




Environmental Protection Authority

EPA Referral Form

Form for the referral of a proposal to the Environmental Protection Authority under Section 38 of the *Environmental Protection Act 1986*

Referrer information			
Who is referring this proposal?		<input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
Name Tim Flowers		Signature 	
Position	Head of Environment	Organisation	Beach Energy Limited
Email	Tim.Flowers@beachenergy.com.au		
Address	80	Flinders Street	
	Adelaide	SA	5000
Date	27 March 2020		
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? <i>Provide confidential information in a separate attachment.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Referral declaration for organisations, proponents and decision-making authorities: I, Tim Flowers, declare that I am authorised to refer this proposal on behalf of Beach Energy Limited and further declare that the information contained in this form is true and not misleading.			
Part A: Proponent and proposal description			
Proponent information			
Name of the proponent/s (including Trading Name if relevant)		Beach Energy Limited	
Australian Company Number(s) <input checked="" type="checkbox"/>		007 617 969	
OR Australian Business Number(s) <input type="checkbox"/>			
Contact for the proposal (if different from the referrer) <i>Please include: name, physical address, phone, and email.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the proponent have the legal access required for the implementation of all aspects of the proposal?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<p>If yes, provide details of legal access authorisations / agreements / tenure.</p> <p>If no, what authorisations / agreements / tenure is required and from whom?</p>	<p>The proposed survey area (acquisition area) is ~970 km² in size.</p> <p>Beach Energy (Perth Basin) Pty Ltd (Beach Energy) is the titleholder of petroleum exploration permit EP 320 which comprises ~75% of the survey area. The remainder of the survey area is within portions of other Beach Energy or other operator's permits and licences:</p> <ul style="list-style-type: none"> • L1, L11, L22 (Beach Energy) • L4 (Australian Worldwide Exploration) • EP 368, EP 426 (Energy Resources Limited) • EP 469 (Strike Energy) • EP 413 (Norwest Energy) • STP-EPA-0082, STP-EPA-0098 (UIL Energy). <p>Access to these areas will be sought via an Access Authority to be granted under the <i>Petroleum and Geothermal Energy Resources Act 1967</i>.</p> <p>Land tenure within the survey area is comprised of a mixture of Crown land (including leases and reserves) and Freehold land. Beach Energy will require licence arrangements for access to Crown land and land access agreements with the relevant lease holders of the Freehold land. Where land access cannot be successfully negotiated, the property in question will be removed from the survey area.</p> <p>Refer to Section 2.2 and Section 5 of the Supplementary Information report.</p>
<p>Proposal type</p>	
<p>What type of proposal is being referred?</p> <p>For a change to an approved proposal please state the Ministerial Statement number/s (MS No./s) of the approved proposal</p> <p>For a derived proposal please state the Ministerial Statement number (MS No.) of the associated strategic proposal</p>	<p><input checked="" type="checkbox"/> significant – new proposal</p> <p><input type="checkbox"/> significant – change to approved proposal (MS No./s: _____)</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p> <p><input type="checkbox"/> strategic</p> <p><input type="checkbox"/> derived (Strategic MS No.: _____)</p>
<p>For a significant proposal:</p> <ul style="list-style-type: none"> • Why do you consider the proposal may have a significant effect on the environment and warrant referral to the EPA? 	<p>The survey area is ~970 km² in size and the proposal requires an operational footprint of up to ~15 km² (1,500 ha), with temporary clearing of up to 1000 ha of vegetation. The survey area is located within the Mount Lesueur-Eneabba (Western Australia) biodiversity hotspot which supports a large</p>

	<p>number of distinct, species-rich and endemic communities.</p> <p>Consequently, Beach Energy have identified that they would need to manage the following environmental factors appropriately to avoid significant environmental impacts:</p> <ul style="list-style-type: none"> • flora and vegetation • terrestrial fauna • social surroundings. <p>Refer to Section 3 of the Supplementary Information report.</p>
<p>For a proposal under an assessed planning scheme, provide the following details:</p> <ul style="list-style-type: none"> • Scheme name and number <p>For the Responsible Authority:</p> <ul style="list-style-type: none"> • What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme? • How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme? 	Not applicable.
Proposal description	
Title of the proposal	Zemira 3D Seismic Survey
Name of the Local Government Authority in which the proposal is located.	<p>The survey area is situated within four local shires:</p> <ul style="list-style-type: none"> • Shire of Irwin • Shire of Three Springs • Shire of Mingenew • Shire of Carnamah
<p>Location:</p> <p>a) street address, lot number, suburb, and nearest road intersection; or</p> <p>b) if remote the nearest town and distance and direction from that town to the proposal site.</p>	<p>The survey area is located across a number of petroleum licences and permits; however it is focused on petroleum exploration permit EP 320.</p> <p>The survey area is ~4.5 km north of Eneabba and ~25 km southeast of Dongara (measured from the respective nearest boundary of the survey area).</p> <p>Refer to Figure 1-1 of the Supplementary Information.</p>
<p>Proposal description – including the key characteristics of the proposal</p> <p><i>Provide as an attachment to the form</i></p>	<p>The proposal is to undertake an onshore 3D seismic survey within the northern Perth Basin.</p> <p>Refer to Section 2 of the Supplementary Information.</p>
<p>Have you provided electronic spatial data, maps and figure in the appropriate format?</p> <p><i>Refer to instructions at the front of the form</i></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

What is the current land use on the property, and the extent (area in hectares) of the property?	The major land use within and adjacent to the survey area comprises pastoral / agricultural use. Refer to Section 2 of the Supplementary Information.
Have you had pre-referral discussions with the EPA at DWER Services? If so, quote the reference number and/or the DWER contact.	Beach Energy held a formal scoping pre-referral meeting with EPA Services (Leanne Zheng) on 21 January 2020. Prior to this, Beach Energy has also met with EPA Services on the following occasions: <ul style="list-style-type: none"> • 29 August 2019 with Natalie McAlpine, Mike Young, Bec Ryan • 15 August 2019 with Robert Hughes, Natalie McAlpine

Part B: Environmental impacts

Environmental factors

What are the likely significant environmental factors for this proposal?	<input type="checkbox"/> Benthic Communities and Habitat <input type="checkbox"/> Coastal Processes <input type="checkbox"/> Marine Environmental Quality <input type="checkbox"/> Marine Fauna <input checked="" type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input checked="" type="checkbox"/> Terrestrial Fauna <input type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input checked="" type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
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For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report

Potential environmental impacts

1	EPA Factor	Refer to Section 3 of the Supplementary Information
2	EPA policy and guidance - What have you considered and how have you applied them in relation to this factor?	Refer to Section 3 of the Supplementary Information report
3	Consultation – Outline the outcomes of consultation in relation to the potential environmental impacts	Refer to Section 3 of the Supplementary Report
4	Receiving environment – Describe the current condition of the receiving environment in relation to this factor.	Refer to Section 3 of the Supplementary Information report
5	Proposal activities – Describe the proposal activities that have the potential to impact the environment	Refer to Section 3 of the Supplementary Information report

6	Mitigation – Describe the measures proposed to manage and mitigate the potential environmental impacts.	Refer to Section 3 of the Supplementary Information report
7	Impacts – Assess the impacts of the proposal and review the residual impacts against the EPA objective.	Refer to Section 3 of the Supplementary Information report
8	Assumptions - Describe any assumptions critical to your assessment e.g. particular mitigation measures or regulatory conditions.	Refer to Section 3 of the Supplementary Information report

Part C: Other approvals and regulation

State and Local Government approvals

Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If this proposal has been referred by a decision-making authority, what approval(s) are required from you?	Not applicable
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Please identify other approvals required for the proposal:

Proposal activities	Land tenure/access	Type of approval	Legislation regulating the activity
e.g. clearing, dewatering, mining, processing, dredging	e.g. Crown land, Mining lease, specify legislation for access if relevant	e.g. Native Vegetation Clearing Permit, licence, mining proposal,	e.g. <i>EP Act 1986</i> – Part V, <i>RiWI Act 1914</i> , <i>Mining Act 1979</i>

Refer to Section 5 of the Supplementary Information report

Commonwealth Government approvals

Does the proposal involve an action that may be or is a controlled action under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: _____ EPBC No.: _____
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If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes', check the appropriate box and provide the decision in an attachment.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Decision – controlled action <input type="checkbox"/> Decision – not a controlled action
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If the proposal is determined to be a controlled action, do you request that this proposal be assessed under the bilateral agreement or as an accredited assessment?	<input checked="" type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No <input type="checkbox"/> Yes - Accredited
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Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Approval:
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