

Line 101 Short
GCUST7013
Pipeline Features List

PIPELINE FEATURES LIST (v21)

| 21 | Version | PFL Spreadsheet for line GCUST7013 | | | | | Mainline | 101 | Mainline MP | | | | |
|-------------|-------------|------------------------------------|-----------|------------|--------------|----------------|----------|------|-------------|------------------|------------|---------------|--------------|
| Beg Station | End Station | GIS Pipe Segment ID | Class Loc | Job Number | Install Date | Feature Number | Feature | Type | Length | Notes / Comments | Mile Point | Field Station | Pipe Station |
| Redacted | | | | | | | | | | | | | |

PIPELINE FEATURES LIST (v21)

| GCUST7013 | MAOP Specifications | | | | | | | | | | Feature Specs | | | |
|----------------|---------------------|--------|--------|--------|-----------|------------------------|------|------------------|------------------------|----------------------|---------------|---------------|------------------|-------------|
| Feature Number | O.D. 1 | W.T. 1 | O.D. 2 | W.T. 2 | Seam Type | Specification / Rating | SMYS | ANSI- WOG Rating | Actual Size or Opening | Max Working Pressure | Name | Serial Number | Figure - Model # | End Connect |

| | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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PIPELINE FEATURES LIST (v21)

| GCUST7013 | | Bend Data | | | Tee Data | Tap Data | | Valves | | Casing Data | | | Coating | | | |
|----------------|---------------|-----------|--------|--------|----------|----------|-----------|---------------------|---------------|-------------|-----------|------|----------------|--------------|---------------|----------------------|
| Feature Number | Material Type | Angle | Radius | Orient | Barred? | Method | Insertion | Shell Test Pressure | Operator Type | Vented? | Seal Type | Type | Insulator Type | Coating Type | Coating Desc. | Coating Install Date |

| | | | | | | | | | | | | | | | | |
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PIPELINE FEATURES LIST (v21)

| GCUST7013 | Purchase and Install Information | | | | | | | | Reference Document Images [ELS-EDMS] | | | |
|----------------|----------------------------------|---------------|----------------|--------------------------|-------------------------------|-------------------------|----------------------|---------------------------|--------------------------------------|-------------------|------------------|-------------------|
| Feature Number | MFG | Material Code | Purchase Doc # | Purchase Date of Feature | Purchased from Other Company? | Pre-Fabricated Feature? | Fabricated Assembly? | Reconditioned / Salvaged? | Drawing Number 1 | Drawing 1 Quality | Drawing Number 2 | Drawing 2 Quality |
| Redacted | | | | | | | | | | | | |

PIPELINE FEATURES LIST (v21)

| GCUST7013 | Reference Document Images [ECTS] | | | | | | | | | Referen |
|----------------|----------------------------------|-----------------|--------------|-----------------|--------------|-----------------|--------------|-----------------|--------------------------|---------|
| Feature Number | Image Name 1 | Image 1 Quality | Image Name 2 | Image 2 Quality | Image Name 3 | Image 3 Quality | Image Name 4 | Image 4 Quality | Operating Map or Diagram | |
| Redacted | | | | | | | | | | |

PIPELINE FEATURES LIST (v21)

| GCUST7013ce Maps | | Strength Test Information | | | | | | | | | | | |
|------------------|--------------------------------------|---------------------------|-----------------|-------|---------------|----------------|-------------------|-----------|------------|--------------|-----------------|---------------------|--------------|
| Feature Number | Distribution Wall Map and Plat Sheet | Type | Test Job Number | Media | Test Pressure | Duration (hrs) | Adj Test Pressure | Test Date | Supervisor | Test Company | Date Prior Test | Pressure Prior Test | Current MAOP |

| | | | | | | | | | | | | | |
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PIPELINE FEATURES LIST (v21)

| GCUST7013 | STPR Reference Images [ECTS] | | | | | |
|----------------|------------------------------|-------------------------------|------------------------------|-------------------------------|----------------------------|--------------|
| Feature Number | Image Name 5 - STPR | Image Name 6 - Front of Chart | Image Name 7 - Back of Chart | Image Name 8 - Deadweight Log | Image Name 9 - STPR Sketch | STPR Quality |
| Redacted | | | | | | |

PIPELINE FEATURES LIST (v21)

| GCUST7013 | Branch | |
|----------------|--------------------|---------------|
| Feature Number | Branch Line Number | Branch Status |
| Redacted | | |

Line 101 Short
GCUST7013
MAOP Validation Report

MAOP Validation Report

Confidential
 Provided to CPSD pursuant to Public Utilities Code section 583



MAOP Report Details: GCUST7013

Report Date: 12/12/2011

| Historic MP | Begin Measure | End Measure | Item Type | Year Installed | OD | WT | SMYS | Fitting Rating | Seam Type | Joint Efficiency Factor | MAOP per Design | Test Pressure | Test Year | MAOP per Test | MAOP per R | Class | % SMYS per R | Operating in Class | MAOP Limit Factor | Feature MAOP |
|-------------|---------------|-------------|-----------|----------------|----|----|------|----------------|-----------|-------------------------|-----------------|---------------|-----------|---------------|------------|-------|--------------|--------------------|-------------------|--------------|
|-------------|---------------|-------------|-----------|----------------|----|----|------|----------------|-----------|-------------------------|-----------------|---------------|-----------|---------------|------------|-------|--------------|--------------------|-------------------|--------------|

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Footnote Key

- 1 Historical Procurement Practices / Sound Engineering Analysis
- 2 Field Verification
- A Design Pressure per 49 CFR, § 192.611
- B Operating at a reduced pressure as compared to MAOP from 086868, Rev 20

MAOP Limit Key Factor

- R = MAOP per 086868, Rev 20
- T = Test Pressure
- D = Design Pressure

Other Nomenclature

- N/A = Not Applicable

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Line 101 Short
GCUST7013
Strength Test Pressure Report



Pacific Gas and Electric Company

Gas Pipeline Facilities Strength Test Pressure Report
(For Pipeline Facilities Designed to Operate over 100 PSIG)

62-4921 (Rev. 2/04)
California Gas Transmission
(Use in Accordance with Gas Standard A-34 and GO 112-0)

Sheet 1 of 1

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T.A.M.
B.A.M.

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