

IN THE NORTH GAUTENG HIGH COURT, PRETORIA

(REPUBLIC OF SOUTH AFRICA)

CASE NUMBER: 60768/2011

In the matter between:-

TREASURE THE KAROO ACTION GROUP

Applicant

and

MINISTER OF MINERAL RESOURCES

First Respondent

DIRECTOR-GENERAL, MINERAL RESOURCES

Second Respondent

FILING SHEET

DOCUMENT RESPONDENTS' ANSWERING AFFIDAVIT

DOCUMENT : RESPONDENTS' ANSWERING AFFIDAVIT

FILED BY : THE STATE ATTORNEY, PRETORIA
ATTORNEYS FOR THE RESPONDENTS
GROUND FLOOR, SALU BUILDING
cnr ANDRIES & SCHOEMAN STREETS
PRETORIA
REF: 7480/2011/Z51/S MATHEBULA

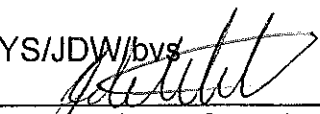
TO : THE REGISTRAR OF THE HIGH COURT
PRETORIA

AND TO: VAN ZYL, LE ROUX INC
ATTORNEYS FOR THE APPLICANT
FIRST FLOOR, MONUMENT OFFICE PARK, BLOCK 3
cnr STEENBOK AVENUE & ELEPHANT Road
MONUMENT PARK
PRETORIA

VAN ZYL, LE ROUX INC REF: 401064/GELDENHUYS/JDW/bys

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(REPUBLIC OF SOUTH AFRICA)

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MINISTER OF MINERAL RESOURCES

First Respondent

DIRECTOR-GENERAL, MINERAL RESOURCES

Second Respondent

RESPONDENTS' ANSWERING AFFIDAVIT

I, the undersigned,

THIBEDI RAMONTJA

do hereby make oath and state:

1.

1.1 I am the Director-General of the Department of Mineral

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Resources, in the national sphere of government. In my capacity as such, I am the Second Respondent herein.

1.2 I am duly authorised to depose to this answering affidavit on behalf of the First Respondent (the Minister of Mineral Resources, in her official capacity). I shall refer to the First Respondent as "the Minister".

1.3 The facts contained herein fall within my personal knowledge, except where appears otherwise from the context, and are true and correct.

1.4 To the extent that I make submissions of a legal nature herein, I do so on the strength of legal advice.

1.5 The allegations contained in the founding affidavit are for the most part common cause between the parties. I am accordingly advised that it is unnecessary for the determination of the matter to deal *seriatim* with such allegations. I shall deal with the allegations contained in the founding affidavit only insofar as the same are disputed.

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AD FOUNDING AFFIDAVIT:

2.

AD PARAGRAPHS 18.2 – 18.3 THEREOF:

2.1 In her answer to Parliamentary Question 1409 dated 26 May 2011, (Annexure "JFKD9"), the Minister stated that:

2.1.1 the task team is chaired by the Director-General of the Department of Mineral Resources, and is comprised of Deputy Directors-General of the Department of Mineral Resources, the Department of Science and Technology, the Department of Trade and Industry, and the CEO of the Petroleum Agency of South Africa;

2.1.2 the task team is supported by a working group comprising of representatives from the Petroleum Agency of South Africa, the Council for Geosciences, and the Council for Scientific and Industrial Research.

2.2 I attach hereto as Annexure "TR1" the terms of reference of

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the task team. As appears from the terms of reference:

2.2.1 the task team is chaired by the Director-General of the Department of Mineral Resources;

2.2.2 the task team is comprised of representatives of:

- (a) the Department of Mineral Resources;
- (b) the Petroleum Agency of South Africa;
- (c) the Department of Energy;
- (d) the Department of Science and Technology;
- (e) the Department of Environmental Affairs;
- (f) the Department of Water Affairs;
- (g) the Department of Economic Development;
- (h) the Department of Trade and Industry;

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2.2.3 the working group is comprised of representatives of:

- (a) the Petroleum Agency of South Africa;
- (b) the Council for Geosciences;
- (c) the Council for Scientific and Industrial Research;
- (d) the Department of Water Affairs.

2.3 The factual position regarding the membership of the task team and the working group is as set out in the terms of reference (Annexure "TR1").

3.

AD PARAGRAPH 40 THEREOF:

3.1 It is correct that the task team does not have any members from the Department of Agriculture. Regard being had to what is stated in paragraph 2.2.2 above, the task team does have members from the Department of Water Affairs and the Department of Environmental Affairs.

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3.2 Whilst the task team does not have any members from the Department of Agriculture, the report of the task team will be presented to Cabinet prior to its release into the public domain. The Department of Agriculture will accordingly have input into the report of the task team.

4.

AD PARAGRAPH 41 THEREOF:

It is denied that "*the task team's report would have to be considered tainted by bias*". The companies that have applied for fracking-related exploration licences (namely Shell Exploration Company B.V., Bundu Oil & Gas (Pty) Ltd and Falcon Oil & Gas Ltd) have not been allowed to engage with the task team as part of the working group's and task team's research.

5.

AD PARAGRAPH 45 THEREOF:

It is not the intention that "*the public and parties promoting the public interest should be denied access to information which has truly significant*

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environmental, economic and public health implications". The Minister's position is rather (as appears from the extract from the Cape Argus, 19 August 2011, Annexure "JFKD19") that "government first needed to be informed about fracking and to understand it before engaging in a public participation process that would precede its making a decision. The time will come when we will engage with everyone".

RELIEF CLAIMED:

Prayers 1.1 – 1.3 of the notice of motion:

6.

6.1 The terms of reference relating to the research to be conducted by the task team and the working group on fracking are attached hereto as Annexure "TR1".

6.2 The identities and qualifications of the members of the working group (save for the qualifications of 4 members) are attached hereto as Annexure "TR2". The qualifications of these 4 members will be furnished to the Applicant prior to the hearing of the matter.



6.3 The task team is comprised of the representatives referred to in paragraph 2.2.2 above. As the information officer of the Department of Mineral Resources, I do not have a record of the qualifications of the representatives of the government departments referred to in paragraphs 2.2(c) – (h). I attach hereto my qualifications as Annexure “TR3”.

Prayers 1.6 – 1.7 of the notice of motion:

7.

7.1 It is anticipated that the task team’s report will be finalised by 31 March 2012. Thereafter the task team’s report will be presented to Cabinet (by way of going through the Cabinet process) prior to its release into the public domain. The duration of the Cabinet process is not within the control of the Department of Mineral Resources. The estimated or expected release date of the task team’s report can accordingly not be given.

7.2 The working group’s and task team’s reports to date have not been furnished to any entity. Nor will such reports be furnished to any entity prior to the finalisation of the report, and the



release of the report into the public domain after it has been presented to Cabinet (by way of going through the Cabinet process).

Prayer 1.8 of the notice of motion:

8.

The correspondence referred to in prayer 1.8 of the notice of motion (together with an index) is attached hereto as Annexure "TR4".

Prayer 1.4 of the notice of motion:

9.

9.1 The Applicant seeks by way of prayer 1.4 of the notice of motion the "*(m)inutes of all working group and task team meetings*".

9.2 Section 44(1)(a)(ii) of the Promotion of Access to Information Act, No. 2 of 2002 ("PAIA"), provides as follows:

"44. Operations of public bodies.- (1) Subject to



subsections (3) and (4), the information officer of a public body may refuse a request for access to a record of the body -

(a) if the record contains -

(i) ...; or

(ii) an account of a consultation, discussion or deliberation that has occurred, including, but not limited to, minutes of a meeting,

for the purpose of assisting to formulate a policy or take a decision in the exercise of a power or performance of a duty conferred or imposed by law;"

9.3 In the light of the provisions of section 44(1)(a)(ii) of PAIA, it is submitted that the Applicant is not entitled to an order in terms of prayer 1.4 of the notice of motion by way of access to the minutes of working group and task team meetings. Legal argument will be presented to the Honourable Court in this regard at the hearing of the matter.

NA

NA

Prayer 1.5 of the notice of motion:

10.

10.1 By way of prayer 1.5 of the notice of motion, the Applicant seeks "*(a) copy of the most recent version of the reports of the working group and task team, irrespective of whether or not they are currently in draft form or whether they have already been finalised*".

10.2 Section 44(1)(a)(i) of PAIA provides as follows:

"44. Operations of public bodies – (1) Subject to subsections (3) and (4), the information officer of a public body may refuse a request for access to a record of the body -

(a) if the record contains -

(i) an opinion, advice, report or recommendation obtained

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or prepared;

for the purpose of assisting to formulate a policy or take a decision in the exercise of a power or performance of a duty conferred or imposed by law;"

- 10.3 In the light of the provisions of section 44(1)(a)(i) of PAIA, it is submitted that the Applicant is not entitled to an order in terms of prayer 1.5 of the notice of motion by way of access to the reports of the working group and task team (which are currently in draft form), being reports obtained or prepared for the purpose of assisting to formulate a policy or take a decision in the exercise of a power or performance of a duty conferred by law on fracking. Legal argument will be presented to the Honourable Court in this regard at the hearing of the matter.

Prayer 1.9 of the notice of motion:

11.

- 11.1 By way of prayer 1.9 of the notice of motion, the Applicant



seeks "(a)ll research documents (reports, studies, commentaries, academic papers and the like) that relate to fracking and which have been, or may be, used as part of the working group's and task team's research, and in particular, any such documentation that may have been furnished to the members of the working group or task team by Shell, Bundu and Falcon."

- 11.2 It is submitted that in the light of section 44(1)(a)(i) of PAIA (as quoted in paragraph 10.2 above), the Applicant is not entitled to an order in terms of prayer 1.9 of the notice of motion by way of access to the research documents referred to in such prayer, being documents obtained or prepared for the purpose of assisting to formulate a policy or take a decision in the exercise of a power or performance of a duty on fracking. Legal argument will be presented to the Honourable Court in this regard at the hearing of the matter.

WHEREFORE the Respondents pray that the application be dismissed in respect of prayers 1.4, 1.5 and 1.9 of the notice of motion, each party to bear its own costs of the application.

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I certify that the deponent has acknowledged that he/she knows and understands the contents of this affidavit which was signed and sworn to before me at PRETORIA on this 31 day of JANUARY 2012, and that the Regulations contained in Government Notice R1258 of 21 July 1972, as amended, have been complied with.

LA Shokane

COMMISSIONER OF OATHS

FULL NAMES: LETHABO ADVOCATE SHOKANE
COMMISSIONER OF OATHS
STREET ADDRESS: Advocate of the High Court of South Africa
CAPACITY: Department of Energy
Trevenna Campus
AREA: Cnr Meintjes and Schoeman Streets
Sunnyside, Pretoria
0002

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DEPARTMENT OF MINERAL RESOURCES
INTERDEPARTMENTAL TASK TEAM
FOR THE INVESTIGATION OF HYDRAULIC FRACTURING

TERMS OF REFERENCE

1. PURPOSE

The purpose of the Task Team shall be to investigate the full environmental, social, economic and legal implications of hydraulic fracturing as a technique for the exploration for, and production of oil and gas in South Africa, and to submit a report hereon for consideration by the Minister of Mineral Resources.

2. AUTHORITY OF THE TASK TEAM

- 2.1 The Task Team shall be advised by a Working Group, and such other ad hoc committee as it may deem necessary to constitute.
- 2.2 All policy decisions of the Task Team, excluding those that are for the administration of the functions of the Task Team, shall constitute recommendations for the Minister's final decision.

3. COMPOSITION OF THE TASK TEAM

3.1 The Chairperson

The Task Team shall be chaired by the Director General of the Department of Mineral Resources or such other official of the Department, or State Owned Entity (SOE), as the Minister of Mineral Resources may appoint.

3.2 Membership

The membership of the Task Team shall be made up of representatives of the following government departments and SOEs:

- Department of Mineral Resources

- Petroleum Agency SA (PASA)
- Department of Energy
- Department of Science and Technology
- Department of Environmental Affairs
- Department of Water Affairs
- Department of Economic Development
- Department of Trade and Industry

3.3 Working Group

The **Working Group (WG)** will be chaired by the Chief Executive Officer of PASA and will comprise representatives from the following organisations:

- PASA (DMR)
- CGS (DMR)
- CSIR (DST)
- Department of Water Affairs

4. RESPONSIBILITIES

The Task Team, with the assistance of the Working Group, will investigate -

- 4.1 the technical aspects of hydraulic fracturing (HF) with respect to conventional petroleum, coalbed methane and shale;
- 4.2 possible environmental and social implications of hydraulic fracturing and related activities for the different hydrocarbon play types, including but not limited to
 - 4.2.1 land use
 - 4.2.2 water use
 - 4.2.3 water pollution OR aquifer contamination
 - 4.2.4 noise / dust pollution
- 4.3 the existing regulatory framework to identify any shortfall or omission with regard to proposed activities;
- 4.4 the estimates of the (unexplored) hydrocarbon resource and any constraints on these;
- 4.5 the implications for South Africa's energy security;
- 4.6 the economic implications of either a ban, moratorium or stringent environmental regulatory measures on Hydraulic Fracturing (HF);

Handwritten initials and a vertical line at the bottom right of the page.

- 4.7 Infrastructure and market limitations for gas and its effect on viability of the resource; and
- 4.8 Implications for Astronomy Research projects for South Africa.

5. TIMELINE

- 5.1 First meeting, Friday 27th May (Terms of Reference and constitution of Task Team and Working Group)
- 5.2 Minister's budget speech and statement 1 June 2011
- 5.3 Interim Report by 30 June 2011 to include:
 - 5.3.1 What immediate actions can be safely taken (regardless of the status of HF) for each of the play types to remain within the existing regulated framework and timelines and to ensure that the exploration process is not stalled for an extended period;
 - 5.3.2 Duration of moratorium.
- 5.4 Final Report 31 July 2011

The working group consisted of representatives of the following institutions:

Petroleum Agency SA	Mr M R Xiphu, Chief Executive Officer (Chairman) Ms P Ngesi, Environmental Compliance Manager Mr S R Mills, Technical Compliance Manager Ms Jenny Marot Mr Tebogo Motloung
Department of Mineral Resources	Mr A Andreas
Council for Geoscience	Dr L Chevallier, Regional Manager – Western and Northern Cape Provinces
Department of Energy	Mr M Mkhize, Chief Director – Hydrocarbons
Department of Science and Technology	Dr A Tiplady
Square Kilometre Array Project	
Departments of Water Affairs and Environmental Affairs	Dr E van Wyk (Department of Water) Mr M Smart (Department of Water) Ms A Okonkwo (Department of Water) Ms M Solomons (Department of Environment)

ANNEXURE "TR 2"
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Mthozami Xiphu is the Chief Executive Officer of Petroleum Agency SA, which is responsible for the promotion, licensing and regulation of petroleum exploration and production activities on- and offshore South Africa. He currently serves as a member of the Task Team and as the Chairperson of the Working Group of the Task team. He has BA (1983) and MA (1985) degrees from Howard University, Washington DC, USA, and a B Juris (1995) degree from the University of Port Elizabeth. From 1996 to 2001, he was the Head of Legal Services for the Western District Municipality in the Eastern Cape, and thereafter joined the then Department of Minerals and Energy as Director: Legal Services until his appointment by the Petroleum Agency as Chief Executive Officer in October 2005. Mr Xiphu is also the Chairperson of the Extended Continental Shelf Claim Project, a national project tasked with extending the continental shelf of the South Africa in terms of Article 76 of the United Nations Commission on the Law of the Sea (UNCLOS), 1982.

Stephen Mills: Graduated from Queen Mary College, University of London with B.Sc. (Honours) in Geology (1972). After 3 years with the Institute of Geological Sciences (now British Geological Survey), joined SOEKOR in 1975 since when he has accrued 36 years experience in the upstream oil and gas sector covering seismic interpretation, prospect generation, log analysis, wellsite operations and operations management, technical data management and databasing, license promotion and marketing, exploration lease negotiation and management, leading to the senior management post of Commercial Manager in Petroleum Agency SA which devolved from SOEKOR in 1999. This role included leading the Agency's contribution to the formulation of regulations under the Mineral and Petroleum Resources Development Act. He has served two terms as a director of the Association of International Petroleum Negotiators (AIPN), a not-for-profit organisation with global membership, based in Texas, whose objective is to foster understanding of international petroleum agreements among practitioners. Current job title is Technical Compliance Manager in the Regulation Division at Petroleum Agency SA

Luc Chevallier: Received his PhD in applied geology / volcanology from the University of Grenoble, France, in 1979. After 11 years passed at different research institutions working of volcanic and risk assessment he joined the Council for Geoscience in 1991. He started a long term research programme on the Karoo dolerites and their role in groundwater occurrence and dynamics. He is the author and co-author of several Water Research Commission published reports on the matter. The programme included structural geology, geophysical profiling, exploration drilling, hydrogeological assessment and interpretation, supervising MSc and PhD students. He has 30 years experience in geology with 18 years passed in the Karoo Basin. He is presently the regional manager for Western Cape, Northern Cape and Marine units at the Council for Geoscience.

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Dr. Eddie van Wyk:

Eddie started his groundwater career in 1972 in the Far West Rand doing geophysical investigations to locate unstable dolomitic ground for the Geological Survey of South Africa. After completing his National Diploma (Geology) in 1974, he was transferred to the Groundwater Division of the Geological Survey and relocated to Beaufort West in the Western Cape where he did groundwater mapping/development for 5 years. He was translated to the Directorate Geohydrology when the Geological Survey relocated to the Department of Water Affairs in 1977. After completion of the Karoo investigations he moved to the West Coast (Vanrhynsdorp and Lamberts Bay area) doing groundwater mapping, development and aquifer-evaluations. After completing a full-M.Sc. (Geohydrology) at the University of the Orange-Free State, Bloemfontein between 1981 and 1987, he was appointed as Chief Hydrologist in the Kuruman Office, Northern Cape Region. He implemented/managed the national hydrogeological mapping program of the northern Kalahari Region. Development of scarce groundwater resources in the dry Kalahari Desert environment was a significant challenge; varying from developing hydrogeological models of the T-Qk aquifer systems locating potable groundwater resources, recharge mechanisms, as well as constructing long-term water supply boreholes. He joined the Department's national office in Pretoria in 1996 as scientific manager and has since initiated a new approach to groundwater and rainwater monitoring in South Africa. Eddie holds a PhD Degree Geohydrology from the UFS titled "Estimation of episodic groundwater recharge in semi-arid fractured rock aquifers". His interest lies in rainwater-groundwater interaction and specialized hydrological monitoring systems

Michael Charles Smart:

- 1999 M.Sc. (Geology/Hydrogeology) - Rhodes University
- 1985 B.Sc. Hons. (Geology) - Rhodes University
- 1979 B.Sc. (Geology) - Rhodes University

Member of the South African Council for Natural Scientific Professions.

Member of the Geological Society of South Africa (Groundwater Division).

Department of Water Affairs (1991 – Present)

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(68)

Scientific Manager (2009) in the Western Cape Region's groundwater section. Currently hydrogeologist responsible for Breede and Gouritz Water Management Areas.

Geohydrological mapping, characterization of groundwater in terms of occurrence and hydrochemistry, resource quantification, assessing groundwater licence applications, devising groundwater protection measures, ecosystem protection in collaboration with multidisciplinary teams, monitoring network design, evaluation of monitoring data, reporting, making inputs to environmental legislation and guidelines, critical evaluation of hydrogeological reports produced by consultants for the Department and other State departments, development of groundwater conceptual models, assessment of groundwater surface water interaction, remote sensing, structural interpretation, borehole siting, drilling supervision, aquifer testing as well as well-field performance evaluation, formulation of terms of reference for specialist hydrogeological studies, bid adjudication and project management. Provision of support and advice to industry and stakeholders including assistance to the Water Research Commission by conducting research, reviewing proposals as well as serving on Steering Committees

Profile: Adrian J Tiplady

November 2011

Adrian was educated at Rhodes University between 1997 and 2004, where he completed a degree in Physics and Electronics, Computer Science and Musicology. He went on to complete an Honours Degree in Telecommunications (with distinction), followed by a PhD in Physics (specialising in radio astronomy). During his time at Rhodes, he received the following accolades: Alfred Beit Scholarship, AT Williams Scholarship, Roland Grimes Award for Outstanding Achievement, Basil Schonland Award, Top PhD Student in Astrophysics and Space Science at the South African Institute of Physics 2004 Conference, Rhodes Academic Honours and the Henderson Post-Graduate Scholarship.

Adrian has worked within the South African Square Kilometre Array Project Office since 2005 and is currently responsible for South Africa's bid to host the Square Kilometre Array, including the establishment of protected astronomy advantage areas through the provisions of the Astronomy Geographic Advantage (AGA) Act. He has significant experience in the protection of passive science services, including radio astronomy, and currently sits on the following panels: the South African Department of Communications World Radio Conference Preparatory Working Group as rapporteur; the European Science Foundation expert Committee on Radio Astronomy Frequencies (CRAF); the international Scientific Committee on the Allocation of Frequencies for Radio Astronomy and Space Science (IUCAF); and Working Party 7D at the International Telecommunications Union (ITU). He also sits on the ITU Drafting Group for a report on Radio Quiet Zones.



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Mrs. Adaora .U. Okonkwo

Adaora Okonkwo holds a Bsc. Hons. degree in Geological Sciences and a Master degree in Geology. She has over eight years experience in groundwater development, protection and management. Her experience started in Nigeria as Geologist with a consulting firm but the interest in groundwater started when she was involved in a World Bank assisted project that dealt with rural water supply for towns in the Eastern part of Nigeria. On her move to South Africa, she worked as a geologist/geohydrologist for an Environmental Consulting firm that carried out Environmental Impact Assessments. She also lectured first and second year geology students at Tshwane University of Technology before joining the Department of Water Affairs. She is currently a scientist in the groundwater resources assessment and monitoring sub-directorate where part of her duties include assessing and commenting on the geohydrological report for Water Use License applications.

Andre Andreas

Mr Andreas is currently the Director: Mineral Policy Development for the national Department of Mineral Resources, and has been serving in this position for three years. His responsibilities are to develop and review policies and amend legislation to achieve transformation and growth, and to attract new investment.

Mr Andreas is an admitted attorney with B Iuris and LLB degrees.

Phumla Ngesi

Graduated from the University of KwaZulu Natal (then University of Natal) with Bachelor of Social Sciences (Honours) in Environmental Management (2000) and busy with the LLM programme in Environmental Law. Has worked for various industries ranging from energy (Eskom), transport (Port of Durban) and mining (Exxaro) and in her 10 years' experience in the environmental management field has acquired experience in the environmental impact assessments, environmental management systems based on ISO standards, monitoring and compliance, environmental auditing, implementation of various environmental legislation including development of guidelines and standards, etc. Joined the Petroleum Agency SA in 2008 as the Environmental Coordinator and currently employed as the Environmental Compliance Manager. In her current position, she is responsible for the implementation of the MPRDA which amongst others include making recommendations for the approval/non-approval of the EMPRs, monitor upstream petroleum activities, enforce compliance with various environmental legislation, provide support to the industry including research on international best practice.

Phumla Ngesi

Annexure TR 3.

Dr. Thibedi Ramontja

Educational Details

1. PhD (Mineral Economics)
University of Witwatersrand, Johannesburg
2. MSc (Eng)
University of Witwatersrand, Johannesburg
3. BSc (Hons : Geology)
University of the North (Now University of Limpopo), Polokwane
4. BSc (Geology and Soil Science)
University of the North (Now University of Limpopo), Polokwane
5. Certificate in Geology
Madikoti College, Polokwane
6. Executive Development Program
Gordon Institute of Business Leadership School University of Pretoria

Thibedi Ramontja served as the CEO to the Council for Geoscience, prior to being the Director General of the Department of Mineral Resources. He also worked as a geologist for Gold Fields and Southern Sphere Mining and Development Company.



ANNEXURE TR 4

75IN THE HIGH COURT OF SOUTH AFRICA
(NORTHERN GAUTENG HIGH COURT, PRETORIA)

CASE NO 60768/11

In the Matter between:

TREASURE THE KAROO ACTION GROUP

APPLICANT

And

THE MINISTER OF MINERAL RESOURCES

1st Respondent

THE DIRECTOR-GENERAL: MINERALS RESOURCES

2nd Respondent

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1A 9

6

Abraham Nieman

From: Nhlanhla Jali
Sent: 16 January 2012 09:26 AM
To: Abraham Nieman
Subject: FW: 3 - WG Docs requested by DMR
Attachments: Discussions on the Interim Report from the Working Group on Hydraulic Fracturing; Re: FW: WG Members' Profiles; Working Group; RE: Interim report - Final?; RE: Interim report - Conclusions and recommendations; RE: ; Interim report - Conclusions and recommendations; RE: IMC on fracking update; Report to be sent to Mr Velaphi Msimang; Fw: IMC on fracking update; RE: Friday meeting; Friday meeting; RE: Final interim report; Re: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00; Final interim report; Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas; Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas; RE: Media query; RE: Media query; RE: Report on Fracking Activities; RE: Minutes; RE: Discussions on the Interim Report from the Working Group on Hydraulic Fracturing; Report of the Working Group of the Hydraulic Fracturing Task Team.; RE: WG Members' Profiles; RE: Point of information; RE: WG Members' Profiles; FW: outcome of meeeting with Minister; FW: outcome of meeeting with Minister; RE: Hydraulic Fracturing Task Team.; FW: Complaint about Fracking; RE: Annexures to the Report of the Working Group of the Hydraulic Fracturing Task Team; FW: Fracking Task Team; RE: WG Members' Profiles; RE: WG Members' Profiles; WG Members' Profiles; FW: [Image File] Makhosazane,KMBT250, #402; FW: extension of moratorium on hydraulic fracking; RE: IMC on fracking update; RE: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00; FW: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00; RE: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00; RE: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00; FW: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas; RE: Discussions on the Interim Report from the Working Group on Hydraulic Fracturing; RE: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00

From: Adonis, Althea [<mailto:adonisa@petroleumagencyrsa.com>]
Sent: 12 January 2012 01:21 PM
To: Nhlanhla Jali
Subject: 3 - WG Docs requested by DMR

Hi

Continued from previous email.

- i. All correspondence relating to the task team and the working group

Cont...

Regards
A

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
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+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagencyrsa.com

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1/1

Refer to Mr Andreas working with
CD: Communications
18/8.

Kholofelo Madisha

From: Nondumiso Zulu
Sent: Thursday, August 18, 2011 1:12 PM
To: Kholofelo Madisha
Cc: Joel Raphela
Subject: FW: COMPLAINT BY MARILYN LILLEY

Sensitivity: Confidential

For your info

From: Nditsheni Raedani [mailto:Nditshenir@pprotect.org]
Sent: Thursday, August 18, 2011 12:23 PM
To: Glenda Molo
Subject: RE: COMPLAINT BY MARILYN LILLEY
Sensitivity: Confidential

Dear Ms G Molo

The Public Protector received a complaint from the abovementioned complainant. He alleged that the Department of Mineral Resources failed to (a) communicate critical information to the South African Public and (b) acknowledge or answer correspondence.

The complainant read an article (open letter to the Minister) on Die Burger, 05 June 2011 from an Non Governmental Organisation, Treasure the Karoo Action Group (TKA) "Ope Brief aan Minister Susan Shabangu: Gee ons die waarheid oor karoo & Fracking". He further mentioned that on 20 April the Cabinet has instructed the Minister of Mineral Resources to appoint a Task Team to investigate fracking.

He requested this office to establish (a) whether the Minister has responded to the letter from TKA (b) if the not, the Minister must furnish reasons thereof. He also requested that Minister must release the full details of the Task Team (their names, qualifications and their credentials).

It will be appreciated if the Honourable Minister's office can address the concern raised by the complainant.

Your co-operation will be highly appreciated.

Regards,
NDITSHENI RAEDANI

Investigator
Tel : 012 366 7102
Fax : 0866269268
Cell: 076 922 5411
Toll Free: 0800 11 20 40
Email: Nditshenir@pprotect.org

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www.publicprotector.org



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LA

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencyrsa.com]
Sent: 12 January 2012 10:51 AM
To: Velaphi.Msimang@dst.gov.za
Subject: Discussions on the Interim Report from the Working Group on Hydraulic Fracturing

Dear Mr. Msimang

Could you please indicate your availability for the below meeting. This invitation has also been extended to Dr Adrian Tiplady from SKA.

SUBJECT: Discussions on the Interim Report from the Working Group on Hydraulic Fracturing

PURPOSE: To discuss the reviews carried out by Dr Danie Vermeulen (University of Free State, Institute for Groundwater Studies [IGS]) and Prof. Yongxin Xu (Department of Earth Sciences, University of the Western Cape)

DATE: Tuesday, 17 January 2011

TIME: 09:00 – 14:00

VENUE: Office of the Director-General, Department of Mineral Resources
Trevenna Campus
Building 2 C
Cnr of Meintje and Schoeman Streets
SUNNYSIDE, Pretoria

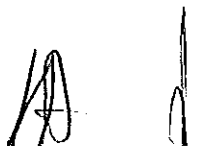
Warm regards
jhea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
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adonisa@petroleumagencyrsa.com

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JA

Abraham Nieman

From: Mills, Steve [millss@petroleumagencysa.com]
Sent: 19 August 2011 09:30 AM
To: Smart Mike (BVL); lchevallier@geoscience.org.za; Adrian Tiplady; Van Wyk Eddy
Cc: Xiphu, Mthozami
Subject: RE: Interim report - Final?

Unfortunately not.

I have spoken to our IT folks and although they confirm that there is a filter to block messages with large attachments, the subject document should easily pass.

In the meantime, you could try deleting the images – that will dramatically reduce the file size & may facilitate its delivery.

Steve

From: Smart Mike (BVL) [mailto:SmartM@dwa.gov.za]
Sent: 19 August 2011 07:53 AM
To: Mills, Steve
Subject: RE: Interim report - Final?

Sent my "tracked change" edits twice. Did you get either?

Mike

From: Mills, Steve [mailto:millss@petroleumagencysa.com]
Sent: 18 August 2011 05:43 PM
To: Xiphu, Mthozami; Ngesi, Phumla; Motloug, Tebogo; Marot, Jennifer; lchevallier@geoscience.org.za; Smart Mike (BVL); Van Wyk Eddy; Adrian Tiplady
Cc: Mekwe, Lindiwe; Adonis, Althea
Subject: RE: Interim report - Final?

I have received very little in the way of feedback – proposed edits.

I am aware that I am having some difficulty with Outlook and will ascribe it to that and not assume perfection in the text.

you have attempted to send proposed edits, please try again.

Steve

Althea, please forward to Dr Msimang at DST

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AA

(9)

Abraham Nieman

From: Mills, Steve [millss@petroleumagencyssa.com]
Sent: 18 August 2011 03:38 PM
To: Xiphu, Mthozami; Ngesi, Phumla; Motloung, Tebogo; Marot, Jennifer; Ichevallier@geoscience.org.za; Smart Mike (BVL); Van Wyk Eddy; Adrian Tiplady
Cc: Mekwe, Lindiwe; Adonis, Althea
Subject: Interim report - Conclusions and recommendations
Attachments: CONCLUSIONS etc.doc

Attached

I have found it necessary to insert some additional material elsewhere in the report – I'll identify that clearly & distribute another version also incorporating your proposed edits at close today.

Steve

Althea, please forward to Dr Msimang at DST

LA

70

Abraham Nieman

From: Andre Andreas
Sent: 18 August 2011 01:35 PM
To: Adonis, Althea
Subject: RE: IMC on fracking update

Thanks Ma'am,

From: Adonis, Althea [<mailto:adonisa@petroleumagencyssa.com>]
Sent: Thursday, August 18, 2011 9:51 AM
To: Andre Andreas
Cc: Joel Raphela; Tseko Nell; Xiphu, Mthozami
Subject: RE: IMC on fracking update

Hi Andre

No, Dr Msimang is not a member of the WG. Dr Tiplady as far as we know is representing the DST and reports back on this to Dr Tshepo Seekoe Chief Director: Radio Astronomy Advances.

Attach for your info the notice received from Sibusiso Kweyama advising that Dr. Tiplady will be the DST representative.

Warm regards
Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagencyssa.com

From: Andre Andreas [<mailto:Andre.Andreas@dmr.gov.za>]
Sent: Thursday, August 18, 2011 7:46 AM
To: Adonis, Althea; Xiphu, Mthozami
Cc: Joel Raphela; Tseko Nell
Subject: FW: IMC on fracking update
Importance: High

Dear Ms Adonis,

I hope this email finds you in good spirits.

I refer to the enclosed email from Mr Velaphi Msimang Chief Director(Department of Science Technology), and must admit that I'm a bit surprised, as I was under the impression that Dr Adrian Tiplady(SKA) was representing the DST, and would provide his principals with an update after every meeting.

Kindly confirm whether Dr Msimang is also a member of the working group, in addition to Dr Tiplady.

Hope to hear from you soon.

JA

Best as always, Andre Andreas

From: Joel Raphela
Sent: Wednesday, August 17, 2011 11:55 PM
To: Andre Andreas
Subject: FW: IMC on fracking update
Importance: High

Please help my brother

From: Tshidi Kokwane [mailto:Tshidi.Kokwane@dst.gov.za]
Sent: Wednesday, August 17, 2011 10:43 AM
To: Joel Raphela
Cc: Kholofelo Madisha
Subject: IMC on fracking update
Importance: High

Dear Joel,

Correction, Dr Msimang's mobile no. is **078 800 5419** not **078 880 5419** and the office number: **012 843 6556**.

Ind Regards,

*Tshidi Kokwane
Snr Secretary: Hydrogen & Energy
Chief Director's Office
012 843 6521*

"I died with him, I was buried with him, I rose with him and I am seated together with him in heavenly places - I AM BORN AGAIN - Romans 6:4, Colossians 2:12"

From: Velaphi Msimang
Sent: 17 August 2011 10:32 AM
To: joel.raphela@dmr.gov.za
Cc: kholofelo.madisha@dmr.gov.za; Valanathan Munsami; Tshidi Kokwane
Subject: IMC on fracking update

Dear Mr Raphela,

Irsuant to my sms on our (lack of) involvement in the 'fracking' investigation work you are leading, I am writing a follow-up to urgently request your assistance with bringing us up to speed on the Terms of Reference that have informed the work being done, and an update on the process.

Our Director General called me into his office this morning and was surprised and anxious to hear I – as the official naturally earmarked for responsibility on matters involving energy – have not been involved in, nor am aware of (beyond what I read in newspapers) any of the work being done to pursue the Cabinet's mandate on fracking.

I am expected to feed back to our DG by end of business today, and have copied my Deputy-Director General (Dr Munsami) for his information.

Your prompt assistance on this matter would be much appreciated.

Kind Regards,
Velaphi Msimang
078 880 5419

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IA d

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 18 August 2011 11:04 AM
To: Mills, Steve
Subject: Fw: IMC on fracking update

Importance: High

Hi Steve

Could you pls forward me a copy of the interim report as CEO wants it sent to Mr Velaphi Msimang Chief Director(Department of Science Technology), for his comments.

Thanks
A

Sent from my BlackBerry® wireless device

From: Andre Andreas <Andre.Andreas@dmr.gov.za>
Date: Thu, 18 Aug 2011 07:46:14 +0200
To: Adonis, Althea<adonisa@petroleumagencysa.com>;
xiphum@petroleumagencysa.com<xiphum@petroleumagencysa.com>
Cc: Joel Raphela<Joel.Raphela@dmr.gov.za>; Tseko Nell<Tseko.Nell@dmr.gov.za>
Subject: FW: IMC on fracking update

Dear Ms Adonis,

I hope this email finds you in good spirits.

I refer to the enclosed email from Mr Velaphi Msimang Chief Director(Department of Science Technology), and must admit that I'm a bit surprised, as I was under the impression that Dr Adrian Tiplady(SKA) was representing the DST, and would provide his principals with an update after every meeting.

Kindly confirm whether Dr Msimang is also a member of the working group, in addition to Dr Tiplady.

Hope to hear from you soon.

Best as always, Andre Andreas

From: Joel Raphela
Sent: Wednesday, August 17, 2011 11:55 PM
To: Andre Andreas
Subject: FW: IMC on fracking update
Importance: High

Please help my brother

From: Tshidi Kokwane [mailto:Tshidi.Kokwane@dst.gov.za]
Sent: Wednesday, August 17, 2011 10:43 AM
To: Joel Raphela
Cc: Kholofelo Madisha



14

Subject: IMC on fracking update
Importance: High

Dear Joel,

Correction, Dr Msimang's mobile no. is **078 800 5419** not **078 880 5419** and the office number: **012 843 6556**.

Kind Regards,

Tshidi Kokwane
Snr Secretary: Hydrogen & Energy
Chief Director's Office
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"I died with him, I was buried with him, I rose with him and I am seated together with him in heavenly places - I AM BORN AGAIN - Romans 6:4, Colossians 2:12"

From: Velaphi Msimang
Sent: 17 August 2011 10:32 AM
To: joel.raphela@dmr.gov.za
Cc: kholofelo.madisha@dmr.gov.za; Valanathan Munsami; Tshidi Kokwane
Subject: IMC on fracking update

Dear Mr Raphela,

Pursuant to my sms on our (lack of) involvement in the 'fracking' investigation work you are leading, I am writing a follow-up to urgently request your assistance with bringing us up to speed on the Terms of Reference that have informed the work being done, and an update on the process.

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I am expected to feed back to our DG by end of business today, and have copied my Deputy-Director General (Dr Munsami) for his information.

Your prompt assistance on this matter would be much appreciated.

Kind Regards,
Velaphi Msimang
078 880 5419

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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 17 August 2011 12:27 PM
To: lchevallier@geoscience.org.za
Subject: RE: Friday meeting

Hi Dr Chevallier

I do not foresee it as a problem. I will just advise Mr. Xiphu of it.

Warm regards
Althea

-----Original Message-----

From: Dr Luc Chevallier [mailto:lchevallier@geoscience.org.za]
Sent: Wednesday, August 17, 2011 12:12 PM
To: Adonis, Althea
Subject: Friday meeting

Althea

Three of my colleagues (working on Hydraulic fracturing with me) would like to attend the meeting and listen to Dr Vermeulen:

Dr Jurie Viljoen (Karoo geologist and representing me) Kate Robey (hydrogeologist) Valerie Nxumalo (Karoo geologist)

Could you ask Mr Xiphu if it would be possible ?.

I will try to join the meeting as soon as I can. I am still uncertain about my availability at 12h00 (probably 14h00).

Regards

Luc Chevallier

Council for Geoscience
Western Cape and Northern Cape Regional Manager

3 Oos streets
P.O. Box 572
Bellville 7535, SA

Tel: 021 943 6704
Fax 021 946 4190
Cel: 083 548 9838

-----Original Message-----

From: Adonis, Althea [mailto:adonisa@petroleumagencysa.com]
Sent: 17 August 2011 10:47 AM
To: Mills, Steve; Xiphu, Mthozami; Marot, Jennifer; Mekwe, Lindiwe; Ngesi, Phumla; Motloun, Tebogo
Cc: Luc Chevallier; Adrian Tiplady; smartm@dwa.gov.za
Subject: RE: Final interim report

(16)

Hi all

Maybe this may be of assistance to refresh some memories. Apologies for the lateness hereof.

Regards

A

-----Original Message-----

From: Mills, Steve

Sent: Tuesday, August 16, 2011 3:17 PM

To: Xiphu, Mthozami; Marot, Jennifer; Mekwe, Lindiwe; Ngesi, Phumla; Motlounge, Tebogo

Cc: lchevallier@geoscience.org.za; Adrian Tiplady; smartm@dwa.gov.za

Subject: Final interim report

As discussed, with CEO, I have undertaken to make the adjustments agreed last Friday before close of business tomorrow.

Those adjustments include various items that individuals undertook to prepare - you know to you are - as well as short biographies for team members.

Please let me have your contributions by noon tomorrow to enable orderly integration into the 'final' document.

Steve

-----Original Message-----

From: Xiphu, Mthozami

Sent: 16 August 2011 02:56 PM

To: Marot, Jennifer; Mekwe, Lindiwe; Mills, Steve; Ngesi, Phumla; Motlounge, Tebogo

Subject: FW: Goodday.

FYI.

I have not been able to speak with Joel yet, to clarify how the Working Group will be able to skip the Task Team and report directly to the Minister.

Mthozami R. Xiphu

Chief Executive Officer

Petroleum Agency SA

7 Mispel Street

BELLVILLE

7455

Tel: +27 21 938 3512

Fax: +27 865168235

Mobile: +27 82 4536745.

-----Original Message-----

From: Xiphu, Mthozami

Sent: Tuesday, 16 August 2011 14:00 PM

To: Xiphu, Mthozami

Subject: Fw: Goodday.

----- SMS -----

From: +27824977241

Sent: Aug 15, 2011 19:50

Subject: Goodday.

(17)

Goodday. I spoke to minister about the hydraulic fracking task team work. She asked that a progress report be prepared for her. Please prepare this before end of thursday, this week. Also she would like the moratorium to be extended for another 6 months to allow for detailed policy work and technical work in this regard.

Mthozami

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(18)

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Regards

Dr Luc Chevallier

Council for Geoscience
Western Cape and Northern Cape Regional Manager

3 Oos streets
P.O. Box 572
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Tel: 021 943 6704
Fax 021 946 4190
Cel: 083 548 9838

-----Original Message-----

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Regards
A

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To: Xiphu, Mthozami; Marot, Jennifer; Mekwe, Lindiwe; Ngesi, Phumla; Motlounge, Tebogo
Cc: lchevallier@geoscience.org.za; Adrian Tiplady; smartm@dwa.gov.za

Handwritten marks at the bottom right of the page.

Subject: Final interim report

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Mthozami R. Xiphu
Chief Executive Officer
Petroleum Agency SA
7 Mispel Street
BELLVILLE
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Tel: +27 21 938 3512
Fax: +27 865168235
Mobile: +27 82 4536745.

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Mthozami

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(2)

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 18 August 2011 11:04 AM
To: Mills, Steve
Subject: Fw: IMC on fracking update

Importance: High

Hi Steve

Could you pls forward me a copy of the interim report as CEO wants it sent to Mr Velaphi Msimang Chief Director(Department of Science Technology), for his comments.

Thanks
A

Sent from my BlackBerry® wireless device

From: Andre Andreas <Andre.Andreas@dmr.gov.za>
Date: Thu, 18 Aug 2011 07:46:14 +0200
To: Adonis, Althea<adonisa@petroleumagencysa.com>;
xiphum@petroleumagencysa.com<xiphum@petroleumagencysa.com>
Cc: Joel Raphela<Joel.Raphela@dmr.gov.za>; Tseko Nell<Tseko.Nell@dmr.gov.za>
Subject: FW: IMC on fracking update

Dear Ms Adonis,

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Kindly confirm whether Dr Msimang is also a member of the working group, in addition to Dr Tiplady.

Hope to hear from you soon.

Best as always, Andre Andreas

From: Joel Raphela
Sent: Wednesday, August 17, 2011 11:55 PM
To: Andre Andreas
Subject: FW: IMC on fracking update
Importance: High

Please help my brother

From: Tshidi Kokwane [mailto:Tshidi.Kokwane@dst.gov.za]
Sent: Wednesday, August 17, 2011 10:43 AM
To: Joel Raphela
Cc: Kholofelo Madisha

22

Subject: IMC on fracking update
Importance: High

Dear Joel,

Correction, Dr Msimang's mobile no. is **078 800 5419** not **078 880 5419** and the office number: **012 843 6556**.

Kind Regards,

Tshidi Kokwane
Snr Secretary: Hydrogen & Energy
Chief Director's Office
012 843 6521

"I died with him, I was buried with him, I rose with him and I am seated together with him in heavenly places- I AM BORN AGAIN- Romans 6:4, Colossians 2:12"

From: Velaphi Msimang
Sent: 17 August 2011 10:32 AM
To: joel.raphela@dmr.gov.za
Cc: kholofelo.madisha@dmr.gov.za; Valanathan Munsami; Tshidi Kokwane
Subject: IMC on fracking update

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Our Director General called me into his office this morning and was surprised and anxious to hear I – as the official naturally earmarked for responsibility on matters involving energy – have not been involved in, nor am aware of (beyond what I read in newspapers) any of the work being done to pursue the Cabinet's mandate on fracking.

I am expected to feed back to our DG by end of business today, and have copied my Deputy-Director General (Dr Munsami) for his information.

Your prompt assistance on this matter would be much appreciated.

Kind Regards,
Velaphi Msimang
078 880 5419

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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencyrsa.com]
Sent: 16 August 2011 04:56 PM
To: Adrian Tiplady
Subject: Re: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00

Thanks Adrian

Will tender your apologies.

Regards
Althea

Sent from my BlackBerry® wireless device

From: Adrian Tiplady <atiplady@ska.ac.za>
Date: Tue, 16 Aug 2011 16:37:31 +0200
To: Adonis, Althea<adonisa@petroleumagencyrsa.com>
cc: Andre Andreas (Andre.Andreas@dmr.gov.za)<Andre.Andreas@dmr.gov.za>; 'joel.raphela@dmr.gov.za'
(joel.raphela@dmr.gov.za)<joel.raphela@dmr.gov.za>;
lchevallier@geoscience.org.za<lchevallier@geoscience.org.za>;
DMthembu@environment.gov.za<DMthembu@environment.gov.za>; Smart Mike (BVL)
(SmartM@dwa.gov.za)<SmartM@dwa.gov.za>
Subject: Re: Presentation by Dr Vermeulen on Friday, 19 Aug 2011 @ 12:00

Hi,

I will not be available.
Regards,

On 2011/08/16 08:58 AM, Adonis, Althea wrote:

Dear Colleagues,

Could you kindly advise your availability for the below meeting on Friday, 19 August 2011 at 12:00 at the Petroleum Agency SA offices.

Your response by close of business on Tuesday, 17 August 2011 would be much appreciated.

Warm regards
Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
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+27 83 788 2550 (Mobile)
adonisa@petroleumagencyrsa.com

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From: Van Wyk Eddy [mailto:VanWykE2@dwa.gov.za]
Sent: Friday, August 12, 2011 8:24 AM
To: Adonis, Althea
Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi Althea,
Will it also be possible to have Mr. Steve Mills and Dr. Luc Chevallier available for the meeting.
The core of the meeting will be to obtain information and recommendations from the IGS Group (Dr. Vermeulen) and the PASA Group who went to the USA recently. DWA would like to arrange a similar visit, but focusing on the environmental requirements for hydrofracking in RSA.

Regards,
E van Wyk
2011-08-12

From: Adonis, Althea [mailto:adonisa@petroleumagencysa.com]
Sent: 12 August 2011 08:09
To: Van Wyk Eddy
Cc: Smart Mike (BVL)
Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi Dr Van Wyk

Would a meeting at 12:00 at our offices suit as Mr. Xiphu will be travelling and only arrive later the morning of 19 August.

Warm regards
Althea

From: Van Wyk Eddy [mailto:VanWykE2@dwa.gov.za]
Sent: Thursday, August 11, 2011 8:48 AM
To: Adonis, Althea
Cc: Smart Mike (BVL)
Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi Morning Althea,
Good, thanks. I really would like us to have a discussion/meeting between DWA-PASA-Univ. Free State next week Friday (19th of August'11) if possible. Dr. Vermeulen is available that day.
Have you asked Mr. Smart to attend tomorrows meeting then?
Please tell me if DWA will be able to receive copies of the PASA-CGS visit to hydrofracking in the USA. It will help us to plan for outstanding issues.

E van Wyk.
2011-08-11

Hi Mike,
Please see if you have been invited to attend this task group meeting.

Regards,
Eddie.

From: Adonis, Althea [mailto:adonisa@petroleumagencysa.com]
Sent: 11 August 2011 08:40
To: Van Wyk Eddy
Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Dear Dr Van Wyk

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It has been decided to go ahead with the meeting but Mr. Xiphu will contact you to discuss Dr Vermeulen presenting to the Group at a later stage.

He is in a meeting at present but will call once he is done.

Warm regards
Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagencyrsa.com

From: Adonis, Althea
Sent: Monday, August 08, 2011 10:03 AM
To: Van Wyk Eddy
Subject: Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi Dr van Wyk

I will confer with Mr Xiphu and advise.

Warm regards
Althea

Sent from my BlackBerry® wireless device

From: Van Wyk Eddy <VanWykE2@dwa.gov.za>
Date: Mon, 8 Aug 2011 08:45:35 +0200
To: Adonis, Althea <adonisa@petroleumagencyrsa.com>
Cc: Maswuma Zacharia <MaswumaZ@dwa.gov.za>; Smart Mike (BVL) <SmartM@dwa.gov.za>; VermeulenD.sci@ufs.ac.za; Muller Helgard <MullerH@dwa.gov.za>; Nepfumbada Mbangiseni <NepfumbadaM@dwa.gov.za>
Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi Althea,
My apology. I really would like you to consider postponing this meeting by say a week (19th Aug'11) if possible. The reason is that Dr. Vermeulen from the Institute of Groundwater Studies recently visited the shale drilling and fracking operations in Pennsylvania and I would like him to give his opinion on the RSA case to the Working Group of the Task Team. I had a long discussion with him on Friday last week, as well as his colleague, Prof. Gideon Style, who accompanied him on the Pennsylvania mission. I would like to state this firmly; there are serious issues for the Department of Water Affairs as to hydrofracking in the Karoo environment –especially with reference to DWA's New Water Act, Section 21(f). We should now start with in-depth negotiations on the way forward. Friday, this week will unfortunately not be feasible for us (DWA), as well as for Dr. Vermeulen.

Kind regards,

Dr. E van Wyk
HYDROLOGICAL SERVICES, the dwa.
2011-08-08

From: Adonis, Althea [<mailto:adonisa@petroleumagencysa.com>]
Sent: 05 August 2011 16:03
To: Smart Mike (BVL); 'joel.raphela@dmr.gov.za' (joel.raphela@dmr.gov.za); atiplady@ska.ac.za; Van Wyk Eddy; lchevallier@geoscience.org.za; mmadikeledi.malebe@dmr.gov.za; Mills, Steve; Motloung, Tebogo; Marot, Jennifer; Ngesi, Phumla; Ntokozo.Ngcwabe@dmr.gov.za
Cc: Xiphu, Mthozami
Subject: 2nd Meeting of the Working Group of the Task Team on the Investigation on Shale Gas

Dear colleagues

Could you kindly advise your availability for the next meeting of the Working Group as per details below. Further documentation will be circulated on Wednesday, 10 August 2011.

Date: Friday, 12 August 2011
 Time: 11:00 – 15:00
 Venue: Petroleum Agency SA

It would be appreciated if we could receive your responses by close of business Monday, 08 August 2011.

Warm regards

Althea Adonis
 For
 Mthozami Xiphu

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
 PETROLEUM AGENCY SA
 +27 21 938-3500 (Reception)
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adonisa@petroleumagencysa.com

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Dr. Adrian Tiplady
SKA South Africa
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+27 11 442 2434
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www.ska.ac.za

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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencyssa.com]
Sent: 17 August 2011 10:47 AM
To: Mills, Steve; Xiphu, Mthozami; Marot, Jennifer; Mekwe, Lindiwe; Ngesi, Phumla; Motloun, Tebogo
Cc: lchevallier@geoscience.org.za; Adrian Tiplady; smartm@dwa.gov.za
Subject: RE: Final interim report
Attachments: Action list arising from WG meeting held 12.08.2011.docx

Hi all

Maybe this may be of assistance to refresh some memories. Apologies for the lateness hereof.

Regards
A

-----Original Message-----

From: Mills, Steve
Sent: Tuesday, August 16, 2011 3:17 PM
To: Xiphu, Mthozami; Marot, Jennifer; Mekwe, Lindiwe; Ngesi, Phumla; Motloun, Tebogo
Cc: lchevallier@geoscience.org.za; Adrian Tiplady; smartm@dwa.gov.za
Subject: Final interim report

As discussed, with CEO, I have undertaken to make the adjustments agreed last Friday before close of business tomorrow.

Those adjustments include various items that individuals undertook to prepare - you know who you are - as well as short biographies for team members.

Please let me have your contributions by noon tomorrow to enable orderly integration into the 'final' document.

Steve

-----Original Message-----

From: Xiphu, Mthozami
Sent: 16 August 2011 02:56 PM
To: Marot, Jennifer; Mekwe, Lindiwe; Mills, Steve; Ngesi, Phumla; Motloun, Tebogo
Subject: FW: Goodday.

FYI.

I have not been able to speak with Joel yet, to clarify how the Working Group will be able to skip the Task Team and report directly to the Minister.

Mthozami R. Xiphu
Chief Executive Officer
Petroleum Agency SA
7 Mispel Street
BELLVILLE
7455
Tel: +27 21 938 3512
Fax: +27 865168235
Mobile: +27 82 4536745.

-----Original Message-----

(x)

From: Xiphu, Mthozami
Sent: Tuesday, 16 August 2011 14:00 PM
To: Xiphu, Mthozami
Subject: Fw: Goodday.

----- SMS -----
From: +27824977241
Sent: Aug 15, 2011 19:50
Subject: Goodday.

Goodday. I spoke to minister about the hydraulic fracking task team work. She asked that a progress report be prepared for her. Please prepare this before end of thursday, this week. Also she would like the moratorium to be extended for another 6 months to allow for detailed policy work and technical work in this regard.
Mthozami

(3)

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencyrsa.com]
Sent: 08 August 2011 08:06 AM
To: Adrian Tiplady
Subject: Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Much thanks for the prompt response.

Warm regards
Althea

Sent from my BlackBerry® wireless device

From: Adrian Tiplady <atiplady@ska.ac.za>
Date: Mon, 8 Aug 2011 07:56:00 +0200
To: Adonis, Althea<adonisa@petroleumagencyrsa.com>; Xiphu, Mthozami<xiphum@petroleumagencyrsa.com>
Subject: Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi,

I will be available for the meeting on Friday, 12th August.

Regards,

Adrian Tiplady

On 2011/08/05 04:02 PM, Adonis, Althea wrote:
Dear colleagues

Could you kindly advise your availability for the next meeting of the Working Group as per details below. Further documentation will be circulated on Wednesday, 10 August 2011.

Date: Friday, 12 August 2011
Time: 11:00 – 15:00
Location: Petroleum Agency SA

It would be appreciated if we could receive your responses by close of business Monday, 08 August 2011.

Warm regards

Althea Adonis
For
Mthozami Xiphu

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
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(53)

Abraham Nieman

From: Adrian Tiplady [atiplady@ska.ac.za]
Sent: 08 August 2011 07:56 AM
To: Adonis, Althea; Xiphu, Mthozami
Subject: Re: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Hi,

I will be available for the meeting on Friday, 12th August.

Regards,

Adrian Tiplady

On 2011/08/05 04:02 PM, Adonis, Althea wrote:

Dear colleagues

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Date: Friday, 12 August 2011
Time: 11:00 – 15:00
Venue: Petroleum Agency SA

It would be appreciated if we could receive your responses by close of business Monday, 08 August 2011.

Warm regards

Althea Adonis
For
Mthozami Xiphu

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 28 July 2011 09:23 AM
To: Adrian Tiplady
Subject: RE: Media query

Hi Adrian

He is back in the country on Monday and will contact you then if possible that this can wait until then.

Warm regards
Althea

-----Original Message-----

From: Adrian Tiplady [mailto:atiplady@ska.ac.za]
Sent: Wednesday, July 27, 2011 11:40 AM
To: Xiphu, Mthozami
Cc: Adonis, Althea
Subject: Media query

Hi Mr. Xiphu,

I have had a request from a journalist in Australia. He is busy writing an article on the potential impact of fracking on radio astronomy, and in particular the SKA, in both Australia and South Africa. I have provided him some information on the AGA Act etc., but I do not want to compromise the work of the task team. Are you able to provide me with a guideline on how to treat media queries?

Regards,

Adrian

--
Dr. Adrian Tiplady
SKA South Africa
Johannesburg
+27 11 442 2434
+27 72 372 0134
www.ska.ac.za

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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 27 July 2011 01:58 PM
To: xiphumr@worldonline.co.za
Subject: RE: Media query

Hi

He has sent a contribution yesterday. Am forwarding it to you shortly.

Regards
A

-----Original Message-----

From: xiphumr@worldonline.co.za [mailto:xiphumr@worldonline.co.za]
Sent: Wednesday, July 27, 2011 1:05 PM
To: Adonis, Althea
Subject: Re: Media query
)

Althea

Pls advise him that I'm out of the country and will contact him on Monday. In the meantime pls check the minutes for what he committed to send us and request it.

Thanks.
Mthozami.

-----Original Message-----

From: Althea
To: MTHOZAMI Xiphu
Subject: FW: Media query
Sent: Jul 27, 2011 05:41

FYI

-----Original Message-----

From: Adrian Tiplady [mailto:atiplady@ska.ac.za]
Sent: Wednesday, July 27, 2011 11:40 AM
To: Xiphu, Mthozami
Cc: Adonis, Althea
Subject: Media query

Hi Mr. Xiphu,

I have had a request from a journalist in Australia. He is busy writing an article on the potential impact of fracking on radio astronomy, and in particular the SKA, in both Australia and South Africa. I have provided him some information on the AGA Act etc., but I do not want to compromise the work of the task team. Are you able to provide me with a guideline on how to treat media queries?

Regards,

Adrian

--
Dr. Adrian Tiplady
SKA South Africa
Johannesburg

Handwritten marks at the bottom right of the page, including a vertical line and some scribbles.

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+27 72 372 0134
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1 11



Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagency.co.za]
Sent: 27 July 2011 09:07 AM
To: Adrian Tiplady
Subject: RE: Report on Fracking Activities

Hi Adrian

Messrs. Xiphu, Mills and Chevallier have undertaken a tour to the US this week to meet with various institutions as proposed at the last meeting. They are set to return over the weekend and we will likely be communicating the Working Group after this as I'm sure they will be incorporating info collected into the report.

In the absence of both Steve and Mr. Xiphu, I copy this to Jenny Marot in the hope that she may possibly be able to assist with the info requested..

Warm regards
Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagency.co.za

-----Original Message-----

From: Adrian Tiplady [mailto:atiplady@ska.ac.za]
Sent: Monday, July 25, 2011 4:07 PM
To: Xiphu, Mthozami; Adonis, Althea
Subject: Report on Fracking Activities

Dear Mr. Xiphu,

I have not received any correspondence regarding further task team meetings. However, I understand that the task team report is still due on the 30th of this month. I have attached a draft of the report I have compiled, looking at the potential impact of hydraulic fracturing on the SKA. I will submit the final report before the end of the week, however the recommendations and conclusions will not differ dramatically from the attached version. I still need to strengthen the relevant section on Impact on the SKA with more appropriate maps and figures.

Regards,

Adrian

--
Dr. Adrian Tiplady
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www.ska.ac.za

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(40)

Abraham Nieman

From: Andre Andreas
Sent: 13 September 2011 08:47 AM
To: Adonis, Althea
Subject: FW: Fracking Task Team

Dear Ms Adonis,

Could you kindly assist.

From: Millicent Solomons [<mailto:MSolomons@environment.gov.za>]
Sent: Thursday, September 08, 2011 3:03 PM
To: Andre Andreas
Cc: Dumisane Mthembu; Ishaam Abader
Subject: Fracking Task Team

Hi Andre

With reference to our brief telephonic discussion earlier today, please take note that our DDG has not received notification of any Task Team meetings held on the abovementioned subject matter.

As you indicated, I also think that only one such meeting was held to date. I kindly request copies of the minutes of the aforementioned meeting; if you can please assist.

It will also be greatly appreciated if you can inform us of any upcoming Task Team meetings in order to ensure that this Department is represented.

Your assistance is greatly appreciated!

Kind regards

Millicent Solomons
Deputy Director: Environmental Impact Evaluation: Parastatals
Department of Environmental Affairs
Private Bag X447
Pretoria
0001

Handwritten initials and marks at the bottom right of the page.

South Africa

(41

Telephone: + 27 12 395 1852
Fax: + 27 12 320 7539

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(12)

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 24 June 2011 09:12 AM
To: atiplady@ska.ac.za
Cc: Xiphu, Mthozami
Subject: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.
Attachments: A. ToR HF Task Team 15.06.2011.docx; B. Briefing Doc HF 2011 05 26.doc; C. Street Map to Petroleum Agency SA.pdf

Dear Dr. Tiplady

We have received your contact details from Ms Lipuo Mothae who advised that you will be representing DST on the Task Team Working Group for the Investigation into Hydraulic Fracturing.

Please see communication below and attached which was circulated by Mr. Mthozami Xiphu yesterday on this and kindly advise on your avallability for the proposed meeting at our offices on Wednesday, 29 June 2011 at 11:00.

Please do not hesitate to contact either Mr. Xiphu or myself should you require any further information.

Best regards

Althea Adonis
For
Mthozami Xiphu

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
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+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagencysa.com

From: Xiphu, Mthozami
Sent: Thursday, June 23, 2011 7:34 PM
To: joel.raphela@dmr.gov.za; andre.andreas@dmr.gov.za; okwonkwoa@dwa.gov.za; nhadebe@thedti.gov.za; Lipuo Mothae (Lipuo.Mothae@dst.gov.za); Mills, Steve; Marot, Jennifer; Motloung, Tebogo; Ngesi, Phumla; Iramagwede@geoscience.org.za
Cc: Adonis, Althea
Subject: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Dear Colleagues

I refer to our meeting of 27 May 2011 on the above matter, which agreed that inputs to the draft Terms of Reference and nominations from the various departments and state owned institutions be forwarded to the Office of the DG of Mineral Resources, Adv Sandile Nogxina or to the Petroleum Agency. We have to-date not received any proposed amendments to the Draft Terms of Reference. We thank you however for the nominations that we received from your departments.

The only comment received on the Terms of Reference was a proposal for the deletion of paragraph 2.2, which provided that "The Task Team shall at all times strive to reach its decisions by consensus amongst all members.

IA

However, all decisions agreed to by the majority of members attending a meeting shall be binding; Provided that the Chairperson shall have a casting vote." The DMR was of the view that it is not necessary to strive for consensus while decisions of the Task Team are in any event recommendations to the Minister. For your ease of reference, I have attached the full document together with the briefing notes that were distributed before the meeting of 27 May 2011.

It is also the purpose of this email to propose the first meeting of the Working Group, to be held at the Petroleum Agency offices in Bellville, Cape Town, on Wednesday, 29 May 2011. Kindly indicate your availability on this date in order for us to determine whether or not to propose another. The meeting will discuss the issues raised in the briefing document, as well as any other considered essential by the Working Group, with the purpose of mapping out a strategy for the envisaged study and possible study tour, which will be appropriate for the proposed timeframes.

The proposed details of the meeting are as follows:	Date:	29 June 2011
	Time:	11h00
	Venue:	Petroleum Agency SA
	Address:	7 Mispel Street, Bellville, Cape Town.

A map of the location of the Agency is attached. You may also contact the CEO's PA, Ms Althea Adonis for any assistance at: adonisa@petroleumagency.co.za and at (021) 938 3510.

Best regards.

Mthozami R. Xiphu
 Chief Executive Officer
 Petroleum Agency SA
 7 Mispel Street
 BELLVILLE
 7455
 Tel: +27 21 938 3512
 Fax: +27 865168235
 Mobile: +27 82 4536745.

EC

Abraham Nieman

From: 27724061291 [27724061291@vodamail.co.za]
Sent: 27 June 2011 12:25 PM
To: Adonis, Althea
Subject: Appointment with PASA CEO Mr Xiphu

Importance: High

Dear Althea

Our brief meeting last Thursday, June 23, 2011, bears reference.

I am just following up on our conversation, for the delegation of the Graaff-Reinet Shale Gas Community forum to have a meeting with your Mr Xiphu this week.

As you indicated to ourselves that you can only secure us an appointment on Thursday this week, I hereby wish to inform you that Thursday, June 30, 2011 at 11H00 would suit us. Please feel free to contact me (Vuyisa Jantjies) on 071 708 7143, should you wish to change the time for this meeting.

Below please find our Founding Statement, which will form the basis of the discussions we will undertake with Mr Xiphu.

Regards,

Vuyisa Jantjies - Co-Ordinator of the Karoo Shale Gas Community Forum

.....
FOUNDING STATEMENT FOR THE GRAAFF REINET SHALE-GAS COMMUNITY FORUM

PREAMBLE

We the community of Graaff Reinet, coming from the sector of the predominantly historically disadvantaged population faced by unemployment, high unemployment and daily hardships have gathered today, on 19 June 2011, to make our view known on the subject of energy groups? applications to study the feasibility of extracting natural gas from shell rocks formations beneath the Karoo area.

We meet here today as representatives of each and every community based organization, having received mandate from each of our organization and after extensive and intensive discussions on the subject of shale gas, to tell the people of South Africa that the majority of the people of Graaff Reinet have mandated us to form and launch the Graaff Reinet Shale-Gas Forum.

OUR MESSAGE TO SOUTH AFRICA

We of the Graaff Reinet Shale-Gas Community Forum are mandated by the communities we represent to tell our Government, the stake-holders to the shale gas opportunity, namely industry, interest groups and communities affected as well as the people of South Africa at large that this is our Karoo too and that contrary to what has been said in the media and on other platforms, we had not mandated anyone to represent us on the said opportunity.

We are here today not just to reclaim what also belongs to us, our Karoo, but to let the people of our South Africa know that the opinions expressed by the so called representatives of the Karoo communities are certainly not a reflection of the position of the majority of the population represented by our Forum. (45

THE FORUM'S REPRESENTATION

The Forum represents the following community based organizations:

- Camdeboo Council of Churches
- Graaff Reinet Youth Forum
- African National Congress (Graaff Reinet branch)
- COSATU local structures
- Camdeboo Minister Fraternal
- Karoo Centre for Human Rights
- Small Farmers Association
- Camdeboo Youth Forum
- Camdeboo Sports Forum

THE ISSUE AT HAND

Several companies, including oil major Royal Dutch Shell and petrochemicals group Sasol are queuing for rights to explore for shale gas in the Karoo. Indications had been found that there is abundance of natural gas in the area, but there is great uncertainty where the gas is, whether it could flow and whether it could be produced economically. The purpose of exploration is to establish if gas would flow and this is done through a technique known as fracking or hydraulic fracturing. It is a technique that involves the injection of water, sand and other fluids at very high pressure into the rock formation, creating cracks that would allow the natural gas to flow.

There has been a public outcry over Shell's and other companies' applications and the opposition to hydraulic fracturing is mainly centered on the following three areas:

- A. Huge amount of water are required for both the drilling and hydraulic fracturing and at the same time it is a known fact that Karoo is semi-arid.
- B. It is alleged that the little fresh water that is available underground will be contaminated during the drilling and fracking processes.
- C. It is alleged that the drilling and fracking processes are also harmful to the environment.

THE FORUM'S POSITION

Our Karoo is a breathtakingly beautiful place, we love it not less than others. Its heavenly fauna and flora and terrific aesthetics have created a lifestyle that defines all of us as its inhabitants. Our love for our Karoo would dictate to us that its immaculately clean environment must be protected and that protection does not suggest that we must be utopian and believe we live in a pristine place. Any insistence that suggests that any activity that has the slightest risk to the beautiful environment of the Karoo must not be allowed is to imply that the 'pristineness' of the area must be maintained. Karoo is no longer pristine. That is not practical, it is also not desirable. The man's activities in the Karoo and in all other places of our universe have an environmental price. The key question here is to weigh the environmental and social costs of the fracking and determine if it is worth paying the price. In this context the Forum welcomes the decision of our Government to impose a moratorium on the granting of exploration licenses while a multidisciplinary investigation of the environmental implications of such exploration is carried out. We trust that the investigation would enable our Government to soberly assess the potential environmental risks and this should be done in a scientific manner and in accordance with the process laid down in law and not to succumb to the emotional and one dimensional outbursts that have been made in the media and on other platforms. We believe that the potential environmental impacts are manageable and we are confident that our belief shall be supported by the investigation.

The importance of preserving the fresh water in our area cannot be over emphasized. We were therefore extremely concerned about the alleged contamination of water that normally occurs during the drilling and fracking process, but our concerns were adequately addressed by Shell in this case, that its technology does not allow any contact with fresh water during the process.

The Forum nevertheless remains concerned about the huge amounts of water required for drilling and fracking and this is against the background of the serious scarcity of water in the Karoo. We are told that one stage of fracking would require 2.3 million liters of water and a well can have up to 14 fracking stages, which could mean a consumption of 32 million liters of water. Shell alone has applied to drill 24 wells and that could translate into a possible 772.8 million liters of water. We would want to be given a compelling and convincing strategy by Shell on how they intend to import the water as it is clear that Karoo cannot afford to compete with Shell and other applicants for water. We would also like to note that there are also other opportunities, such as recycling waste water.


CONCLUSION

The Graaff Reinet Shale-Gas Forum believes that the potential economic and social advantages of finding substantial reserves of natural gas in the Karoo cannot be overstated. The demand for energy continues to increase in our country and there is no doubt that natural gas has a growing role to play in building a cleaner, more affordable and more secure energy future. Natural gas could also provide South Africa with a stable, sustainable alternative energy source, supporting economic growth, bringing needed employment and economic opportunity in the Karoo. We do not believe that the jobs to be created would come at the expense of others, mainly in the agricultural and tourism sectors. We have no jobs right now! **Ons vrek soos nou!** Two hotels have been closed in the past in Graaff Reinet and that certainly cannot be an indication of a growing tourism.

The Forum would also want to put it on record that it is not in support of the shale gas opportunity at any cost. The concerns raised above must be addressed and most importantly the opportunity must benefit the Karoo communities in the most meaningful way. It is therefore important that a social compact and legally enforceable agreement be put in place to hold the company/companies that are successfully granted a prospecting licence accountable with sufficient monitoring throughout the process with the assistance of legal and environmental professional people.

END OF MAIL.

NA



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Abraham Nieman

From: Dr Luc Chevallier [lchevallier@geoscience.org.za]
Sent: 29 June 2011 09:50 AM
To: Adonis, Althea
Subject: CGS attending today

Good day Althea

I will be the CGS representative at the meeting TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING, this morning at 11h00

Dr Luc Chevallier

Council for Geoscience
Western Cape and Northern Cape Regional Manager

3 Oos streets
P.O. Box 572
Bellville 7535, SA

Tel: 021 943 6704
Fax 021 946 4190
Cel: 083 548 9838

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CS

Abraham Nieman

From: Mills, Steve [millss@petroleumagency.co.za]
Sent: 11 November 2011 12:10 PM
To: 'lchevallier@geoscience.org.za' (lchevallier@geoscience.org.za)
Cc: Xiphu, Mthozami
Subject: Induced seismicity
Attachments: Preliminary Report - Addendum No 1 20111111.doc

Hi Luc

You will remember that during our work as the Working Group we became aware of the minor seismic events associated with shale gas operations in the UK.

The report by independent investigators was published on 02 November, and I have (1) gone some way to preparing an addendum to the Preliminary Report of the working group, and (2) initiated an enquiry with the seismology unit at CGS. [I have exchanged e-mails with Michelle Grobbelaar who I believe is based in Pretoria]

I now realise that I have got ahead of myself, and that the addendum should more properly be prepared by CGS where specific expertise resides rather than by myself as a geoscientist with general understanding of the issues.

That being so, I attach a draft text for Addendum No. 1 which might serve as a starting point, and a link to the page where the report is published <http://www.cuadrillaresources.com/news/news/>

The item in question is marked 02/11/2011 Geomechanical Study of Bowland Shale Seismicity (4.2 MB).

Please confirm that as the CGS representative in the working group you agree that CGS is the appropriate body to make a report of this nature.

Regards

Steve

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Abraham Nieman

From: Adrian Tiplady [atiplady@ska.ac.za]
Sent: 24 June 2011 09:29 AM
To: Xiphu, Mthozami
Cc: Lipuo Mothae; Adonis, Althea
Subject: Re: FW: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Good day Mr. Xiphu,

I was nominated by the Dept. of Science and Technology to represent astronomy interests in the proposed task team on hydraulic fracturing. Unfortunately, I have not yet received any correspondence on this matter from the relevant parties. I have just been forwarded the email attached below - please can you amend the email distribution list accordingly.

Please note that I will be available for the 11h00 meeting on Wednesday, but may not be in a position to provide a full interim report.

Regards,

Dr. Adrian Tiplady
SKA South Africa
011 442 2434

FYI

From: Xiphu, Mthozami [mailto:xiphum@petroleumagencyssa.com]
Sent: Thursday, June 23, 2011 7:34 PM
To: joel.raphela@dmr.gov.za; andre.andreas@dmr.gov.za; okwonkwoa@dwa.gov.za; nhadebe@thedti.gov.za; Lipuo Mothae; Mills, Steve; Marot, Jennifer; Motlounge, Tebogo; Ngesi, Phumla; lramagwede@geoscience.org.za
Cc: Adonis, Althea
Subject: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Dear Colleagues

I refer to our meeting of 27 May 2011 on the above matter, which agreed that inputs to the draft Terms of Reference and nominations from the various departments and state owned institutions be forwarded to the Office of the DG of Mineral Resources, Adv Sandile Nogxina or to the Petroleum Agency. We have to-date not received any proposed amendments to the Draft Terms of Reference. We thank you however for the nominations that we received from your departments.

The only comment received on the Terms of Reference was a proposal for the deletion of paragraph 2.2, which provided that "The Task Team shall at all times strive to reach its decisions by consensus amongst all members. However, all decisions agreed to by the majority of members attending a meeting shall be binding; Provided that the Chairperson shall have a casting vote." The DMR was of the view that it is not necessary to strive for consensus while decisions of the Task Team are in any event recommendations to the Minister. For your ease of reference, I have attached the full document together with the briefing notes that were distributed before the meeting of 27 May 2011.

It is also the purpose of this email to propose the first meeting of the Working Group, to be held at the Petroleum Agency offices in Bellville, Cape Town, on Wednesday, 29 May 2011. Kindly indicate your availability on this date in order for us to determine whether or not to propose another. The meeting will discuss the issues raised in the briefing document, as well as any other considered essential by the Working Group, with the purpose of mapping out a strategy for the envisaged study and possible study tour, which will be appropriate for the proposed timeframes.

The proposed details of the meeting are as follows:

Date:	29 June 2011
Time:	11h00
Venue:	Petroleum Agency SA
Address:	7 Mispel Street, Bellville, Cape Town.

A map of the location of the Agency is attached. You may also contact the CEO's PA, Ms Althea Adonis for any assistance at: adonisa@petroleumagencysa.com and at (021) 938 3510.

Best regards.

Mthozami R. Xiphu
Chief Executive Officer
Petroleum Agency SA
7 Mispel Street
BELLVILLE
7455
Tel: +27 21 938 3512
Fax: +27 865168235
Mobile: +27 82 4536745.

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<http://www.petroleumagencysa.com/DisclaimerInformation38.aspx>

--
Dr. Adrian Tiplady
SKA South Africa
Johannesburg
+27 11 442 2434
+27 72 372 0134
www.ska.ac.za

5

To: Adonis Althea

Subject: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Dear Colleagues

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Best regards,

Mthozami R. Xiphu
 Chief Executive Officer
 Petroleum Agency SA
 7 Mispel Street
 BELLVILLE
 7455
 Tel: +27 21 938 3512
 Fax: +27 865168235
 Mobile: +27 82 4536745.

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JA b

Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencyrsa.com]
 Sent: 11 August 2011 08:38 AM
 To: Smart Mike (BVL) (SmartM@dwa.gov.za); Joel Raphela; atiplady@ska.ac.za; VanWyke2@dwa.gov.za; lchevallier@geoscience.org.za; Mmadikeledi Malebe; Mills, Steve; Motloung, Tebogo; Marot, Jennifer; Ngesi, Phumla; Ntokozo.Ngcwabe@dmr.gov.za
 Cc: Xiphu, Mthozami
 Subject: RE: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Dear colleagues

Kindly note that this meeting is now confirmed for Friday, 12 August 2011, 11:00 – 15:00 at the Petroleum Agency SA offices in Bellville.

Documentation will be circulated during the course of today.

Warm regards
Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
PETROLEUM AGENCY SA
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 +27 21 938-3510 (Direct)
 +27 21 938-3553 (Fax)
 +27 83 788 2550 (Mobile)
adonisa@petroleumagencyrsa.com

From: Adonis, Althea
Sent: Friday, August 05, 2011 4:03 PM
To: Smart Mike (BVL) (SmartM@dwa.gov.za); 'joel.raphela@dmr.gov.za' (joel.raphela@dmr.gov.za); atiplady@ska.ac.za; 'VanWyke2@dwa.gov.za'; lchevallier@geoscience.org.za; 'mmadikeledi.malebe@dmr.gov.za'; Mills, Steve; Motloung, Tebogo; Marot, Jennifer; Ngesi, Phumla; 'Ntokozo.Ngcwabe@dmr.gov.za'
Cc: Xiphu, Mthozami
Subject: 2nd Meeting of the Working Group of the Task Team on the investigation on Shale Gas

Dear colleagues

Could you kindly advise your availability for the next meeting of the Working Group as per details below. Further documentation will be circulated on Wednesday, 10 August 2011.

Date: **Friday, 12 August 2011**
 Time: **11:00 – 15:00**
 Venue: **Petroleum Agency SA**

It would be appreciated if we could receive your responses by close of business Monday, 08 August 2011.

Warm regards
Althea Adonis
For

JA

(5)

Mihozam Xiphu

Althea Adonis

Personal Assistant to Mihozam Xiphu (CEO)

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Abraham Nieman

From: Adonis, Althea [adonisa@petroleumagencysa.com]
Sent: 11 August 2011 08:38 AM
To: Smart Mike (BVL) (SmartM@dwa.gov.za); Joël Raphela; atiplady@ska.ac.za; VanWykE2@dwa.gov.za; lchevallier@geoscience.org.za; Mmadikeledi Malebe; Mills, Steve; Motloun, Tebogo; Marot, Jennifer; Ngesi, Phumla; Ntokozo.Ngcwabe@dmr.gov.za
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Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)
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adonisa@petroleumagencysa.com

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To: Smart Mike (BVL) (SmartM@dwa.gov.za); 'joel.raphela@dmr.gov.za' (joel.raphela@dmr.gov.za); atiplady@ska.ac.za; 'VanWykE2@dwa.gov.za'; lchevallier@geoscience.org.za; 'mmadikeledi.malebe@dmr.gov.za'; Mills, Steve; Motloun, Tebogo; Marot, Jennifer; Ngesi, Phumla; 'Ntokozo.Ngcwabe@dmr.gov.za'
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Venue: Petroleum Agency SA

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Warm regards

Althea Adonis
For

56

Mthozami Xiphu
Althea Adonis
Personal Assistant to Mthozami Xiphu (CEO)
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Abraham Nieman

From: Adrian Tiplady [atiplady@ska.ac.za]
Sent: 25 July 2011 04:07 PM
To: Xiphu, Mthozami; Adonis, Althea
Subject: Report on Fracking Activities
Attachments: Impact Analysis of Hydraulic Fracturing on the SKA.docx

Dear Mr. Xiphu,

I have not received any correspondence regarding further task team meetings. However, I understand that the task team report is still due on the 30th of this month. I have attached a draft of the report I have compiled, looking at the potential impact of hydraulic fracturing on the SKA. I will submit the final report before the end of the week, however the recommendations and conclusions will not differ dramatically from the attached version. I still need to strengthen the relevant section on Impact on the SKA with more appropriate maps and figures.

Regards,

Adrian
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--
Dr. Adrian Tiplady
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+27 72 372 0134
www.ska.ac.za

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LA

Abraham Nieman

From: Desmond Hadebe [NHadebe@thedti.gov.za]
Sent: 27 June 2011 10:14 AM
To: Xiphu, Mthozami
Subject: Re: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Dear Mthozami

Thank you for the e-mail.

The dti indicated in its nomination letter that it would nominate only for the Interdepartmental Task Team (IDTT). It is requested that Petroleum Agency SA, as the chair of The Working Group (WG), put forward proposed dates for the next meeting of IDTT as well as possible study tours and their dates to enable IDTT members to diarise for the IDTT meetings and to also be granted an opportunity to attend the study tours, should they wish to do so. Although the dti does not have in-depth knowledge to contribute effectively during the WG discussions, the dti nominee would like to attend study tours.

Regards
Nhlanhla Desmond Hadebe
Director: Chemicals
Department of Trade and Industry
Tel: 0027 (0) 12 394 1156
Mobile: 0027 (0) 828 630 650
Fax: 0027 (0) 12 394 2156
NHadebe@thedti.gov.za

The problems that exist in the world today cannot be solved by the level of thinking that created them. (Albert Einstein)

>>> "Xiphu, Mthozami" <xiphum@petroleumagencyrsa.com> 2011/06/23 07:33 PM >>>
Dear Colleagues

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The proposed details of the meeting are as follows:
June 2011

Date:

29

69

Time: 11h00
Venue: Petroleum Agency SA

Address: 7 Mispel Street, Bellville, Cape Town.

A map of the location of the Agency is attached. You may also contact the CEO's PA, Ms Althea Adonis for any assistance at: adonisa@petroleumagencysa.com and at (021) 938 3510.

Best regards.

Mthozami R. Xiphu
Chief Executive Officer
Petroleum Agency SA
7 Mispel Street
BELLVILLE
7455
Tel: +27 21 938 3512
Fax: +27 865168235
Mobile: +27 82 4536745.

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Abraham Nieman

From: Kholofelo Madisha
Sent: 28 June 2011 12:02 PM
To: Adonis, Althea
Subject: RE: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Importance: High

Hi.

Mr Raphela will unfortunately not be able to attend the meeting and has indicated that he will ask Mr Mbuso Khwele (0824658086 / 012 444 3251) to attend.

Regards

Ms Kholofelo Madisha
Office of the DDG: Mineral Regulation
Department of Mineral Resources
Trevenna Campus: Block 2B
cnr Meintjies & Schoeman Streets
Sunnyside, Pretoria
Tel: 012 444 3977
eFax: 086 710 1317 / 012 341 2272

From: Adonis, Althea [mailto:adonisa@petroleumagencyrsa.com]
Sent: Tuesday, June 28, 2011 11:35 AM
To: Kholofelo Madisha
Subject: RE: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.
Importance: High

Hi Kholofelo

Have you managed to check with Mr. Raphela on the below please. Your urgent response will be much appreciated.

Warm regards
Althea

Althea Adonis

Personal Assistant to Mithozami Xiphu (CEO)
PETROLEUM AGENCY SA
+27 21 938-3500 (Reception)
+27 21 938-3510 (Direct)
+27 21 938-3553 (Fax)
+27 83 788 2550 (Mobile)
adonisa@petroleumagencyrsa.com

From: Adonis, Althea
Sent: Friday, June 24, 2011 3:55 PM
To: 'Kholofelo Madisha'
Subject: FW: TASK TEAM WORKING GROUP FOR THE INVESTIGATION FO HYDRAULIC FRACTURING: Proposed Meeting.

Hi Kholofelo

Handwritten initials and marks at the bottom right of the page.

Message from Mr. Xiphu sent 23 June 2011 (below) refers.

Would you kindly assist in checking with Mr. Raphela if he is available for the proposed meeting please.

Warm regards

Althea

Althea Adonis

Personal Assistant to Mthozami Xiphu (CEO)

PETROLEUM AGENCY SA

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+27 21 938-3510 (Direct)

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adonisa@petroleumagencyssa.com

From: Xiphu, Mthozami

Sent: Thursday, June 23, 2011 7:34 PM

To: joel.raphela@dmr.gov.za; andre.andreas@dmr.gov.za; okwonkwoa@dwa.gov.za; nhadebe@thedti.gov.za; Lipuo Mothae (Lipuo.Mothae@dst.gov.za); Mills, Steve; Marot, Jennifer; Motloug, Tebogo; Ngesi, Phumla; Iramagwede@geoscience.org.za

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Dear Colleagues

I refer to our meeting of 27 May 2011 on the above matter, which agreed that inputs to the draft Terms of Reference and nominations from the various departments and state owned institutions be forwarded to the Office of the DG of Mineral Resources, Adv Sandile Nogxina or to the Petroleum Agency. We have to-date not received any proposed amendments to the Draft Terms of Reference. We thank you however for the nominations that we received from your departments.

The only comment received on the Terms of Reference was a proposal for the deletion of paragraph 2.2, which provided that "The Task Team shall at all times strive to reach its decisions by consensus amongst all members. However, all decisions agreed to by the majority of members attending a meeting shall be binding; Provided that the Chairperson shall have a casting vote." The DMR was of the view that it is not necessary to strive for consensus while decisions of the Task Team are in any event recommendations to the Minister. For your ease of reference, I have attached the full document together with the briefing notes that were distributed before the meeting of 27 May 2011.

It is also the purpose of this email to propose the first meeting of the Working Group, to be held at the Petroleum Agency offices in Bellville, Cape Town, on Wednesday, 29 May 2011. Kindly indicate your availability on this date in order for us to determine whether or not to propose another. The meeting will discuss the issues raised in the briefing document, as well as any other considered essential by the Working Group, with the purpose of mapping out a strategy for the envisaged study and possible study tour, which will be appropriate for the proposed timeframes.

The proposed details of the meeting are as follows:
2011

Date: 29 June

Time: 11h00

Venue: Petroleum Agency
SA

Address: 7 Mispel Street, Bellville,

Cape Town.

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A map of the location of the Agency is attached. You may also contact the CEO's PA, Ms Althea Adonis for any assistance at: adonisa@petroleumagencysa.com and at (021) 938 3510.

Best regards.

Mthozami R. Xiphu
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PA

Abraham Nieman

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From: Dr Luc Chevallier [lchevallier@geoscience.org.za]
Sent: 21 November 2011 10:43 AM
To: Mills, Steve
Cc: Xiphu, Mthozami
Subject: RE: Induced seismicity

Good day Steve

Sorry to answer so late I was in Istanbul at the GEO Plenary for a week and did not really check my Emails.

Yes the CGS should be the appropriate body to write such a report.

Have you already sent your draft Addendum to Michelle Grobbelaar ?

regards

Dr Luc Chevallier
Manager Western Cape, Northern Cape and Marine
Council for Geoscience
3 Oos street
P.O. Box 572 Bellville 7535

Ph : 021 943 6700
Fax : 021 946 4190
Cell: 083 5489838

From: Mills, Steve [mailto:millss@petroleumagencyrsa.com]
Sent: 11 November 2011 12:10 PM
To: Luc Chevallier
Cc: Xiphu, Mthozami
Subject: Induced seismicity

Hi Luc

You will remember that during our work as the Working Group we became aware of the minor seismic events associated with shale gas operations in the UK.

The report by independent investigators was published on 02 November, and I have (1) gone some way to preparing an addendum to the Preliminary Report of the working group, and (2) initiated an enquiry with the seismology unit at CGS. [I have exchanged e-mails with Michelle Grobbelaar who I believe is based in Pretoria]

I now realise that I have got ahead of myself, and that the addendum should more properly be prepared by CGS where specific expertise resides rather than by myself as a geoscientist with general understanding of the issues.

That being so, I attach a draft text for Addendum No. 1 which might serve as a starting point, and a link to the page where the report is published <http://www.cuadrillaresources.com/news/news/>

The item in question is marked 02/11/2011 Geomechanical Study of Bowland Shale Seismicity (4.2 MB).

Please confirm that as the CGS representative in the working group you agree that CGS is the appropriate body to make a report of this nature.

Regards

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Steve

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