



**PO Box 745, Windsor, CO 80550
(970)-289-0506 or (970)-584-4000 (Fax)**

Job Log

Date: 4/30/2019

Operator: TOP Operating Company Inc.

Well Name: City of Longmont #1

Location: Weld County, Colorado

Legals: SWNE, Section: 18, Township: 2 North, Range: 68 West

API#: 05-123-23019

3/29/2019: Move in rig and equipment, SITP: 500 psi, SICP: 0 psi, SISCP: 0 psi.

RU rig, lay hardlines, shut well in, shut down for night

3/30/2019: SICP: 150 psi, SISCP: 0 psi, Pump 50 bbl. of fresh water to kill well, NDWH, NUBOP, RU rig floor
Release packer, TOH and tally tubing to derrick, shut well in, shut down for night

4/1/2019: SICP: 150 psi, SISCP: 0 psi, Pump 50 bbl. of fresh water to kill well,

RU wireline, PU 4-1/2" 11.6# GR/JB, TIH to 7,850', TOH

PU 4-1/2" 11.6# CIBP, TIH and set at 7,802', TOH, TIH and CDB 2 sxs of cement on top of CIBP, TOH

Load wellbore, pressure test casing to 1,000 psi for 30 minutes, pressure held

TIH and perforate casing at 6,849', TOH, establish injection rate of 1.2 bbl. at 1,000 psi

PU 4-1/2" 11.6# CICR, TIH and set CICR at 6,799', TOH, RD wireline

PU Stinger, TIH to 6,799', sting into CICR, pressure test annulus between tubing and casing to verify CICR integrity

Pressure held, reestablish injection rate, pump 55 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement

44 sxs under CICR and 11 sxs on top of CICR, start TOH, shut well in, shut down for night

4/2/2019: SITP: 0 psi, SICP: 0 psi, SISCP: 0 psi, Finish TOH

RU wireline, TIH and perf casing at 2,950', TOH, establish injection rate of 2 bbl. at 250 psi

PU 4-1/2" 11.6# CICR, TIH and set at 2,850', TOH, RD wireline

PU stinger, TIH to 2,850', sting into CICR, pressure test annulus between tubing and casing to verify CICR integrity

Pressure held, reestablish injection rate, pump 55 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement

44 sxs under CICR and 11 sxs on top of CICR, TOH and LD tubing

RU wireline, TIH and perforate casing at 495', TOH, RD wireline, establish circulation to surface via perfs at 495'

Circulated 100 bbl., returns were rehydrated drilling mud, not gas laden, stop pumping and monitor well

No hydrocarbons, fluid migration, or trapped pressure observed

Circulated 160 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement to surface, good returns at surface

Shut well in, shut down for night

4/3/2019: SICP: 0 psi, SISCP: 0 psi, RD rig floor, NDBOP, NDWH, RD workover rig

Clean location, RDMO



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4/30/2019: Dig out and cut off wellhead 6' below ground level, TIH and tag TOC at 32' (below ground level)
Topped off well with 10 sxs of 15.8# class G neat 1.15 cu.ft./sack yield cement in both casing and annulus
Capped well with well info plate reading: City Of Longmont #1, API# 05-123-23019, SWNE, Sec 18, T2N, R68W
Backfill pit, RDMO, P&A complete

*** All cement pumped is 15.8# class G neat 1.15 cu.ft./sack yield cement ***
***Total of 282 sxs of cement pumped ***

Cementing Contractor: Swabbco Well Servicing & Completion
Cementing Contractor Supervisor: Aron Rascon and Tony Sinke
Operator Supervisor: Paul Herring
COGCC Representative: Randy Silver
Wireline Contractor: DLD Pipe Recovery Services, LLC