# Information Form and Checklist
# Annexure II (Oil & Gas Entities)

| Name of entity | ABN/~~ARBN/ARSN~~ |
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| **Vintage Energy Ltd** | **56 609 200 580** |

**This Annexure forms part of the Information Form and Checklist supplied by the entity named above to support its application for admission to the official list of ASX Limited (ASX) as an ASX Listing.**

*A reference in this Annexure to SPE-PRMS means the Petroleum Resources Management System sponsored by the Society of Petroleum Engineers, the American Association of Petroleum Geologists, the World Petroleum Council and the Society of Petroleum Evaluation Engineers. Terms used in this Annexure which are defined in SPE-PRMS (including, without limitation, 'petroleum reserves',' contingent resources' or 'prospective resources') have the same meaning as in SPE-PRMS.*

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| | **General requirements**<br>*Complete this section if the Offer Document includes any reference to an estimate of petroleum reserves, contingent resources or prospective resources* | |
| 1. | Where in the Offer Document does it state the date at which the estimate is made (Listing Rule 5.25.1)?[1] | Galilee<br>Please refer to Section 3.1 Galilee Basin (page 27) and SRK Report (page 90)<br>Otway<br>Please refer to Section 3.2 Otway Basin (page 36) and Risc Report (page 75) |
| 2. | Where in the Offer Document does it state that the estimate of petroleum reserves, contingent resources and/or prospective resources has been classified in accordance with SPE-PRMS (Listing Rule 5.25.2)?[2] | Please refer to section 3.1 (page 27) and Risc Report (pages 76 and 83) and SRK Report (page 91). |
| 3. | Where in the Offer Document does it state:<br>• that the estimate is based on, and fairly represents, information and supporting documentation prepared by, or under the supervision of, a named qualified petroleum reserves and resources evaluator or evaluators (Listing Rule 5.42(a));[3]<br>• whether the qualified petroleum reserves and resources evaluator is an employee of the oil and gas entity or a related party and, if not, the name | Please refer to:<br>Glossary definition of Independent Technical Expert's Reports, in addition to Risc Report- Declaration and authorisation (pages 83 and 85) |

[1] This date may be referenced as the "evaluation date".

[2] The specific classes of petroleum resources provided for by SPE-PRMS are production, reserves, contingent resources, prospective resources and unrecoverable petroleum.

If an entity is proposing to disclose petroleum resources not reported in accordance with SPE-PRMS (for example, under the US SEC reporting regime for such resources), it should consult with ASX. It will need a waiver from Listing Rule 5.25.2. If granted, that waiver will likely be conditional on the disclosure of specific information otherwise required under Chapter 5 of the Listing Rules.

[3] A person is a qualified petroleum reserves and resources and resources evaluator if he or she:

- has obtained a bachelors or advanced degree in petroleum engineering, geology, geophysics or other discipline of engineering or physical science;
- has a minimum of five years practical experience in petroleum engineering, petroleum production geology or petroleum geology, with at least three years of such experience being in the evaluation and estimation of petroleum reserves, contingent resources and prospective resources; and
- is a member of good standing of a professional organisation of engineers, geologists or other geoscientists whose professional practice includes petroleum reserves, contingent resources and prospective resources evaluations and/or audits. The professional organisation must have disciplinary powers, including the power to suspend or expel a member.

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| of the qualified petroleum reserves and resources evaluator's employer (Listing Rule 5.42(b));<br>• the name of the professional organisation of which the qualified petroleum reserves and resources evaluator is a member (Listing Rule 5.42(c)); and<br>• that the qualified petroleum reserves and resources evaluator has given his or her prior written consent as to the form and context in which the estimated petroleum reserves, contingent resources and/or prospective resources and the supporting information are presented in the Offer Document (Listing Rule 5.42)? | SRK Report - Competent person statement (page 92) Also refer to consents page 157 |
| 4. Does the Offer Document refer to *total* petroleum initially-in-place, total resource base, estimated ultimate recovery, remaining recoverable resources or hydrocarbon endowment?<br>If so, please indicate each place in the Offer Document where that reference occurs, noting that proximate to that reference the following information must also be disclosed:<br>• an estimate of petroleum reserves;<br>• an estimate of contingent resources;<br>• an estimate of prospective resources; and<br>• whether and how each of the resource classes in the summation were adjusted for risk (Listing Rule 5.25.3).[4] | Yes<br>Galilee<br>Please refer to contingent gas resources (pages 27 and 91)<br>PEL 155<br>Please refer to prospective resources (pages 36, 37 and 77) |
| 5. Does the Offer Document refer to *discovered* petroleum initially-in-place?<br>If so, please indicate each place in the Offer Document where that reference occurs, noting that proximate to that reference the following information must also be disclosed:<br>• an estimate of petroleum reserves;<br>• an estimate of contingent resources; and<br>• whether and how each of the resource classes in the summation were adjusted for risk (Listing Rule 5.25.4).[5] | Yes – the gas in place numbers quoted on Page 27 are for the discovered Carmichael gas field.<br>Also on page 27 it is noted that no reserves are attributed, a breakdown of the in-place and recoverable resources and that the resources stated are unrisked.<br>Also refer the IER by SRK |
| 6. Please enter "Confirmed" in the column to the right to indicate that the estimate is:<br>• reported according to the entity's economic interest in the petroleum reserves, contingent resources and prospective resources including its entitlements under production-sharing contracts and risked-service contracts;<br>• reported net of:<br>  • royalties that the entity is required by agreement (including overriding royalties provided for in farm-out agreements) to give in-kind to the royalty owner; or<br>  • those volumes that the entity is allowed to lift and sell on behalf of the royalty owner; and<br>• not reported in relation to pure service contracts (Listing Rule 5.25.5)? | Confirmed |

[4] It is acceptable for the purposes of Listing Rule 5.25.3 if the first reference to total petroleum initially-in-place, total resource base, estimated ultimate recovery, remaining recoverable resources or hydrocarbon endowment includes this information and any subsequent reference cross-refers back to the earlier information.

[5] It is acceptable for the purposes of Listing Rule 5.25.4 if the first reference to discovered petroleum initially-in-place includes this information and any subsequent reference cross-refers back to the earlier information.

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| 7. | Where in the Offer Document does it disclose whether the deterministic or probabilistic method was used to prepare the estimates of petroleum reserves, contingent resources and/or prospective resources (Listing Rule 5.25.6)? | Galilee<br>Please refer to pages 27 and 91<br>PEL 155<br>Please refer to pages 36 and 75 |
| 8. | Does the Offer Document include estimates of petroleum reserves, contingent resources and/or prospective resources in units of equivalency between oil and gas?<br>If so, where in the Offer Document does it disclose the conversion factor used to convert:<br>• gas to oil, where the estimates are reported in BOEs (barrels of oil equivalents); or<br>• oil to gas, where the estimates are reported in McfGEs (thousands of cubic feet of gas equivalent) (Listing Rule 5.25.7)? | No, units of equivalency are not used in this document. |
| 9. | If a petroleum reserves replacement ratio is reported, where in the Offer Document is there an explanation of how the petroleum reserves replacement ratio was calculated (Listing Rule 5.26)? | Reserves replacement ratio is not used. |
| 10. | Does the Offer Document include estimates of contingent resources? | Yes |
| | If so, where in the Offer Document does it state that contingent resources have been categorised and reported in the most specific category that reflects the degree of uncertainty in the estimated quantities of potentially recoverable petroleum, that is, 1C, 2C or 3C (Listing Rule 5.27.1)? | Please refer to pages 27 and 91 |
| | If an estimate of 3C is reported, where in the Offer Document are the estimates of 2C and 1C also reported (Listing Rule 5.27.1)? | Please refer to Galilee<br>Pages 11, 27 and 91. |
| | Please enter "Confirmed" in the column to the right to indicate that the Offer Document does not include a mean estimate of contingent resources (Listing Rule 5.27.2). | Confirmed |
| | If reported contingent resources represent aggregated estimates of contingent resources, where in the Offer Document is the method of aggregation disclosed, noting that this must be either:<br>• arithmetic summation by category (that is, 1C, 2C or 3C); or<br>• statistical aggregation of uncertainty distributions up to the field, property or project level (Listing Rule 5.27.3). | No aggregation of contingent resources |
| | If any contingent resources have been reported beyond the field, property or project level, where in the Offer Document does it state that estimates of contingent resources have been aggregated by arithmetic summation by category beyond that level of reporting (Listing Rule 5.27.4). | N/A |
| | If any contingent resources have been reported beyond the field, property or project level, please also indicate where in the Offer Document the required cautionary note has been included stating that the aggregate 1C may be a very conservative estimate and the aggregate 3C may be a very optimistic estimate due to the portfolio effects of arithmetic summation (Listing Rule 5.27.4). | N/A |
| 11. | Does the Offer Document include estimates of prospective resources? | Yes |
| | If so, where in the Offer Document does it state that prospective resources have been categorised and reported in the most specific category that reflects | PEL 155<br>Please refer to pages 36 and 76 |

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| | the degree of uncertainty in the estimated quantities of potentially recoverable petroleum, that is, low estimate, best estimate or high estimate (Listing Rule 5.28.1)? | |
| | If a high estimate of prospective resources is reported, where in the Offer Document are the best estimate and low estimate of prospective resources also reported (Listing Rule 5.28.1)? | Same table- refer to table 2 pages 36 and 75 |
| | Please also indicate where in the Offer Document the required cautionary statement has been included stating that:[6]<br>*"The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons."* (Listing Rule 5.28.2)? | Please refer to pages 36 and 75. |
| 12. | Does the Offer Document refer to a geophysical survey?<br>If so, where in the Offer Document does it include the name, nature and status of the survey, and the permit under which the survey is being conducted (Listing Rule 5.29)? | Please refer to seismic surveys detailed in Section 3- Description of the Assets.<br>In particular, note:<br>Galilee<br>Please refer to pages 25, 26, 27, 28 and 29<br>Otway Basin<br>Please refer to page 33, 38<br>Bonaparte Basin<br>Please refer to page 13 |
| 13. | Does the Offer Document include any material exploration and drilling results in relation to petroleum resources?<br>If so, where in the Offer Document does it state:<br>• the name and type of well;<br>• the location of the well and the details of the permit or lease in which the well is located;<br>• the entity's working interest in the well;<br>• if the gross pay thickness is reported for an interval of conventional resources, the net pay thickness;<br>• the geological rock type of the formation drilled;<br>• the depth of the zones tested;<br>• the types of test(s) undertaken and the duration of the test(s);<br>• the hydrocarbon phases recovered in the test(s);<br>• any other recovery (such as, formation water and water) associated with the test(s) and their respective proportions;<br>• the choke size used, the flow rates and, if measured, the volumes of the hydrocarbon phases measured;<br>• if applicable, the number of fracture stimulation stages and the size and nature of fracture stimulation applied;<br>• any material volumes of non-hydrocarbon gases (such as, carbon dioxide, nitrogen, hydrogen sulphide and sulphur); and<br>• any other information that is material to understanding the reported results (Listing Rule 5.30)? | Galilee<br>Exploration drilling is ongoing however: Albany 1 was drilled during May-June 2018. All relevant information from that drilling is detailed in the Prospectus: Investment Summary (page 11) and Description of the Assets (23, 24 and 25) and SRK Report (page 92)<br><br>Otway Basin<br>All relevant information in respect of exploration is detailed on pages 32 and 33.<br><br>Bonaparte Basin EP 126<br>Exploration and drilling results are detailed on page 42. |

[6] Note that the statement must be proximate to, and with equal prominence as, the reported prospective resources.

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## Petroleum reserves for material oil and gas projects[7]

*Complete this section if the Offer Document includes any reference to an estimate of petroleum reserves for a material oil and gas project*

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| 14. Where in the Offer Document does it state all material economic assumptions used to calculate the estimates of petroleum reserves (Listing Rule 5.31.1 and Guidance Note 32 section 7.1)?[8] | Not applicable |
| 15. Where in the Offer Document does it state whether the entity has operator or non-operator interests in the material oil and gas project and, if the entity has non-operator interests, the name of the operator (Listing Rule 5.31.2)? | Not applicable |
| 16. Where in the Offer Document does it state the types of permits or licences held by the entity in respect of the reported estimates of petroleum reserves (Listing Rule 5.31.3)? | Not applicable |
| 17. Where in the Offer Document does it include a description of:<br>• the basis for confirming commercial producibility and booking petroleum reserves;<br>• the analytical procedures used to estimate the petroleum reserves;<br>• the proposed extraction method; and<br>• if applicable, any specialised processing required following extraction (Listing Rule 5.31.4)?[9] | Not applicable |
| 18. Where in the Offer Document does it state the estimated quantities (in aggregate) to be recovered:<br>• from existing wells and facilities (developed petroleum reserves);and<br>• through future investments (undeveloped petroleum reserves) (Listing Rule 5.31.5)? | Not applicable |
| 19. Does the Offer Document include estimates of petroleum reserves relating to undeveloped petroleum reserves for a material oil and gas project?<br>If so, where in the Offer Document does it include a statement regarding:<br>• the status of the material oil and gas project;<br>• when development is anticipated;<br>• the marketing arrangements that justify development;<br>• access to transportation infrastructure; and<br>• environmental approvals required (Listing Rule 5.31.6)? | Not applicable |
| 20. Does the Offer Document include estimates of petroleum reserves relating to unconventional petroleum resources[10] for a material oil and gas project? | Not applicable |

7 An oil and gas project is "material" if the entity or child entity has an economic interest in the project (whether alone or jointly with others); and the interest is, or is likely to be, material in the context of the overall business operations or financial results of the entity and its child entities (on a consolidated basis): see Listing Rule 19.12.

8 If those economic assumptions are commercially sensitive to the entity, an explanation of the methodology used to determine the assumptions rather than the actual figure can be reported.

9 The type of information ASX would generally expect an entity to disclose for this item is a summary description of the types of tests performed, such as production and/or formation testing, and other analysis undertaken to determine commercial producibility of the accumulation. In the absence of production and/or formation testing, this could be on the basis of well logs and/or core analysis that indicates that the zone is hydrocarbon-bearing and where it is analogous to other reservoirs in the immediate area that have demonstrated commercial producibility by actual production and/or formation testing.

10 Refer to the definition of unconventional resources in *Appendix A: Glossary of Terms Used in Resources Evaluations* in SPE-PRMS.

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| | If so, where in the Offer Document does it state the land area and the number of wells for which the estimates of petroleum reserves are provided (Listing Rule 5.31.7)? | |
| 21. | If 1P is zero for the reported estimates of petroleum reserves, where in the Offer Document does it include a brief explanation of:<br>• why 1P is zero; and<br>• why, in the absence of 1P, 3P and 2P have been determined and reported (Listing Rule 5.31.8)? | Not applicable |

## Contingent resources for material oil and gas projects

*Complete this section if the Offer Document includes any reference to an estimate of contingent resources for a material oil and gas project*

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| 22. | Where in the Offer Document does it state the types of permits or licences held by the entity in respect of the reported estimates of contingent resources (Listing Rule 5.33.1)? | Please refer to pages 24, 90 and 135. |
| 23. | Where in the Offer Document does it state the basis for confirming the existence of a significant quantity of potentially moveable hydrocarbons and the determination of a discovery (Listing Rule 5.33.2)? | Please refer to page 91and page 27 |
| 24. | Where in the Offer Document does it include a description of:<br>• the analytical procedures used to estimate the contingent resources;<br>• the key contingencies that prevent the contingent resources from being classified as petroleum reserves; and<br>• any further appraisal drilling and evaluation work to be undertaken to assess the potential for commercial recovery, and to progress the material oil and gas project (Listing Rule 5.33.3)? | Please refer to:<br>Industry factors (page 22), Description of the Assets (page 27) and Technical Expert Report (page 91). |
| 25. | Does the Offer Document include estimates of contingent resources for a material oil and gas project which are contingent on technology under development?<br>If so, where in the Offer Document does it include an explanation of whether:<br>• the technology is under active development;<br>• a pilot for that technology is planned and budgeted; and<br>• the technology has been demonstrated to be commercially viable in analogous reservoirs and, if not, whether it has been demonstrated to be commercial viable in other reservoirs (Listing Rule 5.33.4)? | Not applicable |
| 26. | Does the Offer Document include estimates of contingent resources for a material oil and gas project which are related to unconventional petroleum?<br>If so, where in the Offer Document does it include the land area and the number of wells for which the estimates of petroleum resources are provided (Listing Rule 5.33.5)? | Not applicable |

## Prospective resources for material oil and gas projects

*Complete this section if the Offer Document includes any reference to an estimate of prospective resources for a material oil and gas project*

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| 27. | Where in the Offer Document does it state the types of permits or licences held by the entity in respect of the reported estimates of prospective resources (Listing Rule 5.35.1)? | Please refer to Risc Technical Expert Report (page 74), Investment Summary (page 12) and Solicitor's Report (pages 113, 115 and 134). |

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| 28. | Where in the Offer Document does it include a brief description of:<br>• the basis on which the prospective resources are estimated; and<br>• any further exploration activities, including studies, further data acquisition and evaluation work, and exploration drilling to be undertaken and the expected timing of those exploration activities (Listing Rule 5.35.2)? | Please refer to Descritpion of the Assets (pages 36 and 37) and Risc Report (pages 76 and 88). |
| 29. | Where in the Offer Document does it state the entity's assessment of the chance of discovery and the chance of development associated with the reported estimates of prospective resources (Listing Rule 5.35.3)? | Please refer to Investment Summary (page 12) and Description of the Assets (pages 36 and 37). |
| 30. | If risked estimates of prospective resources are reported, where in the Offer Document does it include an explanation of how the estimates were adjusted for risk (Listing Rule 5.35.4)? | Not applicable |

## Oil and gas exploration entities

*Complete this section if the entity is an oil and gas exploration entity?*

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| 31. | Where in the Offer Document is there a map or maps of the entity's petroleum tenements prepared by a qualified petroleum reserves and resources evaluator or other competent person, which:<br>• indicate the geology and other pertinent features of the tenements, including their extent and location in relation to a capital city or major town, and relative to any nearby properties which have a significant bearing on the potential of the tenements;<br>• are dated; and<br>• identify the qualified petroleum reserves and resources evaluator or other competent person who prepared the map(s)? | Please refer to Section 7 (pages 74, 80 and 81) prepared as part of the Risc Technical Expert Report dated 28 June 2018. |
| 32. | Where in the Offer Document is there a schedule of the entity's petroleum tenements which states in relation to each petroleum tenement:<br>• the geographical area where the petroleum tenement is situated;<br>• the nature of the title to the petroleum tenement;<br>• whether the title has been formally confirmed or approved and, if not, whether an application for confirmation or approval is pending and whether the application is subject to challenge; and<br>• the person in whose name the title to the petroleum tenement is currently held? | Please refer to Investment Summary-Portfolio of Exploration and Appraisal of Assets page 10 – further detail provided in Section 3: Description of the Assets (Galilee pages 23-26, Otway pages 32-34 and 38, Bonparte Basin pages 41-43)<br>Solicitor's Report pages 134-137 |
| 33. | Where in the Offer Document is there a statement setting out a program of expenditure, together with a timetable for completion of an exploration program, in respect of each petroleum tenement (or, where applicable, each group of tenements)? | Please refer to Description of the Assets Galilee ATPs 743, 744 and 1015 pages 25-26<br>Otway PEL 155 page 34<br>Otway PEP 171 page 38<br>Bonparte Basin EP126 page 43<br><br>Refer also to Material Contracts pages 142-147. |
| 34. | Within the 2 years preceding the date of the entity's application for admission to the official list, has the entity acquired, or entered into an agreement to acquire, an interest in an oil and gas exploration area or similar petroleum tenement from any person? | Yes |
| | If so, where in the Offer Document does it disclose: | Please refer to Description of the Assets |

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| | • the date of the acquisition or agreement;<br>• full details of the tenement, including any title particulars;<br>• the name of the vendor;<br>• if the vendor was not the beneficial owner of the tenement at the date of the acquisition or agreement, the name of the beneficial owner(s);<br>• details of any relationship between the vendor (or, if the vendor was not the beneficial owner of the tenement at the date of the acquisition or agreement, between the beneficial owner(s)) and the entity or any related party or promoter of the entity; and<br>• details of the purchase price paid or payable and all other consideration (whether legally enforceable or not) passing directly or indirectly to the vendor? | Galilee ATPs 743, 744 and 1015 pages 25-26<br>Otway PEL 155 page 33 and 34<br>Otway PEP 171 page 38<br>Bonparte Basin EP126 page 43<br><br>Refer also to Material Contracts pages 142-147. |
| | Is the vendor (or, if the vendor was not the beneficial owner of the tenement at the date of the acquisition or agreement, is any of the beneficial owner(s)) a related party or promoter of the entity?<br>If so, please enter "Confirmed" in the column to the right to indicate that the consideration paid by the entity for the classified asset was solely restricted securities, save to the extent it involved the reimbursement of expenditure incurred in developing the tenement[11] or the entity was not required to apply the restrictions in Appendix 9B under Listing Rule 9.1.3 (Listing Rule 1.1 Condition 10) | No |
| | Please also provide a copy of the agreement(s) relating to the acquisition entered into by the entity and any expert's report or valuation obtained by the entity in relation to the acquisition | Refer to tab 42 (Material Contracts) |
| 35. | Is the entity or a child entity in a joint venture arrangement to investigate or explore a petroleum tenement? | Yes |
| | If so, please provide a copy of the joint venture agreement | Refer to tab 42:<br>• Petroleum Joint Operating Agreements in respect of ATP 743, 744 and 1015<br>• Petroleum Joint Operating Agreement in respect of PEL 155<br>• Heads of Agreement in respect of PEP 171 |
| | Where in the joint venture agreement does it provide that if the entity requires it, the operator of the joint venture will give the entity all the information the entity requires to comply with the Listing Rules, and that the information may be given to ASX for release to the market if necessary for the entity to comply with the Listing Rules (Listing Rule 5.45)? | Please refer to:<br>• Petroleum Joint Operating Agreements in respect of ATP 743, 744 and 1015, clause 22.1(d)<br>• Petroleum Joint Operating Agreement in respect of PEL 155, clause 18.1(b)<br>• HOA in respect of PEP 171, clause 9(c) |

[11] ASX may require evidence to support expenditure claims.