

- **11:30** – power outage: 6-35 Atco substation voltage regulator failure – south A & B pool affected by power as well as main facility 7-6 PC and miscible
- **11:40** - PC blocked in the inlets to deal with high level of the process vessels
- **11:45** - PC ESD due to low instrument air
- In holding pattern until power came on about 2:30
- **2:30** - power was restored,
- **2:30** - getting rid of high levels in inlet separator
- **4:00** - opening up inlets smoke was seen from the CCR
- **4:15** - arrived at 8-35 to determine if there was a failure – there were flames 30 ft. in the air –X notified CCR of failure
- **4:17** – X and XX responded – offered assistance with both track hoe and sand bags/manpower. Ops accepted their assistance sent to south side of the fire to contain release
- **4:25** - Roadblocks set up by Covolt
- **4:29** – X alerted X and X and X.
- **4:35** - received call from Swan Hills Fire Chief and he was asking if we needed assistance. We said Yes.
- **4:37** –was notified and initiated dispatching additional cleanup crews and equipment
- **4:45** - X went and located X and shut-in the 2 grouplines at 13-36 from 8-35 manifold to prevent back flow to the break site.
- **4:45** - shut in group valves at 8-26, 4-24, 2-22.
- **4:45** - shut in 8-33 group line, 8-28 inlet to the 8-33 manifold and B pool group line at 8-33 manifold
- **4:45** –initiated ERP
- **4:50** - shut in groupline at 5-35 sat. and 8-35 sat.
- **5:06** - contacted Fortis to isolate power if they had to, did not need to isolate
- **5:15** - Isolated leak – flames died down
- **5:17** - X and SH Fire Dept. arrived at 8-35
- **5:30** - Ops arrived back at 8-35 sat., the Fire Chief showed up, SRD showed up around the same time
- **5:35** - Crews show up with sand bags to begin containment of spill
- **5:35** - Decision was made to allow fire to self extinguish
- **5:40** - Carlan throws in first boom in Judy Creek at the culvert at the main road into the PC
- **5:40** – First sampling by Quantabs were being taken by Carlan.
- **5:45** – Once set in place, next one set up at 70 yards downstream of spill entrance (at first beaver dam), boom was set up at 4-36 where the creek crossed the road
- **5:45** - Hydrovacs arrived on site and started cleaning. Focus was on ditch lines residual spill.
- **5:45** - Spot fires are extinguished by Fire Dept. with a 30 lb. ansul
- **5:45** – X, X, X, X, and X showed up. X showed up shortly after. Spill assessment commenced.

- **5:46** - Assessed 8-35 8" fiberglass groupline failure/fuelling fire with produced water and crude oil release running down road to creek.
- **6:00** - SH Fire Dept. Chief, SRD, ambulance left location.
- **6:46** - X received call from ERCB. ERCB assessed it at a Level 1.
- **7:04** - Off site Command Centre set up at Field Office
- **7:05** - Emergency team assessed incident at a Level 1 – called Airborne for aerial surveillance
- **7:10** - Decision made to blind both lines at 13-36 header coming from 8-35 manifold and shut every well physically that goes to every sat. Lockouts completed at satellites.
- **7:10** - X provided updates to other internal Pengrowth contacts
- **7:49** - Alberta Environment contacted X
- **8:39** – X called Alberta Environment Hotline (as requested by Alberta Environment so Environment Canada would be notified)
- **8:45** – X, X, and X went up in the helicopter; initial assessment - could not see sheen until 6-36 lease road culvert (just under 1 km from entering Judy Creek)
- **9:00** - Quantabs were being taken by Carlan. Samples were taken every 3 hrs. throughout the night.
- **9:05** - Additional booms were placed at 6-36 and 8-36
- **9:26** - OH&S called X when booms were being placed. OH&S were notified by the ERCB.
- **9:49** - Spill volume was est. to be 80 m3
- **9:50** - More supplies were being delivered from the city for spill containment, booms, containment socks, etc. Arrived after midnight.
- **10:00** - Ops. returned to Command Centre to establish startup procedure of unaffected field locations. Assess potential pressure related issues due to sequence of events.
- **10:10** - Proceeded to field to commence startup and decision was made to run with nightshift operations to monitor for leaks and kept area secured.
- **11:15** - X made call to CleanHarbours
- **12:00 midnight** - X ordered up additional equipment for the morning (mulcher, vac trucks, etc.)
- **12:30** – 85% of field restarted – field ops. went home for day.