

BLM notes say this is a Reserve pit; pit permit 292430 says it is lined drilling pit and:  
'Produced water will be stored in a tank' as "method of treatment of produced water prior to discharge into pit" portion of form.

BLM reports this is the only pit that was on site; thus it was probably used as frac pit also.

closed by 5/20/2009; new rules reference pits in existence on or after 4/1/2009 on all non-fed land (this is private property).

BLM has no notes or photos of pit closure - what was exact date? Julia sending email to ask operator 7/11/2011

BLM and COGCC inspectors have no photos of open pit.

What Rule requires Form 27 for Form 15-permitted pit?

REM#: 7938
PIT FAC ID#: 292430
Doc#: 2452188
Date: 08/02/2016

Produced water results, submitted with 11-2010 frac pit permit are from "Water, Shire Gulch Fed 35-2" well, sampled 3/14/2008.

this water sample would be from same source as produced water that was used in 'drilling pit'.

TDS of the sample was 26,520 mg/l

Chloride 14,607 mg/l (Cl concentration is very close to 15,000ppm limit for sensitive areas in old rules; no indication on sample that it was from td(903.a.3)

Sodium 9,030 mg/l.

11-2010 form 2a lists area as sensitive area, 290 feet to surface water, water well 3914 feet, and groundwater 600 ft. In 2008 (old) rules, Box 1, CL>250 mg/l was true, Box 2 and Box 3 would have sent decision over to 'outside sensitive area'.