

Guttersen 33-9

Current WBD

2154 FSL1979 FEL NWSE 9 4N 63W 6th PM

Lat 40.332529 Long -104.44092

Weld County, Colorado

API #05-123-25658

Spud date 7/8/2008

4762'

KB

4750'

GL

8.625", 24#/ft Wt, Grade, 899', 12.25" hole
Cemented to surface w/ 630 sx.

Water 102'
(Within 1 mile radius)

TOC 2870'

Parkman 3492'

Bottom of Cement 3900'
Cemented with 141 sxs

TOC 5880'

Niobrara 6465'
Perfs 6468' - 6616'

Codell 6719'
Perfs 6720' - 6730'

4 1/2", 11.6#/ft, Grade, 6895', 7 7/8" hole
Cemented with 164 sxs

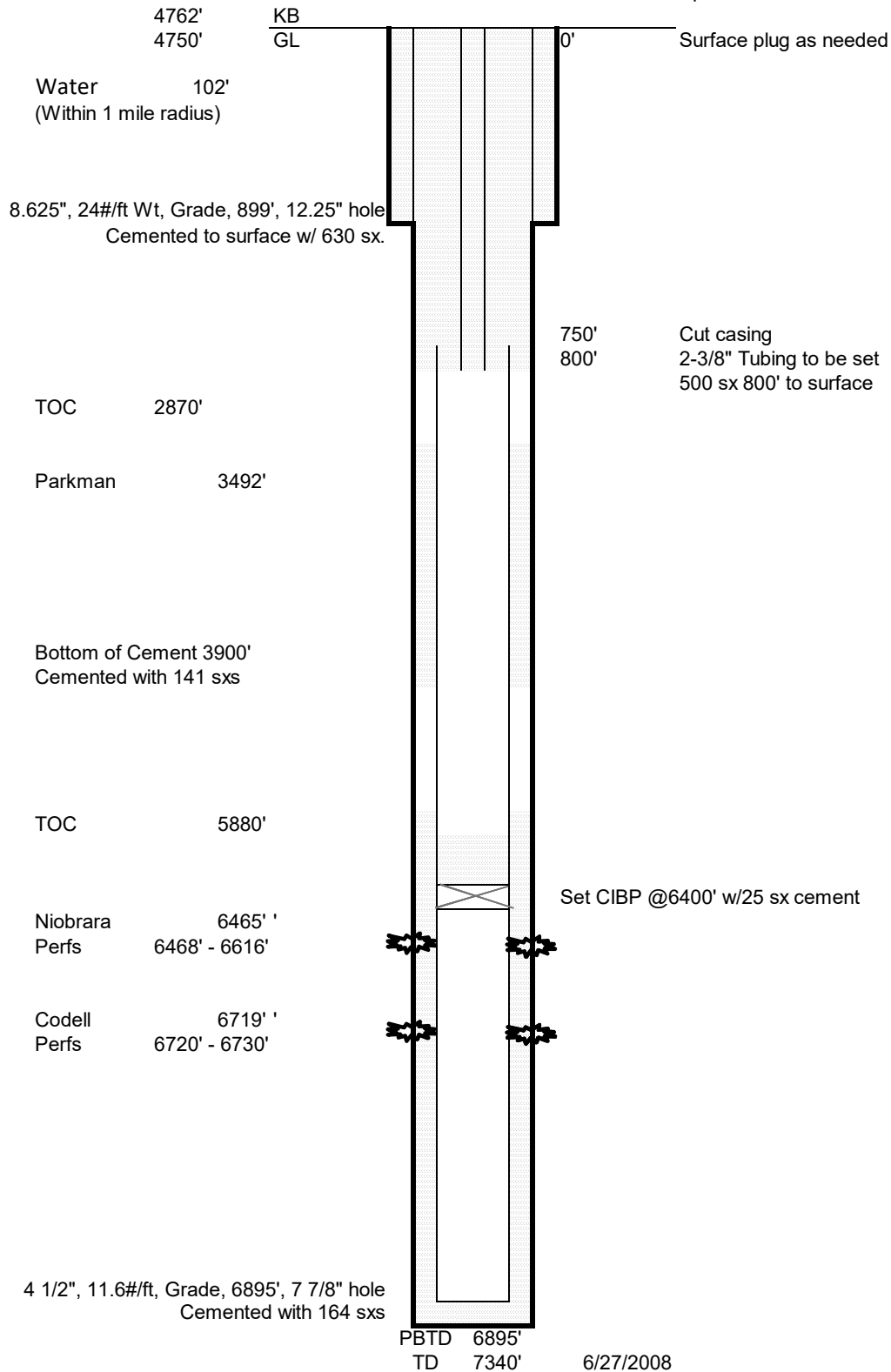
PBTD 6895'
TD 7340'

6/27/2008

Updated 1/24/2019 rcs

Guttersen 33-9
Proposed- Final WBD
2154 FSL 1979 FEL NWSE 9 4N 63W 6th PM
Lat 40.332529 Long -104.44092 (from footages)
Weld County, Colorado
API #05-123-25658

Spud date 7/8/2008



Updated 1/24/2019 rcs