

Reference Area Photographs

Inspection Conducted on April 21, 2015

**Vanguard Operating
MDP #6 Multi-well Pit
Location Facility # 416979
Pit Facility ID #430352
API 045 19420**

Vanguard MDP #6 Multi-well Pit



Sign by the tanks with list of wells and operator's information.



Dedicated inlet water line is currently disconnected. Water from other go to the tanks, and from there to the multi-well pit (through the dedicated line).

Vanguard MDP #6 Multi-well Pit



View of the multi-well pit. Looking west-southwest. Pit is fenced and colored flags are in place for bird protection.



View of the facility from the hill, looking west. No weeds or junk were observed on premises. No staining observed.

Vanguard MDP #6 Multi-well Pit



View of the pit. Water from snowmelt and recent rainfall. No oil residue was observed. The pit is currently inactive.



Liner system consists of two layers of geocomposite made of felt and geogrid, below and between the two liners. Secondary liner is 30 mil thick. The primary liner is a XR5 8130 reinforced 30 mil thick liner.

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Leak Detection system consists of two pipes connected to two sumps, respectively. One sump is hydraulically connected to the space between liners (geocomposite) and the other one is connected to the geocomposite below the secondary liner.



Vent system connected to the space (geocomposite) between liners to allow for any gas accumulation to be vented to the atmosphere.