

Peterson #1 Plugging Report

September 4, 2019 (Wednesday):

Yetter Well Service rigged up, braidenhead test done on Peterson #1 & #2, witnessed by Brian, tool pusher, Keith Beamer and Kim of the O&G Cmmn. Zero pressure on both.

The pump and rods were pulled and laid down on a trailer, started hydrotesting tubing.

September 5, 2019 (Thursday):

Hydrotesting completed, 2 bad jts. total' Rigged up Brandex at 9:30 am:

9:45 – Set CIBP @ 5117'

10:10 – 2 sks. cement set on CIBP

10:15 – 2 pers=fs @ 1200'

10:30 – Set cement retainer @ 1100'

10:45 – 2 perfs @ 150'

11:00 – Welded bell nipple on wellhead, ran 2 3/8" tubing to retainer

12:25 – Pump water to load casing, f.l. @ 4000'

1:00 - Tried to establish injection rate into perfs @ 1200', pressure too high for duplex pump. Called for triplex pump.

2:00 – Shut in well

September 6, 2019 (Friday):

8:00 – Rig crew on location

9:00 –Triplex on location, established injection rate, +1 bpm @ 1300 spi, broke back to 900 psi

10:00 – Mixed 40 sks cmt, 9 ½ bbls, 14.0 lbs/gallon and pumped into perfs.

10:15 – Displaced cmt. w/2 ½ bbls H2O, pulled out of retainer, 1 ½ bbls. cmt on top of retainer

10:30 – Laying down 1100' 2 3/8" tubing on trailer

11:30 – Mixed 10 bbls. gel water, pumped via 5 ½" casing and followed with 10 bbls. water, no blow seen on braidenhead

11:45 – Preparing to mix 100 sks cmt plug. Pumped 8 bbl. slurry followed by another 8 bbls slurry, weak blow on braidenhead; mixed final 4 bbls. cmt slurry and pumped via 5 ½" casing.

1:00 – Shut in wellhead, no cmt returns @ surface.

September 7, 2019 (Saturday):

Tagged cmt fill in 5 ½" casing, 11' from surface. Mixed 15 sk cmt, 3 bbl slurry, pumped via braidenhead and filled to surface, moved to Peterson #2.

Joe Borla, Consulting Engineer