

# **EXPLORATION RIGHT**

Granted in terms of Section 80 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002)



# TABLE OF CONTENTS

Clause	Title	Page
	Preamble	4-6
1.	Definitions and Interpretations	6-11
2.	Granting of the Right	11
3.	Exploration Area	11
4.	Exclusive Right to Apply for a Production Right in respect of Discoveries	11-12
5.	Rights and Obligations of the Holder	12
6	Commencement, Duration and Renewal	12-13
7	Exploration Fees	13
-		
8	Technical Advisory Committee	13-15
9.	Cancellation or Suspension of the Exploration Right	15
10.	Relinquishment and Voluntary Abandonment of the Exploration Area	15-16
44		40
11.	Rights to Minerals and Petroleum	16
12.	Examination of the Exploration Area	17
12.	Liamination of the Exploration Area	17
13.	Records and Samples	17
		''
14.	Reports	18
15.	Annual Exploration Work Programme and Budget	18-19

16.	Discoveries and Testing	20-22
17.	Manner of Conducting Exploration Operations	22-23
	manner of contacting Exploration operations	
18.	Existing Data	23
19.	Environmental Protection and Financial Provision	24
20.	Social and Labour Matters	24-25
21.	Тах	25
22.	Financial Records and Audits	25
23.	Customs Duties	26

Page 1 of 147

24.	Exchange Control	26
25.	Indemnity and Insurance	26-27
26.	Health and Safety	27
27.	Confidentiality and Public Announcements	27-29
28.	Cession and Sub-contracting	29
29.	Law and Interpretation	30
30.	Obligations of the Grantor	30
31.	State Option	30-31
32.	Vis Major	31-32
33.	Amendments	32
34.	Unitisation	32-33
35.	Special Provisions Relating to Gas Discovery	33-34
36.	Waiver or Lenience	34
37.	Dispute Resolution	34-36
38.	Costs and Value Added Tax	36
39.	Entire agreement	36
10.	Severability	37
		1

42.	Registration	38-39

# **ANNEXURE INDEX**

Page 2 of 247

Annexure	Annexure Title	Pages
A	List of farms & Sketch Plan for the Exploration Area	40
В	Exploration Work Programme [Inclusive of the Minimum Work Obligations]	41
С	Relinquishment Schedule	42
D	Schedule of Contributions to the Upstream Training Trust	43
E	A List of Available Data Made Available to the Holder	44

PROTOCOL NO: 2537/2019

#### **EXPLORATION RIGHT**

GRANTED IN TERMS OF SECTION 80 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT, NO. 28 OF 2002 READ TOGETHER WITH REGULATION 29 PUBLISHED IN THE GOVERNMENT GAZETTE NO. 26275 ON 23 APRIL 2004, PROMULGATED IN TERMS OF SECTION 107 OF THE ACT

#### PREAMBLE:

Whereas Buyelwa Patience Sonjica in her capacity as the Minister of Minerals and Energy on the 14th December 2006

delegated the powers conferred on her in the Act, as defined below, to the Director-General in terms of the provisions of section 3(2)(a) and section 103 of the Act, which delegation (reference no. 12/2/7/1/7) remains of full force and effect.

of full force and effect.

And on 1 July 2009 by Proclamation No 44, 2009 the State President of the Republic of South Africa transferred

the administration and the powers and functions entrusted to the Minister of Minerals and Energy by the Act

including all amendments thereto, to the Minister of Mineral Resources.

And the Minister has on the 12th day of January 2016 granted the Holder as defined below, an Exploration Right

upon the following terms and conditions.

## LET IT HEREBY BE KNOWN:

That on this 10th day of January in the year 2019 before me,

#### **HENDRIK MALHERBE OOSTHUIZEN**

a Notary Public, duly sworn and admitted, practicing and residing at Cape Town, in the Western Cape Province, Republic of

## 1. VILJOEN STORM

In his capacity as the Acting Chief Executive Officer of

# SOUTH AFRICAN AGENCY FOR PROMOTION OF PETROLEUM EXPLORATION AND EXPLOITATION (SOC) LTD,

## Registration No.1999/015715/30

he being duly authorized hereto by a Power of Attorney granted to him at Pretoria on 24 November 2015 by the Director General of the Department of Mineral Resources, which Power of Attorney has this day been exhibited to me, the Notary, and remains filed of record in my protocol with the minute thereto, and herein representing:

## THE MINISTER OF MINERAL RESOURCES

Page 4 of 447

(hereinafter together with his successors in title referred to as 'the Minister'), being duly authorised by virtue of the provisions of Section 3(2)(a) and Section 103 of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002) and as such in his capacity representing:

#### THE REPUBLIC OF SOUTH AFRICA

(hereinafter referred to as "the Grantor") of the one part, and

#### 2. OK ENERGY LIMITED

## **Registration Number 7394765**

## A company incorporated under the laws of England and Wales

herein represented by **Paul Barrett** he being duly authorized thereto under and by virtue of a Resolution signed on the 7th January 2019, a certified copy of the extract of the Minutes of the Meeting has this day been exhibited to me, the Notary, and now remains filed of record in my Protocol.

(hereinafter together with its successors in title and assigns referred to as "the Holder"),

all jointly hereinafter referred to as "the Parties".

#### AND THE APPEARERS DECLARED THAT

WHEREAS The State, as Grantor is the custodian of the mineral and petroleum resources of the Republic

of South Africa;

AND WHEREAS The Holder has applied for an Exploration Right in respect of the Exploration area described

below;

AND WHEREAS The Grantor has granted to the Holder this Exploration Right on the terms and conditions set

out below.

NOW, THEREFORE, THE GRANTOR HEREBY GRANTS TO THE HOLDER, AND THE HOLDER HEREBY ACCEPTS, THIS EXPLORATION RIGHT SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

#### 1. Definitions and Interpretation

- 1.1. Unless the context indicates otherwise, or as otherwise defined herein, any expression to which a meaning has been assigned in the Act shall bear, when used in this Exploration Right, the same meaning and apply mutatis mutandis hereto. In this Exploration Right the following words and expressions shall have the corresponding meanings assigned to them:
  - 1.1.1. 'the Act' shall mean the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002);
  - 1.1.2. 'Acquired Data' shall mean all technical information and data (digital or otherwise) and Samples,

or created by the Holder in the course of Exploration Operations, including drilling, appraisal, production, completion, and abandonment reports; tests (including reservoir analysis); well logs; maps; production rates, records and statistics; and geological and geophysical information and interpretations; but excluding, for the avoidance of doubt, any Existing Data;

- 1.1.3. 'Affiliate' shall mean another Person which, directly or indirectly, owns, or is owned by, or is owned by a Person which owns, that first-mentioned Person; 'owns' and 'owned' in this definition means the beneficial ownership of 50 % (fifty percent) or more of the voting shares or other securities of such person;
- 1.1.4. 'Agency' shall mean the designated agency as defined in the Act, which currently is the South African Agency for Promotion of Petroleum Exploration and Exploitation SOC Ltd, also known as Petroleum Agency SA;
- 1.1.5. 'Annual Exploration Work Programme' shall mean the annual work programme for Exploration Operations, inclusive of the estimated budget of costs and expenses of carrying out the same, that the Holder prepares and is approved by the Grantor in accordance with Clause 15;
- 1.1.6. 'Applicable Laws' shall mean the laws of the Republic of South Africa;
- 1.1.7. 'Appraisal Operations' shall mean any operation, study, activity, or matter, whether taking place within or outside of the Republic of South Africa, to appraise and evaluate the extent and volume of petroleum within a Discovery made by the Holder in the Exploration Area and to determine whether such Discovery could be a Commercial Discovery, including, if and to the extent applicable, all production of petroleum necessary in connection with completion and testing of any appraisal well (including, if necessary, any long-term production test) and all plugging and abandonment of any appraisal well. The terms 'to Appraise' or 'Appraisal' shall be construed accordingly;
- 1.1.8. 'Appraisal Programme' shall mean the appraisal programme for Appraisal Operations, inclusive of the estimated budget of costs and expenses of carrying out the same, that the Holder prepares and is approved by the Grantor in accordance with Clause 16 3;
- 1.1.9. 'Commercial Discovery' shall mean a Discovery of petroleum within the Exploration Area in such quantities as will permit the economic development thereof, on its own or in combination with other existing Discoveries or as part of a unitised development;
- 1.1.10. 'Days' shall have the meaning ascribed to it in the Act;

- 1.1.11. **'Development Plan'** shall mean the development plan for the Exploration Area, as amended from time to time, that the Holder prepares and is approved by the Grantor;
- 1.1.12. 'Development Plan Supplement' shall mean a plan for the further development and production of any additional Commercial Discoveries within the Exploration Area, as amended from time to time, that the Holder prepares and is approved by the Grantor;
- 1.1.13. **'Discovery'** shall mean the discovery by the Holder of a geological feature within the Exploration Area that is determined by the Holder in accordance with Good International Petroleum Industry Practices to be capable of producing petroleum;
- 1.1.14. **'Environmental Authorisation'** shall have the meaning ascribed to it in terms of the National Environmental Management Act. 1998 (Act 107 of 1998);
- 1.1.15. **'Existing Data'** shall mean all technical information and data provided to the Holder by the Grantor, as set out in **Annexure "E"** hereto, receipt of which has been acknowledged by the Holder;
- 1.1.16. **'Exploration Area'** shall mean the area within the Republic of South Africa described in Clause 3, excluding those portions relinquished or abandoned from time to time in accordance herewith;
- 1.1.17. **'Exploration Operations'** shall have the meaning ascribed to it in the Act which for purposes of this Exploration Right shall include Appraisal Operations;
- 1.1.18. 'Exploration Work Programme' shall mean the work programme attached hereto as Annexure B, the Annual Exploration Work Programme and any Appraisal Programme, as it may be amended from time to time, that the Holder prepares and is approved by the Grantor;
- 1.1.19. **'First Renewal Period'** shall mean the first renewal of this Exploration Right granted in terms of Section 81 of the Act read together with Regulation 33;
- 1.1.20. 'Gas' shall mean any hydrocarbon which at a temperature of 21 (twenty one) degrees Celsius and a pressure of 1 (one) atmosphere, is in a gaseous phase existing in a natural condition in the earth's crust, regardless of the nature of the host rock, and includes any gas which has in any manner been returned to such natural condition, and includes condensate of such gas, but does not include hydrocarbon gas obtained by destructive distillation or gas arising from a marsh or other surface deposit;
- 1.1.21. **'Good International Petroleum Industry Practices'** shall mean those good, sound and generally accepted prevailing standards, practices, considerations, and

procedures that are applied by reasonable and prudent companies and operators in the international petroleum industry under conditions and circumstances similar to those experienced in the Exploration Area;

- 1.1.22. 'Government' shall mean the government of the Republic of South Africa;
- 1.1.23. **'Granting Date'** shall mean the date on which the granting of this Exploration Right or any renewal thereof (whichever applicable) is communicated to the Holder;
- 1.1.24. 'Grantor' shall have the meaning attributed thereto in the description of the Parties above;
- 1.1.25. 'Grantor Group' shall mean collectively, the Department of Mineral Resources (including the Minister), and the Agency (including the Chief Executive Officer), and the directors, officers, employees, agents, representatives and invitees of each of the aforementioned;
- 1.1.26. 'Holder' shall have the meaning ascribed to it in the preamble and shall include each Holder Party;
- 1.1.27. 'Holder Group' shall mean, collectively, the Holder, each Holder Party, contractors (of any tier) of the Holder used in connection with Exploration Operations hereunder and directors, officers, employees, agents, representatives, and invitees of each of the aforementioned;
- 1.1.28. 'Holder Party' shall mean each Holder and each successor in title;
- 1.1.29. 'Income Tax Act' shall mean the Income Tax Act, 1962 (Act No. 58 of 1962);
- 1.1.30. **'Initial Period'** shall mean a period of 36 (thirty six) months commencing from the date of notarial execution;
- 1.1.31. **'Minimum Work Obligation'** shall mean the minimum work to be conducted by the Holder in respect of each Sub-period (as defined below) and as specified in the attached Annexure B;
- 1.1.32. **'Participating Interest'** shall mean a Holder Party's undivided share (expressed as a percentage) in all of the rights and obligations of the Holder derived from this Exploration Right;
- 1.1.33. **'Person'** shall mean any natural person and any partnership, incorporated or unincorporated joint venture, corporation, limited liability company, trust, estate, organisation or entity, and any branch, division, political sub-division, instrumentality, authority or agency of any government or state;
- 1.1.34. 'Petroleum' shall have the meaning ascribed to it in the Act;

- 1.1.35. 'Production Right' shall have the meaning ascribed to it in Clause 4;
- 1.1.36. 'Quarter' means a three-month period of a year beginning on 1<sup>st</sup> January, 1<sup>st</sup> April, 1<sup>st</sup> July or 1<sup>st</sup> October of any year;
- 1.1.37. 'Regulations' shall mean the Regulations promulgated in terms of Section 107 of the Act;
- 1.1.38. **'Renewal Period'** shall mean that period of time for which this Exploration Right is renewed in terms of Section 81 of the Act read together with Regulation 33;
- 1.1.39. 'Required Data' shall mean, collectively, all the Acquired Data in its final form generated or recorded and preserved by the Holder in the course of conducting Exploration Operations pursuant to (a) the requirements of the Applicable Laws or (b) a reasonable request by the Grantor or (c) the Agency's published reporting standards manual;
- 1.1.40. **'Samples'** shall mean physical samples of rock, fluid and other materials acquired by the Holder in the course of conducting Exploration Operations for the purpose of preserving and analysing such samples;
- 1.1.41. **'Second Renewal Period'** shall mean the second renewal of this Exploration Right granted in terms of Section 81 of the Act read together with Regulation 33;
- 1.1.42. 'State' shall mean the Republic of South Africa;
- 1.1.43. **'Sub-period'** shall mean the First Renewal Period and/or the Second Renewal Period and/or the Third Renewal Period;
- 1.1.44. **'Third Renewal Period'** shall mean the third renewal of this Exploration Right granted in terms of Section 81 of the Act read together with Regulation 33;
- 1.1.45. 'Upstream Training Trust' shall mean the independent Upstream Training Trust registered under registration number IT 1289/98; and
- 1.1.46. 'Year' shall mean the period of 12 (twelve) calendar months from the date of notarial execution and each subsequent 12 (twelve) month period thereafter. The terms 'Yearly,' 'Annual,' or 'Annually' shall be construed accordingly.
- 1.2. Interpretation in this Exploration Right
  - 1.2.1. Where the context so requires, in this Exploration Right the words:
    - 1.2.1.1. importing the masculine gender shall include the feminine and vice versa,

1.2.1.2. 'hereunder,' 'herein,' 'hereof and words of similar import are references to this Exploration Right as a whole and not to any particular provision of this Exploration Right, unless expressly provided to the contrary, and

- 1.2.1.3. 'include' and 'including' shall mean to be inclusive without limiting the generality of the description preceding such term and are used in an illustrative sense and not a limiting sense.
- 1.2.2. Headings and sub-headings to clauses and sub-clauses are inserted for convenience only and are not to be taken into consideration in the interpretation or construction of this Exploration Right.
- 1.2.3. References to any Clause or Annexure are to a Clause or Annexure (as the case may be) of this Exploration Right unless expressly stated to the contrary.
- 1.2.4. This Exploration Right has been written in English and shall be interpreted and construed in accordance with the English language. All correspondence, communication and documents exchanged between the Grantor and the Holder in connection herewith, whether oral or written, shall be in the English language.
- 1.2.5. Reference to any statute, statutory provision or regulation shall include a reference to that statute, statutory provision or regulation as amended, extended or re-enacted from time to time.
- 1.2.6. In the event of any conflict or inconsistency between the provisions of this Exploration Right and the Act, the provisions of the Act shall govern. In the event of any conflict or inconsistency between the provisions of this Exploration Right and any Regulations, the provisions of the Regulations shall govern.
- 1.2.7. In the event of any conflict between the provisions of the main body of this Exploration Right and its Annexures the provisions of the main body of this Exploration Right shall govern.

## 2. Granting of the Right

- 2.1. Subject to the Act, the Regulations and the terms and conditions set forth herein, the Grantor hereby grants to the Holder and the Holder hereby accepts this Exploration Right.
- 2.2. As of the date of notarial execution of this Exploration Right, the Participating Interest of each Holder Party is as follows:

OK Energy Limited	100% share

## 3. Exploration Area

The Exploration Area, shall comprise of 693 003 (six nine three zero zero three) hectares in extent, situated offshore the Northern and Western Cape Provinces of the Republic of South Africa, which Exploration Area is described in detail on the attached plan marked hereto as **Annexure** "A".

## 4. Exclusive Right to Apply for a Production Right in Respect of Discoveries

- 4.1. Subject to the provisions of Section 83 of the Act read together with Regulation 34, the Holder has the exclusive right to apply for and be granted a Production Right in respect of each Commercial Discovery within the Exploration Area provided that any such application for a Production Right has been lodged prior to the expiry date of this Exploration Right. To the extent permissible in terms of the Applicable Laws in force at the time, the Parties undertake to commence negotiation of the terms of such Product Right one year from the date of notarial execution of the Exploration Right, which terms shall thereafter by included as an Annexure to the Exploration Right by way of an amendment to the Exploration Right in accordance with section 102 of the Act
- 4.2. Any area falling within the Exploration Area in respect of which a production right has been granted to the Holder shall, as from the date of the grant of such production right, be severed from and no longer form part of the Exploration Area.
- 4.3. In the case of the severance referred to in 4.2 above, the Holder shall, simultaneous with the granting and or issuing of the new Production Right, submit the necessary amended sketch plan reflecting the new size and extent of the Exploration Area, and the necessary endorsements shall be reflected on the Grantor's records.
- 4.4. As a part of its application for a Production Right, the Holder shall propose the area to be included in the Production Right, which area shall be at least sufficient to ensure that it encloses the entire formation in which the Commercial Discovery is located, including any likely extensions thereto and any potential additions to the initial Development Plan. In the event that a Commercial Discovery extends beyond the boundary of the Exploration Area into acreage over which no person has an outstanding application for a technical cooperation permit, exploration right or production right, the Holder shall have the right, to the extent permissible in terms of the Applicable Laws, to apply for a further Production Right to include the full extent of the Commercial Discovery that falls outside the boundary of the Exploration Area.

## 5. Rights and Obligations of the Holder

- 5.1. Without derogating from the Holder's rights and obligations in terms of this Exploration Right and Section 5 of the Act. the Holder shall have the right to own and dispose of any and all facilities, materials, equipment, supplies and consumables purchased and/or leased by the Holder for the conduct of Exploration Operations.
- 5.2. Without derogating from the Holder's other obligations in terms of this Exploration Right, the Holder shall:
  - 5.2.1. diligently conduct Exploration Operations in accordance with the Exploration Work Programme;
  - 5.2.2. comply with the Environmental Authorisation; and
  - 5.2.3. pay all amounts due and payable to the Grantor in terms of the Act, the Regulations, this Exploration Right and the Applicable Laws
- 5.3. Although the Grantor undertakes to make a reasonable attempt to resolve disputes, the Holder acknowledges that the Grantor cannot guarantee that the Holder will at all times be in a position to exercise within the Exploration Area the rights granted in terms of this Exploration Right, and that in certain instances conflicts may arise with other rights holders and or interested and affected parties within or around the Exploration Area In the event of such conflicts the holder will endeavour to resolve these conflicts with such right holders and or interested parties.

## 6. Commencement, Duration and Renewal

- 6.1. This Exploration Right will commence on the Granting Date and, unless abandoned, cancelled, relinquished, suspended, terminated, extended or renewed in accordance herewith, will continue to be in force and effect until the 11 January 2019.
- 6.2. In line with section 82 (2) of the Act the Holder shall, within 90 (ninety) days from the date of notarial execution, or such extended period as the Minister may authorise, commence Exploration Operations in accordance with the Exploration Work Programme.
- 6.3. In terms of section 81, read with regulation 33, of the Act the applicant has the right to, prior the end of the Initial Period or any Renewal Period, apply to the Minister for the renewal of the Exploration Right.

#### 7. Exploration Fees

7.1. The Holder shall pay in terms Section 82(2)(e) of the Act read together with Regulation 76 the prescribed exploration fees inclusive of interest to the Agency as from the commencement date.

7.2. All amounts due and payable by the Holder in terms of this Exploration Right shall be paid into the Agency's nominated Bank account, namely:

Bank Name: ABSA Branch: Parow

Branch Code: 502110

Account name: Petroleum Agency SA

Account number: 405 103 0832
Account type: Current Account

or such other bank account as the Grantor may from time to time notify the Holder, subject to the Holder conducting due diligence to its satisfaction on such other bank account within 30 (thirty) days of such notification.

7.3. Should the Holder fail to pay any amount due and payable hereunder on the due date, the Holder shall be in *mora debitoris* and shall be liable for and pay interest on such late payment at the rate prescribed in terms of Section 80 of the Public Finance Management Act, 1999 (Act No. 1 of 1999). Interest on outstanding amounts shall be calculated from the due date for payment hereunder to the date of actual payment.

## 8. Technical Advisory Committee

- 8.1. The Parties shall by written notice to each other, within 30 (thirty) days from the date of notarial execution, establish a committee (herein referred to as the Technical Advisory Committee) which shall consist of the following members:
  - 8.1.1. a chairman and one other person appointed by the Grantor; and
  - 8.1.2. two persons appointed by the Holder.
- 8.2. The membership of the Technical Advisory Committee may be enlarged to include one member for each Holder Party. The Grantor may in such instances enlarge its membership of the Technical Advisory Committee to equal that of the Holder.
- 8.3. The Grantor and each Holder Party may appoint by written notice to each other, alternate members to act in the place of their representatives. When an alternate member acts in the place of any member he or she shall be deemed to have the powers and shall perform the duties of such member.
- 8.4. Without prejudice to and without derogating from the rights and obligations of the Holder in terms of this Exploration Right, the Act and the Regulations the functions of the Technical Advisory Committee are as follows:

- 8.4.1. to review the progress of all Exploration Operations, to monitor the implementation thereof and to provide the Holder with advice and recommendations with regard thereto;
- 8.4.2. to review any proposed amendments to the approved Annual Exploration Work Programme submitted by the Holder to the Grantor in terms of Clause 15, to monitor the implementation thereof, and to provide the Holder with advice and recommendations with regard thereto;
- 8.4.3. to review any Appraisal Programme submitted by the Holder to the Grantor in terms of Clause 16, to monitor the implementation thereof, and to provide the Holder with advice and recommendations with regard thereto;
- 8.4.4. to review any proposed Development Plan and provide the Holder with advice and recommendations with regard thereto;
- 8.4.5. to review the accounting of expenditure and the maintenance of operating records and reports kept in connection with Exploration Operations, to monitor the implementation thereof, and to provide the Holder with advice and recommendations with regard thereto; and
- 8.4.6. to offer advice to the Holder in order to promote the efficient carrying out of Exploration Operations.
- 8.5. The Technical Advisory Committee shall meet as and when required but not less than once annually unless otherwise agreed between the members in which case, a 30 (thirty) days' notice must be given by the Party requesting such meeting.
- 8.6. All meetings shall be held in Cape Town, South Africa or such other place as unanimously agreed to by the members of the Technical Advisory Committee. Except in respect of meetings of the Technical Advisory Committee held in Cape Town, the Holder shall be responsible for all costs and expenses related to attendance by the Grantor and its representatives at such meetings.
- 8.7. The Grantor shall propose for the Holder's input, an Agenda for the meeting which Agenda takes into consideration inter alia the holder's work programme and other exploration right obligations. The aforesaid Agenda and the copies of all the necessary documentation and presentation materials shall be exchanged between the Parties not less than 7 (seven) days prior to the meeting. The Grantor shall not unreasonably deny any additional agenda items or agenda modifications proposed by the Holder if consistent with the Holder's work programme obligations.
- 8.8. Three members of the Technical. Advisory Committee shall form a quorum: Provided that at least one representative of the Grantor and one representative of the Holder are present.

8.9. Any member of the Technical Advisory Committee shall have the right to bring any expert or advisor to a meeting of the Technical Advisory Committee for the purpose of advising on any matter requiring an expert's advice.

8.10. The proceedings and processes of the Technical Advisory Committee are without prejudice to the rights and obligations of the Grantor or the Grantor Group or the Holder or the Holder Group and are not binding on the Holder.

#### 9. Cancellation or Suspension of the Exploration Right

- 9.1. It is recorded that in terms of Section 90 of the Act, the Minister is empowered to cancel or suspend this Exploration Right in the circumstances set out in and in accordance with the provisions of Section 47 of the Act.
- 9.2. Should this Exploration Right be cancelled or suspended in accordance with Section 90 of the Act, the Holder shall not be absolved from those obligations and liabilities that have accrued up to the date of such cancellation or suspension.
- 9.3. Any cancellation or suspension of this Exploration Right by the Grantor shall be without prejudice to the Grantor's other rights under this Exploration Right or the Applicable Laws and the Grantor reserves the right to claim damages, claim specific performance or claim any other alternative relief.

## 10. Relinquishment and Voluntary Abandonment of the Exploration Area

- 10.1. The Holder shall relinquish contiguous portions of the Exploration Area as set out in and in accordance with the attached **Annexure "C"**.
- 10.2. Subject to Clause 10.4, the Holder may, upon giving the Grantor not less than 180 (one hundred and eighty) days prior written notice, abandon this Exploration Right by relinquishing the entire Exploration Area to the Grantor.
- 10.3. Subject to Clause 10.4, the Holder may by giving the Grantor not less than 90 (ninety) days prior written notice relinquish any portion of the Exploration Area. Any portion of the Exploration Area relinquished by the Holder shall comply with the requirements set out in **Annexure "C"** and shall be accompanied by a sketch plan depicting the area remaining or still covered by the exploration right.
- 10.4. Any relinquishment in terms of Clauses 10.1 and 10.3 or abandonment in terms of Clause 10.2 shall not absolve the Holder of any cost, liability, obligation or expense incurred by the Holder in respect of this Exploration Right prior to the date of such abandonment or relinquishment and the Holder shall remain liable therefor.

- 10.5. From the date that the Holder has abandoned this Exploration Right or has relinquished a portion or portions of the Exploration Area, the Grantor shall be entitled to grant to any other person any of the rights and permits referred to in the Act in, on, or under the portion or portions so abandoned or relinquished.
- 10.6. Upon abandonment of this Exploration Right, the Holder shall within 3 (three) months furnish the Grantor with a copy of all the Required Data that has not been previously furnished to the Grantor, and all copies of the Existing Data or a certificate to the effect that all such copies have been destroyed.
- 10.7. Upon relinquishment of any portion of the Exploration Area, the Holder shall within 3 (three) months furnish the Grantor with a copy of all the Required Data that has not been previously furnished to the Grantor in respect of those portions of the Exploration Area that have been so relinquished The Holder shall thereafter be entitled to freely use, distribute or dispose of such Required Data in respect of the Exploration Area so abandoned or relinquished.
- 10.8. Upon the abandonment of this Exploration Right or any relinquishment, the Holder shall apply for a closure certificate in terms of Section 43 of the Act in respect of the abandoned or relinquished areas.

#### 11. Rights to Minerals and Petroleum

- 11.1. Except as provided for herein in respect of petroleum, this Exploration Right confers no rights to the Holder in respect of any mineral (as defined in the Act) discovered in the Exploration Area. Should the Holder discover any mineral during Exploration Operations, the Holder shall forthwith report such discovery to the Grantor who shall assume the ownership of the said discovery.
- 11.2. The Holder may thereafter, subject to any prior third party rights, apply for the right to explore, prospect for, produce and/or mine such mineral.

## 12. Examination of the Exploration Area

- 12.1. It is recorded that in terms of Sections 91 and 92 of the Act, the Minister or any person duly authorised by the Minister may enter upon the Exploration Area and conduct routine inspections and exercise such related powers as set out in the Act.
- 12.2. Upon request by the Grantor, in the event of Exploration Operations being conducted offshore, the Holder shall provide free transportation during normal business hours between the Holder's onshore base and the offshore facilities as well as free accommodation on the offshore facilities to the Minister or any person duly authorised by him or her.

## 13. Records and Samples

- 13.1. Without derogating from the Holder's responsibilities in terms of Section 88 of the Act read together with the Regulations, the Holder shall keep current and accurate records of all Acquired Data acquired during the Exploration Operations. Such Acquired Data shall be kept in such form as is reasonably required and approved by the Grantor.
- 13.2. Samples shall be taken by the Holder at regular intervals in accordance with the Applicable Laws and Good International Petroleum Industry Practices. The Holder shall, at its own cost, save and correctly label a representative portion of all Samples in such form as reasonably required and approved by the Grantor. A portion of Samples of any petroleum or other minerals of potential value recovered by the Holder during Exploration Operations shall be forwarded promptly to the Grantor at the Holder's expense. All Samples acquired by the Holder for its own purpose shall be made available for inspection by the Grantor at all reasonable times.
- 13.3. Prior to the Holder discarding any Samples, the Holder shall obtain the Grantor's written consent, which consent is to be provided or refused within 30 (thirty) days of the Grantor receiving a request from the Holder. Should the Grantor fail to respond to the Holder within 30 (thirty) days, the Grantor shall be deemed to have provided its consent. Should the Grantor refuse to consent, or otherwise require such Samples, the Holder shall, at its cost, deliver the Samples to the Grantor.
- 13.4. The Holder may export Existing Data, Acquired Data and Samples for processing or laboratory examination or analysis by the Holder or by third parties or for storage outside of the Republic of South Africa, provided that representative Samples (equivalent in quality) and copies of the Acquired Data (equivalent in quality) have first been delivered to the Grantor and provided further that the Grantor's prior written approval has been obtained by the Holder. Such approval shall not unreasonably be withheld or refused by the Grantor.
- 13.5. The Holder shall deliver to the Grantor, at the Holder's expense, digital and where appropriate, paper copies of all Acquired Data and representative Samples as soon as they are acquired or prepared. In this respect the Holder shall adhere to the Grantor's guidelines with regard to the form, substance and format for preparing and storing the Acquired Data and Samples.

#### 14. Reports

- 14.1. The Holder shall keep the Grantor advised of all material developments taking place during the course of Exploration Operations and shall furnish the Grantor with Required Data and such other reports and information as the Grantor may reasonably require.
- 14.2. Without derogating from the generality of Clause 14.1 or the Holder's reporting obligations in terms of Section 88 of the Act, within 21 (twenty one) days from the end of each Quarter and within 60 (sixty) days from the end of each Year, the Holder shall submit to the Grantor a written report reflecting, for the relevant Quarter or Year, respectively, the progress of Exploration Operations, including the summary of:

- 14.2.1. the numbers of local persons (classified by race and gender) and expatriate persons employed;
- 14.2.2. the work done and expenditure on Exploration Operations;
- 14.2.3. the site and depth of every well drilled or being drilled;
- 14.2.4. the formations penetrated and particulars regarding any occurrence of petroleum and/or any mineral of potential value encountered; and
- 14.2.5. a statement of compliance with the Environmental Authorisation.
- 14.3. The Grantor and Holder shall each own the Required Data in their possession, whether original or a copy, and after the termination, cancellation or abandonment of this Exploration Right, each Party may freely use, sell, distribute, trade, license or otherwise disclose or dispose of such data.
- 14.4. None of the terms of this Exploration Right shall be construed as requiring the Holder to disclose any of its or its Affiliates' proprietary technology or information or data licensed by the Holder or its Affiliates under obligations of confidentiality.
- 14.5. Within 3 (three) months from the termination and/or cancellation and/or abandonment of this Exploration Right, the Holder shall furnish the Grantor with a copy of all the Acquired Data not already in the possession of the Grantor and shall return all the Existing Data to the Grantor.

## 15. Annual Exploration Work Programme and Budget

- 15.1. Not later than 60 (sixty) days from the date of notarial execution, the Holder shall submit and present to the Grantor for approval an Annual Exploration Work Programme for the current Year. Thereafter, at least 90 (ninety) days prior to the commencement of each succeeding Year, the Holder shall submit and present to the Grantor for review and approval its proposed Annual Exploration Work Programme for the next Year or part thereof, as the case may be, in accordance with this Clause and such approval shall not be unreasonably withheld or delayed.
- 15.2. The proposed Annual Exploration Work Programme shall set forth the Exploration Operations, inclusive of the Minimum Work Obligations, to be carried out during the next Year or part thereof, as the case may be, together with a budget of the expected cost thereof. The Annual Exploration Work Programme shall be consistent with and be part and parcel of the Exploration Work Programme attached hereto as **Annexure** "B".
- 15.3. Within 30 (thirty) days from receipt of the proposed Annual Exploration Work Programme, the Grantor shall either, notify the Holder in writing of its approval of the proposed Annual

- Exploration Work Programme or, reject the same and propose amendments thereto specifying the reasons for such amendments.
- 15.4. Should the Grantor fail to respond with regard to the proposed Annual Exploration Work Programme within 30 (thirty) days from its receipt thereof, the proposed Annual Exploration Work Programme shall be deemed approved by the Grantor.
- 15.5. The Grantor may, within 10 (ten) days from its receipt of the proposed Annual Exploration Work Programme, request the Holder to supply such further information relating to the proposed Annual Exploration Work Programme as may be reasonably required by the Grantor for its review and approval thereof. The Holder, to the extent reasonably possible and practical, shall comply in writing with such request within 10 (ten) days from the date of receipt of such request from the Grantor.
- 15.6. If the Grantor proposes any amendments to the proposed Annual Exploration Work Programme as described above, the Parties shall meet within 15 (fifteen) days from the date on which the proposed amendments are notified to the Holder to discuss the proposed amendments The proposed amendments to the Annual Exploration Work Programme shall be consistent with the Exploration Work Programme.
- 15.7. Following review and consideration of any amendments proposed by the Grantor, the Holder shall within 15 (fifteen) days from the meeting required in terms of Clause 15.6 re-submit to the Grantor for approval a revised Annual Exploration Work Programme, and shall give effect to all amendments to the proposed Annual Exploration Work Programme reasonably requested by the Grantor.
- 15.8. Should any amendments to the Exploration Work Programme be required, such shall be subject to the provisions of Section 102 of the Act which requires the approval of the Minister.
- 15.9. Any dispute which cannot be resolved between the Parties with regard to the Annual Exploration Work Programme shall be resolved in accordance with Clause 37.

# 16. Discoveries and Testing

- 16.1. If a Discovery is made by the Holder in the Exploration Area, the Holder shall:
  - 16.1.1. promptly inform the Grantor by written notice of the fact that such Discovery has been made;
  - 16.1.2. cause tests to be made on such Discovery within a reasonable period of time consistent with Good International Petroleum Industry Practices in order to determine whether such Discovery is or could be a Commercial Discovery and is worthy of appraisal. Prior to testing each Discovery, the Holder shall give written notice to the Grantor of the tests the Holder intends to conduct and the Grantor shall

have the right to witness such tests. If such tests are being conducted offshore, then the Holder shall, free of charge, provide access, transportation to and from the offshore facilities, including reasonable accommodation facilities on the installation, for not more than 4 (four) of the Grantor's representatives who will witness the tests; and

- 16.1.3. within 120 (one hundred and twenty) days from having completed and received the results of tests under Clause 16.1.2, furnish the Grantor with a copy of the test results report containing a summary of the Holder's interpretation of such tests and Holder's conclusion as to whether or not such Discovery could be a Commercial Discovery and is worthy of appraisal (the Discovery Report').
- 16.2. All tests and measurements conducted by the Holder for the purpose of establishing the potential existence of a Commercial Discovery shall be carried out in accordance with Good International Petroleum Industry Practices.
- 16.3. If the Holder considers, after providing the Grantor with the Discovery Report that the Discovery could be commercial, then the Holder shall forthwith take such reasonable steps to appraise the Discovery and submit a proposed Appraisal Programme to the Grantor for its approval.
- 16.4. Within 30 (thirty) days from receipt of the proposed Appraisal Programme, the Grantor shall either notify the Holder in writing of its approval of the proposed Appraisal Programme or reject the same and propose amendments thereto specifying the reasons for such amendments.
- 16.5. Should the Grantor fail to respond to the proposed Appraisal Programme within 30 (thirty) days from its receipt thereof, the proposed Appraisal Programme shall be deemed approved by the Grantor.
- 16.6. The Grantor may, within 10 (ten) days from its receipt of the proposed Appraisal Programme, request the Holder to supply such further information relating to the proposed Appraisal Programme as may be reasonably required by the Grantor for its review and approval thereof. The Holder, to the extent reasonably possible and practical, shall comply in writing with such request within 10 (ten) days from the date of receipt of such request from the Grantor.
- 16.7. If the Grantor proposes any amendments to the proposed Appraisal Programme as described above, the Parties shall meet within 15 (fifteen) days from the date on which the proposed amendments are notified to the Holder to discuss the proposed amendments. The proposed amendments to the Appraisal Programme shall be consistent with the objectives of appraising the discovery.
- 16.8. Following review and consideration of any amendments proposed by the Grantor, the Holder shall within 15 (fifteen) days from the meeting required in terms of Clause 16.7, re-submit to

- the Grantor for approval a revised Appraisal Programme to give effect to all amendments to the proposed Appraisal Programme reasonably requested by the Grantor.
- 16.9. Any dispute which cannot otherwise be resolved between the Parties with regard to the Appraisal Programme shall be resolved between the Parties in accordance with Clause 37.
- 16.10. In the event that operational imperatives (including the immediate availability of a seismic vessel or drilling rig) require such approval to the Appraisal Programme in a shorter timeframe than specified in Clauses 16.4 to 16.8, then the Parties shall use all of their reasonable commercial efforts to complete the approval process in accordance with the aforesaid procedures within a shorter timeframe.
- 16.11. Within 180 (one hundred eighty) days from the completion of such Appraisal Operations, or such further period as agreed between the Parties in writing, the Holder shall deliver to the Grantor (a) a full report containing particulars of the results of such Appraisal Operations, including particulars and preliminary estimates relating to the location and depth of petroleum bearing structures, the composition of petroleum, the estimated recoverable reserves of petroleum, and the estimated daily production potential of petroleum, (b) a declaration by the Holder as to whether or not the Discovery is a Commercial Discovery, and (c) an election by the Holder as to whether or not the Holder intends to develop such Discovery (the 'Appraisal Report').
- 16.12. If the Holder notifies the Grantor in the Appraisal Report that the Discovery is a Commercial Discovery, then within 365 (three hundred and sixty-five) days from the date of receipt of the Appraisal Report by the Grantor, the Holder shall submit a proposed Development Plan for such Discovery to the Grantor for its approval.
- 16.13. Within 60 (sixty) days from receipt of the proposed Development Plan, the Grantor shall either notify the Holder in writing of its approval of the proposed Development Plan or reject the same and propose amendments thereto specifying the reasons for such amendments
- 16.14. Should the Grantor fail to so act on the proposed Development Plan within 60 (sixty) days from its receipt thereof, the proposed Development Plan shall be deemed approved by the Grantor.
- 16.15. The Grantor may, within 20 (twenty) days from its receipt of the proposed Development Plan, request the Holder to supply such further information relating to the proposed Development Plan as may be reasonably required by the Grantor for review and approval thereof. The Holder, to the extent reasonably possible and practical, shall comply in writing with such request within 20 (twenty) days from the date of receipt of such request from the Grantor.
- 16.16. If the Grantor proposes any amendments to the proposed Development Plan as described above, the Parties shall meet within 30 (thirty) days from the date on which the proposed amendments are notified to the Holder to discuss the proposed amendments.

- 16.17. Following review and consideration of any amendments proposed by the Grantor, the Holder shall within 30 (thirty) days from the meeting required in terms of Clause 16 16 (or such longer period as agreed between the Parties), re-submit to the Grantor for approval a revised Development Plan to give effect to all amendments to the proposed Development Plan reasonably requested by the Grantor.
- 16.18. Should any amendments to the Exploration Work Programme be required, such shall be subject to the provisions of Section 102 of the Act which requires the approval of the Minister.
- 16.19. Any dispute which cannot otherwise be resolved between the Parties with regard to the Development Plan shall be resolved in accordance with Clause 37.

## 17. Manner of Conducting Exploration Operations

- 17.1. Without derogating from the provisions of the Applicable Laws and Environmental Authorisation, the Holder shall:
  - 17.1.1. execute all Exploration Operations in a proper and workmanlike manner in accordance with Good International Petroleum Industry Practices and, without prejudice to the generality of the foregoing, the Holder shall take all reasonable and practical steps in order to prevent:
    - 17.1.1.1. the escape or waste of petroleum discovered in the Exploration Area:
    - 17.1.1.2. damage to petroleum-bearing strata;
    - 17.1.1.3. the entrance of uncontrolled water through wells to petroleum-bearing strata;
    - 17.1.1.4. the escape of petroleum into any waters or aquifer in the vicinity of the Exploration Area; and
    - 17.1.1.5. pollution of the terrestrial or marine environment.
  - 17.1.2. promptly inform the Grantor and all other relevant Government departments of the occurrence of any event described in Clauses 17.1.1 to 17.1.5 inclusive;
  - 17.1.3. take all actions required under the Environmental Authorisation and all Applicable Laws with respect to any of the incidents referred to Clauses 17.1.1 to 17.1.5 inclusive;
  - 17.1.4. promptly notify, upon the completion of any operation or activity within the Exploration Area, the Grantor and all relevant Government departments of any obstruction, including the location, nature and extent thereof, that remains in the Exploration Area;

17.1.5. not flare any petroleum without the Grantor's prior written approval; and

17.1.6. promptly give notices to relevant Government departments, including interested and affected parties, with regard to all Exploration Operations which may be reasonably expected to interfere with the rights of other users of the Exploration Area and shall take all reasonable steps to minimise interference with the rights of other users.

# 18. Existing Data

- 18.1. It is recorded that, at the date of notarial execution of this Exploration Right, no Existing Data has been made available to the Holder.
- 18.2. Any Existing Data or information relating to the Exploration Area that the Grantor has made available or which the Grantor acquires independent of the Holder will be made available for inspection, copying and use by the Holder; provided that the Holder shall pay the Grantor for the costs incurred in copying and preparing such data or information. Should such further data or information be provided to the Holder, such data and information shall be deemed to form part of the Existing Data and **Annexure "E"** will be amended accordingly.
- 18.3. Upon terms and conditions to be agreed, the Grantor may assist the Holder in resolving technical problems relating to the Existing Data. Such assistance shall not include interpretation of the Existing Data.
- 18.4. Ownership in all Existing Data vests in the Grantor and is of considerable commercial value to the Grantor. On expiry, cancellation, termination or abandonment of this Exploration Right or relinquishment of the exploration area, all Existing Data in the Holder's possession, shall forthwith, at the Holder's cost, be returned to the Grantor. Alternatively the Holder shall submit to the Grantor a certificate to the effect that all such copies have been destroyed
- 18.5. While every effort has been made to verify the quality and accuracy of the Existing Data, the Grantor Group shall not be liable for any error or inaccuracy contained within the Existing Data or any damages of whatsoever nature suffered by the Holder arising from any such error or inaccuracy in the Existing Data.

## 19. Environmental Protection and Financial Provision

- 19.1. The Holder shall conduct all Exploration Operations in accordance with the approved Environmental Authorisation, record of decisions and addendums thereto and in a manner that facilitates the protection and conservation of the natural resources of the Republic of South Africa and of the environment in general.
- 19.2. The financial provision made available by the applicant herein in terms of the Holder Financial Guarantee satisfies the requirements as required by Section 24P of the National

Environmental Management Act, 107 of 1998 and must annually be assessed and if necessary adjusted to the satisfaction of the Minister.

#### 20. Social and Labour Matters

- 20.1. Without derogating from the Holder's responsibilities in terms of the Applicable Laws including Section 2(d) and Section 2(f) of the Act, the Holder undertakes:
  - 20.1.1. within two (2) years from Execution Date, to find a suitable additional holder who is a Historically Disadvantaged South African, and that is technically, legally and financially qualified to hold a Participating Interest. Such additional holder shall be entitled to receive a Participating Interest up to but not greater than 10% (ten per cent), and shall acquire any such interest at a fair market value price. The Historically Disadvantaged South African, upon taking up such Participating Interest, shall become a party to the relevant joint operating agreement and shall be responsible for its Participating Interest share of the Holder's financial and other obligations hereunder. The applicable joint operating agreement may, subject to the Grantor approving the inclusion of the relevant provision, require that a Historically Disadvantaged South African may only transfer its Participating Interest to another Historically Disadvantaged South African. Notwithstanding the provisions hereof, if the Holder demonstrates that, despite making a sincere attempt to do so, the Holder is unable to comply with the requirement to find a suitable HDSA partner, the Holder shall be permitted to make an application in terms of section 102 of the Act to extend the time period in which the Holder is required to find a suitable HDSA partner by a further two (2) years. Should the Holder make an application for amendment in terms of section 102 as contemplated in this clause, notwithstanding the failure of the Holder to comply with the provisions of this clause 20.1.1., the Holder shall not be in breach of its obligations under this Exploration Right unless and until such time as the section 102 application has been refused.
  - 20.1.2. to employ Historically Disadvantaged South Africans having appropriate qualifications and experience, and or alternatively implement a programme for the future recruitment of such, taking into account the Holder's operational requirements under this Exploration Right;
  - 20.1.3. to implement programmes for the training and skills development of Historically Disadvantaged South Africans:
  - 20.1.4. to give preference, in procuring for purposes of use in the exploration operations, the equipment, machinery, materials, instruments, supplies and accessories (all referred to collectively as 'Goods') manufactured or produced by Historically Disadvantaged South Africans, provided that such Goods are competitive with like

goods manufactured or produced or available outside the Republic of South Africa in respect of cost, quantity and quality and that such Goods can be made available at the time when and the place where required by the Holder;

- 20.1.5. to use contractors and/or sub-contractors who are Historically Disadvantaged South Africans and whose services and standards are competitive with those available outside the Republic of South Africa in terms of price, quality, expertise, and: Provided further that such services can be performed at the place and within the time required by the Holder; and
- 20.1.6. to pay the amounts set out and specified in the attached Annexure "D" to the Upstream Training Trust, to be used by the Trust for the training, education, and obtaining of practical experience for Historically Disadvantaged South Africans and other South Africans in the manner determined by the trustees.
- 20.2. The Holder shall propose a field training programme for graduates who have the appropriate qualifications, to be approved by the Agency, which shall include, but not be limited to the following aspects of oil and gas exploration and production:
  - (i) Geophysical and/or geological data acquisition, processing and interpretation;
  - (ii) Exploration methods;
  - (iii) Drilling and well completions; and
  - (iv) Field development and production.

#### 21. Tax

- 21.1. The Holder's tax obligations and benefits shall be as provided for in the Income Tax Act and other Applicable Laws of the Republic of South Africa.
- 21.2. Except to the extent exempted or as directed otherwise, the Holder shall for the duration of this Exploration Right be liable for income tax payments to the State on the annual taxable income derived by it from the sale of Petroleum (referred to in the Income Tax Act as "natural oil") or any other product of Exploration Operations in accordance with the provisions of the Income Tax Act, including any amendments and regulations issued pursuant thereto.

## 22. Financial Records and Audits

22.1. Without derogating from the Holder's responsibilities under the Applicable Laws, the Holder shall keep in the Republic of South Africa financial records and accounts of all transactions pertaining to this Exploration Right, in accordance with generally accepted accounting practices as applicable in the Republic of South Africa. 22.2. At the Grantor's request, such financial records and accounts or copies thereof shall be promptly provided to the Grantor. The Grantor or its duly appointed representative shall, at Grantor's own cost, have the right to audit the Holder's financial records and accounts relating to transactions for any year within 3 (three) years after the close of such year. The Holder's financial records and accounts shall be conclusively presumed true and correct unless the Grantor takes written exception to specific costs within the 3 (three) year period.

#### 23. Customs duties

Without derogating from the provisions of Clause 29.1, and except to the extent exempted or as directed otherwise, in respect of all goods imported into the Republic of South Africa for purposes of conducting Exploration Operations, the Holder shall comply with the provisions of the Customs and Excise Act, 1964 (Act No. 91 of 1964), including any regulations issued pursuant thereto.

## 24. Exchange Control

Without derogating from the provisions of Clause 29.1 and except to the extent exempted or as directed otherwise, the Holder undertakes to comply with the provisions of the Currency and Exchanges Act, 1933 (Act No. 9 of 1933), including any regulations issued pursuant thereto.

#### 25. Indemnity and insurance

- 25.1. The Holder shall for the duration of this Exploration Right take all the necessary and reasonable steps to conduct the Exploration Operations in a manner that safeguards and protects persons from injury or death and prevents damage or destruction of property and the environment.
- 25.2. The Holder hereby undertakes to defend, hold harmless and indemnify the Grantor Group from and against any and all claims, costs, charges, liabilities and expenses, including reasonable legal costs (hereinafter referred to as 'Claims'), that may be instituted against or suffered by any member of the Grantor Group as a result of injury or death to any person or damage or destruction to any property and/or the environment arising from the negligent and/or unlawful acts and/or omissions of the Holder Group.
- 25.3. Notwithstanding the foregoing, under no circumstances shall the Holder, or their Affiliates be liable to the Grantor Group or any third party, for consequential or indirect damages, losses, expenses or liabilities, loss of profit, loss of production, reservoir or formation damage or other losses whether or not similar to the foregoing and howsoever arising.
- 25.4. The Holder shall within 10 (ten) days from the date of notarial execution obtain and maintain sufficient insurance during the term of this Exploration Right to address the risks related to

Exploration Operations and support the indemnities given by the Holder under this Exploration Right. Without derogating from the Holder's responsibilities, the Holder, with the prior written approval of the Grantor, may implement a policy of self-insurance in respect of certain risks related to Exploration Operations. Without derogating from the generality of the foregoing such insurance shall specifically provide for:

- 25.4.1. all risks in respect of any property or equipment used in connection with Exploration Operations;
- 25.4.2. pollution liability;
- 25.4.3. third-party liability and public liability:
- 25.4.4. removal of wrecks and cleaning-up operations pursuant to an accident in the course of or as a result of Exploration Operations;
- 25.4.5. the Holder's liability to its contractors, employees, consultants and agents engaged in Exploration Operations; and
- 25.4.6. any other risk of whatever nature as is customary to insure against in the international petroleum industry or in accordance with the Good International Petroleum Industry Practices.
- 25.5. Without derogating from the Holder's responsibilities in terms of the Applicable Laws or this Exploration Right, the amounts, type and terms of the insurance referred to in Clause 25.4 above shall be determined in consultation with the Grantor.
- 25.6. The obligations of the Holder Parties under this Exploration Right, including any obligations and liability under this Clause 25 and under Clause 21 shall be several and not joint and several. Each Holder Party shall be liable for their respective share of all such obligations and liabilities based on their respective Participating Interest.
- 25.7. Subject to the Applicable Laws, the Grantor hereby undertakes to defend, hold harmless and indemnify the Holder Group from and against any and all Claims, that may be instituted against or suffered by any member of the Holder Group as a result of injury or death to any person or damage or destruction to any property and/or the environment arising from the negligent and/or unlawful refusal by the Grantor to permit the Holder to adequately respond to the situation in question.

#### 26. Health and Safety

26.1. The Holder undertakes while conducting Exploration Operations to comply with the Applicable Laws in respect of all health and safety matters; and

26.2. Where any emergency or incident arising from Exploration Operations causes or has the potential to cause death and/or injury to persons or damage to and/or destruction of property and/or the environment, the Holder shall in consultation with the responsible Government departments take such action as may be prescribed under the Applicable Laws or where not prescribed take such prudent and necessary action in accordance with the Good International Petroleum Industry Practices.

## 27. Confidentiality and Public Announcements

- 27.1. The Acquired Data and the Existing Data together with all programmes, tests, analyses, results, books, statements, records, returns, plans, information and correspondence between the Parties which the Holder is or may from time to time be required to furnish under the provisions of this Exploration Right (hereinafter collectively referred to as 'Confidential Information') shall be treated as confidential by the Holder and shall not be disclosed by the Holder to any person without the prior written consent of the Grantor, except that the Grantors consent shall not be required in the following circumstances:
  - 27.1.1. where the Holder is required by law, regulation, decree, rule or order applicable to the Holder or its Affiliates to disclose such Confidential Information;
  - 27.1.2. where the Holder discloses Confidential Information to any Affiliate of any Holder Party: Provided that such Holder Party informs its Affiliates of the confidential nature of information so disclosed and guarantees the adherence of such Affiliates to the confidentiality restrictions as set out in this Clause;
  - 27.1.3. to the extent that such Confidential Information has to be produced at legal or arbitral proceedings or because an order from a court or arbitral panel of competent jurisdiction has compelled the production of such Confidential Information;
  - 27.1.4. where the Holder discloses Confidential information to prospective or actual contractors, consultants, advisors, and attorneys employed by any Holder Party or its Affiliates where disclosure of such Confidential Information is essential to such person's services for such Holder Party: Provided that, prior to disclosure, such contractor, consultant, advisor, lender, and attorney provides the Holder Party with a written undertaking of confidentiality that is not less restrictive than the confidentiality restrictions set out in this Clause, provided that in the case of an attorney, compliance with professional obligations of confidence shall be sufficient to represent compliance with this clause 27.1.4;
  - 27.1.5. where the Holder discloses Confidential Information to a bank or other financial institution to the extent appropriate to Holder arranging for funding: Provided that, prior to disclosure, such person provides the Holder Party with a written undertaking

of confidentiality that is not less restrictive than the confidentiality restrictions set out in this Clause;

- 27.1.6. to the extent that such Confidential Information must be disclosed pursuant to any rules or requirements of any recognised stock exchange on which the securities of any Holder Party or its Affiliates are or are to be listed;
- 27.1.7. where the Holder discloses Confidential Information to a bona fide prospective assignee or assignees to whom the Holder's or any of the Holder Party's rights and obligations under this Exploration Right are proposed to be assigned;
- 27.1.8. to the extent that any Confidential Information, through no fault of the Holder, has become or becomes part of public domain; or
- 27.1.9. where the Holder discloses Confidential Information as part of an exchange with third parties for the geological, geophysical, geochemical and any other technical or scientific data, reports and information (either raw, processed or interpreted) pertaining to their petroleum operations in respect of other acreage within the Republic and subject to their execution of suitable confidentiality arrangements. In this event the Grantor shall be apprised of the extent of the proposed exchange.
- 27.2. Except as may be required by laws, rules, regulations or decrees (including that of a stock exchange) applicable to the Holder or its Affiliates, the Holder shall make no public announcement with regard to this Exploration Right or any matter related thereto, unless the Holder has furnished the Grantor with a copy of the intended public announcement and the Grantor has given its prior written approval, which approval shall not be unreasonably withheld or delayed.
- 27.3. If the Grantor desires to issue any press release, media statement, or interview on any petroleum Discovery, estimated petroleum reserves, and/or any well drilling operations, tests, and/or results relating to the Exploration Operations hereunder, the Grantor shall give written notice thereof to the Holder at least three (3) days in advance to enable the Holder to comply with disclosure rules and requirements imposed on any Holder Party or its Affiliates by the laws, regulations or rules of the relevant countries in which such Holder Party is incorporated or doing business or in which the securities of such Holder Party or its Affiliates are or are to be listed or traded.
- 27.4. When a public announcement or statement becomes required by law or necessary or desirable because of impending danger to or loss of life, damage to property or pollution as a result of Operations, either Party is authorised to issue and make such announcement or statement without prior notice or prior approval of the other Party where such prior notice and approval is impractical. In such a case the Party making the announcement or statement shall promptly furnish the other Party with a copy of such announcement or statement.

## 28. Cession and Sub-contracting

28.1. It is recorded that this Exploration Right may not be ceded, transferred, let, sub-let, assigned, alienated or otherwise disposed of without the written consent of the Minister in terms of Section 11 of the Act.

28.2. The Holder may from time to time appoint one or more independent sub-contractors to carry out any portion of the Annual Exploration Work Programme and/or Exploration Work Programme, provided that the Holder shall always remain liable to the Grantor for the compliance with and observance of its obligations in terms of this Exploration Right.

## 29. Law and Interpretation

- 29.1. The Holder shall comply with all Applicable Laws.
- 29.2. Without derogating from the provisions of Section 4 of the Act, this Exploration Right shall be governed, construed and interpreted in accordance with the laws of the Republic of South Africa.
- 29.3. It is recorded that the Grantor and the Holder are not partners nor is it the intention of the Parties to create a partnership and that Exploration Operations to be carried out in terms of this Exploration Right are at the sole cost, risk and expense of the Holder.

# 30. Obligations of the Grantor

- 30.1. If, at any time or from time to time from the should be any change enacted or prescribed to any national legislation and/or regulations affecting petroleum exploration or production ("legislative changes") which in any way materially limits and/or directly or indirectly adversely affects any rights hereby granted to the Holder, then the Parties shall consult with each other and conduct negotiations in the utmost good faith to agree on an equitable arrangement to take account of the impact of such changes, and failing agreement either party shall be entitled to refer the matter to arbitration as provided for herein.
- 30.2. Terms relating to fiscal stability, will be established through contracts between the Holder and the Minister of Finance as provided for in the Income Tax Act and the Mineral and Petroleum Resources Royalty (Act No. 28 of 2008).

## 31. State Option

31.1. Subject always to the obligations of the Grantor contained in Clause 30, the State has the option, within 90 (ninety) days from the date of notarial execution of a Production Right, or in the event that the Holder exercises its option under clause 35.1. within 90 (ninety) Days after the expiry of the Gas Market Development Period, to acquire a percentage of the

Participating Interest ("State Option") in accordance with the provisions of the Applicable Laws prevailing at the time of the granting of a Production Right governing State Option requirements.

- 31.2. Should the State elect to exercise such State Option it must notify the Holder in writing, within 90 (ninety) days of notarial execution of a Production Right or in the event the Holder exercises its option under Clause 35.1.1, within 90 (ninety) Days after the expiry of the Gas Market Development Period:
  - 31.2.1. that it has elected to exercise the State Option: and
  - 31.2.2. of the percentage of the Participating Interest, up to a maximum allowed in accordance with the provisions of the Applicable Laws prevailing at the time of the granting of a Production Right governing State Option requirements, that it has elected to acquire
- 31.3. Upon the exercise of the State Option in the manner contemplated in Clause 31.2, the State shall become a member of the Holder Group to the extent of its Participating Interest and the State shall also become a party to any joint operating agreement relating to the Production Right. The State shall pay its Participating Interest share of all costs and expenses in relation to the approved production work programme in respect of the production area, excluding any costs and expenses related to any previous and/or further Exploration or Appraisal Operations conducted within the production area.
- 31.4. The State shall have the right at any time, on giving written notice to the Holder, to assign all or any part of its Participating Interest to any technically and- financially competent third party. Such assignment by the State will not require the consent of the Holder or any Holder Party. The assignment shall only become effective after the assignee consents to and executes the joint operating agreement applicable to this Exploration Right and/or any Production Right. The terms of such joint operating agreement shall neither limit the State in the exercise of any of its rights and obligations as Grantor nor impose additional obligations on the State in its capacity as Grantor merely because the State is also member of the Holder Group.
- 31.5. Notwithstanding the foregoing provisions of this Clause 31, if the Holder has divested part of its Participating Interest prior to the exercise by the State of the State Option, then the percentage Participating Interest to be acquired by the State under the State Option shall be divided pro-rata among all of the Holder(s) of a Participating Interest and the foregoing provisions of this Clause 31 shall apply pari passu with respect thereto.

#### 32. Vis Major

- 32.1. Any act, cause, thing or event outside the control of the Parties, including acts of God, war, insurrection, civil commotion, blockade, strikes, flood, storm, lightning, fire or earthquake which prevents any of the Parties from fulfilling its obligations under this Exploration Right shall be regarded as a *vis major* event and any such failure on the part of any of the Parties as a consequence of the *vis major* event shall not constitute a breach hereof.
- 32.2. Financial inability, ordinary hardship and inconvenience on the part of the Holder, howsoever caused or arising, shall not be regarded as a *vis major* event.
- 32.3. If the Holder by reason of a *vis major* event as contemplated in Clause 32.1 is prevented from fulfilling its obligations or enjoying its rights under this Exploration Right, the Holder shall in writing promptly notify the Grantor thereof and the Holder shall take all reasonable steps to investigate and remove the cause thereof. The Holder shall promptly notify the Grantor in writing as soon as the *vis major event* ends and the Holder shall as soon as is reasonably practicable thereafter resume the Exploration Work Programme.
- 32.4. Upon the Holder notifying the Grantor of the end of the *vis major*, the duration of this Exploration Right shall automatically be extended for the equivalent period of time that the Holder was prevented from fulfilling its obligations or enjoying its rights under this Exploration Right by reason of such *vis major*. The Holder's notice of the end of the *vis major* must declare the Holder's intention to resume the Exploration Work Programme and state the length of the extension time. Such extension period shall be calculated from the date that the Holder first notified the Grantor in writing of the *vis major* event until the date that the *vis major* event has ended.
- 32.5. In the event of the automatic extension envisaged in clause 32.4 above, the Holder shall present the original copy of this Exploration Right for an endorsement reflecting such extension and the Grantor shall make the same endorsement on the office copy.

#### 33. Amendments

- 33.1. It is recorded that in terms of Section 102 of the Act, this Exploration Right may not be amended or varied without the written consent of the Director General (being the delegate of the Minister).
- 33.2. The aforesaid amendment or variation shall be in writing and effective once the aforesaid consent has been given.

#### 34. Unitisation

34.1. In the event that the rights held by the holders under two or more exploration rights and/or mining leases and/or production rights and/or prospecting leases or sub-leases extend over different areas which geologically form part of the same petroleum-bearing area within the

Republic of South Africa, the Grantor may by notice in writing require the holders of such rights to prepare a proposal for the production of that petroleum-bearing area as a unit. Such proposal shall be submitted to the Grantor within the period specified in the said notice which shall not be less than 180 (one hundred and eighty) days.

- 34.2. The unitisation proposal referred to in Clause 34.1 shall maximise the exploration and/or production for the benefit of all holders of interests in the unitised area.
- 34.3. The Grantor may, if no unitisation proposal is submitted, or if the Grantor is not satisfied with the unitisation proposal submitted in terms of Clause 34.2, the matter shall be referred to [a committee of up to three independent experts selected by the Grantor, the Holder and the holders of any other rights subject to a unitization proposal in accordance with this clause 34.
- 34.4. The parties shall submit materials to the independent Expert within 30 (thirty) days of appointment and the Expert shall render a decision within 90 (ninety) days of appointment based on the following principles:
  - 34.4.1. all relevant technical data and production experience should be used in any equity determination/redetermination;
  - 34.4.2. the equity determination/redetermination process should require an initial tract participation, one equity determination and at least one equity redetermination, subject to the unanimous agreement of the unit participants not to pursue a scheduled redetermination; and
  - 34.4.3. equity parameters should be developed on a fair and equitable basis, consistent with sound engineering, technical, and economic principles and Good International Petroleum Industry Practices.
- 34.5. The decision of the independent Expert shall be binding on the parties.

#### 35. Special Provisions Relating to Gas Discovery

35.1. If the Holder discovers petroleum, the economic development of which the Holder believes can only be accomplished if Gas produced as the primary or secondary product is sold commercially, then the Holder shall have the option, exercisable upon written notice to the Grantor at the time that the Holder makes an application to the Grantor for a production right, to have the production right suspended for a period of up to 5 (five) years (hereinafter referred to as the "Gas Market Development Period") commencing from the date of notarial execution of the Production Right during which period the Holder shall conduct studies to determine whether the Gas can be commercially produced. In such circumstances, the Development

Plan and proposed production programme submitted in support of the application for the Production Right shall be deemed to be preliminary

- 35.2. Not less than 90 (ninety) days prior to the expiry of the Gas Market Development Period the Holder shall advise the Grantor in writing either that:
  - 35.2.1. the Gas can be commercially developed and produced, in which case the Holder shall proceed with implementation of the Development Plan and proposed production programme, duly amended if necessary; or
  - 35.2.2. the Gas cannot be commercially developed and produced, in which case the Holder shall be deemed to have abandoned the Production Right with effect from 90 (ninety) days after Grantor has been; and
  - 35.2.3. failure to give notice in the timely manner shall be construed as notice that the Gas cannot be developed and produced commercially.
- 35.3. The grant of any extension to the Gas Market Development Period shall be at the sole discretion of Grantor.
- 35.4. The activities envisaged to be relevant during a Gas Market Development Period do not include Exploration Operations.

#### 36. Waiver or Lenience

Any failure by either the Grantor or the Holder to exercise any of the rights that they have whether in terms of this Exploration Right, the Act or the Regulations, or any lenience granted by them In terms thereof shall not constitute a waiver of such rights or a variation to the terms and conditions of this Exploration Right.

#### 37. Dispute Resolution

- 37.1. Should any difference or dispute arise between the Parties to this Exploration Right concerning;
  - 37.1.1. the conclusion, interpretation, application and execution of this Exploration Right;
  - 37.1.2. the authority of any signatory to the Exploration Right to conclude the Exploration Right on behalf of the party that he or she purports to represent;
  - 37.1.3. any alleged breach or repudiation of the Exploration Right;
  - 37.1.4. whether the Exploration Right is void or voidable at the instance of any Party;
  - 37.1.5. any rectification of the Exploration Right, and/or;

37.1.6. any other matter arising from this Exploration Right,

(each, a "Dispute"), then either Party shall be entitled to deliver to the other a written notice recording the existence and, in brief, the nature of the Dispute ("the Dispute Notice"). The Dispute shall be deemed to have arisen on the date when a Dispute Notice is delivered to either Party. The Parties shall make every reasonable effort to resolve the Dispute on its merits by negotiation in good faith and shall, for that purpose, attend at least one meeting with each other. Such negotiations shall take place within 21 (twenty one) days of the Dispute arising, unless the Parties otherwise agree in writing, and shall endure for no longer than 7 (seven) days from the date of commencement thereof or such extended period as the Parties may agree in writing.

- 37.2. If the Parties are unable to resolve the Dispute despite compliance with Clause 37.1, then the Dispute may at the instance of either Party be referred to and fully, finally and exclusively settled by arbitration, in terms of the provisions hereof.
- 37.3. The proceedings, records and the award of the arbitration shall be in the English language. The venue for and seat of the arbitration shall be Cape Town, Republic of South Africa or such other place in the Republic of South Africa as may be agreed between the Parties. The Parties hereby waive irrevocably their right to institute any form of appeal, review or recourse to any court of competent jurisdiction insofar as such waiver may be validly made.
- 37.4. Notwithstanding the referral of such Dispute to arbitration, the Parties shall, to the extent possible, proceed with the carrying out of their respective obligations under this Exploration Right, unless such obligations are directly in dispute, provided that the foregoing undertaking shall be without prejudice to other rights and remedies available to either Party at law or in equity.
- 37.5. The provisions of this Clause 37 shall survive the termination of this Exploration Right.
- 37.6. The arbitration shall commence by a written notice ("the Arbitration Notice") to that effect delivered by the Party demanding the arbitration ("the Plaintiff) to the other ("the Respondent"). No Arbitration Notice shall be delivered after the lapse of 90 (ninety) days after the terminations of any negotiations set out in Clause 37.1 above. Any Dispute, if not resolved and not thereafter made subject to arbitration, may at any time be raised again, commencing with the procedure set out in Clause 37.1 above. In the Arbitration Notice, the Plaintiff shall set out,
  - 37.6.1. a short summary of the nature of the Dispute;
  - 37.6.2. the relief claimed by the Plaintiff;

- 37.6.3. the identity and curriculum vitae of an independent arbitrator proposed by the Plaintiff.
- 37.7. Within 21 (twenty one) days after delivery of the Arbitration Notice, the Respondent shall deliver a written reply to the Plaintiff setting out the identity and particulars of an independent arbitrator proposed by it. If the Respondent shall not deliver such reply, the Plaintiff shall nevertheless be entitled to proceed with the arbitration as set out herein.
- 37.8. There shall be 3 (three) arbitrators, appointed as set out herein, and all decisions, rulings and/or awards of the arbitrators shall be by majority decision amongst them. No person who has any pecuniary or any other interest, directly or indirectly, in either of the Parties, shall serve as arbitrator.
- 37.9. The third arbitrator (or the second and third arbitrators if the Respondent shall not have delivered a reply as provided for in Clause 37.7), shall be appointed by the Secretariat of the ICC International Court of Arbitration (or its successor in title).
- 37.10. The arbitrators shall determine the practical measures necessary to conduct the arbitration and shall issue directives in that regard to the Parties and/or their representatives, from time to time, as may be required. The arbitrators shall be entitled to award costs against any party on any scale as otherwise provided for in the Rules of the High Court of the Republic of South Africa and shall, in the case of any disagreement between the Parties about the amount of such costs, be entitled to retain the services of an independent legal costs consultant to determine the amount of any such costs. The costs, fees and charges of the arbitrators shall be borne by the Parties in equal proportion and shall be payable by them on presentation of invoices in that regard. Any order as to costs which may be made by the arbitrators shall operate as between the Parties only and shall not affect their obligation to the arbitrators as set out herein.
- 37.11. Save as set out above and as may be otherwise agreed between the parties, the proceedings shall be conducted subject to and in accordance with the rules of the Arbitration Foundation of Southern Africa ("AFSA").

#### 38. Costs and Value Added Tax

- 38.1. All taxes, levies, stamp duties, transfer costs, transfer duties and registration costs arising directly or indirectly out of or related to this Exploration Right shall be for the account of and promptly paid by the Holder.
- 38.2. All amounts due and payable by the Holder in terms of this Exploration Right, the Act and Regulations are exclusive of statutory value added tax. Statutory value added tax at the prevailing rate in accordance with the Value Added Tax Act (Act No. 89 of 1991), except as

provided for by the terms of that Act, shall be added to all applicable amounts due and payable by the

Holder.

39. **Entire Agreement** 

Subject to the Act, the Regulations, Applicable Laws, this Exploration Right and the Annexures attached

hereto (those Annexures being and forming an integral part of this Exploration Right) contain the entire and

sole agreement between the parties and supersede all prior negotiations, representations, understandings,

agreements and communications of whatsoever nature between the Parties with respect to such Exploration

Area, whether oral or written, express or implied.

40. Severability

Any provision within this Exploration Right which is not enforceable or which contravenes the Applicable Laws

of the Republic of South Africa shall be severed from this Exploration Right and be of no force or effect without

prejudice to the other provisions of this Exploration Right which shall remain in force and effect

Domicilia Citandi et Executandi 41.

> 41.1. All notices, requests and reports provided for herein shall be in writing and shall be delivered either by hand

to an authorised representative of the receiving Party, or sent by courier or telefax to the addresses below in

the Republic of South Africa: Provided that if given by telefax a copy thereof shall then be sent immediately

by prepaid registered mail:

If to the Grantor:

Minister of Mineral Resources

Physical address:

Postal address:

Trevenna Campus

Cnr Meintjes & Schoeman Streets **PRETORIA** 

0001

Tel number +27 (0)12 444 3000

Private Bag X59 **ARCADIA PRETORIA** 

Fax number: +27 (0)12 444 3145

And copy to the Agency:

South African Agency for the Promotion of Petroleum Exploration and Exploitation (Proprietary)

Limited

Attention: Chief Executive Officer

Physical address: Postal address:

7 Mispel Street P. O. Box 5111
BELLVILLE TYGERVALLEY
7530 7536
Western Cape

Tel number +27 (0)21 938 3500 Fax number: +27 (0)21 938 3553

If to the Holder:

Physical address: Postal address:

151 Kingston Road151 Kingston RoadOxford, OX2, 6RPOxford, OX2, 6RPUnited KingdomUnited Kingdom

Tel number +44 01865516910

- 41.2. Each Party, including the Agency, may change its address to a different address in the Republic: Provided that it gives the other Parties at least 15 (fifteen) days prior notice.
- 41.3. All notices, requests and reports sent by prepaid registered post shall be deemed received by addressee within five (5) days of dispatch and all notices, requests and reports sent by telefax during ordinary business hours shall be deemed to have been received within 12 (twelve) hours of transmission or if transmitted outside ordinary business hours, then on the next business day. Those delivered by hand or sent by courier shall be deemed to have been received at the time of actual delivery.
- 41.4. Each Party also chooses the physical address specified above as its *domicilium citandi et executandi* for all purposes under this Exploration Right, including service of process.

#### 42. Registration

It is recorded that in terms of Section 82 of the Act, the Holder must lodge this Exploration Right for registration at the Mineral and Petroleum Titles Registration Office within 60 (sixty) days from the notarial execution and, in the event of each renewal of this Exploration Right, within 60 (sixty) days of such renewal.

Thus done a	and signed at Bellville on 10 <sup>th</sup> JANUARY 20	19 in the presence of the undersigned witnesses:
AS WITNES	SS:	
1.	<u>/s/</u>	
		/s/ Viljoen Störm
		For and on behalf of the Grantor: South African Agency for Promotion of Petroleum Exploration and Exploitation (SOC) Ltd
2.	/s/	
		/s/ Paul Barrett
		For and on behalf of the Holder: OK Energy Limited
		Quod Attestor
		/s/ Hendrik Malherbe Oosthuizen
		Notary Public
		Seal: HENDRIK MALHERBE OOSTHUIZEN
		Notary Public
		WESTERN CAPE
		Page 39 of 3947

#### Annexure A

## **Sketch Plan for the Exploration Area**

Page 40 of 4047

#### **Annexure B**

# **Exploration Work Programme**

Page 41 of 4147



## Appendices for Northern Cape Ultra Deep Exploration Right Application

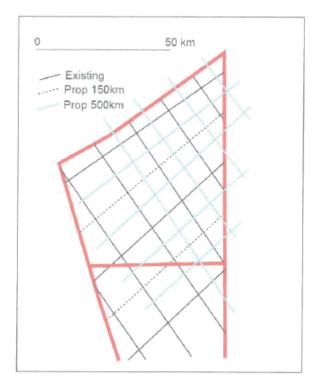
#### B. Exploration Right Work Programme

Minimum proposed work programme is:

- 1. Acquire 500 Line Km new 2D In-fill Data
- 2. Purchase 800 Line Km Multi-Client Seismic
- 3. Integrate new seismic into Kingdom Project
- 4. Seismic Interpretation and Update Structural Maps
- 5. Update Basin Model
- 6. Generate Prospect Maps

#### Contingent Work Programme is:

- 1. Acquire 1000 km2 3D seismic
- 2. Multi-Beam Bathymetry
- 3. Boat or Airborne acquired Full Tensor Gravity
- 4. Seafloor Sampling for Geochemical Analysis



OK .												
		20	14			20	15			20	16	
	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Seismic												
Purchase 700 Line km 2D multi-client seismic												
Acquire 500 Line km 2D in-fill seismic												
Satellite Seep Studies												
1000 sq km 3D seismic												
Multi-Beam Bathymetry												
Boat or Airborne Acquired Full Tensor Gravity												
Seafloor Sampling												
G&G												
Integrate new seismic into Kingdom Project												
Seismic Interpretation and Update Structural Maps												
Update Basin Model												
Generate Prospect Maps												
Engineering												
Economic modeling												
<b>Environmental Assessment</b>												
Environ. Assess, for Exploration Programme												
G&A												
Travel												
Legal												
Forward Programme												
Decision on forward programme												
		Firm				Conting	gent					

Phase 1 Exploration Work	Programme Costs Northern Cape	Ultra Deep	
Work Programme	Cost Category	Est. costs- USD	Total-USD
Seismic, Geochemical, Gravity, Bathymetry			
Purchase c. 800 Line km 2D seismic	Purchase	360 000	
Acquire 500 Line km 2D in-fill seismic	Purchase	275 000	
1000 sq km 3D seismic	Contingent		
Multi-Beam Bathymetry	Contingent		
Boat or Airborne Acquired Full Tensor Gravity	Contingent		
Seafloor Sampling	Contingent		
Total Seismic cost			635 00
G&G			
Integrate new seismic into Kingdom Project	Labour	20 000	
Seismic Interpretation and Update Structural Maps	Labour	40 000	
Update Basin Model	Labour	50 000	
Generate Prospect Maps	Labour	40 000	
Total G&G costs			150 00
Engineering			
Economic modeling	consultants	40 000	
Total Engineering cost			40.00
Environmental Assessment			40 00
Environ. Assess, for Exploration Programme	consultants	100 000	
Total Environmental Assessment			100 00
Travel S. Africa	travel	30 000	
Total Travel	tiavoi	30 000	30 00
			20 00
Legal			
Licence, JOA, Ministry and Mining Code	consultants	80 000	
Total Legal			80 00
Total Exploration Work Programme Costs			1 035 000

#### **Annexure C**

## **Relinquishment Schedule**

At the end of	% of the original extent of the Exploration Area	
The Initial Period	Not less than 15%	
The First Renewal Period	Not less than 15%	
The Second Renewal Period	Not less than 15%	

Page 45 of 4547

#### **Annexure D**

# Schedule of contributions to the Upstream Training Trust

Page 46 of 4647

#### Annexure E

# Existing Data made available to the Holder

Page 47 of 4747