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| DATE | LOCATION | TIME | CH4 | Duration |  | FACTORS MENTIONED |
| 23/02/2017 | MG103 21ct B to C | 0:00am |  |  | Whilst mining in MG103 21ct B to C, SIS – GMO16B borehole was intersected. The hole was planned to be low flow due to supposedly being fully grouted. The borehole released medium to high flow hole levels of gas and the gas monitor on the internal ducting on the auxiliary fan tripped the fan and face power was lost. The crew withdrew from the face to the last open C/T. |
| 18/04/2017 | MG102 30ct gas stub | 9:51am | 2.83% | 4 Minutes 30 Seconds | Radco reaming out hole in the P –seam due to it being blocked. Due to the CH4 sensor being located so close to the rib line (300mm) just inbye of the discharge point the CH4 level rose to a maximum of 2.83% tripping the power to the development unit. The operators realised what had happened and shut of the gate vale allowing the discharge.  The CH4 sensors location did not represent a General Body reading of the atmosphere. There was no increase in back ground gas levels with a working group 100m inbye and the PGD CH4 sensor used by the Radco operators did not alarm in the drilling niche.  |
| 29/08/2017 | MG 103 B 26 to 27 c/t Ch 102m | 9:18pm | 4.6% | 4.6% in the auxiliary fan Within the ducting of the Aux fan reached 4.6% remained at this level for only a few seconds and returned to below 2.5% within 90 seconds.The CH 4 sensor at the hefty drive at 19 C/t reached a peak of 1.3% from a back ground of 0.7% and decaying to approx. 0.8% approx. 9 minutes later. The CH4 sensor at MG 103 dogleg peaked at 0.65% from a background of 0.32% decaying to approx. 0.4% within approx. 15 mins. | While working on CMK03 the crew heard and felt two bumps. The Altair’s that the ERZC and Miner driver were carrying started to alarm so the crew started to move off the miner which then tripped power. As the crew were walking off the miner the ERZC detected 3.3% CH4 in the general body on his Altair. The crew moved to a place of safety outbye of the last open c/t.**Floor Blowers?** |
| 18/11/2017 | MG103B heading 30-31c/t  | 1:05am | >3%Off scale | Duration Unknown | Whilst mining the transformer tripped on high temperature dropping power to the panel. The electrician powered the DCB. The ERZ Controller inspected the B heading face and found off scale CH4 layered on the roof and 3.0% CH4 GB at the face due to blowers in the floor. |
| 29/11/2017 | MG 103 32c/t B – Hdg development face | 8:15am | >2.5%Over  | Over 30 Minutes | An unplanned power trip stopped the aux fans in MG 103 panel. On inspection at 8:15am prior to restarting the fan the ERZC found a concentration of CH4 of approx. >2.5%. The fans were repowered and running at 8:42am. The electrical enclosures were the degassed as per GRO SWI 3783. |
| 26/06/2018 | MG103 / 104 Bleeder Road | 8:55am | >2.5% | 90 Minutes | Underground Power at Grosvenor was interrupted due to damage to the underground realtime gas monitoring system. “weekend” ventilation to ensure the development headings remained ventilated. During an inspection at 10:00 the ERZ Controller found greater than 2.5% CH4 general body behind the continuous miner in the bleeder road of 104. Power was restored and the degassing process was commenced at 10:25.26/06/2016 |
| 29/10/2018 | MG104C Hdg 22-23ct and was 60m from the last open C/T | 2:50am | >2.5% | Approximately 30 Minutes*Floor heave could be observed after the event in the area from the 45 -50m mark up to the back end of the C/M.* | An incident occurred in Development Panel on the 29th of October at approximately 2:50am. The Continuous Miner was producing in C Hdg 22-23ct and was 60m from the last open C/T. Miner at the face completed the cut cycle and started bolting with the Shuttle car at the boot end when a release of gas / floor heaved behind the C/M. (reading greater than 2.5 % recorded on the Miner Drivers PGD). The C/M tripped power correctly. *Floor heave could be observed after the event in the area from the 45 -50m mark up to the back end of the C/M.* |
| 03/11/2018 | MG104B Hdg 22-23ct and was approximately 60m from the last open C/T. | 12:15am | 3.25% CH48ppm H2S | Approximately 20 Minutes | The CM operator noticed a smell and noted that the CH4 sensor on the heads accelerated very quickly and tripped power to the CM. At this time the men retreated back to fresh air. The CM operator checked his Personal Gas Detector for peaks and noted a peak of 3.25% CH4 and 8 ppm H2S. The ERZ controller conducted his inspection and found that the GB behind the CM was 0.3%, he found max layering of 0.5% CH4 at the CM. On Chris’s way back to the intersection he found fresh cracking on the floor from approx. the 25-50m mark. Prior to recommencing production the CM was checked for gas (no purging required) and a venturi blowing towards the affected area was set up. |
| 09/11/2018 | MG104B Hdg 22-23ct and was approximately 140m from the last open C/T. | 12:55am | 3.6% |  | . The Continuous Miner was producing in The crew on the continuous miner were conducting bolting activities when an increase in CH4 was noted. At this time the men retreated back to fresh air. The Gas Detector at the continuous miner recorded a peak reading of 3.6% CH4. The outbye general body gas sensor at the dogleg read a peak of 0.36% CH4. Prior to recommencing production the CM was checked for gas (no purging required) and the area was mapped for floor heave / cracking and geological structures, |
| 23/11/2018 | MG104in 24ct and was approximately 5m into the break off from C Hdg. | 3:35pm | 3.1%Off scale | Approximately 20 MinutesA floor heave event occurred releasing CH4 gas into working face in MG104 | The Continuous Miner was producing A floor heave event occurred releasing CH4 gas into working face in MG104. The Gas release event caused the Continuous Miner to trip power on the GB gas sensor. Hand held Gas Detector at the continuous miner recorded peak readings of 3.1% CH4 while the second unit presented an off scale reading. The outbye general body gas sensor at the dogleg read a peak of 0.43% CH4. Ventilation at working face with both aux fans running was 29m3sec |
| 01/12/2018 | MG104in B Hdg 23-24ct and was approximately 66m from the last open ct | 2:28pm | Off Scale |  | . The Continuous Miner was producing. A floor heave event occurred releasing CH4 gas into working face in MG104. The Gas release event caused the Continuous Miner to trip power on the GB gas sensor. Hand held Gas Detector at the continuous miner recorded peak readings of 1.1% CH4 while the second unit presented an offscale reading. The outbye general body gas sensor at the dogleg read a peak of 0.34% CH4. Ventilation at working face with both aux fans running was 29m3sec |
| 30/01/2019 | MG104C Hdg 26-27ct with the face at 99m from the last open ct | 5:33pm | >5% at CM2.97% through Aux Fan | Approximately 30 Min*A floor heave event occurred releasing CH4 gas into working face in MG104* |  A floor heave event occurred releasing CH4 gas into working face in MG104. The Gas release event caused the Continuous Miner to trip power on the GB gas sensor and the development crew withdrew from the area. Hand held Gas Detector at the continuous miner recorded peak readings of 5% CH4. The outbye general body gas sensor at the dogleg read a peak of 0.45% CH4. The internal Methane monitors in the Auxiliary fans recorded peak readings of 2.36% and 2.97% CH4 respectively. Ventilation at working face with both aux fans running was 30m3sec  |
| 17/02/2019 | MG104C Hdg 27-28ct with the face at 188m from the last open ct | 12.45pm | 3.1% at CM3.3% through Aux Fan | Approximately 20 Minutes*A floor heave event occurred releasing CH4 gas into working face in MG104*.  |  A floor heave event occurred releasing CH4 gas into working face in MG104. TThe Gas release event caused the Continuous Miner to trip power on the GB gas sensor and the development crew withdrew from the area. Hand held Gas Detector at the continuous miner recorded peak readings of 3.1 and 1.9% CH4. The outbye general body gas sensor at the dogleg read a peak of 0.43% CH4. The internal Methane monitors in the Auxiliary fans recorded peak readings of 3.3% and 2.2% CH4 respectively. Ventilation at working face with both aux fans running was 28m3sec |
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