```
root@ubuntu:~# pvcreate /dev/sdb
  Device /dev/sdb not found (or ignored by filtering).
root@ubuntu:~# dd if=/dev/zero of=cinder-volumes bs=1 count=0 seek=2G
0+0 records in
0+0 records out
0 bytes (0 B) copied, 2.5647e-05 s, 0.0 kB/s
root@ubuntu:~# losetup /dev/loop2 cinder-volumes
root@ubuntu:~# pvcreate /dev/loop2
  Physical volume "/dev/loop2" successfully created
root@ubuntu:~# vgcreate cinder-volumes /dev/loop2
  Volume group "cinder-volumes" successfully created
```