#Numbers of pipelines by company

owner<-read.csv("/Users/lydia/Desktop/Owners\_122120.csv", header=TRUE)

names(owner)

owner<-owner[c(3,4,7,9,10,12,13,15,16,18,19,21,22,24,25,27,28,30,31,33,34,36,37,39)]

names(owner)

frame1<-owner[c(1,2,3,4)]

frame2<-owner[c(1,2,5,6)]

frame3<-owner[c(1,2,7,8)]

frame4<-owner[c(1,2,9,10)]

frame5<-owner[c(1,2,11,12)]

frame6<-owner[c(1,2,13,14)]

frame7<-owner[c(1,2,15,16)]

frame8<-owner[c(1,2,17,18)]

frame9<-owner[c(1,2,19,20)]

frame10<-owner[c(1,2,21,22)]

frame11<-owner[c(1,2,23,24)]

names(frame1)[3]<-"Owner"

names(frame2)[3]<-"Owner"

names(frame3)[3]<-"Owner"

names(frame4)[3]<-"Owner"

names(frame5)[3]<-"Owner"

names(frame6)[3]<-"Owner"

names(frame7)[3]<-"Owner"

names(frame8)[3]<-"Owner"

names(frame9)[3]<-"Owner"

names(frame10)[3]<-"Owner"

names(frame11)[3]<-"Owner"

names(frame1)[4]<-"Percent"

names(frame2)[4]<-"Percent"

names(frame3)[4]<-"Percent"

names(frame4)[4]<-"Percent"

names(frame5)[4]<-"Percent"

names(frame6)[4]<-"Percent"

names(frame7)[4]<-"Percent"

names(frame8)[4]<-"Percent"

names(frame9)[4]<-"Percent"

names(frame10)[4]<-"Percent"

names(frame11)[4]<-"Percent"

combo<-rbind(frame1, frame2, frame3, frame4, frame5, frame6, frame7, frame8, frame9, frame10, frame11)

gas<-subset(combo, Fuel=="Gas")

gasnum<-table(gas$Owner, gas$Status)

write.csv(gasnum,'/Users/lydia/Desktop/Gas Pipelines by Owner.csv')

oil<-subset(combo, Fuel=="Oil")

oilnum<-table(oil$Owner, oil$Status)

write.csv(oilnum,'/Users/lydia/Desktop/Oil Pipelines by Owner.csv')

ngl<-subset(combo, Fuel=="NGL")

nglnum<-table(ngl$Owner, ngl$Status)

write.csv(nglnum,'/Users/lydia/Desktop/NGL Pipelines by Owner.csv')