

COGCC Environmental Inspection April 7, 2016 – Arauza



Figure 1 - Tank battery signs.



Figure 2 - Localized, oil-stained soil at tank battery and oil staining on north side of SE tank.





Figure 3 – Erosion rill outside of north berm of tank battery (above) and view of gap beneath berm from the inside (below).



Figure 4 - Various chemical storage containers with localized stained soil inside of heater treater berm and open bucket used to capture oil/grease.





Figure 5 - Propane tank west of heater treater berm with oil stain.



Figure 6 - Excavation observed SE of pit complex. Bottom photo is centered on possible flowlines leading into excavation.





Figure 7 - Well sign.



Figure 8 – Localized, oil-stained soil associated with exhaust lines on east side of pump jack shed.





Figure 9 – Chemical storage containers at pumping unit lacking secondary containment.



Figure 10 - Produced water vessel.





Figure 11 - Oil and stained soil around perimeter of SE produced water pit.

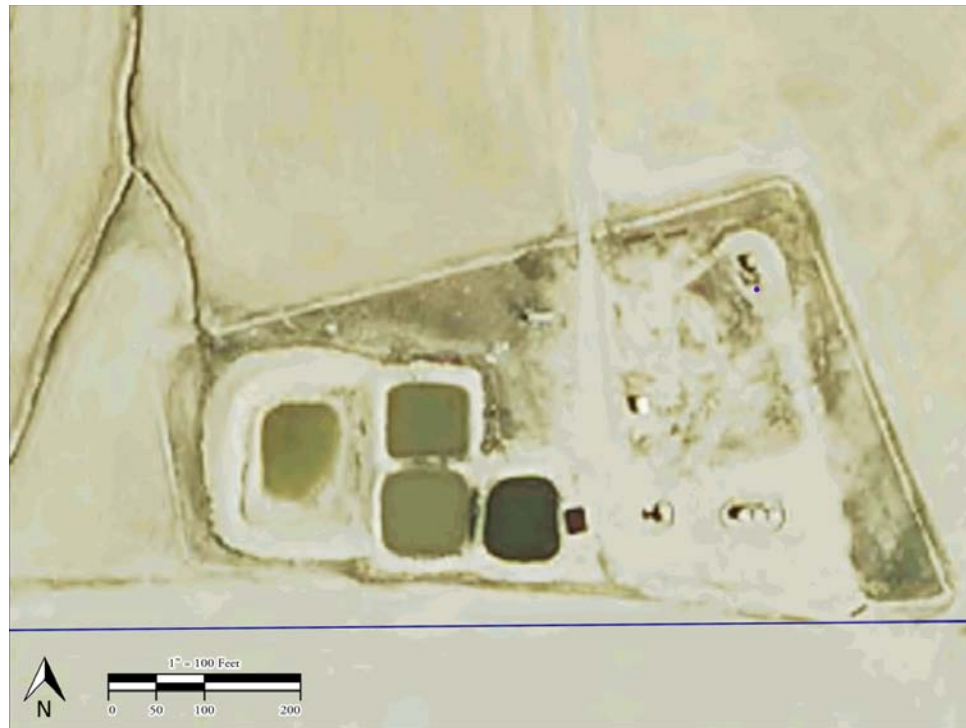


Figure 12 - Aerial photographs from 2013 (above) and 2015 (below) illustrate expansion of northern production pit and addition of three (3) crude oil tanks to tank battery.