



Department of  
**State Development,  
Manufacturing,  
Infrastructure and Planning**

## **REGIONAL INTERESTS DEVELOPMENT APPROVAL (RIDA) 16 FEBRUARY 2018**

### **RPI17/007 Santos Limited – Zeus Project Area (PL301)**

(Given under the *Regional Planning Interests Act 2014* section 53)

#### **Description of the land**

Real property description: Lot 1 SP209773  
Local Government Area: Bulloo Shire Council

#### **Approved activities**

The approved activities are set out in Table 1 below.

Definitions of the resource activities are included in Table 2.

This development approval authorises impacts on the Strategic Environmental Area (SEA) by the approved activities.

**Table 1: Approved activities**

<b>Area of regional interest</b>	<b>Location</b>	<b>Resource activity</b>	<b>Area of disturbance</b>
Channel Country Strategic Environmental Area	Lot 1 SP209773	Well pad	0.4 ha
		Access tracks	0.3 ha
		Above-ground pipeline	nil
		Borrow pit	1.3 ha
<b>Total area of disturbance</b>			<b>2.0 ha</b>

**Table 2: Definitions**

Resource activity	Definition
Well pad	As shown in well pad layout drawing <i>Ensign 970 &amp; 971 Rigs</i> , an area of approximately 1.5ha (120m x 120m) used to provide a stable platform required for the construction and subsequent production of a petroleum well containing drilling equipment and ancillary infrastructure.
Access track	A cleared track approximately 6m wide constructed of earthen material to facilitate safe access for construction and operations activities.
Above-ground pipeline	Construction and operation of an above-ground 100mm diameter steel pipeline mounted on 200mm high prefabricated supports contained within a cleared linear right-of-way approximately 3m wide.
Borrow pit	A shallow excavated pit used to win material to support construction of well pads and access tracks.

### General Advice

It is the applicants' responsibility prior to works commencing on site to ensure all relevant approvals and licenses are obtained from the applicable Local, State, and/or Federal Authorities. This includes but not limited to approvals required under *Nature Conservation Act, 1992*; *Aboriginal Cultural Heritage Act, 2003* and *Environmental Protection and Biodiversity Conservation Act, 1999*.

### Regional interests conditions

A person who is the holder of, or is acting under, this RIDA must not contravene a condition of this approval.

Number	Condition	Timing
1.	Carry out the approved activities and disturbance of land generally in accordance with: <ul style="list-style-type: none"> <li>(a) The activities identified in Table 1: Approved activities</li> <li>(b) The activities defined in Table 2: Definitions of Activities</li> <li>(c) The approved documents:               <ul style="list-style-type: none"> <li>• <i>Figure 5 – Site Footprint</i> prepared by Santos dated 20 November 2017 (refer Attachment 1)</li> <li>• <i>Ensign 970 &amp; 971 Rigs</i> prepared by Santos dated 10 August 2016 (refer Attachment 1).</li> </ul> </li> </ul>	At all times.
2.	Disturbance to land within the Strategic Environmental Area on Lot 1 SP209773 must be confined to 2.0ha in total.	At all times.
3.	<ul style="list-style-type: none"> <li>(a) Develop an erosion and sediment control plan in accordance with the <i>Best Practice Erosion and Sediment (BPESC) guidelines for Australia (International Erosion Control Association)</i> which:               <ul style="list-style-type: none"> <li>(i) allows stormwater to pass through the site in a controlled manner and at non-erosive flow velocities</li> <li>(ii) minimises soil erosion resulting from wind, rain, and flowing water</li> <li>(iii) minimises the duration that disturbed soils are exposed to the erosive forces of wind, rain, and flowing water</li> <li>(iv) minimises work-related soil erosion and sediment runoff; and</li> <li>(v) minimises negative impacts to land or properties adjacent to the activities (including roads).</li> </ul> </li> <li>(b) Implement and maintain all required erosion and sediment control measures identified in the plan.</li> </ul>	<ul style="list-style-type: none"> <li>(a) Prior to the commencement of approved activities.</li> <li>(b) For the duration of the approved activities.</li> </ul>
4.	Measures to minimise the diversion of overland flow must be implemented during construction and operation activities.	At all times.
5.	No construction activities are to be undertaken: <ul style="list-style-type: none"> <li>(a) when surface water is present;</li> <li>(b) during the regional wet season (December to March inclusive).</li> </ul>	At all times.
6.	Access tracks and above ground pipelines are to be constructed to allow for the natural passage of surface water.	At all times.
7.	Clearing of native vegetation within or adjoining watercourses, lakes, wetlands or springs is not permitted.	At all times.

8.	No infrastructure is to be constructed or operated within all available mapped flood extents.	At all times.
9.	Contaminants must not be directly or indirectly released to waters.	At all times.
10.	Dams are not an approved use under this authority and are not permitted to be constructed.  <b>NOTE:</b> 'Dam' means a land-based structure or a void that is designed to contains, diverts or controls flowable substances, and includes any substances that are thereby contained, diverted or controlled by that land-based structure or void and associated works.	At all times.
11.	(a) All complaints received, and resulting actions taken, about the impact of the approved activities on the environmental attributes in the SEA must be recorded. The record must include: (i) name, address and contact number of the complainant (ii) time and date of complaint (iii) reasons for the complaint (iv) investigations undertaken (v) conclusions formed (vi) actions taken to resolve the complaint (vii) any abatement measures implemented (viii) person responsible for resolving the complaint. (b) The records of any complaints received and recorded in accordance with this condition must be provided to the chief executive at <a href="mailto:RPIAct@dsgmip.qld.gov.au">RPIAct@dsgmip.qld.gov.au</a> .	(a) At all times (b) Within three business days of receipt of a complaint.
12.	A full copy of the regional interests development approval must be kept on-site and available to any person(s) contracted to undertake the approved activities.	For the duration of activities subject to this approval.
13.	(a) Take photographs of the pre-disturbance site conditions of the disturbance areas; and (b) Take photographs of the post-restoration site conditions demonstrating that the impacted land within the SEA has been returned to its pre-activity condition; and (c) The applicant must provide to the chief executive evidence of the pre-disturbance and post-restoration site conditions in accordance with parts (a) and (b) of this condition to: <a href="mailto:RPIAct@dsgmip.qld.gov.au">RPIAct@dsgmip.qld.gov.au</a> .  The notification to the chief executive must state the application reference number.	(a) Prior to commencement of approved activities (b) On completion of restoration (c) Within three months of completing all restoration works.

**Attachment 1 - Approved documents**

141° 57' 00" E

141° 57' 15" E

**Proposed Minos Pipeline**

Point	Dec_Longitude	Dec_Latitude
1	141.951030	-28.058693
2	141.951119	-28.058644
3	141.951237	-28.058775
4	141.952214	-28.058034

**Proposed Minos Borrow Pit**

Point	Dec_Longitude	Dec_Latitude
1	141.952335	-28.057676
2	141.952970	-28.058472
3	141.954376	-28.057350
4	141.953741	-28.056554

**Proposed Minos Lease Area**

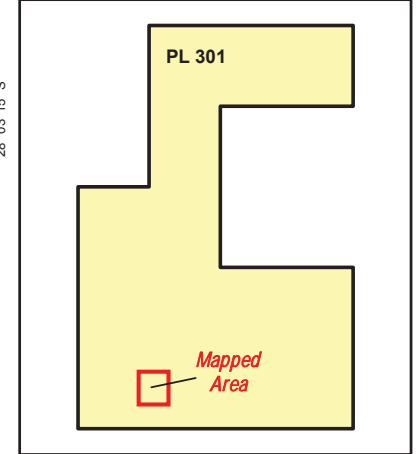
Point	Dec_Longitude	Dec_Latitude
1	141.951185	-28.058346
2	141.951248	-28.058305
3	141.951284	-28.058345
4	141.951234	-28.058386
5	141.951596	-28.058745
6	141.951029	-28.059205
7	141.950771	-28.058956
8	141.950616	-28.059069
9	141.950563	-28.059017
10	141.950680	-28.058870
11	141.950522	-28.058714
12	141.951090	-28.058246

PLANS AND DOCUMENTS referred to in the REGIONAL INTERESTS DEVELOPMENT APPROVAL (RIDA)



Ref: RPI17/007

Date: 16 February 2018



- Minos Lease Area
- Minos Borrow Pit
- Proposed Access Track
- Proposed Pipeline

**Proposed Minos Access Track**

Point	Dec_Longitude	Dec_Latitude
1	141.950901	-28.057238
2	141.950743	-28.057654
3	141.950710	-28.057719
4	141.950686	-28.057764
5	141.950660	-28.057795
6	141.949674	-28.058556
7	141.949651	-28.058583
8	141.949620	-28.058635
9	141.949596	-28.058685
10	141.949577	-28.058749
11	141.949567	-28.058794
12	141.949576	-28.058876
13	141.949593	-28.058920
14	141.949589	-28.059009
15	141.949613	-28.059082
16	141.949637	-28.059139
17	141.949677	-28.059187
18	141.949715	-28.059217
19	141.949767	-28.059248
20	141.949851	-28.059283
21	141.949910	-28.059299
22	141.950026	-28.059313
23	141.950126	-28.059302
24	141.950199	-28.059283
25	141.950281	-28.059250
26	141.950338	-28.059217
27	141.950580	-28.059045

28° 03' 15" S

28° 03' 15" S

28° 03' 30" S

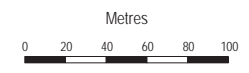
28° 03' 30" S

Aerial Photography - September 2017

141° 57' 00" E

141° 57' 15" E

Queensland  
**PL 301**  
**Minos**  
**Figure 5**  
**Site Footprint**

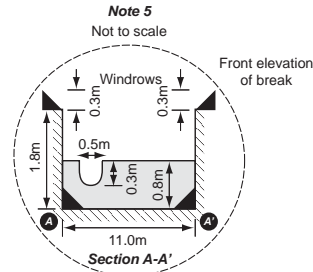


**PLANS AND DOCUMENTS referred to in the REGIONAL INTERESTS DEVELOPMENT APPROVAL (RIDA)**



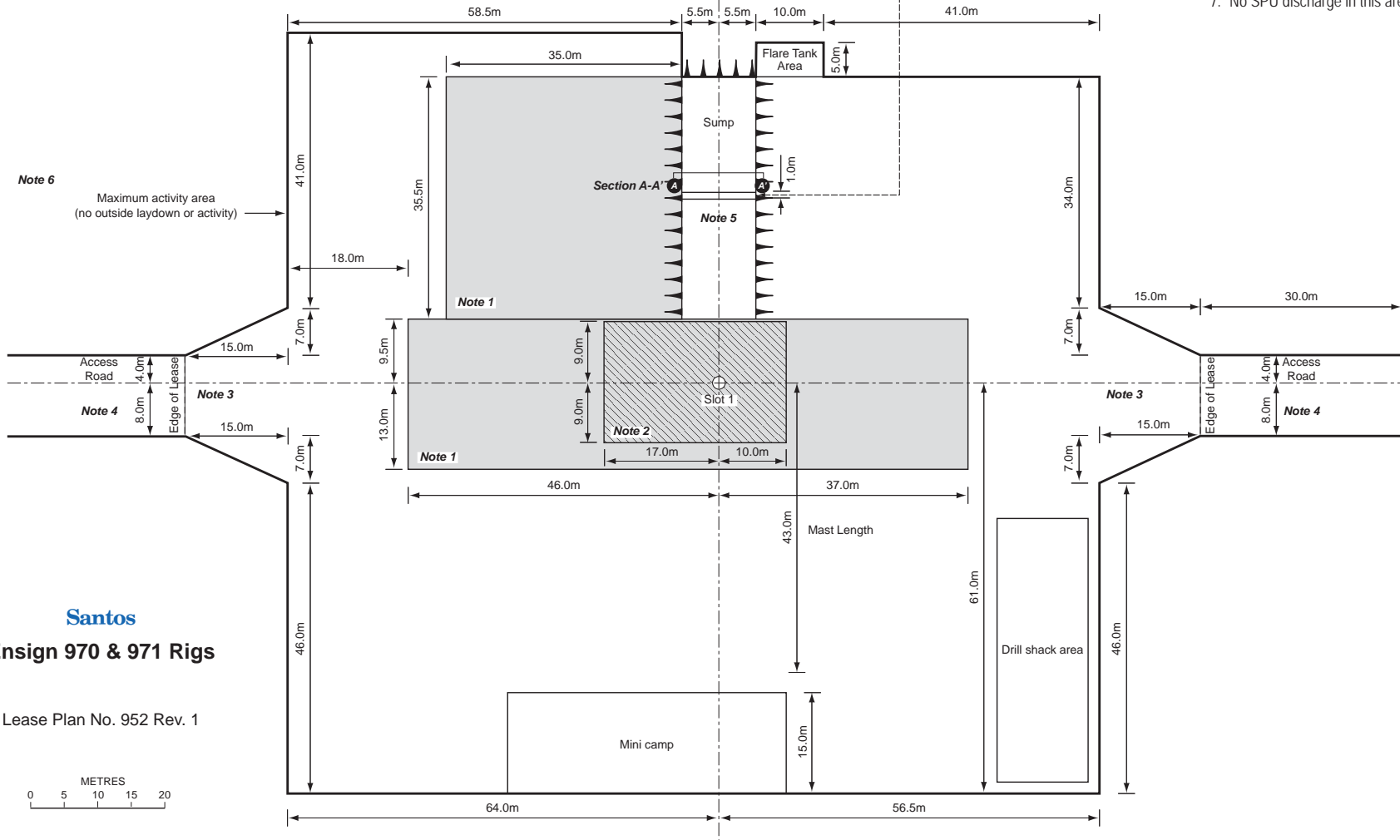
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**Notes:**

1. Lease level tolerance in rig pad area (grey shaded) = 25mm (max) & ground compaction to be firm enough to support rig
2. Rig hardstand pad area (diagonal hatched) to be excavated & clay compacted
3. Slope on skidding locations not to exceed 1 degree in direction of skid path
4. Lease access roads to be as straight as possible leading onto the lease with minimal slope & will taper back gradually from 12m wide at edge of lease to the standard Santos road specification of 6m wide
5. Sump to be 1.8m deep & to have 30cm windrows pushed up on sides except for face of sump & do not under cut sump walls
6. Single access road to be located between lease & water area, access road location is flexible, all road bend radiuses must be 50m, **See Single Access Rd Plan No 942 Rev. 0 for options**
7. No SPU discharge in this area



**Santos**

**Ensign 970 & 971 Rigs**

Lease Plan No. 952 Rev. 1

