

RE: HPI 0 meter

From: Confidential

To:

Cc:

Date: Sun, 12 Apr 2020 13:46:17 +1000

Hi All,

I went underground to investigate this morning and found the following;

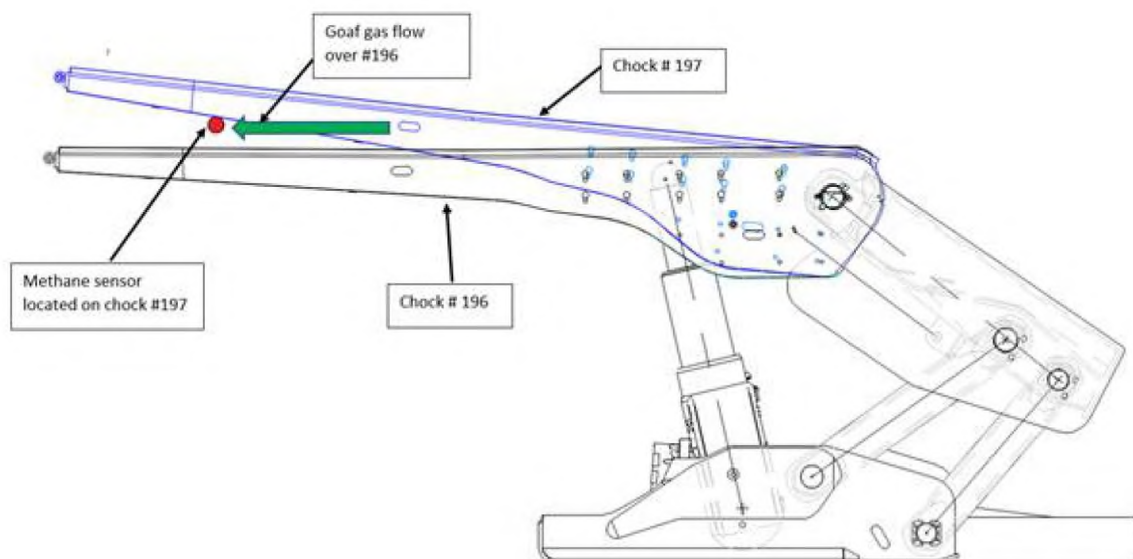
- * Chock #197 was set approx. 300mm higher than #196 as development take additional roof when cutting intersections and the LW cutting parameter is constantly set at 2.1m (this can also occur at other times when the LW is not passing through intersections such as cavities in the TG roadway or tilting of the chock)
- * When this gap occurs it allows goaf gas to pass over the top of #196 and flows straight into the sensor located on #197, as shown in the diagrams below
- * This means in this situation the sensor located on chock #197 is not reading general body, it is reading the layering of gas that flows over #196 (See trending below #197 sensor Vs TG drive sensor)

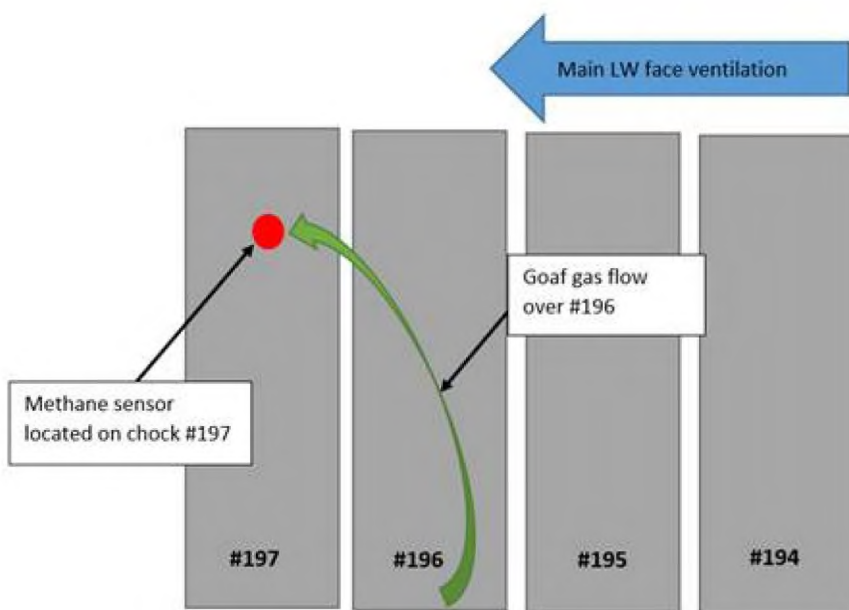
Actions taken

- * N/S has already installed a Sherwood Certain
- * Adjusted the flap installed on chock #194 to provide better airflow in towards the back of the chocks
- * Drained the drill niche at 1ct for the HGH

Further Actions

- * I'll review the LW playback once I get the video file from the LW this arvo to check the correct chock advance sequence was followed
- * Consider increasing cutting profile when entering the TG to suit the roadway height to reduce the magnitude of the gap between #196 and #197 (may need to change this from #190 to stagger the change in height)





From: Fielding, Aaron [Redacted]
Sent: Saturday, 11 April 2020 11:45 PM
To: Confidential
[Redacted]
Cc: Confidential
Subject: HPI 0 meter

Good evening,

This evening at 21:25:56 the 0 meter sensor reached >2% and at 21:25:59 reached >2.5% CH4. The goaf has come in as we have not long come past 3ct in the TG, there is a 300mm gap between 196 and 196 chock and the goaf was passing through over the sensor.

As you can see the TG roadway sensor remained at 1.1-1.3 % during the period, it is clearly the goaf stream coming over the sensor.
I have had the Longwall crew put brattice across the TG chocks to stop the goaf stream coming between the chocks and re-instate the Sherwood curtain in the roadway.

Regards

Aaron Fielding
Mining Senior Official



Confidential
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P
M

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