

Pearl Shotpoint Information

The Pearl Hot Springs experiment was shot in two parts. A longer, deeper penetrating line referred to as Pearl.sgy in the data set and a shorter, shallower penetrating line using minishots and referred to as MiniPearl.sgy in the data set. There were 13 shots on the longer line and 190 shots on the shorter line. The explosive used on the longer line was aluminized pentolite in screw together seismic charges. The explosives used on the shorter line were 150 g pentolite boosters. Both were detonated with detonators in the charge. The table below gives specific information for each of the longer line shots. The shorter line charges were all set at a depth of 3'. None of the larger charges ejected anything to the surface. Only a few of the smaller charges ejected material to the surface. All charges were drilled, loaded and shot in January 2011.

Shotpoint Number	Date Loaded	Bottom of Charge	Top of Charge	Charge Weight
2	1/5	80'	37'	37.5 kg
3	1/5	76'	43'	40 kg
5	1/11	48'	30'	20 kg
7	1/12	55'	33'	25 kg
8	1/6	41'	32'	10 kg
9	1/6	41'	32'	10 kg
11	1/7	41'	32'	10 kg
13	1/7	41'	32'	10 kg
15	1/7	33'	24'	10 kg
17	1/10	55'	35'	22.5 kg
19	1/8	42'	33'	10 kg
21	1/9	23'	18'	5 kg
22	1/10	30'	21'	10 kg