

Petroleum Agency SA

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30 August 2019

Ref: 12/3/007
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Email: stefano@renergen.co.za
Cc: khalidp@tetra4.com

Mr. Stefano Marina
Environmental Resources Management South Africa (Pty) Ltd
First floor, Great Westerford House
240 Main road
Rondebosch
South Africa

Dear Mr. Marina

AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION IN TERMS OF REGULATION 29 OF THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 ("EIA REGULATIONS") UNDER THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998 ("NEMA")

I refer to the above application and wish to advise you that your application for amendment of an Environmental Authorization has been granted.

Attached hereto for your attention is signed copy of amended Environmental Authorisation.

If you need further assistance do not hesitate to contact us.

Yours sincerely,


.....
L MEKWE
ACTING CHIEF EXECUTIVE OFFICER

Directors:

B Luthuli R Nkambule L Nengovhela L Mekwe (Acting Executive)

Company Secretary: Adv E Hendricks

Subsidiary of CEF SOC Ltd.

South African Agency for Promotion of Petroleum Exploration and Exploitation SOC Ltd. Registration No. 1999/015715/30





mineral resources

Department:
Mineral Resources
REPUBLIC OF SOUTH AFRICA

Our Reference: 12/04/07

Mr Stefano Marani

Postnet Suite 610
Private Bag X10030
Randburg
2125

Dear Mr Marani

AMENDMENT OF ENVIRONMENTAL AUTHORISATION IN TERMS OF REGULATION 29 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, 1998: ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2014 FOR THE PROPOSED CLUSTER 1 GAS PRODUCTION IN VIRGINIA, FREE STATE PROVINCE

The environmental authorisation (EA) dated 21 September 2017, the application for amendment of the EA dated 20 June 2018 and additional information received on 30 July 2018, refer.

After careful consideration of the aforementioned information, the reasons for requesting the amendment of the EA, and the fact that the proposed amendments neither increase the significance of the impacts nor trigger additional impacts to the ones identified and assessed during the EIA process, the Department hereby, in terms of the National Environmental Management Act, 1998 (Act No. 107 of 2008), amends the EA dated 21 September 2017 as follows:

1. Amendment of the EA conditions

1.1 Amendment of condition 3.2 which currently reads as follows:

“Each of the thirteen existing wells and six (6) exploration wells will have a wellhead to boost gas recovery, and the well will be connected via pipeline to an inline gas booster or centralised infield reciprocating compressor. Pipeline to be used will be a combination of high pressure steel and low pressure high density polyethylene (HDPE) which will be installed at a minimum depth of 1.1 m below ground or plough line. The footprint of each production site would be approximately 10m x 10m with wellhead. Where localised booster compressor is required, the footprint per well will be approximately 30m x 20m. Furthermore, the footprint o the proposed centralising reciprocating compressor including gas drier will be approximately 60m x 60m’.

is amended as follows:

‘Each of the thirteen existing wells and new exploration wells will have a wellhead to boost gas recovery, and the well will be connected via pipeline to an inline gas booster or centralised infield reciprocating compressor. Pipeline to be used will be a combination of high pressure carbon steel and low pressure high density polyethylene (HDPE) which will be installed at a minimum depth of 1.5 m below ground or plough line. The footprint of each production well site would be approximately 10m x 10m with wellhead. Where localised booster compressor is required, the footprint per well site will be approximately 30m x 20m. Furthermore, the footprint o the proposed centralising reciprocating compressor including gas drier will be approximately 60m x 60m’.

1.2 Amendment of condition 5.3.3 which currently reads as follows:

‘A thirty (30) day written notice must be given to the Petroleum Agency SA prior to the commencement of any of the authorised production activities’.

is amended as follows

‘A thirty (30) day written notice must be given to the Petroleum Agency SA prior to the commencement of any of the authorised production activities located within the boundary of Cluster 1’.

1.3 Amendment of condition 5.4.1 which currently reads as follows:

‘The Environmental Management Programme (EMPR) submitted with the Environmental Impact Assessment Report (EIR) is hereby approved. It is hence mandatory for the holder to implement all recommendations and management measures stipulated in the EMPR throughout all the phases of the proposed production activities’.

is amended as follows

'The Environmental Management Programme (EMPR) submitted with the Environmental Impact Assessment Report (EIR) is hereby approved. It is hence mandatory for the holder to implement all recommendations and management measures stipulated in the Cluster 1 EMPR throughout all the phases of the proposed production activities within Cluster 1'.

1.4 Amendment of condition 5.4.5 which currently reads as follows:

'The EMPR must be included in all contractual documentation entered thereto between the holder and contractor(s). Furthermore, a copy of the EMPR must be kept on-board the survey aircraft at all times'.

is amended as follows:

'The EMPR must be included in all contractual documentation entered into between the holder and contractor(s). Furthermore, a copy of the EMPR must be kept at the site office at all times'.

1.5 Amendment of condition 5.2.2 which currently reads as follows:

'If the final position of the new wells and compressor site(s) as described in the EIR are altered, new and final positions must be placed within the assessed 1km buffer area, and must avoid environmentally sensitive areas, including areas of historical/cultural/heritage significance'.

is amended as follows:

'If the final position of new wells and compressor site(s) as described in the EIR are altered, new and final positions must be placed within the assessed Cluster 1 area and must (where practically possible) avoid environmentally sensitive areas, including areas of historical/cultural/heritage significance'.

2. Amendment of the pipeline route alignment

2.1. Proposed changes to pipeline route on portion 2 of Boschluisspruit and portion RE of farm Retreat 118:

In line with condition 5.1.5 of the environmental authorisation dated 21 September 2017 concerning the approval of any changes to, or deviations from the conditions of the environmental authorisation and recommendations of the Scoping and Environmental Impact Assessment Report and Environmental Management Programme by the Department, proposed changes on pipelines routes on portion 2 of farm Boschluisspruit 278 and portion RE of the farm Retreat 118 and Boschluisspruit 278 as agreed between the applicant and the respective landowners are hereby approved.

Please note that this amendment letter does not change other conditions and content of the EA dated 21 September 2017 and therefore the amendments made must be read in conjunction with the said EA.

You are instructed in terms of Regulation 4(2) of the EIA Regulations to notify all registered interested and affected parties (I&APs), in writing and within fourteen days of the date of the decision in respect of the amendment application. You are also required to inform registered I&APs of the procedure to submit appeals against the decision as contained in the National Environmental Management Act, 1998 (Act 107 of 1998): National Appeals Regulations, 2014 (hereafter referred to as 'Appeals Regulations').

Should you wish to appeal any aspect of the amendment decision, you must submit an appeal in the prescribed form and in accordance with Chapter 2 of the Appeals Regulation, within twenty days from the date of notification of the decision. The said must be submitted to the Minister of Environmental Affairs, and copies sent to the Department of Mineral Resources (Head Office) and the Petroleum Agency SA by one of the following means:

1) Department of Environmental Affairs

Appeals and Legal Review Directorate

Attention: Director: Appeals and Legal Review

Email: appealsdirector@environment.gov.za

Post: Private Bag x 447, PRETORIA, 0001

By Hand: Environmental House, Corner Steve Biko and Soutspansberg Street, Acardia, Pretoria, 0083

2) The Petroleum Agency SA

Attention: The Chief Executive Officer

Email: EAappeals@petroleumagency.com

Post: Private Bag x 5111, TYGERVALLEY, 7536

By Hand: Tygerpoort Building, 7 Mispel Road, BELLVILLE, 7530

3) Department of Mineral Resources

Legal Services Directorate

Attention: Director: Legal Services

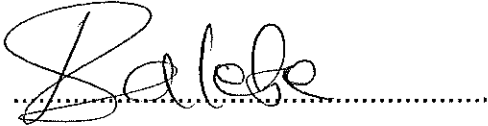
Facsimile: 086 710 0877

Post: Private Bag x 59, ARCADIA, 0007

By Hand: Trevenna Campus, Building 2C, c/o Meintjes and Francis Baard Street, SUNNYSIDE

Please also note that should the Minister of Environmental Affairs receive appeals against the amendment decision or aspects thereof, the adjustments made to the EA will be suspended in accordance with section 43(7) of NEMA pending the decision on such appeals.

Yours faithfully



Adv. Mmadikeledi Suzan Malebe

Deputy Director-General: Mineral Regulation

Date: 26 Aug 2019