

Cliffside Refiners Limited Partnership Meeting

July 28, 2020 @ 9:00 AM

Attendees:

(Cliffside) Brad H. Mark M. Rodney C.
(Downtown) Emress B. Sam B. Martin M. Mark W.
(NOC) David S.
(CRLP) Nick D. Bob L. Brad B. Tony K. Mike D.
Kaylyn S.

Roll Call

➤ Noted

Nick D.-Any changes to company or BLM policies about COVID.

Sam B.-Nothing dramatically different over the last week for COVID.

Nick D.-A windsock was installed, gives a visual indicator of everyone to go the opposite direction in case of emergency. My understanding is that it was not put in an optimal spot for pressure relief purposes. Is there an update on that?

Rodney C.-It has been taken down this morning. We locked it out, tagged it out and bled it down, let nitrogen to it and tested it all and chopped it off with a saw and we are going to relocate it on a wood pole down by the meter building.

Nick D.-Ok thank you so the next topic is the plant getting ready for startup and the DGA work. The number 1 was still causing some issues.

Brad B.-When we got out there yesterday, we found that there was no spark and that is why the pilots were not lighting on number 2 burner. It was adjusted and immediately lit off the first try. The fuel valves were open, and it ran for 5-10 minutes. We were able to keep it running a few minutes. As we looked at the fuel settings and the fuel pressure, it just seems to be off. The humidity was high yesterday too. My intentions are to revalidate and continue to restart it. Ken thinks that it is a fuel or air issue now and the spark issue on the pilot was the main issue earlier. We can see that the flames of the fire eye are erratic but it is candling from too much air or too much fuel.

Nick D.-We need both burners to operate?

Brad B.-Yes.

Sam B.-Have there been any thoughts on a propane assist like Mark mentioned?

Brad B.-We spoke about it many times, there is an old estimate I have, and we have to get a re-estimate on it.

Sam B.-Isn't it the burners that would run off the propane. Don't you only need it to get both burners running.

Brad B.-The burners are tuned air and fuel mixed ratio according to both high and low BTUs. If he sets it up to have two then you would have two fuel bottles and two pilots the whole works. He would adjust it to where you run propane with an air mixture and then switch it over to the high BTU to be tuned with the high BTU and the air as well. It is not the same animal according to him.

You would be able to flip a couple of manual valves and there you go. What really makes a problem is high humidity and cold temperatures because he is adjusting it to where it will run on both. If we put in a propane tank or even just reinjection, we are going to go into a well that has a certain amount of piping then you have a certain volume that you would be able to draw back on too.

Sam B.-I don't know if that is something to make possible a project for the reinjection to get that gas back over to the reboiler as well.

Brad B.-I looked at it yesterday and it wouldn't be a whole new project.

Nick D.-It would be a separate project but yeah it wouldn't be prohibited because of the other project. It would just be coming up with a new cost estimate and getting approval.

Brad B.-I really think that something isn't lining up. He says that it is candling which is either a fuel or an air mixture.

Nick D.-Ok so he is going to call you back. Then just update us on that.

What is the alternative for Ken do we have other people?

Brad B.-We used another tech when he wasn't available, and he never got us up and running and we used Ken when he was available to get us up and running.

Nick D.-We will await Ken's comments and then get an update for the cost basis and then Kaylyn we can get that together and get that to Emmett.

Mark M.-The projects we have in place will resolve this in time. Once we start injecting into Bush A9 and it builds up enough to where we can get that gas back this problem may go away. Once we pressurize Bush A9 we should be able to get the pressure back.

Nick D.-You may be right. I agree with that. Meanwhile we can put that proposal in front of Sam and Emmett.

Nothing other than that right now. The outage planning, I am leaning toward September 14th after the Labor Day holiday. Hopefully by then we would have pipeline pressure rebuilt and not have any issue there. Tony and Brad and Sam your team just look out to that date and see if that is a schedule that you would be able to accommodate and then we could get the contractors in line too.