

Cliffside Refiners Limited Partnership Meeting

April 7, 2020 @ 9:00 AM

Attendees:

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

Roll Call

➤ Noted

Antitrust applies, multiple companies on the call.

Nick D.-Agenda has routine stuff in it I listed 4 items of real interest this morning. First one is clarifying COVID-19 programs that are in place. Any updates or issues to share with the group?

Sam B.-There is an update from Rodney's crew. There are folks that go out and take samples from various plants for quality control and assurance so there should probably be a better hand off system. So, we might want to change that or even stop that given the current situation.

Nick D.-I think that is a valid statement. What is the downside of missing samples? If it isn't much, then I think we should suspend that. If there are other solutions, then we could think of that. If there are suggestions, then we can discuss that at the next call or even the Storage Meeting later this morning.

Operational issues-When we talked last week, there was some dialogue between the BLM, Brad B. and his team and what evolved was a modified operating plan which the plant CHEU could be turned down. The K200 was at one point shut down. The whole theory was to minimize line pack. Mark and his team have not only lowered plant out put but has been able to manipulate wells and have also done some reinjection.

Mark M.-Friday we were going to begin the process that AP gave us to turn down the plant it was a 7 or 8 day turn down. Friday morning the booster tripped on high suction at about 6:15 AM. At that point we decided to not restart it and proceed on from that point. So by the end of the Day Friday we had settled out into the mid-range of those numbers. Plant was running at a fresh feed from the field of 10M and 2.5 recycle coming around we were in 12.3M – 12.5M range on feed to the cold box. It stayed steady for the most part. We had a problem on one occasion where the reduced nitrogen flow did not complete the cooling cycle and we had to stop

the TSA and put it in manual to allow it to cool down with ambient night air and that worked. Then we had some problems last night with not having enough nitrogen flow to get the safety on the TSA heater, the safety permissive there. So, we got through the night by adding a little bootstrap gas to complete the TSA heat cycle. We brought the pipeline pressure down somewhat. We have not taken any gas out of the Helium Conservation pipeline and injecting yet. We did experiment with injecting 100% of our own crude helium out and back into Bivens A6 and A13 and that works just fine. For the first time anyone can remember we are injecting into two wells at once. That is kind of where we are at.

Nick D.-Any other discussion on that?

Nick D.-Moving on to the third item, BLM had approached Tony about issues with Waukesha #3. There were tentative schedules put in place to carry out service, realizing you have 3 Waukeshas can get by with one. BLM reviewed the requirements and the plan, Sam you want to report on that?

Sam B.-In trying to act under caution, we think we can postpone the workover for the Waukesha and limit personnel in the plant, we want to try to push that out. Currently, we don't think it is a pressing need to have that other Waukesha working right now. We think we can put it off.

Nick D.-I think that is a good review. BLM looked at the alternatives and I think that is a reasonable decision based on the circumstances. Ok, so we will delay work on that until further notice.

Then the last thing is minimization of travel to Cliffside. Doesn't mean that no one can go there if something comes up and we need to address something then we need to decide if it is critical and then decide what we are going to do in a safe manner. So those are the hot items to me I can open the floor, does anyone have any other subjects we need to talk about today?

Tony K.-Any changes in K100?

Mark M.-It is running great. Cylinder 2 is running 8 degrees hotter than other cylinders. Sometimes it is running the same temperature as the other cylinders. So, we had a very successful repair job.

Tony K.-Ok great.

Mark M.-there are no noises involved. On Saturday, we started getting alarms on Cylinder 6 for vibrations. It just kept repeating, it was quite a constant alarm. I called Seth out and the first thing he did was tighten wires and that fixed the problem. The positive lead going to the transmitter had a loose wire and tightening that fixed the problem.

Tony K.-So that 8 degrees has been consistent it hasn't grown to that since we put it in?

Mark M.-No that has been from the beginning, it went away for reasons I don't know and then came back I think it has to do with the pressure. When we weren't outputting very much it was the same temperature as the others.

Nick D.-Ok Emress thanks for setting it up.