



Boies Ranch Produced Water Pit Attachment C List of Equipment/Facilities

CONSTRUCTION

- Bulldozers, backhoes, tandem and bob-tail water trucks, tandem and single dump trucks, crane, boom truck, man lift, blade, fork-lift, trencher, pickup trucks, post hole diggers, skid-steer, compactors and temporary generator

FACILITIES

- Gated 42" Livestock Fencing surrounding facility & 8' Wildlife Fence surrounding Pit
- Waterfowl and bird net encompassing the Pit
- A tested dual Lined Pit with geomembrane, vent tubes, leak detection indicators (new combined with old technologies) and two (2) floating electric charge pumps.
- Master Control Center Building/Pump House approx. 20' x 30' x 12'
- 3 HWSB Polishing tanks (1,000 Bbls each)
- 2 Condensate tanks (400 Bbls each)
- 1 De-sander tank (750 Bbls)
- Secondary containment for tanks (corrugated steel ring and liner)
- Combustor
- Concrete offload apron
- Solids mixing area including two (2) metal bins
- System Piping - Trucks off load fluids into two (2) 6" inlet pipes (approx. 100' combined) to a De-Sander tank, which flows into there (3) Polishing HWSB tanks through three (3) 8" lines (approx. 30' combined). The Polishing HWSB tanks each discharge through a 10" line (approx. 20' each) and tee into a 12" line inside the containment. The buried 12" line will flow directly to the Produced Water Pit, and be approximately 200'. The fore-mentioned piping is all carbon steel. A buried 10" poly waterline from the field (approx. 200' on the facility site) will also be plumbed into the Polish tank, and go through the same process.
- MCC Building /Pump House Piping - The pumphouse will contain 2 electric pumps and a variation of steel fittings, pipes, and valves located inside the Resolution 35 building. It will contain bypass lines, inlet and outlet, recirculation lines to match the need of the field and facility, the range will be 2", 4", 6", 8" and 10" lines.
- Pit Circulation Piping - The Pit will be fitted with a 6" steel circulation line that will encompass the entire pit (approx. 2700' inside the netting structure) and will distribute recirculated water to 2" steel "pipe drops" (approx. 16 each) that assist in circulating the pit. This line is tied in with the pump house.