



TALAASH

OGDCL NEWS



April - September 2020

OGDCL discovers Gas and Condensate at Siab -1 in Kohat



Oil and Gas Development Company Limited (OGDCL) as an operator (97.5%) and Khyber Pakhtunkhwa Oil & Gas Company Limited (KPOGCL) (2.5%) has discovered gas & condensate from its exploratory well Siab-1, which is located in District Kohat, Khyber Pakhtunkhwa province. The structure of Siab-1 was drilled and tested using OGDCL's in house expertise. The well was drilled down to the depth of 5,500 meters. Based on open hole logs data, the well was tested at a rate of 1.6 million standard cubic

feet per day (MMSCFD) of gas and 12 barrels per day (BPD) of condensate through 32/64" choke at well head flowing pressure of 190 pounds per square inch (PSI) from Samanasuk Formation. The discovery of Siab-1 is the result of Company's aggressive exploration strategy and will contribute to reducing the gap between supply and demand of oil and gas in the country through the exploitation of indigenous resources.

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Discovery of Togh Bala 01

The joint venture comprising Oil and Gas Development Company Limited (OGDCL) as the operator (50%), Mari Petroleum Company Limited (MPCL) (33.33%) & Saif Energy Limited (SEL) (16.67%) has made a gas and condensate discovery through its exploratory efforts at Togh Bala-01, which is located in District Kohat, Khyber Pakhtunkhwa Province.

Togh Bala Well -01 was spudded-in on June 27, 2020, and drilled down to 2172 meters in Lockhart Formation. The open hole testing was

carried out against Lockhart Formation which flowed at the rate of 9.00 Million Standard Cubic Feet Per Day (MMSCFD) gas and 125 barrels per Day (BPD) condensate with well head flowing pressure of 1690 Psi AT 32/64" choke size.

The discovery of Togh Bala Well -01 is the result of an aggressive exploration strategy adopted by the Kohat JV and it would add to the hydrocarbon reserves base of OGDCL and the country.

OGDCL starts commercial Production of Gas & Condensate at Togh Well # 01

Oil & Gas Development Company Limited (OGDCL) as an operator with (50% share), Mari Petroleum Company Limited (MPCL) (33.33%) & Saif Energy Limited (SEL)(16.67%) in the joint venture of Kohat Exploration Licence (E.L) has started commercial production of gas and condensate from its exploratory well Togh # 01, which is located in District Kohat, Khyber Pakhtunkhwa Province.

OGDCL indigenously completed 8" inch dia, 3.5 Km flow line from

Togh Well # 01 to Sheikhan Well # 01. The wellhead assembly and other allied facilities including gathering area, separation facility, dehydration plant, storage facility, dispatch pumping station, gantry area, and metering station were constructed using in-house resources. On June 30th, 2020 the first gas was successfully injected into M/s SNGPL network wherein OGDCL is committed to providing 9.0 mmscfd gas and 240 barrels per day (BPD) of condensate.

Quote of the Quarter

“A good teacher is like a candle - it consumes itself to light the way for others”

- Mustafa Kamal Atatürk -



OGDCL Starts Commercial Production of Gas & Condensate at Dhok Hussain Well #01



The joint venture of Baratai D&PL comprising Oil & Gas Development Company Limited (OGDCL) as operator (97.5%) & Khyber Pakhtunkhwa Oil & Gas Company Limited (KPOGCL) (2.5%) has started commercial production of gas and condensate from its exploratory well Dhok Hussain # 01, which is located in District Kohat, Khyber Pakhtunkhwa Province.

The Early Production Facilities which includes installation of the wellhead facility, gathering & separation facility, dehydration plant, pumping facility, storage tanks, filling gantry, gas metering, and infrastructure development was completed through indigenous efforts of OGDCL. The laying of 8" inch dia, 14.25 Km flow line from Dhok

Hussain gas field to M/s SNGPL sales metering station (SMS) was completed by SNGPL. On June 28th, 2020, the first gas was successfully injected into M/s SNGPL network wherein OGDCL is committed to providing 300 BPD Oil and 12 MMSCFD gas.

OGDCL is aiming to intensify field development activities, completion of ongoing development projects, and utilization of latest production techniques to maintain and optimize oil & gas output. The startup of commercial production would increase the oil and gas production of the Company and the country thus helping to reduce the ever-growing demand of domestic consumers and industry.

Commencement of Commercial Production of Gas at Thal East Well # 01 & Bhambhra Well # 01

Oil & Gas Development Company Limited (OGDCL) being the operator of Thal D&PL with 100% working interest has started commercial production of gas from its exploratory wells Thal East-1 and Bhambhra-1. Both the wells are located in District Sukkur, Sindh Province.

OGDCL indigenously completed 6" inch dia, 7.5 km flow line from Bhambhra Well # 1 to Thal East well # 1 and 8" inch dia, 28.8 Km flow line from Thal East well # 1 to Thal West Well # 1. It is pertinent to mention that 8" dia, 12 Km flow line from Thal West Well # 1 to Kadanwari Plant was already completed in June 2019 and the well was injected into the system at that time. On June 26th, 2020, the first gas of Thal East well # 1 was injected into the system whereas on June 28th, 2020 the first gas of Bhambhra well # 1 was also injected into the system. The gas is being processed at Kadanwari Plant for onward transmission to M/s SSGCL network. OGDCL is committed to providing 10 mmscf/d gas from Thal East # 1 well and 2.25 mmscf/d gas from Bhambhra well # 1.

Senior Management Retired from OGDCL Services

Name	Designation
Dr. Naseem Ahmed	Executive Director (Production)
Malik Muhammad Afzal	General Manager (Administration)
Hafiz Muhammad Aslam	General Manager (Material Management)
Irfan Babar Khan	General Manager (Material Management)

OGDCL Enhances Oil & Gas Production from Mela Field



Oil & Gas Development Company Limited (OGDCL) as operator with (56.45% share), Pakistan Petroleum Limited (PPL) (28.55%) & Government Holdings (Private) Limited (GHPL) (15%) in the joint venture of Mela Drilling & Production Lease (D&PL) Block has successfully tested, completed, injected development well Mela # 07 into the production stream. The Mela well is located in District Kohat, Khyber Pakhtunkhwa. The gas is being supplied into the main grid of Sui Northern Gas Pipe Line network.

The structure of Mela well # 07 was delineated drilled and tested using OGDCL's in house expertise. The well was drilled down to the depth of

5,095 meters, targeting to test the hydrocarbon potential of Datta formation. The Zone is currently producing 427 barrels (BBL) of crude oil and 5.0 mmscfd of gas through 36/64" choke at wellhead flowing pressure of 1780 PSI.

It is pertinent to mention that Mela oil field was discovered in September 2006. The newly injected development well would add to the hydrocarbon reserves base of the OGDCL, PPL, GHPL, and the country besides bringing significant savings to the exchequer through import substitution.

OGDCL Announces Financial Results for the Year Ended June 30, 2020

The Board of Directors of Oil & Gas Development Company Limited (OGDCL) in a meeting held on 28th September 2020 at OGDCL House, Islamabad, announced the financial results for the year ended 30th June 2020. The Company's net sales revenue amounted to Rs. 244.856 billion with profit after tax at Rs. 100.081 billion. This translated into earnings per share of Rs. 23.27.





OGDCL participates in Seminar on Natural Gas Supply

A seminar on Natural Gas Supply was organized by the Petroleum Division at Prime Minister's Secretariat in Islamabad on September 09, 2020. The seminar theme was "Sustainability, Security, and Affordability of Natural Gas Supply in Pakistan".

Mr. Shahid Salim Khan, MD/CEO along with other top management officials participated in the seminar. Prime Minister Imran Khan was the Chief Guest on the occasion. Minister, Petroleum Division Mr. Omar Ayub Khan and the advisor to the PM on Petroleum, Mr. Nadeem Babar also attended the event.

The event majorly focused on issues regarding gas supply. Corporate heads and experts from upstream and downstream sectors

participated in the seminar. Prime Minister Imran Khan during the seminar addressed the forthcoming challenges of resource shortages and circular debt. He also discussed a long-term strategy that the country needs to adopt which would simultaneously complement the national interest.

During the seminar, gas supply options, financial sustainability, and weighted average cost of gas, gas infrastructure development needs, open access regime, challenges, and strategies were discussed in detail. The seminar concluded with speeches by Mr. Nadeem Babar, Special Assistant to Prime Minister on Petroleum, and Mr. Omar Ayub Khan, Minister for Energy.

Shield of Acknowledgement



Mr. Wisal Fakhr Sultan, DIG National Highways & Motorway Police presented Mr. Babar Iftikhar Warraich, Manager External Communications with a shield. Shield was presented as goodwill gesture over OGDCL's contribution in different sectors. Mr. Wisal appreciated OGDCL's role and stated that OGDCL has always supported progress through different avenues.



Employee Appreciated

Dr. Muhammad Faisal Malik, DPO, HRIS completed his PhD on Human Resource Management from SZABIST University, Islamabad. Upon completion of his PhD, Mr. Shahid Salim Khan, MD/CEO, OGDCL congratulated and presented him a bouquet at OGDCL's Auditorium on 04th September, 2020. Mr. Faisal's thesis title was "Effects of Authentic Leadership on Followers' Attitudes and Behaviors: Developing and testing of an Integrated Model". He has also published around 08 papers in local and international journals.

Research Papers Presented in Geoconvention 2020, Canada by Professionals of Exploration Department



Mr. Muhammad Akram Qureshi
Manager Exploration (BS/ER)



Mr. Imran Khan
Geologist (BS) - Exploration



Dr. Shabeer Ahmed Abbasi
Geophysicist (BS)- Exploration

Three research papers presented in Geoconvention, 2020, Calgary, Canada. It is an annual event organized by the Canadian Society of Petroleum Geologists (CSPG), Canadian Society of Exploration Geophysicist (CSEG), and Canadian Well Logging Society (CWLS). This year it was a virtual event held on 21-23 September 2020. The convention officers delegates and attendees the opportunity to network and learn with fellow industry professionals. Over 4,500 attendees and 60 exhibitors participated in the event from all over the globe. Two papers were presented under the theme "Applied Structural Geology and Tectonics in the Evaluation of Petroleum Systems". One paper was presented by principal author Mr. Muhammad Akram Qureshi, Manager (Basin Study) Exploration, on "Tectonostratigraphy, Structural Development and Hydrocarbon Potential of Khairpur-Jacobabad High, Lower Indus Basin, Pakistan – An overview based on Seismic and Well Data". Coauthors included Mr. Zahoor Khan, Manager Exploration, Rana Faisal Shahzad, Senior Geophysicist (B.S), Dr. Shabeer Ahmed Abbasi, Geophysicist (B.S), Mr. Shakeel Ahmed, Geologist (B.S), Mr. Imran Khan, Geologist (B.S) and Mr. Uzair Hamid Awan, Assistant Geophysicist (B.S). This paper will be helpful in correlating the timing of structuration and migration of hydrocarbon in petroleum plays of Jurassic, Cretaceous and Paleogene for both structural and stratigraphic features.

The second paper was under the same theme on "Geomechanical Modelling based on Elastic Dislocation (ED) for Prediction of Fractures Network Characteristics, Density and Orientation in Complex

Compressional Regime of Upper Indus Basin, Pakistan and its comparison with FMI logs" presented by the principal author Mr. Imran Khan, Geologist (B.S). Coauthors in this paper included Mr. Muhammad Akram Qureshi, Manager Exploration (BS/ER), Mr. Zahoor Khan, Manager Exploration, Rana Faisal Shahzad, Senior Geophysicist (B.S), Dr. Shabeer Ahmed Abbasi, Geophysicist (B.S), and Mr. Shams-ul-Alam, Geologist (B.S). This paper will be helpful for the prediction of stress fields and strain in the prospect to establish fractures and their characteristics.

The third paper presented under the theme "International Case Studies on Structural Interpretation", titled on "An Overview of Structural Styles and Hydrocarbon Potential, Sulaiman Fold belt, Pakistan", presented by principal author Dr. Shabeer Ahmed Abbasi, Geophysicist (B.S). The paper was focused on the tectonic events that controlled the development of Sulaiman Fold belt (SFB) and suitability of prevailing structural styles for the hydrocarbon potential of Sulaiman Fold belt area. Coauthors in this paper are Mr. Muhammad Akram Qureshi, Manager (BS)-Exploration, Rana Faisal Shahzad, Senior Geophysicist (B.S), Mr. Sajid Sharif, Geologist (B.S), Mr. Imran Khan, Geologist (B.S) and Mr. Adnan Naseer, Senior Geophysicist (P.G).

All the papers were appreciated by session chairs and delegates. Authors are highly thankful to the management of OGDCL for the permissions to submit the papers for publication and oral as well as poster presentation.



Reaching the end of a job interview, the Human Resources Officer asks a young fresh graduate, "And what starting salary are you looking for?" The graduate replies, "In the region of Rs.220,000 a month, depending on the benefits package." The interviewer inquires, "Well, what would you say to a package of five weeks vacation, 14 paid holidays, full medical and dental, company matching retirement fund to 50% of salary, and a company car leased every two years, say, a Civic?" The graduate sits up straight and says, "Wow! Are you kidding?" The interviewer replies, "Yeah, but you started it."

COVID-19



Safety Alert

Keeping in view the current rising trend of COVID-19, following measures may be ensured:



Wear mask throughout office hours. No employee will be allowed to enter the building without face mask.



Do not shake hands and embrace other employees.

6ft

Keep social distance even when you are wearing face mask.



Manage official meetings on video conferencing. If unavoidable, take complete precautionary measures.



Avoid over crowding in lift and wear face masks. Maximum four (04) persons should use lift at one time.



Do not talk/use cellphone in lifts to avoid spread of respiratory droplets that may carry the virus.



Do not lean on walls and avoid touching surfaces as much as possible.



Observe precautionary measures while using official transport.



Wash hands frequently with soap or use alcohol based hand sanitizers especially while dealing with file work or surfaces that are frequently touched like cash counters or reception desks, door handles, lift buttons, cash/currency notes, attendance registers etc.



Maintain general hygiene and take balanced diet. In case of any symptoms like flu, dry cough, temperature, sore throat, body pain, indigestion etc consult doctor and take subsequent medication/treatment.



TIPS TO REDUCE TECHNOLOGY ADDICTION

Research suggests that at least 64 per cent of people now spend up to four hours daily of leisure time in front of a screen. Just as TV watching has been linked to higher rates of obesity and diabetes, this extra sedentary time is bad news for our health

- 1 Choose outdoor activities when you're at home, make it a rule that you can't be online if the sun is shining. Instead, you have to go for a walk, ride a bike or get some other kind of healthy physical activity for at least an hour before you can pull out your phone or tablet, or take a seat at the computer. This rule should apply to everyone in your household.
- 2 Rearrange the family room furniture. Design your family room so that the TV is no longer the focal point of the room, but an afterthought that requires rearranging chairs to view it.
- 3 Limit social media use:
Whether it's Facebook, Twitter, Instagram or Snapchat, impose limits on the time you spend on social media. Avoid aimless browsing and give your time online a purpose: research holidays or read the news. Then log off!
- 4 Set aside reading time
Challenge yourself to read at least 30 pages of a great book before you check your device. Pick the right reading material and you'll soon find you've created a new pastime!
- 5 Engage in projects
Compile a list of one-hour evening projects. List everything you can possibly think of: organizing cupboards, sharpening knives, sorting through your sewing materials. Then try to do one each evening.



Hot baths help your heart

A study of 873 men and women aged between 60 and 76 showed that those who took at least five hot baths (with temperatures over 41°C) every week had significantly lower markers of atherosclerosis, which can lead to heart attacks and strokes. More research is needed, but the benefits may be due to lower stress levels and decreased blood pressure.



Mental health and exercise

According to a US study of 1.2 million people, those who exercised enjoyed better mental health than those who didn't. But there was a limit. Individuals who worked out for 45 minutes per session felt better than those who favored longer work-outs. Similarly, hitting the gym three to five times a week-not daily-correlated with optimal results.

KEY LESSONS FROM THE BEST LEADERSHIP BOOKS OF THE PAST DECADE

Leading a team or company is always a challenge. Not only do you need to manage their roles and responsibilities, you also need to inspire them and help them develop as individuals. Most challenging of all though is that there's no one-size-fits-all recipe for success. The right approach depends on your personality, skill set and of course the composition of your team. However, that's no excuse to just wing it. Leadership has been studied and written about extensively, so there is a lot of valuable advice out there you should be reading.

We distill the key insights from outstanding books and put them into a format that lets people learn more in less time. As we dug into the past few decades' most popular leadership books, we cherry-picked the most insightful, well-founded leadership tips we came across.



GIVE PEOPLE CLARITY ABOUT GOALS AND THE LATITUDE TO MEET THEM.

Some corporate executives are famed for their autocratic, near-tyrannical approach to leadership and management. The secret lies in setting clear goals and then letting people find their own paths to meet them. What will ultimately move your company forward is hiring (and trusting) great people to call the shots.

TAKE ACTION

How many meetings have you sat in where burning questions are debated for hours, but in the end no actual decision is made and there are no concrete actions follow? This is exactly the kind of work culture you as a leader should strive to change.

SO HOW DO YOU GET THERE?

First, you as a leader need to set an example of action. What that means for you is instating a

system that ensures people actually do the tasks that need to get done.

LEAD WITH INSPIRING VALUES

As a leader, one of the most inspiring things for your team members are the values they see you living. Focusing on safety forced the entire organization to re-evaluate and streamline its processes, resulting in a safer, more profitable company.

STRIVE FOR LEVEL 5 LEADERSHIP.

People are the most critical resource to any business, and that extends far beyond you as a leader. In fact the best kind of leader is one who removes himself/herself from center stage. Personally modest yet fanatically driven toward results; leaders share credit for their company's achievements, downplaying their own role, but are quick to take responsibility for shortcomings

SET THE FUTURE COURSE — BUT NOT IN STONE

Every company needs a direction and a clear path to follow, and many executives think they need to craft a detailed step-by-step action plan for the next ten years. But in today's environment, this simply doesn't work. Companies can't predict the future, so leaders would do better to create a guiding structure that's flexible and adaptable.

This is the kind of simple, effective concept your company needs to follow, and you can determine it by answering three simple questions: What can we be the best in the world at? What can we be passionate about? And What is the key economic indicator we should concentrate on?

But be patient. Looking at some of the most successful companies of the past decades, the book describes that it took an average of 4 years' iteration and debate for them to find their hedgehog concept. But since then, every decision in those companies was made in line with it, and success has followed.

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