

City Of Erie

Adams #1 Plug and Abandon

The Adams #1 well in Boulder County was plugged and abandoned (P&A) per the state of Colorado procedures. A wireline set cast iron bridge plug (CIBP) was set at 8,125' above the producing interval. Cement was placed on top of the CIBP. A cement bond log (CBL) and directional survey were performed on the Adams #1. The directional survey can be used in the future to ensure location of the abandoned well bore. The CBL provided guidance on the top of the original cement section ensuring the remainder of the P&A procedure could be performed as designed.

After the initial CIBP was set in the well bore, perforations were shot from 4836 – 4835', 2001 – 2000', & 667 – 666'. A cast iron cement retainer (CICR) was set 4,735'. Tubing was landed in the CICR and 52 sacks of cement were pumped into the perforations from 4836 – 4835', with 1 barrel of cement left above the CICR. The tubing was pulled out of the well until it was above the perforations from 2001 – 2000'. 50 sacks of cement were pumped into the perforations. The tubing was pulled completely out of the well and 268 sacks of cement were pumped into the perforations from 667 – 666', the cement was circulated all the way to surface.

Cement was tagged 65' down into the casing. Ground was excavated 10' below surface level, the casing was cut 7' down from surface, and 10 sacks of cement were pumped into the remainder of the casing. The casing was then capped and a marker indicating well name and date of abandonment was welded onto the casing. The ground was leveled back to ground level and the remainder of the surface equipment on location was removed.