Q. Dry steam, Wet steam & Hot water Geothermal Systems

- Hot Water Flow: Hot water field containing a water reservior at temp ranging 50°-100°C

- Such field without much steam content can be useful for house heating & agricultural purpose the temperature in the field is less.

- The reservoir contain water in the liquid phase below the boiling point of water under pressure

- The Geyser Plant of USA is the largest plant in the world today.

Q. Wet steam Fields - The wet steam field contain pressurized water in reservior at temp. higher than 100°C.

- When hot water at high pressure is brought to the surface, its pressure is sufficiently reduced & some water will get flashed into steam & remain in the form of boiling water

- The resulting mixture of water & steam, such field are wet.

= Dry stream field. These field are similar to wet, steam fields but depth from the depth is my higher

- These occasion produce superheated steam at pressure above atm.

- The permeability of these fields is lower than wet fields