EXL. J

FACILITY SUMMARY

Process Flow Through the Hawk B-1 Battery:

The Hawk B-1 battery currently consists of a free water knock out, a heater treater, two test separators, a fluid scrubber, two 500 bbl steel oil storage tanks, a LACT meter run, two water storage tanks and two gas sales meters along with associated piping and valves between vessels. Oil, water, and gas production enters the battery at the production header through individual well flow lines. The production stream from each well is then directed through either a common pool line or through one of two test lines by virtue of a valve system at the production header.

Process Flow Through the Hawk Federal B-1 Battery:

The Hawk Federal B-1 battery currently consists of two 3-phase test separators, a gas scrubber, a heater treater, two 400 bbl steel oil storage tanks, two water storage tanks (same two water storage tanks as are mentioned in the Process Flow Through the Hawk B-1 Battery) and one common gas sales meter. Production from the Hawk B-1 #69 and Hawk B-1 #70 Abo wells both enter a common header system, which isolates each well from the other via a valve system. Each well's production first enters their own 3-phase separator where oil, gas & water are all individually metered by well. The two gas streams are then commingled and sent through a gas scrubber prior to a common gas sales meter. Oil production from the two separators is then commingled and sent through a common heater treater prior to storage in the common oil tanks before being trucked to sales. Water production from both separators is sent to the common water storage tanks prior to trucking to disposal. The heater treater is fired year round with gas from the common scrubber prior to sales.





