

Von:
Gesendet:
An:
Cc:

Betreff:

Guten Morgen [REDACTED]

anbei, wie Sie mit [REDACTED] besprochen haben, die Beantwortung der noch offenen Fragen durch [REDACTED]

1. As we understand it, the delivered plant will be connected to an existing gas field. **Correct.**
To extract the gas, new holes are drilled regularly. **Correct.**
Does the replacement investment lead to an expansion of production capacity, or would the new holes have been drilled with the facilities to be replaced anyway? [REDACTED] **drills around [REDACTED] new wells every year, mainly [REDACTED]**
Does the purchase lead to more gas being extracted than before the acquisition? If yes, by approximately what percentage does the annual production volume increase? **No, the main plan is to keep gas production levels constant (see answer to question #2 below for annual figures).** [REDACTED]
2. How much gas is extracted at the site annually? **As [REDACTED] works with a [REDACTED] strategy, the gas production is directly related to Electric energy dispatch requirements. In the last three years [REDACTED] has produced: [REDACTED] bcm (2020); [REDACTED] bcm (2021); and [REDACTED] bcm (2022).**
3. No oil is extracted at the site, correct? **Correct. Parnaíba wells produce dry gas.**
4. Will the replacement investment extend the operating life of the gas field? If yes, by how many years? **The new Herrenknecht rig will bring additional **Safety** (by reducing human intervention in repetitive actions), **Efficiency** (new equipment has most large pieces of equipment mounted on wheeled trailers) and **Quality** (new rig is computerized and most movements are hydraulic driven). These have been the main drivers for the acquisition of the new rig, and not the extension of the operating life of the field.**
5. Is our understanding correct that no new [REDACTED] had to be set up for the newly used area? **Correct.**
6. How is the [REDACTED] land used by [REDACTED]? Have there been any complaints from [REDACTED] in the past? If yes, what kind? **The areas used by the company for the development of E&P activities, are duly [REDACTED] These effectively [REDACTED] areas are properly signposted and isolated, and the [REDACTED] can continue to carry out his activities normally, without any significant impact. Throughout the company's history, there have never been complaints related to the course of exploration and production activities, just a few requests for improvements to the property. Each case was analyzed individually, and a solution has always been provided. It is common for [REDACTED] to make improvements to accesses, bridges, and drainage in areas where necessary, all of which are done with the proper authorization of [REDACTED] and the competent regulatory agencies.**
7. To our understanding, there is no routine venting or flaring of associated gas at the site, correct? **(Only in emergency situations, if at all). Correct.**
8. How many kilometers of new pipelines will be installed as part of the acquisition of the drilling rig? Does the pipeline also cross land that is not owned or leased by the purchaser? **No new pipeline is expected. Only small diameter offtake lines to connect new wells to existing hub facilities.**
9. Please provide us with the coordinates (decimal degrees) of the deployment site. [REDACTED]

10. You mentioned that consultation processes have already taken place as part of the Environmental Due Diligence process. When exactly did these take place? Are new information and consultation events planned / required? Every new project undergoes environmental Due Diligence before being acquired by [REDACTED] or before a deal is closed. In addition, internally, we maintain an internal audit program to verify internal processes to maintain legal compliance, without missing deadlines. We check all licenses in use by the company [REDACTED]
11. Do indigenous peoples inhabit the region where the gas is extracted? Were they included in the consultation process? Here are no indigenous communities in the areas of gas extraction, either directly or indirectly.
12. Are the required national permits (environmental, operational, occupational safety) in place? All licenses are up to date. We maintain strict control over the necessary validity, renewals, and application for new licenses.
13. Are management systems implemented at the site (environmental, occupational safety)? Are they certified according to international standards (e.g., ISO 14001, ISO 45001)? [REDACTED] has its own Well Construction, Health, Safety and Security Management System implemented at the site. Furthermore, only world class service suppliers (such as [REDACTED]) are hired to deliver all the associated well construction services.
14. Is there a formal grievance mechanism in place so that stakeholders (employees, residents, NGOs, etc.) can file complaints? How are complaints handled? In accordance with our code of conduct, all our employees (own and third parties) must express their concerns and inform us immediately of any behavior or situation that may be violating our code or company policies, the law, or internal rules. Therefore, we have established a Reporting Channel for complaints via internet ([REDACTED]) or by phone (+55 [REDACTED]), available 24-hour a day / 7 days a week. The identity of person is kept confidential, and the channel is managed by an external company to guarantee the necessary impartiality during the investigation of the complaints.
15. Can it be assumed that the use of the new drilling rig will result in fewer methane emissions escaping into the atmosphere? Is this measured? If so, how? [REDACTED] been using a [REDACTED] drilling rig to develop the Parnaíba field thus far. The new Herrenknecht rig -that will replace the currently utilized rig- has been ordered with Dynamic Fuel Blending generators, capable of utilizing a fuel mix of up to 70% gas. This will significantly reduce the CO2 emissions due to cleaner combustion.
16. Are Carbon Capture (and Storage) technologies used in the processing of natural gas? [REDACTED] is starting to analyze [REDACTED] technologies as part of its long term ESG plans to reduce its CO2 footprint at every stage of its value chain.
17. Can we expect the responses highlighted in yellow in the questionnaire to be provided later? Already answered.

Bitte melden Sie sich, sollten sich noch weitere Rückfragen ergeben.

Vielen Dank und noch einen schönen Tag!

Mit freundlichen Grüßen

Yours sincerely

Sincères salutations

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Gesendet: Freitag, 14. April 2023 15:46

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Betreff: Umwelt-, Sozial- und Menschenrechtsprüfung - Lieferung Drilling Rig | Brasilien [REDACTED]

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Guten Tag [REDACTED]

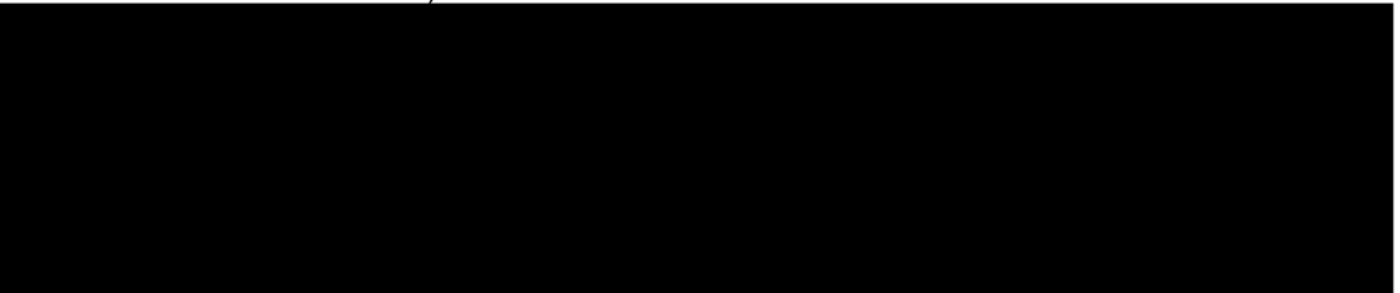
ich bin für die USM-Prüfung des o.g. Geschäfts verantwortlich. Zunächst einmal vielen Dank für die proaktive Befüllung des relevanten USM-Fragebogens.

Um das Projekt noch etwas besser zu verstehen, würde ich Sie bitten, die folgenden Fragen zu beantworten bzw. an Ihren Kunden weiterzuleiten. Da wir aufgrund des fossilen Sektors mit Nachfragen der Ministerien rechnen, wären ich dankbar, wenn die Antworten möglichst vollständig sind. Sollte es dazu von Ihrer Seite (oder von Ihrem Kunden) Rückfragen geben, melden Sie sich gerne bei mir.

1. Nach unserem Verständnis wird die gelieferte Anlage an ein bestehendes Gasfeld geliefert. Zur Förderung des Gases werden regelmäßig neue Löcher gebohrt. Kommt es durch die Ersatzinvestition zu einer Ausweitung der Förderkapazität oder wären die neuen Löcher auch mit den zu ersetzenden Anlagen gebohrt worden? Führt die Anschaffung dazu, dass mehr Gas gefördert werden kann, als vor der Anschaffung? Wenn ja, um wie viel Prozent erhöht sich das Fördervolumen ca.?
2. Wie viel Gas wird am Standort jährlich gefördert?
3. Erdöl wird am Standort nicht gefördert, richtig?
4. Wird sich durch die Ersatzinvestition die Laufzeit für die Nutzung des Gasfeldes verlängern? Wenn ja, um wie viele Jahre?
5. Ist unser Verständnis korrekt, dass für die neu genutzte Fläche keinen neuen [REDACTED] aufgesetzt werden mussten?
6. Wie wird das [REDACTED] Land von den [REDACTED] genutzt? Gab es in der Vergangenheit Beschwerden von [REDACTED]? Wenn ja, welche?
7. Nach unserem Verständnis kommt es am Standort weder zu routinemäßigem Ablassen oder Abfackeln von Begleitgas, richtig? (Wenn, dann in Notfallsituationen).
8. Wie viele Kilometer neue Pipelines werden im Zuge der Anschaffung des Bohrturms neu installiert? Führt die Pipeline auch über Land, dass nicht vom Besteller besessen bzw. geleast ist?
9. Bitte lassen Sie uns Koordinaten (Dezimalgrad) des Einsatzstandortes zukommen.
10. Sie schreiben, dass im Rahmen des Environmental Due Diligence Prozesses bereits Konsultationsprozesse stattgefunden haben. Wann genau fanden diese statt? Sind neue Informations- und Konsultationsveranstaltungen geplant / erforderlich?
11. Bewohnen indigene Völker die Region, in der das Gas gefördert wird? Wurden diese bei dem Konsultationsprozess mit einbezogen?
12. Liegen die erforderlichen nationalen Genehmigungen (Umwelt, Betrieb, Arbeitssicherheit) vor?
13. Sind am Standort Managementsysteme implementiert (Umwelt, Arbeitssicherheit)? Sind diese nach internationalen Standards zertifiziert (z. B. ISO 14001, ISO 45001)?
14. Gibt es einen formalen Beschwerdemechanismus, sodass sich Stakeholder (Beschäftigte, Anwohner, NGOs etc.) beschweren können? Wie werden Beschwerden bearbeitet?
15. Ist davon auszugehen, dass durch die Nutzung des neuen Bohrturms weniger Methanemissionen in die Atmosphäre entweichen? Wird dies gemessen? Wenn ja, wie?
16. Kommen bei der Verarbeitung des Erdgases Carbon Capture (and Storage) Technologien zum Einsatz?
17. Ist davon auszugehen, dass die im Fragebogen gelb markierten Antworten noch nachgeliefert werden?

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17. Can we expect the responses highlighted in yellow in the questionnaire to be provided later?

Vielen Dank und freundliche Grüße,



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Sitz der Gesellschaft: Hamburg
 Registergericht: Hamburg HRB 130564
 Vorstand: Aemilius Wilhelmus Bogaerts, Vorsitzender; Silke Grimm, Edna Schöne, Guido Vos
 Vorsitzender des Aufsichtsrats: Dr. Gerd-Uwe Baden



Registergericht / Registration Court: Freiburg HRB 390485
Aufsichtsrat/Supervisory Board:

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Günther H. Oettinger, Stellvertreter/Vice Chairman

Vorstand / Board of Management:

Dr.-Ing. E.h. Martin Herrenknecht, Vorsitzender/Chairman
Dipl.-Wi.-Ing. Michael Sprang, Stellvertreter/Vice Chairman, CFO
Dipl.-Ing. (FH) Ulrich Schaffhauser
Dipl.-Ing. (FH) Martin-Devid Herrenknecht

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