

Types of Methane Leaks from Orphaned Wells

1) Methane venting from open well hole

2) Methane venting from open well hole and via soil due to fractures in the well bore

3) Methane leaking from multiple valves, connectors, cracks in an orphaned well with legacy well head / infrastructure

4a) Methane not detected at opening of well

4b) Same well after a heavy rainfall event or after snowmelt in spring where the water forces methane that has permeated into the soil back into the well bore

