

The "Gem", "Moonlight" and "Eclipse" Wells.

These Wells are situated on the banks of "Bear Creek", about half a mile distant from the Scholia Branch Railway, and from the "Reliable" Well with the Refinery and Still of which they are connected. The "Gem" Well has a very fine Engine of 50 horse power, and the Eclipse, one of 20 horse power. Both of these are supplied by Steam from the same boiler. The "Eclipse" Engine also works a pump, for forcing the Oil up a 40 feet rise to the level of the Shipping Tank on the Railway. The "Moonlight" Well has a separate Boiler working a Steam Engine of 23 horse power. I am quite satisfied with the condition in which I find these Engines.

The pipes, tanks, and pumps are in fair order and the connection with the Railway is very good. There is now erecting (since Mr. Francis' report) a fine tubular boiler, which from its central position will be well able to work all three Steam Engines, as well as a fourth, should another Well be sunk on the property.

Wood is here used for fuel, but in the event of the supply of wood failing, there should be no difficulty in obtaining the tar residuum fuel from the "Reliable" Distillery.

I would recommend that small additional Storage reservoirs for Water should be made at these Wells, as the supply this summer has run rather short. Also that some of the pipes conveying the Oil from the various tanks, should be more carefully covered in, especially the long line of pipe from these Wells to their own Shipping tank on the Railway.