

**NOPSEMA NOTIFICATION TEMPLATE**

## REPORT OF AN ACCIDENT, DANGEROUS OCCURRENCE OR ENVIRONMENTAL INCIDENT ON AN OFFSHORE FACILITY

| General   |   |
|---|---|
| 1. The facility name, site name or location where the incident occurred.  | Angel platform  |
| 2. Name and business address of nominated operator or other person responsible for management and operation of the activity.                    | Woodside Energy Ltd<br>240 St George's Terrace<br>Perth WA 6000   |
| Time and date of incident.  | 15th June 2013, 08:45hrs  |
| 3. Names and contact details of any witnesses.  | [REDACTED]@woodside.com.au  |
| 4. Name/position/telephone number of person submitting these details.   | [REDACTED]  |
| 5. Incident type (Accident, Dangerous Occurrence, Environmental Incident)   | Loss of hydrocarbon containment   |
| 6. Brief description of incident ( <i>include under which reporting criteria the incident is being reported</i> ).                              | <p>Angel platform had been shutdown for annual ESD testing and return to service of condensate filter "A"</p> <p>Platform restart operations commenced around 1830 hrs and continued into AP3 well testing activities with the condensate "B" filter system in service. At approx 0112 and as per procedure the gas cap on condensate filter B and then A was bled off to flare via XV11420 and XV11320 respectively.</p> <p>Soon thereafter a loud noise and vibration was noted on the flare line from Condensate coalescer "B"</p> <p>Operators investigated and initial diagnosis was thought to be related to PSV operating on the "B" condensate system.</p> <p>Discussion with NRA CCR and change over to condensate "A" system. Noise/vibration ceased but when operators inspected the condensate system a fine mist of hydrocarbon was noticed high in the structure below the main deck.</p> <p>Immediately contacted NRA and initiated ESD of platform.</p> |
| 7. Work/activity being undertaken at time of incident.  | General operations returning plant to service after shutdown.   |
| 8. Action taken to make work-site safe or avoid or mitigate adverse environmental impact including details of any disturbance of the work site. | Platform ESD executed and facility shutdown and de-pressured.   |
| 9. Was emergency response initiated?  | No  |

### COMPLETE FOR ACCIDENTS AND DANGEROUS OCCURRENCES

| Injuries  |  |
|---|--|
| 11. Name of employer of deceased/injured person(s) [if any and if different from answer in item 2].   | N/A                                      |
| 12. Details of deceased/injured person(s) – including: name, date of birth, sex, residential address and telephone number, occupation/job title and details of injury, details of job being undertaken. | N/A                                      |
| 13. Day of shift and hour of shift (e.g. 5th day of 7, 1st hour of 12).   | N/A                                      |
| Fluid Escape  |  |
| 14. Estimated quantity and composition of fluids that escaped or burned including known toxicity.   | N/A                                      |
| 15. Duration of escape.   | Approx 17mins                            |
| 16. Location and weather conditions.  | West side of platform – Strong ESE wind. |

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| <b>Serious Damage</b>  |  |
|--|--|
| 17. Identify equipment damaged and to what extent.   | Flare line from coalesce 'B' to XV has suffered failure  |
| 18. Will the plant be shutdown and for how long?   | Yes, facility currently shutdown while pipe work relating to source of leak is positively isolated from service. Approx 36 hours shutdown. |
| <b>Immediate Actions</b>   |  |
| 19. Immediate action taken/intended, if any, to prevent recurrence of incident.  | Platform shutdown and made safe.<br>Replace fitting failure on alternate XV and then return the platform to production.                    |
| 20. Immediate cause analysis.  | Failure of XV bleed valve led to induced cyclic vibration on piping  |
| <b>Analysis and Remedial Actions</b>   |  |
| 21. A full root cause analysis report, with actions to prevent recurrence of incident and responsible party and completion date will be issued by: | Investigation commenced, final report is expected no later than 20 July 2013.  |

**COMPLETE FOR ENVIRONMENTAL INCIDENTS**

| <b>Incident Category</b>  |  |
|---|--|
| 22. Hydrocarbon release, chemical release, fauna incident (or other).   | <b>Hydrocarbon release</b>   |
| <b>Fluid Escape</b>   |  |
| 23. Estimated quantity and composition and known toxicity of fluids or gases that escaped to ocean or atmosphere.                 | Hydrocarbon gas/condensate mix release to atmosphere.<br>Nil to ocean.<br>Approx quantity 62kg |
| 24. Duration of escape.   | 17mins   |
| 25. Details of the extent of the impact – including: type, location and details of any environmental damage and/or areas at risk. | N/A  |
| 26. Was a spill contingency plan and/or spill response initiated?   | No   |
| <b>Response, Investigation and Close-out Details</b>  |  |
| 27. Immediate action taken to prevent further environmental damage and contain the source of the release.                         | Platform ESD and remains shut in.  |
| 28. Arrangements for internal investigation.  | Rope access NDT inspectors being mobilised.  |
| 29. Immediate cause analysis.   | Failure of bleed valve induced cyclic vibration.   |
| 30. Corrective actions taken or proposed to prevent recurrence of similar incidents with responsible party and completion date.   | To be developed.   |