed from,” said Ira.

Maya Resha, the third winner of the competition also shared her story. “I took the picture in Ancol Beach. The foreground was unexpected. The original spot to take pictures has been relocated since the last time I hunted for pictures in Ancol.”

Ancol is a famous recreation area located in the northern bay of Jakarta. As the only beach in Jakarta, Ancol has always been famous for its photo spots and photographers, professional and amateur often flock to the area to capture their favourite objects.

Moving forward

In the future, the competition will be an annual event to encourage employees to pursue a creative interest outside of work. As mentioned above, this will also be a starting point for a photography club in PetroChina. In addition, the competition is a good way to learn and exercise everyone’s photography skills.

Second winner, Alfiani, mentioned that the competition has helped her to find her confidence in photography. “This competition has motivated me to take more pictures because I know that I can do well in this,” she says.

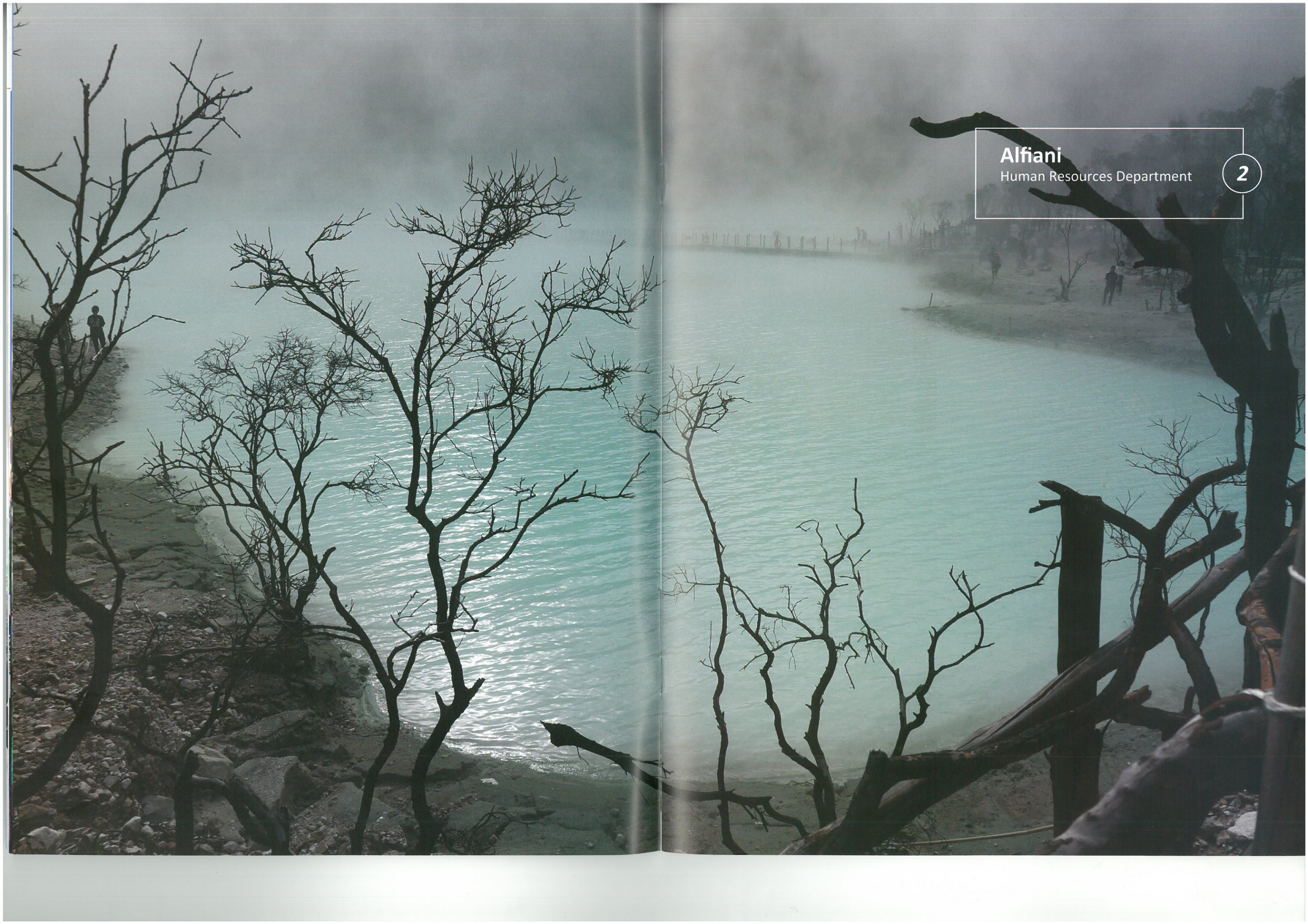
One of the judges, Dodo Karundeng, hoped that the competition will encourage more people to get into photography. According to Dodo, photography encourages people to appreciate visual art and understand social phenomenon. He hoped that this competition would motivate PetroChina employees to be more aware with their surroundings, to keep practicing their skills and later would be brave enough to enter bigger contests, nationally or internationally. Please enjoy the best 10 pictures that have been chosen for you.

Ira Lengkong

Financial Planning and Control Department

1





Alfiani
Human Resources Department





4

Diah Mahardika
Communication Department



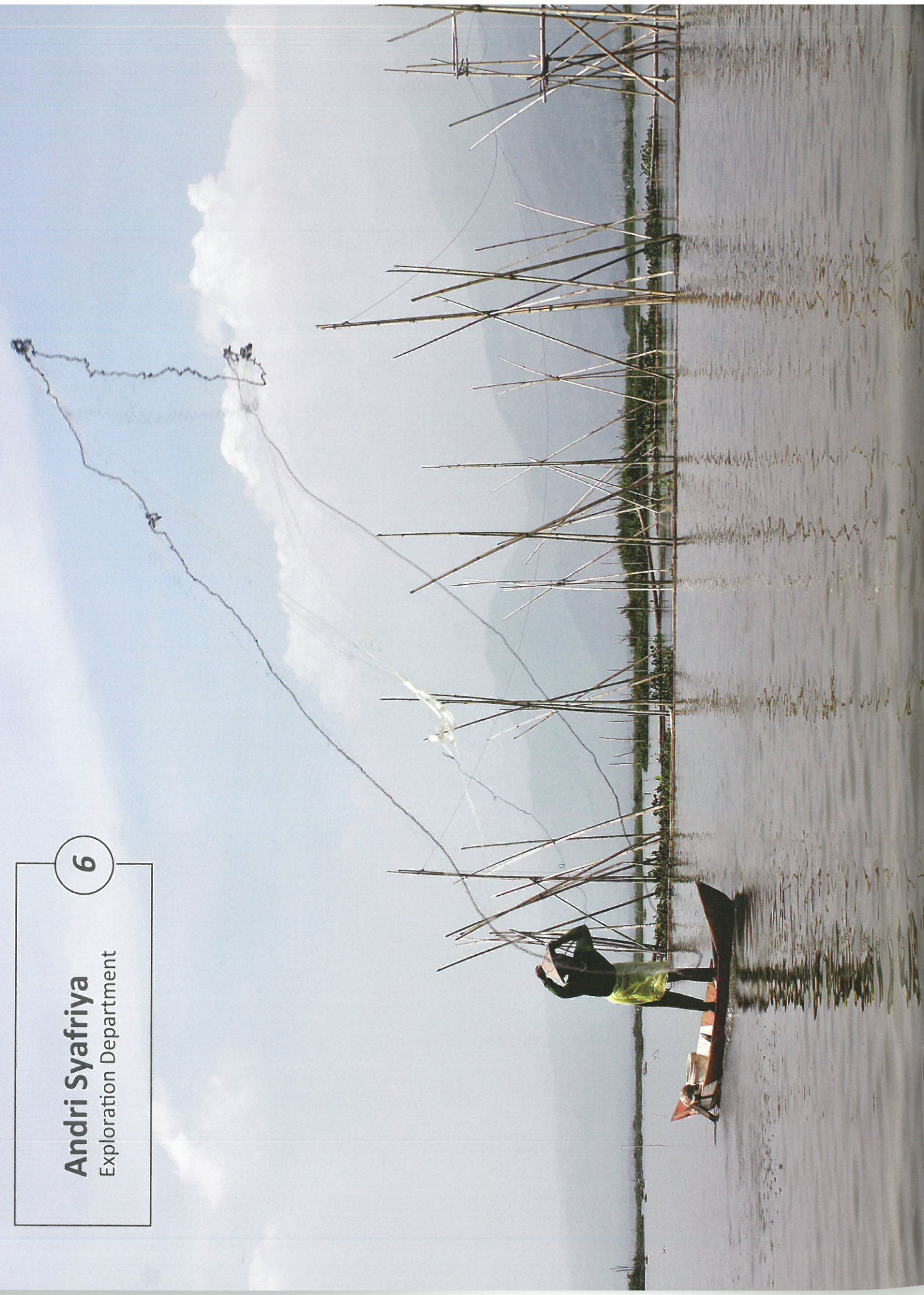
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Bondan Himawan
IT Department

Andri Syafriya

Exploration Department

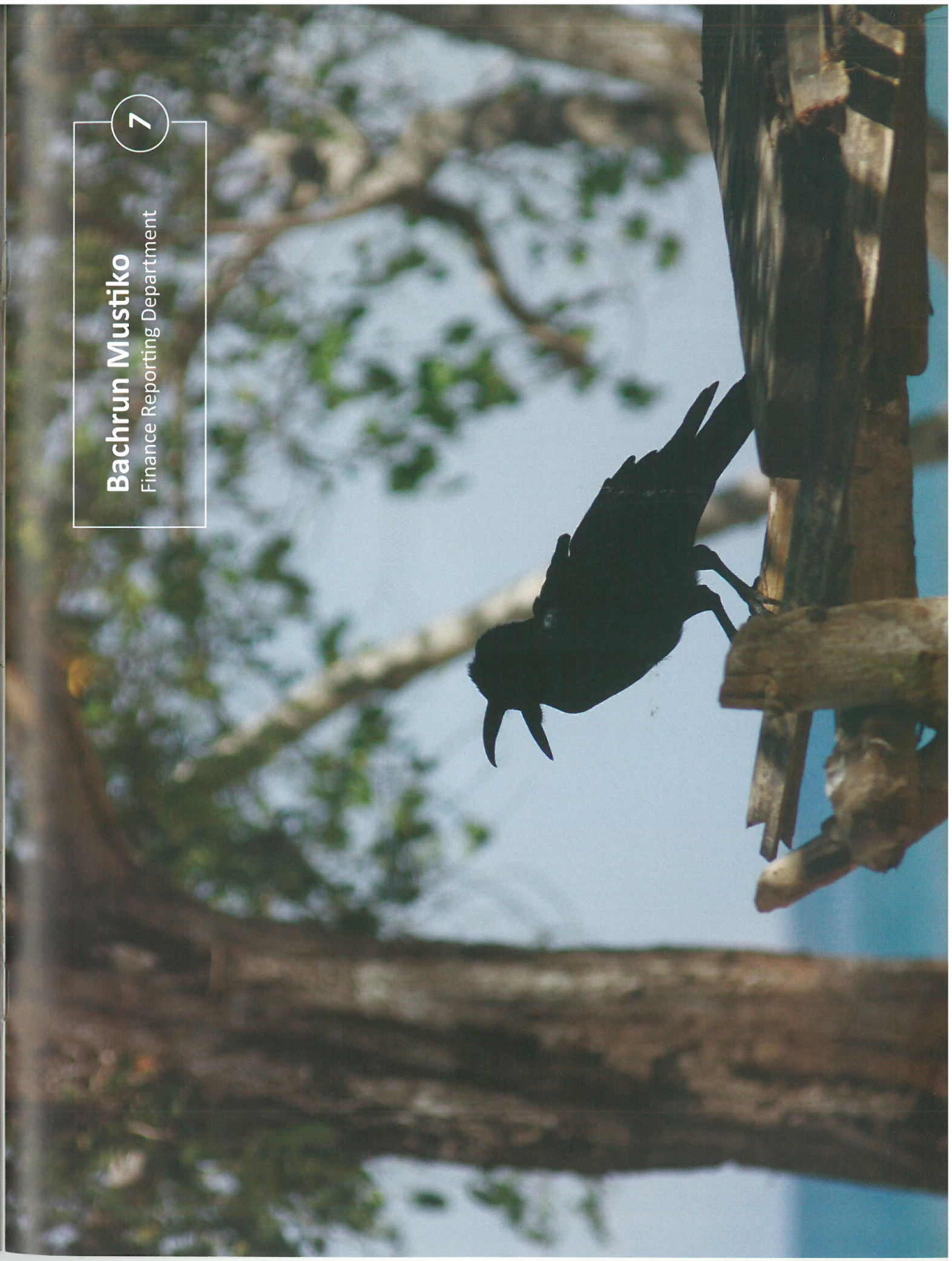
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Bachrun Mustiko

Finance Reporting Department

7



Muhammad Sadri
Maintenance/IT Jabung

8



Mawar Indah Nursina
Exploration Department

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MAIN REPORT

Petrochina Successfully Hosts Badminton Invitation 2018

Words by Stefani Widiyani | Photos by Diah Mahardika

PetroChina Indonesia successfully pulled off a four-day badminton tournament involving 20 teams last week.



In a final match of PetroChina Badminton Invitation 2018 on Sunday, November 25, the team of Ministry of Forestry and Environment (KLHK) defeated Star Energy by score 3-0. BP Berau finished third after beating Pertamina EP.

The top four teams went to finals after winning the group selection match against other oil and gas companies and related stakeholders, including PHE, Petronas, SKK Migas and China Chamber of Commerce.

The badminton invitation was aimed as friendly tournament among PetroChina's partners and stakeholders that firstly initiated this year. President of PetroChina Indonesia Mr. Gong Bencai said the event would be annually hosted.

"This is a good way to nurture our good relationship with other companies and institutions," he said.

This year, the event was held in Candra Wijaya International Badminton Centre in Serpong, South Tangerang, on the 17th, 18th, 24th, and 25th of November 2018.

To add more enthusiasm among the players and spectators, the event committee prepared two special guests, Liliyana Natsir and Candra Wijaya on the opening ceremony on November 17. The participants of the event had the rare opportunities to play against the two legends, a sure way of learning for every badminton enthusiast. Both Liliyana Natsir and Candra Wijaya were gold medalists in 2016 and 2000 Olympics Games respectively and have won various badminton tournaments, nationally and internationally.

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Suzanna Mamesah
Exploration Department

| MAIN REPORT



Sharing Safe Online: A Simple Guideline to Social Media

Words by Stefani Widiyani | Photos from various sources

Social Media has become an essential part of life. Staying safe has always been a part of the conversation among users. What can we do to stay safe in this oversharing era?

Why we joined the Hype

Twenty first century living is incomplete with When posting on social media, we would like you to consider the possibilities that could come out from your post. You should consider your materials before posting or tagging, to make sure that it would not raise any problems in the future. Even if you have a private account, people can still take a screenshot and share what you have posted with other people. Bear in mind that we should always avoid posting sensitive contents. We consider religions, sex, race, and political preferences as something sensitive.

Employees can tag PetroChina on Instagram and/or mention PetroChina on Twitter. However, PetroChina employees must never publish anything that might violate the law and/or company's regulations. Employees should be aware to always convey positive messages, especially with regards to the company.

Compliance

All posts and tags should comply with ethical codes and society norms. They should also comply with local laws applicable to electronic transactions and information. In the case of Indonesia, all posts and tags must comply with Laws no 11, year 2008 on Electronic Information and Transactions.

Protect

All employees must protect all confidential materials. If there is information you know but has not been released, you must not by any chance post it on any social media platforms. As a way to maintain the company's image in the digital sphere, employees must not post anything to degrade PetroChina or PetroChina's competitors.

Apart from protecting our company, there is another thing that we must protect: minors. Thanks to the technology, children are more exposed now compared to a decade ago. As we mentioned earlier, anything we post on social media platforms can stay there forever. When we post a picture involving children, ours or otherwise, it can remain in the digital sphere even if we took it down. This is because people can easily download and/or save your picture as well as capture a screenshot of your post. The picture could end up in the dark web, in a child pornography website.

In conclusion, we would like you to take part in our digital presence. With the three guiding principles mentioned above, we would like to keep you safe while you are enjoying the digital world. We are hoping that this simple guideline will give you an idea on how to keep yourself, your family, and the company safe in this increasingly transparent

world. Twenty first century living is incomplete without our presence in the digital world through social media platforms. They have enabled us to magnify our existence by allowing us to have cross-border discussions with wider audience exposure.

The result of the wider exposure, a positive persona is a necessity. When we post something online, especially when we are using our real names, other people can easily track where we come from, where we work, even the names of our spouses.

Another issue that makes a positive persona is important, is the fact that once something is posted on the internet, it is almost impossible to take down. Once we put something negative out there, there is no way we can take it back. Worse comes to worst, you could also go viral if it is something out of controversial issues.

As representations of the company we are working at, we must always maintain our digital persona and protect the company in the digital sphere. When surfing and communicating in the digital world, we would like you to keep 3 (three) things in mind: consider, compliance, protect.

| MANAGEMENT NEWS

Jabung Welcomes New General Manager

Another great name boarded to Jabung team as Mr. Nie Changmou was introduced as the new General Manager on January 30, 2019. A Ph.D in Petroleum Geology from China University of Geosciences in Beijing, Nie has extensive experiences in the oil and gas industry. Prior to his appointment in Indonesia, Nie was the president of CNPC International in Chad. He also worked in Petro-Energy E&P in Khartoum, Sudan, from 2005 to 2009 as the chief engineer, chief geologist, and manager of the Development and Production Department. Mr. Nie had led various projects in other countries, including Iran and Canada.



Indonesia-China Seeks Stronger Partnership in Future

PetroChina Indonesia President Mr. Gong Bencai, who is also Chairman of China Chamber of Commerce in Indonesia, was appointed as the keynote speaker in a seminar commemorating five years of the Indonesia-China Comprehensive Strategic Partnership, hosted by Tenggara Strategics, in November 2018. A number of distinguished figures also spoke in the forum, including Coordinating Maritime Affairs Minister Mr. Luhut Pandjaitan, Chinese Ambassador to Indonesia Mr. Xiao Qian, Indonesian Ambassador to China Mr. Djauhari Oratmangun and some academic experts.



CULTURE

10 Rituals and Customs to Celebrate Chinese New Year

Words by Xu Canghao | Photos from various sources

Chinese New Year is the most significant holiday on the Chinese calendar. Apart from being a time to feast and reunite with family, the festivities are accompanied by a large array of customs and rituals. Here's a quick introduction to some of the most significant Chinese New Year traditions.

Family reunion dinner (年夜饭)

Typically, families will gather for a sumptuous reunion dinner on New Year's Eve. A big homemade meal with multiple dishes, including steamed fish, is prepared. The tradition of eating fish during as part of the New Year celebrations stems from the fact that the Chinese word for "surplus" or "profit" sounds similar to the word for fish. Thus, it is believed that eating fish will bring wealth in the new year.

Red envelopes (红包)

Red envelopes are cash gifts that are given by senior family members to their junior relations and can range from a few dollars to quite hefty amounts. Usually, they are given from adults to children and from married couples to their younger, unmarried family members. It is also customary for bosses to present them to employees.

Firecrackers and fireworks (鞭炮和爆竹)

New Year festivities just wouldn't be the same without pyrotechnics. New Year's firecrackers are made from strings of rolled red paper containing gunpowder that, when set off, leave shreds of scarlet paper in their wake. Traditionally, it is believed that the loud noise of the firecrackers serves to scare away evil spirits, although nowadays firecrackers are banned in many cities for safety reasons.

In addition, most major cities, including Hong Kong and Shanghai, will put up an impressive display of fireworks around midnight to welcome in the new year.

Lion and dragon dances (舞龙舞狮)

This colorful traditional dance, which is said to bring good luck, is performed outdoors to the accompaniment of drums and cymbals, sometimes as a street parade. Dragon dances are

performed by a troupe of acrobatic dancers, while lion dances are performed by just two dancers.

Decorating (过年装饰)

You can always tell when Chinese New Year is around the corner because of the festive scarlet décor adorning every street, storefront, and home. The color red is ubiquitous, because it is associated with wealth and good fortune in Chinese culture. Red lanterns are hung up in streets, while windows and doors are decorated with posters and papers bearing lucky characters or phrases. Chinese knots, potted kumquats, and golden orange trees are also common.

House cleaning (大扫除)

Customarily, families give their homes a thorough cleaning in the days leading up to New Year's Day. Windows are scrubbed, floors are swept, and furniture is dusted in preparation for the new year, sweeping away away the bad luck of the past year. In addition, dusting is avoided on New Year's Day, for fear that good fortune will be swept away.

Eating nian gao, mandarin oranges, and dumplings (吃年糕/桔子/饺子)

In northern China, dumplings are a popular food during Chinese New Year. In the south, it's more common to see nian gao, a chewy pellet made from glutinous rice. Mandarin oranges, which are considered a symbol of good fortune, are also commonly eaten, displayed, and gifted.

Festive markets (年市)

As New Year's Day approaches, open-air markets selling decorations, red envelopes, toys, clothes, and trinkets are a frenzy of activity. In Hong Kong and Macau, where it is a

tradition to give flowers for Chinese New Year, street markets are also teeming with flowers and potted plants. Flowers such as orchids and peonies are popular because they are considered especially auspicious.

Praying at the temple (祈福)

The Lunar New Year season is a busy time for Chinese temples. Worshippers typically visit the temple on the third day of Chinese New Year to light incense and pray to the deities for blessings and good luck in the year ahead. Many major temples will also put on festive dragon and lion dances in the courtyard.

Chinese Zodiac Year of Pig

The Pig is the twelfth of all zodiac animals. According to one myth, the Jade Emperor said the order would be decided by the order in which they arrived to his party. Pig was late because he overslept. Another story says that a wolf destroyed his house. He had to rebuild his home before he could set off. When he arrived, he was the last one and could only take twelfth place.

The Pig is also associated with the Earthly Branch (地支—dì zhī) hài (亥), and the hours 9–11 in the night. In terms of yin and yang (阴阳—yīn yáng), the Pig is yin. In Chinese culture, pigs are the symbol of wealth.

Their chubby faces and big ears are signs of fortune as well. Pigs have a beautiful personality and are blessed with good fortune in life.

Personality and characteristics

Pigs might not stand out in a crowd, but they are very realistic. Others may be all talk and no action. Pigs are the opposite. Though not wasteful spenders, they will let themselves enjoy life. They love entertainment and will occasionally treat themselves. They are a bit materialistic, but this is motivation for them to work hard. Being able to hold solid objects in their hands gives them security.

They are energetic and are always enthusiastic, even for boring jobs. If given the chance, they will take positions of power and status. They believe that only those people have the right to speak, and that's what they want.

Shopping (购物)

Last but not least, Chinese New Year sees a surge in retail every year thanks to holiday sales. The closer to New Year's Day, the deeper the discounts get, including discounts on spring season items that have just hit the racks.



Men born in the Pig year are optimistic and gentle. They are very focused. Once they decide on a goal, they'll put everything into it.

They are not the best with money. Though cool-headed, they are also gullible. They trust others easily and are often scammed. This can cause them to lose a fortune.

These men are also quiet. They love learning but don't really know how to put their knowledge into words. They're not conversationalists, but treat everyone warmly. This results in a large social circle. Whenever they run into difficulties, there are always people who stand up to help. Though people will lie to them, more will love them.

Women born in the Pig year are full of excitement. They attend social events whenever possible and treat everyone genuinely. Combined with their easygoing personality, they gain everyone's trust.

However, they are sometimes over-friendly. In their excitement, they can forget to give others personal space.

They also have good fortune with wealth. As long as they keep at it, the efforts will not go to waste. Though they don't start with an advantage, their hard work will keep money flowing in.

At home, they are highly organized. If the room is messy, they'd stay up the entire night to clean it up. These women love children too. Playing with children is one of the things that bring them the greatest joy.

OIL AND GAS NEWS

PetroChina Jabung Maintains Green Proper

Words prepared by EHS Department
Photo by Dr. Boy Hidayat

Proper is the environmental rating system, under which companies are assessed for their operational activities, environmental protection and social contribution. The Ministry determines several categories on Proper, starting from black and red for companies that do not comply with safety and environmental preservations. Blue Proper is given to companies with compliance effort on sea pollution, while Green Proper is given for companies with successful effort on waste utilizing and conservation, and community development. The highest level for this recognition is Gold Proper, which focuses on environmental management system.

In order to receive the Proper, the companies must be promoted by the Regional Environmental Agency. The evaluator team from the Ministry then conducted document evaluation and field verification to each company. The evaluation covers various aspects, including Energy Efficiency, Emission Reduction, 3R hazardous Waste, 3R Non-Hazardous Waste, Water Conservation and Water Pollution Load Reduction, Protection and Biodiversity, as well as Social Investment Programs.

PetroChina International Jabung Ltd. (PCJL) has maintained its Green Proper status for its Betara [gas] Field from the Ministry of Environment and Forestry. PetroChina President Mr. Gong Bencai officially received the Green Proper trophy from Minister of Environment and Forestry Mrs. Siti Nurbaya Bakar during a ceremony in Jakarta on December 27, 2018.

In addition, for this Proper period, PCJL was praised for the good performance in Community Development through the Community-Based Coffee Ecotourism Village Development in Betara, Tanjung Jabung Barat. The program is aimed to increase alternative income for the area, widening the market for Liberica coffee, as well as raising the awareness for environmental conservation.

In 2017, PetroChina first received its Green Proper. The awarding ceremony took place in the Vice President's Office on December 18, 2017. Vice President Jusuf Kalla witnessed the ceremony, as well as handed over the Proper trophy for companies achieving Gold level.

Geragai field [oi] received the blue proper in the same proper period. On January 24 2019, Jambi Environment and Forestry Agency handed over the proper certificate to the Jabung Field Team along with the 2017/2018 final report to PetroChina and other 57 companies operating in Jambi.



OIL AND GAS NEWS

China National Oil & Gas Exploration & Development (CNODC), PetroChina's parent company, became the first company that was visited by SKK Migas delegation, following the successful 2018 G&G Days convention in August last year. SKK Migas also visited other upstream oil & gas companies headquartered in China between November 27 and 29, 2018

SKK Migas's Head of Exploration Division Shinta Damayanti led the upstream oil and gas regulator in this visit. General Manager Jabung Yu Guoyi and Sr. Exploration Manager I Nyoman Suta represented PetroChina Indonesia's management to assist the SKK Migas delegation during two sessions of discussions in the China trip. VP Upstream Planning and Portfolio of Pertamina, Muhammad Ali Muiz also joined the entourage.

The main objective of the visit was to inform the Indonesia's latest exploration activities while promoting top ten potential "big fish" areas within the region in order to attract investment opportunity. CNODC was considered as the potential company destination with regard to PetroChina track record which proven highly committed with satisfied success ratio in numerous operating block.

SKK Migas's latest exploration data showed the creaming curve that indicates Western Indonesia is in maturing stage with slightly climbing trend. The other focus in this region could be the syn rift/ basin centre, fractured basement, sub volcanic, and biogenic play. However, the Pre-Tertiary (Jurassic – Carbonaceous sand) of Eastern Indonesia remain a frontier area, shows an emerging stage at estimated less than 5 years Final Investment Decision (FID) required. It is highly expected that the future giant discoveries lying in new plays of Western Indonesia and simply execute new frontier area in Eastern Indonesia. Indonesia remain has big room for exploration in open areas.

Liu Yuchao, Sr VP of CNODC and Ma Haizen, Director of Exploration of CNODC, deeply appreciated SKK Migas delegation visit. This indicated the corporate good intention to continue the journey in Indonesia through exploration activities in potential

areas. Coincidentally a number of potential areas suggested by SKK Migas are being evaluated by CNODC and CNPC Research Centre. SKK Migas responded by offering total of 1,316 lines of 2D seismic and 368 key wells were chosen by G&G Regional working group initiated by SKK Migas (included PetroChina G&G expert) to support this ongoing study.

The itinerary ended with trip to Research Institute of Petroleum Exploration and Development (RIPED) to observe PetroChina sophisticated laboratories and latest technology presentation. At the similar day, separated group consist of SKK Migas – Supply Chain Management & Operation visit BGP- Geophysical Research Institute.

To implement the visit, SKK Migas has sent a formal letter to CNODC, invited the head quarter expertise to do more collaboration to evaluate more opportunities of Indonesia potential. With all data available would be provided open in the preferred interest area of Indonesia.



Road to Next Giant Discoveries

Words and photos by
Hendra Niko Saputra & Nyoman Suta

2018 Indonesian Petroleum Association (IPA) Core Workshop: "From Land to Deep Water"

Words and photos by Hendra Niko Saputra & Nyoman Suta

What is CORE? To understand how the oil and gas hold by the reservoir, you have to see the rock directly. Core represents this idea. Seeing is believing.

Core is a rock sample in the shape of cylinder taken by special bit during oil and gas well drilling. Core is utilized to measure the well conditions down-hole, conducted during drilling, that its analysis gives the most accurate insight of the rock – reservoir-properties such as porosity, permeability, internal structures, etc to facilitate Geologist, Geophysicist, and Reservoir Engineer (GGR) have better understanding concerning geometry and productivity of the layers. Taking core in the well program is also expensive, only some wells in one field having core sample while drilling.

PetroChina International Jabung Ltd. was one of eight distinguished companies to showcase & demonstrate cores samples during the latest Indonesian Petroleum Association (IPA) Core Workshop held in Jakarta between October 16 and 17, 2018. The event was attended by approximately 80 people from various multinational oil companies and research centers in Indonesia.



The workshop had objective to allow the expertise share each other about the best practice and workflow of core description for further comprehensive reservoir description, included how to identify sedimentary facies, predict their geometry and connectivity, and relate them to certain modern and ancient analogue. At the occasion, rock samples came from various depositional environments of most contributed oil and gas field in Indonesia, they are:

Area	Company	Depositional Setting
South Sumatra	PetroChina International Jabung	Terrestrial - Transitional Marine
South Sumatra	Conoco Philips Indonesia Inc	Basement Fracture
Kalimantan	Pertamina Hulu Mahakam	Deltaic
Kalimantan	Chevron	Deep Water
East Java	Santos	Shallow Marine
Northwest Java	Pertamina EP	Shallow Marine
Natuna	Medco Energi	Deltaic
Eastern Indonesia	INPEX Masela Ltd	Parallic

PetroChina displayed 30 ft cores from Northeast Betara (NEB) field, i.e. NEB-6, NEB-7, and NEB-45 wells. The samples were used to guide audience and explain the sedimentation history and evolution of the most productive zones in Jabung Block, Lower Talang Akar Formation, started from weathered basement, braided stream, meandering to tidal influence transitional zone. These broad range sedimentary facies is one of best example to learn together and turn into the reason why PetroChina was invited at the time.



PetroChina International Jabung Ltd. trusted by SKK Migas management to become a mentor "Measuring and Calculating LPG Meters and Shore Tanks" for SKK Migas employees as debriefing and field practices for Oil and Gas Production Operations. Because PetroChina is considered good enough in carrying out these activities, especially in FSO PetroStar LPG Lifting.

It is a great honor and challenge for me because I was assigned by SKK Migas to coordinate these activities so that the objectives of SKK Migas are achieved properly. After several discussions with the SKK Migas team I was able to translate the objectives of the training.

The next step is to have a discussion with several Mooring masters from PetroChina and after getting some input, I immediately coordinated and discussed with the FSO PetroStar's Mooring Master regarding the objectives and material that needed to be delivered during training to SKK Migas employees. After the material was prepared, several times we delivered it to the SKK Migas team to make corrections according to SKK Migas' wishes. Finally with revisions and discussions several times the training material is ready to be delivered.

On October 24, 2018 for 1 day the training of SKK Migas employees (batch 4) totaling around 45 people was held at the Swiss Bell Jambi Hotel and as a speaker from PetroChina International Jabung Ltd. in this case collaborating with the Mooring master FSO PetroStar. In addition, teams from other KKKS (Conoco) were also present at the event to see and imitate the implementation process because they were also appointed as speakers in other themes and other days that had been determined by SKK Migas.

The initial training was conducted with a 15-minute Pre-Test to find out how far the knowledge of SKK Migas employees regarding the LPG lifting process. Subsequently carried out the giving of material by the FSO Mooring Master PetroStar (Capt. Scandy) and me as the moderator was assisted by Mr. Janto Soewono from Operation and Facility Engineering Dept.

One day was passed quickly because the learning process went smoothly and well, the enthusiasm of the SKK Migas employees to attend the training was very enthusiastic and the question and answer took place smoothly and not boringly. Before the training ends, Post Test is done to find out how far the material provided can be absorbed by them. Finally at 17.00 PM the training ended and for the success of the activity SKK Migas gave thanks to PetroChina International Jabung Ltd. by giving souvenirs. Furthermore the trainees made a field visit on October 29 and November 2, 2018 to FSO Ship 115 and FSO PetroStar. In the next training for batch 5 and batch 6 it went smoothly.

PetroChina Appointed as Mentor for Oil and Gas Production Operations Training

Words and photo by Widodo Ismanto

OIL AND GAS NEWS

General Insurance Socialization for Jabung Field

How to cover a 1 Billion USD asset, a glance of Risk Management

Words and photo by Randy Condronogoro and Theodora E.

We are all working on a high risk environment, whether we realize that or not, especially our employee that are working at Fields (i.e PetroChina Jabung Field, JOB PPS Salawati Field and PetroChina Bangko field) where small miscalculation or small mistakes could lead to disaster. A Fresh example of this situation was the oil leak incident at Balikpapan area on early 2018, this incident created a massive damage and especially massive pollution for the local sea water that at a side effect was seriously disturbing local fisherman activities.

Furthermore, one thing also that need to be reminded, if loss happens, Government of Indonesia will be the one that suffer the biggest impact as all of the asset are belong to Indonesia's Government. Therefore, Indonesia Government is always the one that has the biggest concern on how to treat and protect their assets that are now being operated by PSCs in Indonesia.

With the above base information in hand, Risk Management department conducted a general socialization about insurances and their roles in PetroChina (and Indonesia PSCs).The socialization was conducted on August 2-3,2018 at Jabung field. At a start, an introduction about all of Indonesia oil and gas assets was delivered. A total of around 41 Billion USD worth of asset in Indonesia where by SKK Migas was being insured in 1 policy and is under directly SKK Migas control (from procurement to monitoring etc), PetroChina Jabung as one of the biggest oil and gas producer in Indonesia operates a nearly 1 billion USD asset in Jambi. That is why SKK Migas will control this insurance policy in a very tight and detail manner especially the one that has a massive value like PetroChina Jabung.

As the insurance is an act to transfer risk(s) to the insurance company (Insurer), all of the aspect in operation are surely will require it, this also applied to contractor(s). That is why in every contract(s) in PetroChina, there will always requirement for insurance that need to be fulfilled by contractor. A nearly 165 contracts every year that passed through Risk Management department were being reviewed and then assigned their insurance requirement based on the scope of work. A number



insurances usually will be applied (Human related insurances, property related insurances, liabilities etc) to cover the project. These insurances will definitely need budget to be allocated by end user and that is why this was also the concern for this socialization.

This socialization is actually can be considered the first move from Risk management department to bring more awareness to field team (and also to be more in mutual communication!) about insurance(s) and how important it is to be understood by all. Hopefully, in the future this could be continued for the benefit of all. For the next Lampion edition, Risk Management Department will share stories about their presentation in front of SKK Migas and other PSCs about Risk Engineering Survey and estimated maximum loss in Jabung Field. A story about potential 100 billion USD (or even more) loss scenario in Jabung ! and also the way we learn a lot more from field team (they are indeed experience people and we were excited to learn from them), see you next time..



PETROCHINA EVENT

PetroChina Celebrates Christmas 2018

Words by Stefani Widiyani | Photos courtesy of Communication Dept.

PetroChina employees and management celebrated Christmas in Jakarta office on Thursday, December 11, 2018. PetroChina Indonesia president, Mr. Gong Bencai, Vice President Business Development and Technical Mr. Zhu Fumin, Vice President Human Resources and Relations Mrs. Maryke Pulunggono, Vice President Finance and Control Mr. Xu Yalin, and Vice President SCM and Operation Support Mr. Gusminar attended the Christmas ceremony. Mr. I Wayan Suandana who represents PetroChina Labour Union and VIP guests from China Chamber of Commerce also attended the event. For this year's Christmas, the committee decided to adapt to Batak culture.

The celebration ceremony was led by Reverend Alvi Radjaguguk. In his sermon, Reverend Alvi reminded everyone that Joy must come from within. Reverend Alvi also emphasized that for people to feel Joy, they have to make peace with themselves and others.

During the ceremony, there was also a Nativity play combined with modern-day story and choral performance by PetroChina employees. Batak music and dances were performed after the ceremony to add to the festivities.

In the lively and friendly atmosphere, Mr. Gong Bencai said in his speech that even though Christmas is a Christian celebration, the essence of Christmas can be applied universally. Peacefulness and togetherness were the main highlights of the ceremony as shown during the Nativity play. Togetherness, family, and kinship are also central to Batak culture, the cultural theme for this year's Christmas. Thus, PetroChina hopes that the event would strengthen the relations between one another and ignite joy in each other's hearts.

PETROCHINA EVENT

Vendor Day in Jambi

Words by Arifin Manurung & Stefani Widiyani
Photo courtesy of Asset Management Dept.

The event is shown to be beneficial for users and vendors. It acts as a discussion space between vendors and users where vendors can evaluate users and vice versa. In addition, vendors also have the opportunity to obtain as much information as possible about the oil and gas industry. The event hopes to alleviate and prevent various problems that could arise from poor communication between all parties.

The event was also used to give appreciation to each company's best vendors. The appraisal is based on various criteria such as shipping, purchasing, and user services including timing and accuracy. This appreciation aims to motivate vendors to increase their product and service qualities.

SKK Migas and oil and gas companies (KKKS) operating in Southern Sumatra region held Vendor Day on October 30 & 31, 2018, in Palembang. The event took "Synergy and Potential Optimization in Increasing National Capacity" as the theme and encouraged companies to use more local/national vendors when possible. The event itself is an annual program of SKK Migas – KKKS and held nationwide.

As quoted in SKK Migas website, SKK Migas – KKKS have worked together to optimize the procurement process for the industry through various guidelines, such as the fourth revision of Guidelines for Working Procedure (PTK) 007. In addition, SKK Migas – KKKS have also implemented the Centralised Integrated Vendor Database (CIVD) and the standardization of pre-qualification for Health, Safety, and Environment (HSE).



EMPLOYEE NEWS

SKK Migas and PetroChina Team Takes Overseas Technical Program in Beijing

Words by Arditya Puspiyanto and Gesa Endah P
Photos by Alfiani

Enhanced Oil Recovery (EOR) technology, also known as Tertiary Recovery, is very well known and getting more attention in oil industry over the last few years.

Since the issue of the shortage of current oil resources and difficulties in finding a new oil field, this technology is commonly applied in oil producing field. By applying EOR Technology, remaining oil from reservoir through primary or secondary recovery could be recovered.

In October last year, the team of SKK Migas and PetroChina Jabung attended Overseas Technical Training Program of "EOR technology from Subsurface to Surface & Operations" held by CNPC Manager Training Institute in Beijing.

The Jabung team consisted of Iqbal Buldani from Exploitation Dept.; Arditya P. and Gesa Endah P. from Reservoir Eng. Dept.; Vera Veronica from Production Dept.; Beiruny Syam from Exploration Dept.; Ida Royani from Bangko Engineering; Siswanto and Gajianto - Field Operation Dept.; Widhijoko and Gathot Tri Seputro from Project Dept.; as well as Alfiani from HR Dept. Two SKK Migas staff, Dodi Miyondri and David Jasuti, also joined the eight-day training that started on October 19.

The Training Program began with the lecture of basic knowledge, advanced technology and case studies of EOR applications by experts and professors from the China National University of Beijing (CUPB). For the next six days, we had the chance to learn from experts, including Prof. Bo Peng who has many experiences

in CO2 Technology application, such as EOR Projects and CO2 Capture & Storage Projects.

In addition, training participants were also given material about several EOR techniques; Thermal, Gas Injection and Chemical Flooding. Thermal and Gas Miscible Flooding methods are chosen to change the fluid characteristics, while chemical flooding could change the characteristics of fluids and rocks. Applied EOR Technology selection required an integrated study to determine the most suitable and the most effective technology for specified reservoir characteristics to increase oil reserves.

On October 24, training participants were given the opportunity to visit the Research Institute of Petroleum Exploration & Development (RIPED) Laboratory to observe the technology used in EOR Research. The laboratories are Key Laboratory of Petroleum Geochemistry, Key Laboratory of Oil & Gas Reservoir, and Key Laboratory of Basin Structure & Hydrocarbon Accumulation. Those laboratories which are located in the center of Beijing, have high technology and integrated research tools that play important role in supporting EOR research.

To get comprehensive understanding of EOR application, we also went to Jidong, an oil field in Bohai Bay that applies CO2 injection Huff & Puff technology. Introduced as a pilot project in 2010-2011, the CO2 Huff & Puff was applied to more than 100 wells in 2012. By applying CO2 Huff & Puff Technology, oil production from a total of 103 wells increased with an effective rate of 87.8%. Cumulative oil increase to 160,000 tons (3.8 MMBbls) and average oil production rate raise 417 tons/day (9.9 Mbbbl/day) valid for 233 days.

EOR technology from Subsurface to Surface & Operations Training provide participants a comprehensive understanding of different design aspects, types, screening criteria, and field application of current and emerging technologies of Enhanced oil Recovery (EOR) processes to be immediately applied to Jabung Block and increase oil production.



Mohammad Risyad
Beiruny Syam
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PetroChina International Jabung, Ltd., Jakarta, Indonesia
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Universitas Gadjah Mada, Yogyakarta, Indonesia
Bandung Institute of Technology, Bandung, Indonesia

SwissTech Convention Center, Lausanne, Switzerland
September 26th, 2018



EMPLOYEE NEWS

PetroChina Participated on International Symposium on Energy Geotechnics (SEG) 2018

Words by Mohammad Risyad | Photo courtesy of Mohammad Risyad

As PetroChina's contribution to share knowledge and to showcase its innovative application of technology in challenging oil & gas industry environment, in my capacity as interpreter geophysicist, I attended and presented my paper at the International Symposium on Energy Geotechnics (SEG) 2018 in Lausanne, Switzerland from September 25 to 28, 2018.

My paper "Naturally Fractured Basement Reservoir Potential Quantification from Fracture Model and Petrophysical Analysis by Leveraging Geostatistics and Seismic Interpretation: A Case Study in Jabung Block, South Sumatra Basin" was presented in the second session that dedicated for "Hydraulic Stimulation in Energy Geotechnics: from Research to Practice" mini symposium. The paper is also included in the proceedings of the symposium published by Springer and indexed in Scopus and SpringerLink.

The symposium is held every four years and serves as a forum for promoting the exchange of ideas, practices and state-of-the-art on a broad range of topics in the area of energy geotechnics. Last year, École Polytechnique Fédérale de Lausanne (EPFL) hosted the symposium with Prof. Lyesse Laloui from Soil Mechanics Laboratory as chairman. On top of technical session (mini-symposia) the symposium also featured Keynote & Feature Lectures, including "Fractured Rock in Energy Geotechnics" by Prof. J. Carlos Santamarina from King Abdullah University of Science and Technology (KAUST), Saudi Arabia. The Innovation Hub provided a forum for challenges and opportunities in building the sustainable infrastructure systems and technology of tomorrow into impactful industrial applications; and Gala Dinner located in the famous Olympic Museum, Lausanne.

Amid other events such as American Association of Petroleum Geologists (AAPG), European Association of Geoscientists and Engineers (EAGE), Society of Exploration Geophysicists (SEG) Annual Convention, or even Indonesian Petroleum Association (IPA) Convention & Exhibition, SEG still has its own appeal to researchers and engineers who works on geomechanics with broad spectrum of application.

Participants came from different institutions in Europe, such as: TNO, Plaxis, French Geological Agency (BRGM), Schlumberger, Swiss Seismological Service, ETH Zürich, EPFL, Imperial College London, etc. and other parts of the world, such as: Chinese Academy of Sciences, Indian Institute of Technology Delhi, Texas A&M University, Lawrence Berkeley National Laboratory, The Petroleum Institute (Abu Dhabi), The University of Melbourne, Kyoto University, KAUST, etc. The symposium successfully pointed out the importance of innovation on infrastructure systems in line with cutting edge research on energy storage, CO2 sequestration, nuclear waste disposal and geotechnics in order to materialize sustainable development. Takeaway thoughts from the symposium is that upstream oil & gas industry can do more to spur local talents with various background on to support research and joint effort towards sustainability.

EMPLOYEE NEWS

PetroChina's Legal Team Joins Arbitration Events

Words and photo prepared by Novita Adi

PetroChina's Legal Department took part in the Alternative Dispute Resolution (ADR) and International Commercial Arbitration Course on July 26 and 27, and Bali Arbitration Summit on October 15, 2018. The two events were hosted by Bali International Arbitration and Mediation Center (BIAMC).

During the ADR, main speaker Mr. Jagannath Muthu says that ADR includes variety of practices ranging from negotiation, mediation, conciliation, facilitation, arbitration, consensus decision making, and restorative practices. It is sometimes debated if arbitration can still be considered a form of ADR since arbitration is an alternative to court litigation that has a structured procedural framework, akin to legal proceedings, rendering an outcome (arbitral award) with final and binding force.

The Bali Arbitration Summit 2018 was attended by around 120 people and brought the theme of "Arbitration in the 'New Asia', A Contemporary Reconciliation of Policy, Theory, And Practice". The summit discussed about the Dispute Resolution to Promote Business and Investment in Indonesia. The Chairman of Advisory Board of BIAMC, Prof. Dr. I. B. R. Supancana, said that the use of arbitration is a necessity to the businessmen in settling commercial disputes.

Throughout the time, businessmen's interest in settling commercial disputes through arbitration has increased. In the period 1977 to 1986, there were only 27 disputes registered to Badan Arbitrase Nasional Indonesia (BANI), whereas in the period 2007-2016, there were 728 disputes registered to BANI. Nonetheless, not all losing parties can accept and committed to carrying out the pertaining final awards. Law No. 30 of 1999 concerning Arbitration and Alternative Dispute Resolution set out that international arbitral award may be executed in Indonesia if it is not violating public order. The losing party usually uses such provision against the execution of arbitral award.



EMPLOYEE NEWS

Gemba in Field Asset Department

Words and photo by Rina A.

For more than six years, the Field Asset Department in Jabung field has implemented Gemba philosophy. So far, we enjoy the improvement personally and professionally, and manage to achieve good records in Asset Planning and Management.

A gemba (and sometimes genba) is the term used to describe personal observation of work – where the work is happening. Gemba means taking to the field from the top level to the lowest level to make continuous improvements. This concept stresses:

- **Observation:** as a team or In-person observation,
- **Value-add location:** Observing where the work is being done
- **Teaming:** Interacting with the people and process in a spirit of Kaizen (“change for the better”)

The concept of Gemba firstly brought in Jabung Field by Mr. Ferry Matita (Sr. Logistic Supt.) as he introduced it to Jabung Field people 2012. Gemba not only can help achieve a step change but also can be used for frequent, incremental improvements (which was the original concept of Kaizen). This also answers the misinterpretation of gemba among employees who consider gemba to be just merely clean or applicable just for one function or Department. The fact Gemba is a generic method that can be practices and implemented in all organization function, environment including office, system, field operation, production, process, etc. A gemba walk is not an opportunity to find fault in others while they are being observed. It is also



not a time to enforce policy adherence (except possibly for safety problems or gross violations). If a gemba walk is used punitively, employees will shut down and resistance to change will rise rapidly. A gemba walk needs to be approached from a place of mutual respect and interest in making things faster, safer, easier and just plain better. Gemba is also not the time to solve problems and make changes.

This is a time of observation, input and reflection. That does not mean it is the time to ignore employee ideas for improvements or stifle brainstorming, but rather to be open and observe the “real thing” – see what is really happening. If ideas or complaints arise, note them and make sure they are followed up on after the walk. We seeing the whole and do this by applying the philosophy of “Ears to see and Eyes to hear”

We choose gemba Walk as a tool for continuous improvement. Gemba is quick and easy to implement but has big impact to the real problem. Gemba also do by implemented the method of Ohno circle is also known as “Taiichi Ohno’s Chalk Circle”, a circle drawn on the shop floor as observation point from where to learn to observe, see, analyze and understand. The original method puts “employee” in such a circle for extended time with instruction to watch and not leave the circle. After the time will ask the employee to tell what he/she have seen, of course expecting to feedback - continuous improvement



EMPLOYEE NEWS

First Legal Training 2018

Words and photo by Prita Purwanto



More than 40 participants from PetroChina International Jabung Ltd. (PetroChina), SKK Migas, and lawyers participated in the first Legal Training provided by PetroChina’s External Lawyers/Legal Counsel on November 8, 2018. The event was jointly organized by H. Mhd. Haris, S.H., M.H. & Associates and JAS & Partners, both of which are externals lawyers previously engaged by PetroChina, in cooperation with PetroChina’s Legal Department.

JAS & Partners prepared the topic of “Legal Standing of SKK Migas in Upstream Oil and Gas Cases”, while H. Mhd. Haris, S.H., M.H. & Associates gave the topic of “Land Situation in Sumatera Area Relating to Land Cases in Upstream Oil and Gas Industry”.

The participants came from several departments in PetroChina, including Legal, Permit Matters, Construction and Communication. The training, which took place in Jambi, was also attended by the Lead Specialist of Business Support Deputy of SKK Migas, Mr. Alam Mulyawan, and representatives of SKK Migas Legal Division. One day before the training, the participants went to a court trial in the District Court of Tanjung Jabung Timur to observe a legal proceeding in practice in Indonesia.

The Legal Department plans to conduct this event annually as obligated by SKK Migas and to involve more participants in the future. Such training is a great way to broaden legal knowledge and to experience trial proceeding in Indonesia.

CSR UPDATE

PetroChina's Social Programs in 2018

Words by Cut Sheilla SW and Yudha Ramadhona
Photo courtesy of Communication Department

In 2018, our focus was to balance our programs between the improvement of basic infrastructures and facilities, with trainings on soft skills and institutional strengthening needed by local communities to access better opportunities in life. We officially handed over the CSR programs to Tanjung Jabung Barat administration in December 2018. For our contribution to develop the regency, PetroChina received the CSR Awards 2018 from Tanjung Jabung Barat Mr. Safrial.

We will elaborate more below about our CSR activities in accordance to our strategic guidelines from Special Task Force for Upstream Oil and Gas Business Activities (SKK Migas) for CSR Programs Planning:

Education

We invested USD 116,000 in the provision of adequate facilities for education such as building renovations, construction of sanitations and library room as well as its supplies for local schools. We also paid close attention to local sports community empowerment. In preparation of Jambi Province Regional Tournament, we cooperate with local sports committee to support the construction of climbing walls.

Our programs to support education in various aspects include:

1. Rebuilding of Gemilang Pre-School at Pandan Jaya Village Tanjung Jabung Timur
2. Construction of Communal Toilets at SMP 21 in Talang Babat Village and at SDN 113/X in Pandan Makmur Village
3. Construction of a library room at SDN 120 in Kota Harapan Village
4. Donations to construct two units of climbing walls to support ambi Province Regional Tournament

Health

The promotion of inclusive good health and well-being should reach the most vulnerable community. Isolated with limited or no access to basic needs, Suku Anak Dalam, a nomadic indigenous tribe living in the wilderness of Jambi tropical rainforest, possess its own challenges for interventions. To tackle this delicate issue, PetroChina partnered with Indonesian Ministry



of Social Affairs and National NGO KKI Warsi to provide clean water facilities, communal toilets, as well as healthcare and education center. We allocated around USD 45,000 and more than 100 indigenous households will benefit from this project when it is completed in January 2019.

Economy

PetroChina has acknowledged the potential of Liberica Coffee Beans in Tanjung Jabung Regency.

To initiate Tanjung Jabung Timur Coffee Development Project, as part of capacity building strategies, we support Local Government and Local Farmers to attend workshops at the Cacao and Coffee Research Center in Kota Jember, East Java, giving them the opportunities of learning from the best in the field. Then, we follow through with donations of coffee processing machines to complement the next step: Post-Harvest Training and Dome Making Socialization.

Meanwhile in Tanjung Jabung Barat, where the coffee industry is more established, we work together with local tourism services to develop a coffee-based ecotourism village. We hope that the initiative will provide alternative income and also act as a way to build environmental awareness for local farmers and communities.

Our programs to support economic development include:

1. Local Government and Local Farmers Capacity Development to Cacao and Coffee Research Center in Kota Jember, East Java
2. Development of Coffee-Based Ecotourism in Tanjung Jabung Barat
3. Areca Palm Sheath Waste Management for Small Scale Industry Startup in Tanjung Jabung Timur
4. Donations of Coffee Beans Processing Machines, Post-Harvest Training and Dome Making Socialization in Tanjung Jabung Timur

Environment

We make more efforts to improve education on environmental impact reductions. The key elements are the availability of supporting facilities such as composter, pressing machines for waste processing or a green house to go hand in hand with awareness and skill-building workshops.

This year our environmental programs took place in Tanjung Jabung Timur Regency which include:

1. Green School Project in 21 Junior High School
2. 3R Waste Management in Parit Culum Landfill

We also support a government program, Forest and Peat Fires Mitigation Workshop, held by Naval Marine Potential Development Service of The Indonesian Navy.

Public Facilities Development

Public facilities projects are currently the main national concern which also reflects on the local government's priorities around our operation areas. In 2018, we invested around USD 1,2 million to support better connectivity between remote areas with the construction of drainage, bridge and roads.

Two of our projects have been completed with one in progress, soon to be finished in 2019:

1. Bridge and Road Construction at Sri Menanti, Serdang Jaya Village, Tanjung Jabung Barat Regency
2. Muntialo Islamic School Renovation
3. Construction of Drainage and Asphalt Road in Pematang Lumut Village, Betara Sub-District, Tanjung Jabung Barat Regency (2019)

Disaster Relief

In 2018, PetroChina supported the relief and reconstruction efforts in several disaster-affected areas such as Tasikmalaya, Lombok and Sigi.

EHS UPDATE

PetroChina Provides First Aid Training for Employees

Words by Rina Putri | Photo courtesy of EHS Dept.



PetroChina held a "First Aid in-House Training" in Jakarta from November 6 to 8, 2018. The training was the first of its kind provided by PetroChina for 25 chosen employees. The training was aimed at enhancing the company's health and safety system, creating a productive, efficient, and safer work environment.

Following the training, all participants took both written and practical exams before they got the First Aid certification. The first-aid training was delivered by Pro Emergency Indonesia, a safety consultant, while the certification process was provided by the Ministry of Manpower.

Employees are company's assets that have to be safeguarded. Thus, health and safety as a system was made for employees and company to prevent accidents and illness caused by the poor work environment and to give protection for the employees. The First Aid training would hopefully contribute to employee satisfaction, security, loyalty to the company, and indirectly boosted productivity. Please meet your first aiders!



- GENERAL AFFAIRS
- GENERAL AFFAIRS
- OPS. & FAC. ENGINEERING
- OPS. & FAC. ENGINEERING
- RESERVOIR ENG.
- EXPLORATION
- LEGAL
- PROCUREMENT
- DRILLING
- DRILLING
- FINANCE
- FORESTRY PERMITT
- COMMUNICATION
- ASSET MANAGEMENT
- MANAGEMENT
- MANAGEMENT
- EHS
- FIN. PLANN. & CONTROL
- EXPLO. SYSTEM SUPPORT
- EXPLO. SYSTEM SUPPORT
- GENERAL AFFAIRS
- GENERAL AFFAIRS
- GENERAL AFFAIRS
- SECURITY
- SECURITY

- ERWIN ANDRIANTO
- ARLIS AKBAR
- DYAH PUTRI MULANSARI
- RINI SETIAWATI
- GITA CLARESTA
- I. G. RIFKY BRAHMANTHYA
- NUR FAUZIAH
- C. DIMAS NUGROHO
- ELIZABETH SITOMPUL
- MESAKH ADHIATMA
- ANITA DIAN
- ZAINAL ABIDIN
- RINA PUTRI
- HADI ABADI
- LAKSMI KUSUMANINGTYAS
- LESTARI BAHAGIA
- FLORENTINE ADHITYARINI
- YUNUS WIYONO
- MUJIONO
- SAPARUDIN
- JOKO SUNTARI
- SUPADI ACHMAD
- HERRY HERMAWAN
- RIBUDDIN
- INDRA HERYAWAN

HR Updates

HR Department Hosts "Be Proactive and Mutual Communication" Training

Words prepared by HR Department | photos by Diah Mahardika

As the energy company that works in upstream oil and gas industry, PetroChina wants to be the best. Therefore, we try our best to improve the quality and professionalism of our employees.

To encourage continuous improvement, PetroChina's management introduces different campaign in each year to inspire employees. The 2018 campaign was about "Mutual Communication" and "Be Proactive", encouraging employees to act in advance of a future situation, rather than just reacting.

To extend the concepts and turn them to real works, the HR Department created workshop for management, department's heads and superintendents in the company. As a leader they should be able to set an example for their staff and become agents of change in their work environment.

The workshop carried the theme of "Gear Up & Move Forward" that reflected PetroChina objectives in the near future. There were a total of 111 superintendents, managers and board of management attended the workshop in five batches.

The objectives of the workshops were to define "mutual communication" and "proactive work", identify "mutual communication" and "proactive work" behavior, and how to influence other to apply "mutual communication" and "proactive work" in their daily work activities.

President of PetroChina Gong Bencai, who joined the third batch of the workshop, stressed the importance of this campaign. "An effective communication is a key to a good and effective leadership which can impact many aspects of business, including our culture."



PETROCHINA'S PARTNERS AND STAKEHOLDERS

SKK Migas Regional Office in Southern Sumatera (Sumbagsel) teams up with oil and gas companies operating in Jambi, including PetroChina, to host the Media Field Trip to Bajubang Oil Field in Batanghari Regency, Jambi Province.

Visiting Bajubang Oil Field

Words and photo by Lutfi Rakhmawati



The event took place on November 5, 2018, and involved nearly 40 members of Jambi Oil and Gas Journalist Forum (FJM). It took two-hour driving from Jambi to Bajubang.

The block is now operated under the Technical Assistance Contract (TAC) Pertamina EP-PT Prakarsa Betung Meruo Senami Jambi (PBMSJ) Bajubang. In his opening remarks of the event, SKK Migas Sumbagsel spokesman Mr. Muhammad Agus hoped that such event would improve the good relations between journalists and oil and gas communities.

During the Media Field Trip 2018, SKK Migas also opened the photography competition for the journalists going to Bajubang.

While strolling around the block, the journalists snapped photos related to human interests or oil and gas exploitation activities.

The winner of the photography competition will be announced later this month in Jambi.

Once known as the main oil producing area in Jambi, along with Tempino and Kenali Asam, Bajubang had been developed by Dutch oil companies since 1940s. State-run firm Pertamina took over the operation of the block after the independence of Indonesia. Oil produced from those areas was transported to pipe for 270 kilometers to Plaju refinery in Palembang.

PETROCHINA'S PARTNERS AND STAKEHOLDERS



A Friendly Match

Nothing beats a good round of exercise at the end of the week. PetroChina Forestry Department and PetroChina Soccer Club teamed up to face the Ministry of Forestry and Environment in a friendly soccer match on Friday, January 25, 2019. The match was held to strengthen the relationship and solidarity between PetroChina and the Ministry of Forestry and Environment. PetroChina team won the match by 3-1 score.



Service Awards 2018

President of PetroChina Indonesia Mr. Gong Bencai (wearing red batik) presents the Service Awards for Mrs. Dewi Sudarmini (left), Mr. Jan Panjaitan (second left) and Premi Wirastuti (right) for their 30-year of service.

CULTURE

Chinese for Beginners

Words by Vina Wiryadinata



Learning Chinese, or actually any other foreign language, can be challenging, but we can do it one step at a time. This time, I will introduce you to the basic things you need to know about the language. Other series of "Chinese for Beginners" will follow in future editions of Lampion!

Pinyin

- Designed in the People's Republic of China during the mid-1950s, pinyin is a phonetic system of the Chinese language. It adopts the roman alphabet to represent phonetic sounds in Mandarin Chinese. There have been many different systems of transcription used for learning Chinese pronunciation. Whereas China's capital was once called "Peking" in English, using pinyin it is now written "Beijing"

Tones

- In Chinese the variation of a syllable's pitch may distinguish meaning. There are four tones, indicated respectively by the following tone marks:

Tone	Tone Mark	Description	Example
First Tone	—	High, level pitch	妈 ma = mother
Second Tone	↗	Starting high and rising	麻 ma = hemp
Third Tone	✓	Falling first, the rising	马 ma = horse
Fourth Tone	↘	Starting high and falling	骂 ma = scold
Fifth Tone		Neutral, short, unaccented	

Initials

- There are 21 initials in Chinese and 12 of them have almost the same pronunciation as English.
- m, f, n, l, h, and sh are pronounced as in English

Initials	Pronunciation like in English	Initials	Pronunciation like in English
d	"t" in Bahasa Indonesia	r	"ge" in "lodge"
j	"g" in "genius" / 'c' in Bahasa Idn	p	"p" in "pop"
z	"ds" in "beds"	q	"ch" in "cheap"
zh	"j" in "job"	t	"t" in "tap"
b	"p" in Bahasa Indonesia	c	"ts" in "cats"
g	"k" in Bahasa Indonesia	k	"k" in "kangaroo"
x	"S" in Bahasa Indonesia	ch	"Ch" in "China"

Finals

- There are 36 finals in Chinese. Six of them are simple finals (a, e, i, o, u). The other 29 are compound finals. The following table shows all the finals.

	i	u	y		i	u	y
a	ia	ua	ao		iao		
o		uo	ou		iou		
i		ui	yi	'ie' like 'ye' in yes	an	ian	uan yan
e	ie		ye	E like 'e' in 'her'	en	in	uen yen
er				Like 'sister'	ang	iang	uang

- In zi, ci, si, zhi, chi, shi and ri the i is not pronounced. It indicates that the consonant only is pronounced. e.g. zi = "ds" as in "beds" ri = "r" as in "right"
- The consonants j, q and x are all followed by i, 'ji, qi, xi' pronounce long vowels like the "ee" in "bee".

SERVICE AWARDS AND RETIREMENT

SERVICE AWARDS JANUARY-MARCH 2019

Job Location	Employee Number	N a m e	Department	Date of Hire	YOS
JKT	133008	SUZANNE WIDHAPUTRI BARLOW	FORESTRY PERMIT MATTER	01 January, 2009	10
JKT	131872	DEDE PURWAJI	SECURITY	01 January, 1999	20
JKT	133003	MUHTAR	EXPLOITATION	01 January, 2009	10
JKT	133469	SANNY ASTARI	DRILLING JABUNG	01 January, 2014	5
JKT	133460	WIDHIJOKO	PROJECT JABUNG	01 January, 2014	5
JBG	133465	ACHMAD SOBHANA	RESIDENT/FIELD MANAGER	06 January, 2014	5
JKT	133471	MICHAEL MANALSAL JUNDEO	FINANCIAL PLANNING & CONTROL	15 January, 2014	5
JKT	133010	HENRI HERU PRASETIJO	EXPLORATION JABUNG	01 March, 2009	10
JKT	133475	MOHAMAD REZA	FINANCE - ACCOUNTS PAYABLE	01 March, 2014	5
JKT	133474	PREZZIA WIDIYASTUTI	GAS & CRUDE OIL PLANNING	01 March, 2014	5
JKT	133479	AULIA WINANDI SUMARTONO	OPERATIONS & FACILITY ENGINEER	10 March, 2014	5

LIST OF RETIREMENT 2019

N a m e	Birth Date	Job Desc
JAKARTA OFFICE		
IMAN NURACHMAT	18-Feb-61	SR. PERSONNEL INS. SUPT
RUBA	24-Feb-61	SR. DRIVER
MARGARETHA TOBING	16-Mar-61	SR. GENERAL SERVICES SUPT.
WARSO	12-Apr-61	SR.DRIVER
RANDOLF IRWANTO BLEDOEG	18-May-61	ENV. HEALTH & SAFETY MANAGER
ANDREAS SUPARNO	8-May-61	OFFICE SUPPLY CLERK
SURYADI	7-Jul-61	SR. DRIVER
BAMBANG H. PRAYITNO	19-Jul-61	FIN.CONTROL & COMPL.MANAGER
HERI HARYANTO	5-Sep-61	SR.DRIVER
MARYKE PITA YUSTIKA PULUNGGONO	28-Sep-61	VP HUMAN RESOURCES & RELATIONS
ENDANG SUKARNA	29-Sep-61	SR.DRIVER
JAMBI FIELD		
YOYOK SUSMIADI	15-May-61	SR. STOCK CONTROL SUPERVISOR
SISWATI MACHMUD	5-Dec-61	
YUNUS LAMAMA	25-Aug-61	PLATFORM OPERATIONS SUPT.
KMT-SORONG FIELD		
ISNAENI	5-Jun-61	SR. PIPELINE WELDER
MURNI ARDI	18-Jun-61	ADMIN. & SHIPPING SUPV-II
HULMAN SIAHAAN	17-Sep-61	OPRT.PRODUCTION SUPERINTENDENT
OBAJA JIPAREN	4-Oct-61	HEO SUPERVISOR-II
MUJIB AMBAR	9-Oct-61	FIELD PUBLIC RELATION SUPT.