

With some difficulty, I managed to locate 9 underground nuclear test sites inside the US but outside the Nevada Test Site. Project Faultless was the only nuclear explosion in the megaton range conducted in the lower 49 states. Also looks like Cannikin was not in the official boundary of Alaska. Interestingly, Project Rio Blanco was the ultimate fracking experiment!

1. **Project Gnome** – Dec 10, 1961 – 3kT explosion at a depth of 1184 ft. Isotope production. Approx N 32deg 15.810min & W 103deg 49.940min & 3360ft elv.
2. **Project Shoal** – Oct 26, 1963 – 12kT explosion at a depth of 1211 ft inside granite. Vela Uniform program. WGS84 N 39deg 12.000min & W 118deg 22.817min & 5260ft elv.
3. **Project Salmon** – Oct 22, 1964 – 5.3 kT explosion at a depth of 2700 ft inside a salt dome. Vela Uniform program. WGS84 N 31deg 8.538min & W 89deg 34.205min & 246ft elv.
4. **Project Sterling** – Dec 3, 1966 – 380 T explosion inside the dome created by Project Salmon. Vela Uniform program.
5. **Project Gasbuggy** – Dec 10, 1967 – 29kT explosion at a depth of 4227 ft. CH4 fracking. Approx N 36deg 40.705min & W 107deg 12.403min & 7201ft elv.
6. **Project Faultless** – Jan 19, 1968 – 1MT explosion at a depth of 3200 ft. Seismic Calibration. WGS84 N 38deg 38.058min & W116deg 12.920min & 6100ft elv.
7. **Project Rulison** – Sep 10, 1969 – 40kT explosion at a depth of 8400 ft. CH4 fracking. WGS84 N 39deg 24.317min & W107deg 56.912min & 8180ft elv.
8. **Project Cannikin** – Nov 6, 1971 – 5MT explosion at a depth of 5000 ft. Test of W71 Spartan ABM warhead. Approx. N 51deg 34.671min & E 179deg 41.098min & near sealevel
9. **Project Rio Blanco** – May 17, 1973 – three simultaneous 33kT explosions at depths of 5838, 6230; 6689 ft. CH4 fracking. WGS84 N 39deg 47.580min & W 108deg 22.080min & 6700ft elv.