

**PACIFIC GAS AND ELECTRIC COMPANY
S851 Line 306 Sale
Application 19-04-XXX
Data Response**

PG&E Data Request No.:	CalAdvocates_002-Q02		
PG&E File Name:	S851-Line306-Sale_DR_CalAdvocates_002-Q02		
Request Date:	April 5, 2019	Requester DR No.:	002
Date Sent:	May 9, 2019	Requesting Party:	Public Advocates Office
PG&E Witness:		Requester:	Nathaniel Skinner

QUESTION 02

Please fill out the attached spreadsheet for each segment of Line 306. By segment, the Public Advocates Office means a unique length of pipe. For example, a pipe with the same material specifications but in two different class locations would constitute two different segments.

For any value where PG&E is using assumed values, highlight that entry in green shading and provide a narrative identifying the basis (49 CFR 192, PG&E standard, etc) for that assumed value in a separate document. Any such value should be identified using values a-c below.

If any value is unknown, provide an entry of Unknown. If any value does not apply, leave the cell blank.

- a. Pipeline. The name of the pipeline.
- b. BEGCUMSTA. The start of the cumulative stationing for the segment (in feet).
- c. ENDCUMSTA. The end of the cumulative stationing for the segment (in feet).
- d. BEGENGSTA. The start of the engineering stationing for the segment (in feet).
- e. ENDENGSTA. The end of the engineering stationing for the segment (in feet).
- f. DOTCLASS. The current class location of the segment, as identified in 49 CFR 192.111.
- g. DESIGN FACTOR. The current design factor of the segment, as identified in 49 CFR 192.111.
- h. OD. Outside Diameter of the segment (in inches), as identified in 49 CFR 192.105.
- i. WT. Wall Thickness of the segment (in inches), as identified in 49 CFR 192.105 or 109.
- j. SMYS. Specified Minimum Yield Strength (SMYS) of the segment, as identified in 49 CFR 192.107.
- k. JOINTSPEC. The specification of the longitudinal joint of the segment, as identified in 49 CFR 192.113.
- l. JOINTCLASS. The pipe class of the longitudinal joint of the segment, as identified in 49 CFR 192.113.

- m. JOINTFACTOR. The longitudinal joint factor of the segment, as identified in 49 CFR 192.113.
- n. INSTALLDATE. The year in which the segment was installed.
- o. TESTPRESSURE. The pressure to which the segment was pressure tested.
- p. TESTSTANDARD. The standards to which the segment was pressure tested (e.g 49 CFR 192 Subpart J or GO 112-A).
- q. TESTMEDIUM. The medium (air, water, gas, unknown) with which the segment was pressure tested.
- r. TESTDATE. The year in which the pressure test was conducted.
- s. GRANDFATHERPRESSURE. The highest historical operating pressure to which the segment was operated, as identified in 49 CFR 192.619 (a)(3) or (c).
- t. MAOP. The Maximum Allowable Operating Pressure of the segment, as identified in 49 CFR 192.619.
- u. % SMYS. The percentage of SMYS at which the segment currently operates.
- v. 192619 (A1). The MAOP of design, as identified in 49 CFR 192.619(a)(1).
- w. 192619 (A2). The MAOP of test, as identified in 49 CFR 192.619(a)(2).
- x. 192619 (A3). The MAOP of history, as identified in 49 CFR 192.619(a)(3).
- y. MAOP_192619GOVCASE. The portion of 49 CFR 192.619 that is utilized in establishing the MAOP (e.g. if the test was the lowest value, A2 would be the response).
- z. FromCL. If the class location of the pipeline has changed, what the class location was prior to the change.
- aa. ToCL. If the class location of the pipeline has changed, what the current class location is.
- ab. CLCHANGEYEAR. The year of the class location change identified in z and aa.
- ac. XRAY. If the longitudinal seam has been x-rayed. ad. NOTES. Any other notes regarding this segment.
- ad. NOTES. Any other notes regarding this segment.

ANSWER 02

Please refer to attachments “*S851-Line306-Sale_DR_CalAdvocates_002-Q02-ATCH01.pdf*” and “*S851-Line306-Sale_DR_CalAdvocates_002-Q02-ATCH02.pdf*” and see responses below, with the exception of z, aa, and ab. Please refer to attachment “*S851-Line306-Sale_DR_CalAdvocates_002-Q02-ATCH03.xlsx*” for z, aa, and ab:

- a. PG&E gas transmission pipeline 306 (L-306)
- b. See Begin Measure
- c. See End Measure

- d. Cumulative/Absolute and engineering stationing are identical for L-306. Absolute stationing is what is shown on the MAOP Validation report.
- e. Cumulative/Absolute and engineering stationing are identical for L-306. Absolute stationing is what is shown on the MAOP Validation report.
- f. See Class
- g. The current Design Factor of the segment can be calculated using the specifications and MAOP-D (as defined in 49 CFR 192.105) of the segment.
- h. See OD
- i. See WT
- j. See SMYS
- k. See columns Seam Type and Joint Efficiency Factor for related information. The specific specification of the longitudinal joint (e.g. ASTM A 106) for each segment is not typically captured in our system of record and the data is not readily available.
- l. See Seam Type
- m. See Joint Efficiency Factor
- n. See Year Installed
- o. See Test Pressure
- p. The standards to which the segment was pressure tested (e.g 49 CFR 192 Subpart J or GO 112-A) are not typically captured on the as-builts and therefore they are not captured in our system of record.
- q. The medium (air, water, gas, unknown) with which the segment was pressure tested is available in the pressure test documents provided in PG&E's response Cal Advocates' second data request, Question 03.
- r. See Test Year
- s. The highest historical operating pressure, per 49 CFR 192.619 (a)(3) or (c), for L-306 is not captured in the system of record and is therefore not readily available. The MAOP of Record is captured on the MAOP Validation report.
- t. See Feature MAOP
- u. See % SMYS per R
- v. See MAOP per Design
- w. See MAOP Per Test
- x. See MAOP per Record
- y. See MAOP Limit Factor
- z. See column D (2017 Class)
- aa. See column E (2018 Class)
- ab. 2018
- ac. Percent X-Ray for girth welds is captured for the job level in the system of record, if records exist. However, X-ray data for the longitudinal seam is not captured in our system of record and is not readily available.

ad. Additional notes on each segment are available upon request.