

Notifiable incident

Incident ID [5258](#)

Duty holder: Woodside Energy Ltd
Facility/Activity: Greater Enfield Tieback
Facility type: Petroleum Activity

Incident details	
Division	Environmental Management
Notification type	Information Provided
Incident date	10/02/2018 10:30 AM (WST)
Notification date	10/02/2018 08:17 PM (WST)
NOPSEMA response date	10/02/2018 09:00 PM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Other
Initial category <i>(based on notification)</i>	Information provided to NOPSEMA
3 Day report received	10/02/2018
Final report received	10/02/2018
All required data received	10/02/2018
Final category type <i>(based on final report)</i>	Environment Reportable
Final category <i>(based on final report)</i>	EM - hydrocarbon vapour / petroleum liquid release
Brief description	INFO- Gas release at sea bed during drilling operations
Location	
Subtype/s	Well
Summary <i>(at notification)</i>	<p>NOPSEMA was contacted by [REDACTED] from WEL (Titleholder) to advise that surface gas was detected in 805 metres of water by an ROV during drilling activities in 17.5 inch hole. The bit was at TD (Approx. 1570 metres).</p> <p>The volume of gas released was not quantified but it is assumed to be greater than 1kg.</p> <p>Kill weight mud (SG 1.27) was immediately used to control the gas and bubbles disappeared immediately.</p> <p>No further issues identified and operations continued in overbalanced condition.</p> <p>WEL confirmed that all precautions were taken and they were operating within documented processes and procedures.</p> <p>The WEL representative did not know the threshold for a reportable incident nor could he provide a reference to the EP in force for the activity</p> <p>The delay (exceeding 2 hours) in relation to the notification was attributed to WEL being not sure if the incident was notifiable. He apologised for the delay in notifying NOPSEMA.</p> <p>[REDACTED] has entered this event as information only until confirmation is received that it is notifiable. As such he have picked the nearest EP ref in relation to Greater Enfield.</p>

Details <i>(from final report)</i>	<p>THIS IS ALSO A WI INCIDENT #5257</p> <p>NOPSEMA was contacted by [REDACTED] [REDACTED] from WEL (Titleholder) to advise that surface gas was detected in 805 metres of water by an ROV during drilling activities in 17.5 inch hole. The bit was at TD (Approx. 1570 metres).</p> <p>The volume of gas released was not quantified but it is assumed to be greater than 1kg.</p> <p>Kill weight mud (SG 1.27) was immediately used to control the gas and bubbles disappeared immediately.</p> <p>No further issues identified and operations continued in overbalanced condition.</p> <p>WEL confirmed that all precautions were taken and they were operating within documented processes and procedures.</p> <p>The WEL representative did not know the threshold for a reportable incident nor could he provide a reference to the EP in force for the activity.</p> <p>The delay (exceeding 2 hours) in relation to the notification was attributed to WEL being not sure if the incident was notifiable. He apologised for the delay in notifying NOPSEMA.</p> <p>[REDACTED] has entered this event as information only until confirmation is received that it is notifiable. As such he have picked the nearest EP ref in relation to Greater Enfield.</p>
Immediate cause/s	N/a
Root cause/s	
Root cause description	
Release type	Hydrocarbon gas
Equipment	Other
Gas (kg)	1

Duty inspector recommendation	
Date	12/02/2018
Duty inspector	[REDACTED]
Recommendation	Do not conduct Major Investigation
Reasoning	Not applicable
Supporting considerations	

Major investigation decision	
Date	12/02/2018
Decision	Do not conduct Major Investigation
Reasoning	Not applicable
Supporting considerations	

Non-major investigation review and recommendation	
Date	19/02/2018
Inspector	[REDACTED]
Risk gap	
Type of standard	
Initial strategy	

Recommended follow up strategy	
Recommended strategy	Investigate
Supporting considerations	Well integrity incident notification 5257 - to be followed up by desktop inspection. The well section being drilled at the time is not the reservoir section, so the source of gas is unclear. This has not been reported to NOPSEMA as an environmental incident; but information provided. Consequently, there is no information available on the source or potential consequence of the event to conduct a risk gap analysis. It is recommended that this be included in the scope of the upcoming GED EP inspection #1734.

Non-major investigation decision	
Date	20/02/2018
RoN	
RoN review result	Agree with recommendation
Strategy decision	Investigate
Supporting considerations	

Associated inspection	
Inspection ID	1734

Runsheets entries		
1	Event date	31/01/2019 03:52 PM
	Event	Amended category in details tab to 'EM - hydrocarbon vapour / petroleum liquid release' from 'WI - Loss of integrity - >1 kg gas released' to correctly align with the Division recorded in the Notification tab of 'Environmental Management'. Will advise relevant inspectors accordingly.