

PG and E

FOR INTRA-COMPANY USES

DIVISION OR DEPARTMENT VICE PRESIDENT - GAS OPERATIONS
 FILE NO 463
 RE LETTER OF
 SUBJECT Standard Practice No. 463-8
 MAOP of Pipelines and Mains
 Operating At or Above 20% of SMYS

#0
Superseded by
April 15, 1975 ltr
May 1, 1975 opp.

March 1, 1975

DIVISION MANAGERS
 GAS OPERATIONS MANAGERS
 MANAGER, GAS CONSTRUCTION
 MANAGER, PIPE LINE OPERATIONS
 DIVISION GAS SUPERINTENDENTS
 DISTRICT MANAGERS
 DISTRICT GAS SUPERINTENDENTS
 DIVISION ADMINISTRATIVE ANALYST OR EQUAL
 DIRECTOR, PROCEDURES AND ORGANIZATION

The attached copy of Standard Practice No. 463-8, Appendices A, B, and C dated March 1, 1975, replaces Standard Practice No. 463-8, Appendices A and B dated April 15, 1970.

The Supplement-Procedural Details of Standard Practice No. 463-8 dated June 1, 1973, are to be retained with the new appendices. Do not destroy them.

The Supplement-Procedural Details are currently being revised and will be reissued at a later date.

It should be noted that we have included a Future Design Pressure for all lines. This is the pressure to which all new facilities are to be designed, from this date. The old design pressure is only included as historical data. This will be defined in the revised Supplement-Procedural Details.

E. F. SIBLEY

SPhillips:sm

Attachment

LINES IN TRANSMISSION CAPITOL
 OPERATING AT OR OVER 20% SMYS

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 21 | Crockett Station (MP 0.00) to MP 0.54 | 24" & 26" | 400 | 405 | 650 | 675 |
| 21 | MP 0.54 to Herrmann Station (MP 1.52) | 24" | 400 | 675 | 675 | 675 |
| 21 | Herrmann Station to Reis Avenue (MP 2.71) | 16" | 250 | 258 | 575** | 575** |
| 21 | Reis Avenue to Napa "Y" (MP 12.05) | 12" | 250 | 375 | 585 | 585 |
| 21 | Napa "Y" to MP 35.05 | 12" & 26" | 450 | 450 | 675 | 675 |
| 21 | MP 35.05 to MP 51.41 | 12" | 450 | 500 | 720 | 675 |
| 21 | MP 51.41 to Santa Rosa Compressor Station (MP 53.12) | 12" | 450 | 500 | 720 | 675 |
| 21 | MP 53.12 to MP 110.4 | 12" | 600 | 890 | 890 | 890 |
| 21 | MP 110.4 to MP 111.2 | 12" | 600 | 720 | 890 | 890 |
| 21 | MP 111.2 to MP 111.9 | 12" | 600 | 890 | 890 | 890 |
| 21 | MP 111.9 to MP 112.1 | 12" | 600 | 720 | 890 | 890 |
| 21 | MP 112.1 to MP 113.9 | 12" | 600 | 890 | 890 | 890 |
| 21 | MP 113.9 to Ukiah (MP 114.9) | 12" | 600 | 720 | 890 | 890 |
| 21 | MP 114.9 to Willits (MP 136.8) | 8" | 600 | 832 | 832 | 890 |
| 21 | Napa "Y" (MP 0.00) to MP 18.64 | 16" | 450 | 500 | 720 | 675 |
| 21 | MP 18.64 to Denman Flat Tap (MP 24.6) | 16" | 450 | 500 | 720 | 675 |
| 21 | McDowell Road Tap (MP 34.84) to Petaluma Meter Station (MP 35.86) | 12" | 450 | 500 | 593 | 675 |
| 21 | Adobe (MP 0.00) to San Rafael HPU Holder Station | 16" & 20" | 450 | 500 | 600 | 675 |
| 21 | Adobe (MP 0.00) to San Rafael HPU (MP 21.11) | 12" | 450 | 500 | 675 | 675 |
| *50 | 5th & Walnut Streets, Marysville (MP 0.00) to Yuba City HPU (MP 2.87) | 8" | 400 | 400 | 720** | 720** |
| *50 | Yuba City HPU to Biggs Regulator Station (MP 21.62) | 8" | 250 | 250 | 720** | 720** |
| *50 | Biggs Regulator Station to Richvale "Y" (MP 26.94) | 6" & 8" | 250 | 250 | 720** | 720** |
| *50 | Richvale "Y" to Stirling Junction (MP 44.87) | 6" & 8" | 400 | 400 | 720** | 720** |
| 50 | MP 0.00 to Paradise (MP 7.81) | 8" | 400 | 720 | 720 | 720 |
| 56 | Pleasant Creek Field Storage System | 4" | 1300 | 1300 | 1250 | 1440 |
| 56 | Pleasant Creek Field Storage System | 8" | 1300 | 1440 | 1440 | 1440 |

**See Paragraph 6

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------|---|--------------------------------|---------------|------|---------------|----------------------|
| 57 | McDonald Island Field Storage System | 4" - 12" | 2160 | 2160 | 2160 | 2160 |
| 57 | McDonald Island Compressor Station (MP 0.00) to PLS (MP 7.47) | 14" 16" 18" | 1025 | 1025 | 1025 | 1025 |
| 57 | PLS (MP 7.47) to Brentwood Terminal (MP 16.64) | 18" | 867 | 867 | 867 | 867 |
| 57B | Brentwood Terminal to McDonald Island | 22" | 2160 | 2160 | 2160 | 2160 |
| 100 | MP 134.5 to Milpitas Terminal (MP 150.13) | 20" | 400 | 400 | 552 | 552 |
| 101 | Milpitas Terminal (MP 0.00) to Rengstorff Avenue Station (MP 9.80) | 36" | 400 | 400 | 400 | 400 |
| *101 | Rengstorff Avenue Station Via Bayshore to San Francisco Border Meter Station (MP 33.68) | 20" | 180 | 180 | 275 | 400 |
| *101 | San Francisco Meter Station Via Bayshore Boulevard to Potrero Gas Plant (MP 44.56) | 20" | 109 | 150 | 275 | 275 |
| *103 | Hollister Meter Station (MP 0.00) to California Street Regulator Station (MP 23.55) | 12" | 350 | 350 | 670** | 500 |
| 103 | California Street Regulator Station to Harkins Road Meter and Mixer Station (MP 26.63) | 12" | 313 | 313 | 670** | 500 |
| 105 | Irvington Station (MP 6.88) to San Lorenzo Regulator Station (MP 23.03) | 20" | 250 | 250 | 500 | 500 |
| *105 | San Lorenzo Regulator Station to San Pablo Station (MP 52.01) | 20" | 150 | 198 | 275 | 275 |
| *105 | Oakland Holder Station (MP 0.00) to Berkeley City Limits (Parallel) (MP 2.03) | 24" | 150 | 198 | 275 | 275 |
| 105 | Baine Avenue Crossover (MP 0.00) to Line 153 (MP 0.18) | 20" | 250 | 250 | 590 | 500 |
| *105 | West Winton Avenue Crossover (MP 0.00) to Line 153 (MP 0.185) | 22" & 24" | 250 | 250 | 500 | 500 |
| 105B | Crockett Station (MP 0.00) to San Pablo Station (MP 11.85) | 24" | 400 | 400 | 400 | 400 |
| 105S | Milpitas Terminal (MP 0.00) to Irvington Station (MP 6.88) | 20" | 465 | 480 | 500 | 720 |
| 107 | Tracy Station (MP 0.00) to Livermore Junction (MP 13.11) | 22" | 500 | 500 | 500 | 720 |

**See Paragraph 6

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------|--|--------------------------------|---------------|------|---------------|----------------------|
| 107 | Livermore Junction to Irvington Station (MP 31.22) | 22" | 477 | 480 | 500 | 720 |
| 107S | Irvington Station to Milpitas Terminal (MP 38.06) | 22" | 477 | 500 | 500 | 720 |
| 108 | Stanpac 2 (MP 0.00) to Vernalis Field Mixing Station (MP 4.59) | 16" | 500 | 500 | 720 | 890 |
| 108 | Vernalis Field Mixing Station to McMullin Ranch Mixer Station (MP 8.79) | 16" | 408 | 408 | 720** | 720** |
| 108 | McMullin Ranch Mixer Station to MP 16.7 | 16" | 408 | 408 | 720** | 720** |
| 108 | MP 16.7 to Las Vinas Station (MP 43.5) | 16" | 412 | 412 | 720** | 720** |
| 108 | Las Vinas Station to MP 56.25 | 16" | 490 | 500 | 500 | 720 |
| 108 | MP 56.25 to Sacramento Gas Plant (MP 75.10) | 16" | 412 | 412 | 500 | 720 |
| *108 | E. Hazleton & B Streets Regulator Station (MP 27.10) to Stockton Gas Plant (MP 1.71) | 12" | 185 | 185 | 275 | 275 |
| 109 | Milpitas Terminal (MP 0.00) to Sullivan Avenue Regulator Station (MP 43.47) | 22" & 30" | 375 | 375 | 400 | 400 |
| *109 | Sullivan Avenue Regulator to Potrero Gas Plant (MP 52.70) | 26" | 150 | 150 | 275 | 275 |
| 111 | Helm Junction (MP 0.00) to Fresno Junction (MP 21.65) | 12" | 650 | 650 | 800 | 720 |
| 111 | Fresno Junction to Division Gas Load Center (MP 28.05) | 8" | 400 | 400 | 720 | 720 |
| 111 | Raisin City Field Collection System | 4" | 800 | 800 | 800 | 800 |
| 111 | San Joaquin Field Collection System | 3" & 4" | 800 | 800 | 960 | 960 |
| 112 | Vernalis Field Collection System | 3" - 8" | 594 | 594 | 800 | 800 |
| 114 | West Rio Vista Field (MP 0.00) to Antioch Terminal (MP 9.01) | 12" & 16" | 510 | 510 | 800 | 800 |
| 114 | Antioch Terminal to Brentwood Terminal (MP 16.59) | 22" | 595 | 595 | 595 | 720 |
| 114 | Brentwood Terminal to Dalton Avenue PLS (MP 28.97) | 22" | 595 | 595 | 595 | 720 |
| 114 | Dalton Avenue PLS to Livermore Junction (MP 34.05) | 22" | 495 | 495 | 595 | 720 |
| *116 | Davis Meter Station (MP 0.00) to Swingle Junction (MP 3.86) | 8" | 500 | 500 | 500 | 800 |
| *116 | Swingle Junction to Sacramento Gas Plant (MP 12.89) | 8" | 500 | 500 | 500 | 720 |

**See Paragraph 6

(See Over)

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| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| *118 | Division Gas Load Center (MP 0.00) to Fresno Junction (MP 6.09) | 8" | 400 | 400 | 720 | 720 |
| 118 | Division Gas Load Center (MP 0.00) to Fresno HPU Station (MP 0.66) | 12" | 690 | 690 | 720 | 720 |
| *118 | Fresno Junction to MP 12.57 | 12" | 400 | 400 | 720 | 720 |
| *118 | MP 12.57 to Livingston (MP 73.26) | 8" | 400 | 400 | 720 | 720 |
| 118 | Herndon (MP 0.00) to Athlone (MP 38.39) | 12" | 400 | 400 | 720 | 720 |
| 118 | Livingston to Collier Road (MP 74.89) | 6" | 400 | 720 | 720 | 720 |
| 118 | Collier Road to Bradbury Road Regulator Station (MP 83.74) | 6" | 400 | 400 | 400 | 400 |
| 118 | Bradbury Road Regulator Station to MP 84.69 | 6" | 500 | 890 | 890 | 890 |
| 119 | Davis Meter Station (MP 0.00) to Swingle Junction (MP 3.85) | 12" | 780 | 792 | 800 | 800 |
| 119 | Swingle Junction to MP 4.85 | 12" | 500 | 720 | 800 | 720 |
| 119 | MP 4.85 to MP 11.14 | 12" | 500 | 520 | 800 | 720 |
| 119 | MP 11.14 to MP 11.35 | 10" | 500 | 520 | 800 | 720 |
| 119 | MP 11.35 to N. Sacramento HPU (MP 16.46) | 12" | 500 | 520 | 800 | 720 |
| 119 | N. Sacramento HPU (MP 0.00) to Antelope Meter Station (MP 10.17) | 12" | 500 | 500 | 500 | 600 |
| 119 | N. Sacramento HPU (MP 0.00) to Antelope Meter Station (MP 8.41) | 6" & 16" | 500 | 500 | 500 | 600 |
| 119 | N. Sacramento HPU (MP 0.00) to MP 2.80 | 24" | 180 | 180 | 545 | 545 |
| 119 | Elm and Traction Avenue Regulator (MP 4.6 to MP 5.5) | 12" | 500 | 500 | 500 | 600 |
| 119 | Sonoma Avenue Regulator and Del Paso Boulevard (MP 0.00) to Roseville Regulator Station (MP 5.25) | 6" | 180 | 500 | 500 | 500 |
| 120 | Sutter Creek Field Collection System | 4" & 6" | 492 | 492 | 720 | 720 |
| 120 | Sutter Buttes Field Collection System | 4" & 6" | 485 | 485 | 720 | 720 |
| 121 | Marysville Buttes Meter Station (MP 0.00) to Yuba City HPU (MP 11.54) | 6" | 485 | 485 | 720 | 720 |
| 123 | Antelope Meter Station (MP 0.00) to Lincoln Junction (MP 13.57) | 12" | 500 | 500 | 670** | 670** |
| 124 | Lincoln Junction (MP 0.00) to 5th & Walnut, Marysville (MP 23.46) | 8" | 400 | 400 | 720 | 600 |
| 124 | Lincoln Junction (MP 0.00) to Yuba City HPU (MP 26.03) | 16" | 600 | 600 | 600 | 600 |

**See Paragraph 6

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------|--|--------------------------------|---------------|------|---------------|----------------------|
| 124 | Beale Air Force Base Tap (MP 0.00) (T 13.31) to MP 3.76 | 6" | 400 | 400 | 720 | 600 |
| 125 | Thompkins Hill Field Collection System | 3" 4" 6" | 448 | 448 | 720 | 720 |
| 126 | Thompkins Hill Meter Station (MP 0.00) to Union Street Regulator (MP 10.57) | 4" | 350 | 442 | 720 | 720 |
| 126 | Thompkins Hill Meter Station (MP 0.00) to Union Street Regulator (MP 10.89) | 6" | 350 | 442 | 720 | 720 |
| 126 | Elk River Road Regulator (MP 0.00) to MP 3.62 (T 12.38, Line 126) | 10" | 167 | 167 | 720 | 720 |
| *126 | MP 0.00 to Eureka Propane (MP 0.36) | 10" | 167 | 167 | 720 | 720 |
| 126 | Union Street Regulator to Line 137 (MP 12.61) | 6" | 167 | 167 | 720 | 720 |
| 130A | HP Rio Vista Sacramento River Crossing (MP 0.00 to MP 0.50) | 10" | 800 | 800 | 800 | 800 |
| 130B | LP Rio Vista Sacramento River Crossing (MP 0.00 to MP 0.50) | 10" | 420 | 510 | 800 | 800 |
| 131 | E. Rio Vista Field (MP 0.00 to MP 0.71) | 12" | 685 | 685 | 800 | 800 |
| 131 | E. Rio Vista Field (MP 0.00) to Antioch Terminal (MP 9.19) | 10" & 12" | 800 | 800 | 800 | 800 |
| 131 | Antioch Terminal to MP 10.47 | 24" | 438 | 438 | 600 | 720 |
| 131 | MP 10.47 to Brentwood Terminal (MP 16.87) | 24" | 438 | 495 | 600 | 720 |
| 131 | Brentwood Terminal to Irvington Station (MP 50.57) | 24" | 500 | 525 | 600 | 650 |
| 131 | Irvington Station to Milpitas Terminal (MP 57.45) | 30" | 595 | 595 | 650 | 650 |
| 132 | Milpitas Terminal (MP 0.00) to Martin Station (MP 46.59) | 24" 30" 36" | 400 | 400 | 400 | 400 |
| 132 | Martin Station to Potrero Plant (MP 51.50) | 24" | 145 | 145 | 275 | 275 |
| 132 | Sierra Vista Avenue (MP 10.32) to Rengstorff Avenue Station (MP 0.00 to MP 1.47) | 16" & 24" | 400 | 400 | 400 | 400 |
| 132 | Martin Station to Geneva Avenue (MP 39.86) | 20" | 109 | 150 | 275 | 275 |
| 133 | Gill Ranch Field Collection System | 4" 6" 8" | 400 | 500 | 720 | 720 |
| 134 | Herndon Junction (MP 0.00) to MP 21.57 | 6" & 8" | 400 | 500 | 720 | 720 |
| 134 | MP 21.57 to Arbios Meter Station (MP 27.04) | 6" | 500 | 500 | 720 | 720 |

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 134 | Arbios Meter Station to MP 30.50 | 6" & 8" | 500 | 500 | 720 | 720 |
| 134 | Arbios Meter Station to Firebaugh Regulator Station (MP 34.13) | 3" & 4" | 500 | 500 | 720 | 720 |
| 136 | Ord Bend Meter Station (MP 0.00) to MP 3.21 | 6" | 479 | 565 | 720 | 720 |
| 136 | MP 3.21 to Stirling Junction (MP 12.87) | 6" | 550 | 550 | 720 | 720 |
| *137 | Whipple and Albee Streets, Eureka (MP 0.00) to MP 11.83 | 4" & 6" | 167 | 167 | 720 | 720 |
| 137 | Ryan Slough Regulator Station (MP 3.58) to Arcata (MP 7.37) | 8" | 350 | 350 | 720 | 720 |
| 138 | Helm Tap Station (MP 0.00) to Helm Junction (MP 14.94) | 10" | 500 | 500 | 650 | 650 |
| 138 | Helm Tap Station (MP 0.00) to Helm Junction (MP 14.71) | 20" | 700 | 700 | 800 | 890 |
| 138 | Helm Junction to Elkhorn Station (MP 20.50) | 18" | 700 | 865 | 865 | 890 |
| 138 | Elkhorn Station to Burrel Meter Station (MP 22.04) | 18" | 650 | 650 | 865 | 720 |
| 138 | Burrel Meter Station to Adams & Elm Meter and Regulator Station (MP 38.59) | 16" | 650 | 650 | 720*** | 720*** |
| 138 | Adams & Elm Meter Station to Cherry & Jensen Regulator (MP 45.00) | 12" & 16" | 650 | 650 | 720 | 720 |
| 138 | MP 45.00 to San Joaquin Division Gas Load Center (MP 49.42) | 10" & 12" | 650 | 650 | 720 | 720 |
| 138 | T 43.58 to Chestnut & Clay Regulator Station (MP 50.02) | 16" | 650 | 650 | 720 | 720 |
| 138 | MP 45.10 to Peach Avenue (T 46.64) | 10" | 650 | 720 | 720 | 720 |
| 141E | Thornton Meter Station to E. Thornton Field Collection System | 4" & 6" | 538 | 538 | 800 | 800 |
| 141W | Thornton Meter Station to W. Thornton Field Collection System | 3" - 10" | 768 | 768 | 800 | 800 |
| *141 | N.E. River Island & Walnut Grove Field Collection System | 6" & 8" | 768 | 768 | 800 | 800 |
| 142N | Bakersfield Tap to Bakersfield Meter Station (MP 14.05) | 12" 16" 20" | 475 | 475 | 720 | 720 |
| 142S | Gosford Road Meter Station (MP 0.00) to Brundage Lane Regulator (MP 9.00) | 6" & 10" | 600 | 600 | 720 | 720 |
| *142 | MP 9.00 to Bakersfield Meter Station (MP 11.47) | 8" & 12" | 300 | 300 | 720 | 720 |
| *143 | Millar Field Collection System | 3" & 4" | 796 | 800 | 800 | 800 |

**See Paragraph 6

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 144 | Millar Meter Station (MP 0.00) to Millar Field (MP 3.50) | 10" & 12" | 796 | 796 | 800 | 800 |
| 145 | Maine Prairie Field Collection System | 3" 4" 6" | 796 | 796 | 800 | 800 |
| 146 | Maine Prairie Meter Station (MP 0.00) to Maine Prairie Field (MP 6.00) | 8" | 796 | 796 | 800 | 800 |
| 147 | Whipple Road Crossover (MP 0.00) to San Carlos Regulator Station (MP 3.39) | 20" & 24" | 400 | 400 | 400 | 400 |
| 148 | McMullin Ranch Mixer Station (MP 0.00) to Ceres Regulator Station (MP 18.24) | 8" | 408 | 408 | 720 | 720 |
| 149 | Winters Field Collection System | 4" & 6" | 750 | 750 | 800 | 800 |
| 150 | Winters Meter Station to Davis Meter Station (MP 18.09) | 6" | 750 | 750 | 800 | 800 |
| 151 | Afton Odorizer Station (MP 0.42) to Afton Regulator Station (MP 14.05) | 6" | 250 | 250 | 720 | 720 |
| 152 | Afton Field (MP 0.00) to Afton Odorizer Station (MP 0.42) | 6" | 250 | 250 | 720 | 720 |
| 153 | Irrington Station (MP 0.00) to Marina Boulevard Station (MP 18.00) | 30" | 420 | 420 | 500** | 500** |
| *153 | Marina Boulevard Station to 2nd and Market Streets (MP 27.89) | 24" | 246 | 246 | 275 | 275 |
| 153 | Tap to Oakland Holder Station | 16" & 20" | 246 | 246 | 275 | 275 |
| 153 | Alvarado Crossover to Line 105 | 16" | 250 | 250 | 500** | 500** |
| *153 | Fairway Avenue Crossover to Line 105 | 20" & 30" | 150 | 198 | 542 | 500 |
| 155 | Durham Field Collection System | 4" | 680 | 680 | 800 | 800 |
| 156 | Durham Field (MP 0.00) to Durham Field Meter Station (MP 5.72) | 6" | 680 | 680 | 800 | 800 |
| 158 | Dunnigan Hills Field (MP 4.90) to Dunnigan Hills Meter & Regulator (MP 13.65) | 6" | 500 | 564 | 800 | 800 |
| *158 | Woodland Field Collection System | 3" & 4" | 500 | 564 | 800 | 800 |
| 159 | Pleasant Creek Compressor Station (MP 0.00) to V 0.65 | 4" | 975 | 975 | 1000 | 975 |
| 159 | V 0.65 to Pleasant Creek Regulator Station (MP 3.91) | 4" | 975 | 975 | 1000 | 975 |
| 159 | Pleasant Creek Regulator Station to Winters Meter Station (MP 6.08) | 4" | 750 | 750 | 800 | 800 |
| 159 | Winters Field Collection System | 4" | 750 | 750 | 800 | 800 |

**See Paragraph 6

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|--|---|---------------------|------|------------------|----------------------------|
| *162 | Tracy Station (MP 0.00) to Banta Regulator Station (MP 7.73) | 6" & 8" | 365 | 365 | 720 | 720 |
| 162 | Tracy Station to Byron Road (MP 5.59) | 10" | 365 | 720 | 720 | 720 |
| 164 | Coalinga Field Collection System | 10" & 8" | 498 | 498 | 865 | 890 |
| 167 | E. Beehive Bend Odorizer Station (MP 0.00) to Yuba City HPU (MP 34.50) | 12" & 16" | 800 | 800 | 800 | 800 |
| 167 | Wild Goose Field Meter (MP 0.00) to Wild Goose Mixer & Odorizer Station (Parallel) | 10" | 800 | 800 | 800 | 800 |
| 167 | Wild Goose Mixer to Gridley Junction (MP 6.54) | 8" | 800 | 800 | 800 | 800 |
| 167 | Wild Goose Collection System | 3" & 4" | 800 | 800 | 800 | 800 |
| 167 | Princeton Field Collection System (MP 4.12 to MP 7.60) | 3" | 800 | 800 | 800 | 800 |
| 167 | Compton Landing Field Collection System | 4" & 6" | 800 | 800 | 800 | 800 |
| 167 | Bounde Creek Field Collection System | 4" | 800 | 800 | 800 | 800 |
| 168 | River Island Field Collection System HP | 4" 6" 8" | 800 | 800 | 800 | 800 |
| 168 | River Island Field Collection System LP | 3" - 8" | 698 | 698 | 800 | 800 |
| 169 | Beehive Bend, Willows, Llano Seco, & Perkins Lake Field Collection System | 3" - 20" | 800 | 800 | 800 | 800 |
| 172 | W. Beehive Bend Meter Station (MP 0.00) to Swingle Junction (MP 69.81) | 18" & 20" | 800 | 800 | 800 | 800 |
| 172 | Swingle Junction to Sacramento Gas Plant (MP 79.15) | 16" | 500 | 520 | 720 | 720 |
| 172 | Crosstie Between Line 172 (MP 0.00) & Line 167 (MP 0.60) | 10" | 800 | 800 | 800 | 800 |
| 172 | Crosstie Between Line 172 (MP 75.45) & Line 119 (MP 9.68) | 12" | 500 | 520 | 720 | 720 |
| *173 | Line 123' (MP 0.00) (V 6.51) to Auburn Regulator Station (MP 17.56) | 4" 6" 8" | 500 | 500 | 720 | 720 |
| *174 | Arbuckle Field Collection System | 2" - 10" | 800 | 800 | 800 | 800 |
| 176 | Roberts Island Field Collection System | 2" - 8" | 514 | 514 | 800 | 800 |
| 176 | Roberts Island Field (MP 0.00) to Tracy Station (MP 18.85) | 6" & 8" | 514 | 514 | 800 | 800 |
| 177 | Sacramento Avenue Junction (MP 0.00) to Grapeway Regulator Station (MP 0.87) | 10" | 819 | 819 | 960 | 960 |

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|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 177 | Grapeway Regulator to Stirling Junction Meter Station (MP 7.68) | 6" & 10" | 469 | 469 | 600 | 600 |
| 177 | Fell Regulator & Odorizer (MP 0.00) to Sacramento Avenue Junction (MP 4.75) | 16" | 819 | 819 | 960 | 960 |
| 177 | Sacramento Avenue Junction to Corning N. Dome Station (MP 29.09) | 10" | 819 | 819 | 960 | 960 |
| 177 | Corning N. Dome Station to Gerber Compressor Station (MP 37.84) | 12" | 819 | 819 | 960 | 960 |
| 177 | Gerber Compressor Station to Cummings Creek PLS (MP 163.04) | 12" | 819 | 819 | 960 | 960 |
| 177 | Cummings Creek PLS to Thompkins Hill Meter & Regulator Station (MP 178.18) | 12" | 430 | 430 | 720 | 720 |
| 177 | Thompkins Hill Meter & Regulator Station to Ryan Slough Regulator Station (MP 192.26) | 12" | 350 | 442 | 600 | 600 |
| 177 | Crosstie Between Lines 177 (T 37.8) and Line 400 (V 149.18) | 12" | 819 | 819 | 960 | 960 |
| 177 | Tap (V 43.87) to Red Bluff and Diamond National (MP 1.24) | 6" | 819 | 819 | 960 | 960 |
| 177 | Rancho Capay Field Collection System | 4" | 819 | 819 | 960 | 960 |
| 180 | Kettleman Hills Field Collection System | 8" - 20" | 421 | 421 | 500 | 500 |
| 181 | Soap Lake Meter Station (MP 0.00) to V 1.56 | 10" | 300 | 300 | 400 | 400 |
| 181 | V 6.19 to Watsonville Meter Station (MP 20.15) | 10" & 12" | 300 | 303 | 400 | 400 |
| 181 | Anzar Road Meter and Regulator (MP 0.00) to Watsonville Meter Station (MP 11.19) | 10" 16" 20" | 300 | 303 | 400 | 400 |
| *182 | Serpa "y" (MP 0.00) to Shell Chemical Meter Station (MP 18.23) | 4" - 12" | 435 | 435 | 800 | 800 |
| *182 | Shell Chemical Meter Station to Suisun Junction Meter Station (MP 18.87) | 12" | 435 | 435 | 600 | 800 |
| 182 | Kirby Hills Field Collection System | 3" - 8" | 435 | 435 | 800 | 800 |
| 182 | Suisun Field Collection System | 2" - 6" | 435 | 435 | 800 | 800 |
| 183 | Firebaugh Regulator Station (MP 0.00) to Moffat Field Meter Station (MP 6.35) | 3" | 320 | 320 | 800 | 800 |
| 185 | Hollister Field Collection System | 4" | 396 | 396 | 600 | 500 |
| 186 | Dos Palos Meter Station (MP 0.00) to Red Top Regulator (MP 26.1) | 3" 4" 6" | 625 | 625 | 720 | 720 |

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 187 | San Ardo Field Meter Station (MP 0.00) to Jolon Road Regulator Station (MP 22.58) | 6" | 313 | 313 | 870 | 870 |
| 187 | Jolon Road Regulator Station to Harkins Road Meter & Mixer Station (MP 65.70) | 8" | 313 | 313 | 720 | 720 |
| 189 | Elk River Road Regulator Station (MP 0.00) to Humboldt Bay P.P. (MP 1.72) | 10" | 350 | 442 | 720 | 720 |
| 190 | Kettleman Compressor Station (MP 0.00) to Coalinga Nose Storage Field (MP 16.08) | 12" & 16" | 2160 | 2160 | 2160 | 2160 |
| 190 | Coalinga Nose Storage Field to Union Oil Company (MP 16.22) | 16" | 2160 | 2160 | 2160 | 2160 |
| 191 | Antioch Terminal (MP 0.00) to Los Medanos Junction (MP 5.81) | 30" & 34" | 315 | 600 | 600 | 600 |
| 191 | MP 3.87 to MP 9.93 Via Pittsburg Power Plant | 20" & 24" | 315 | 390 | 600 | 600 |
| 191 | MP 9.93 to Reliez Station Road Regulator Station | 16" 20" 24" | 315 | 338 | 600 | 600 |
| *191 | Regulator Station Road Regulator Station to MP 29.36 | 8" 10" 12" | 268 | 283 | 400 | 400 |
| *191 | Junction Line 191 (MP 29.36) to MP 32.76 | 10" | 268 | 270 | 400 | 400 |
| *191 | MP 32.76 to Martinez Meter and Regulator Station (MP 35.83) | 10" | 268 | 268 | 400 | 400 |
| *191A | Junction Line 191 to Ardilla and Camino Pablo & Orinda Regulator Station | 3" 6" 8" | 268 | 283 | 400 | 400 |
| *191B | Junction Line 191 to Reliez Valley Road Regulator Station | 8" | 268 | 283 | 400 | 400 |
| 193 | Rice Creek Field Collection System | 2" - 8" | 819 | 960 | 960 | 960 |
| 193 | Malton Field Collection System | 4" 6" 8" | 819 | 960 | 960 | 960 |
| 193 | Kirkwood & Rice Creek Field North Collection System | 6" | 819 | 819 | 960 | 960 |
| 194 | McMullin Ranch Mixer (MP 0.00) to MP 2.83 | 8" & 10" | 437 | 437 | 800 | 800 |
| 194 | McMullin Field Dehydrator Station (MP 0.00) to California Ammonia Company (MP 4.39) | 6" | 437 | 437 | 960 | 960 |
| 194 | McMullin Ranch Field Collection System | 2" & 10" | 437 | 437 | 800 | 800 |
| 195 | Rio Vista Field Collection System (HP) | 2" - 16" | 800 | 800 | 800 | 800 |

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|--|---|---------------------|------|------------------|----------------------------|
| *195 | Rio Vista Field Collection System (LP) | 2" - 16" | 510 | 510 | 800 | 800 |
| 196 | Las Vinas Station (MP 0.00) to Isleton Meter Station (MP 13.45) | 8" & 12" | 800 | 800 | 800 | 800 |
| 197A | Las Vinas Station to MP 21.41 | 10" | 385 | 388 | 720 | 720 |
| 197A | MP 21.41 to MP 31.23 | 10" & 12" | 320 | 500 | 720 | 720 |
| 197A | MP 31.23 to MP 39.57 | 12" | 320 | 320 | 720 | 720 |
| 197A | MP 39.57 to Calaveras Cement | 8" | 320 | 320 | 720 | 720 |
| 197B | Las Vinas Station to MP 5.50 | 6" | 385 | 388 | 720 | 720 |
| 197B | V 19.57 to V 31.24 | 8" | 320 | 320 | 720 | 720 |
| 197C | Ione Tap to MP 23.02 | 10" | 385 | 720 | 720 | 720 |
| 199 | Bunker Field Collection System | 3" - 8" | 796 | 796 | 800 | 800 |
| 200 | W. Rio Vista Field Collection System (HP) | 2" - 16" | 800 | 800 | 800 | 800 |
| *200 | W. Rio Vista Field Collection System (LP) | 2" - 16" | 510 | 510 | 800 | 800 |
| 200 | Liberty Islands Field Collection System | 4" | 800 | 800 | 800 | 800 |
| 200 | Lindsay Slough Field Collection System | 3" - 10" | 800 | 868 | 960 | 960 |
| 201 | Todhunters Lake Field Collection System | 2" - 12" | 800 | 960 | 960 | 960 |
| 202 | Grass Valley Tap to Regulator Station near Robin Avenue, Grass Valley (MP 23.72) | 6" & 8" | 400 | 720 | 720 | 600 |
| 203 | Greens Lake Field Collection System | 4" | 500 | 800 | 800 | 800 |
| 204 | Bender Gas Well Collection System | 3" & 4" | 500 | 890 | 890 | 890 |
| 206 | Pleasant Creek Tap to Pleasant Creek Compressor Station | 12" | 975 | 1440 | 1440 | 1440 |
| 207 | Conway Ranch Field Collection System | 4" 6" 8" | 800 | 1000 | 1000 | 1000 |
| 209 | Line 400 to Line 128 at Willows | 4" | 450 | 450 | 720 | 720 |
| 210 | Rio Vista "Y" (MP 0.00) to Creed Station (MP 1.40) | 16" | 650 | 650 | 800 | 800 |
| 210 | Creed Station to Napa "Y" (MP 25.98) | 16" & 18" | 650 | 650 | 740 | 740 |
| 210 | Creed Station to Cordelia Regulator Station (MP 19.47) | 32" | 650 | 675 | 675 | 675 |
| 210 | Cordelia Regulator to Napa "Y" (MP 25.62) | 10" & 12" | 650 | 650 | 800 | 800 |
| 210 | Rio Vista "Y" to Creed Station (MP 1.36) | 10" | 650 | 650 | 800 | 800 |
| 210 | Cordelia Regulator to Herrmann Station | 24" | 650 | 675 | 675 | 675 |
| 210 | V 27.67 (MP 0.00) to Humble Oil Meter Station | 18" | 650 | 720 | 720 | 675 |

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|--|---|---------------------|------|------------------|----------------------------|
| 215 | MP 0.00 to MP 20.05 | 12" | 500 | 890 | 890 | 890 |
| 220 | Rio Vista "Y" (MP 0.00) to Davis Meter & Regulator Station (MP 22.01) | 8" 10" 12" | 796 | 796 | 800 | 800 |
| 220 | Davis Meter & Regulator to Dunnigan Meter & Regulator Station (MP 34.11) | 6" & 8" | 500 | 500 | 500 | 800 |
| 300A | Colorado River (MP 0.00) to Topock Compressor Station (MP 0.64) | 30" & 34" | 660 | 700 | 700 | 700 |
| 300A | Topock Compressor Station to PLS 1A (MP 40.87) | 34" | 865 | 877 | 890 | 890 |
| 300A | PLS 1A to PLS 2A (MP 103.72) | 34" | 815 | 815 | 815 | 815 |
| 300A | PLS 2A to PLS 2AX (MP 130.37) | 34" | 688 | 688 | 688 | 688 |
| 300A | PLS 2AX to Hinkley Compressor Station (MP 159.33) | 26" & 34" | 573 | 573 | 573 | 573 |
| 300A | Hinkley Compressor Station to PLS 3A (MP 203.02) | 34" | 861 | 861 | 890 | 890 |
| 300A | PLS 3A to PLS 4A (MP 256.21) | 34" | 803 | 817 | 817 | 817 |
| 300A | PLS 4A to PLS 5A (MP 299.01) | 34" | 736 | 757 | 757 | 757 |
| 300A | PLS 5A to Kettleman Compressor Station (MP 353.85) | 34" | 669 | 688 | 688 | 688 |
| 300A | Kettleman Compressor Station to PLS 6A (MP 436.74) | 34" | 840 | 840 | 890 | 890 |
| 300A | PLS 6A to Pacheco Pass PLS (MP 461.07) | 34" | 715 | 715 | 715 | 715 |
| 300A | Pacheco Pass PLS to PLS 7A Silver Creek (MP 490.65) | 34" | 631 | 631 | 715 | 715 |
| 300A | PLS 7A to Milpitas Terminal Station (MP 502.34) | 34" | 558 | 558 | 676 | 676 |
| 300B | Colorado River (MP 0.00) to Topock Compressor Station (MP 0.45) | 34" | 660 | 660 | 735 | 735 |
| 300B | Topock Compressor Station to PLS 1B (MP 40.49) | 34" | 865 | 869 | 894 | 894 |
| 300B | PLS 1B to PLS 2B (MP 103.51) | 34" | 815 | 821 | 821 | 821 |
| 300B | PLS 2B to PLS 2BX (MP 130.40) | 34" | 688 | 688 | 688 | 688 |
| 300B | PLS 2BX to Hinkley Compressor Station (MP 161.02) | 34" | 573 | 573 | 573 | 573 |
| 300B | Hinkley Compressor Station to PLS 3B (MP 203.07) | 34" | 861 | 861 | 897 | 897 |
| 300B | PLS 3B to PLS 4B (MP 256.64) | 34" | 803 | 816 | 816 | 816 |
| 300B | PLS 4B to PLS 5B (MP 299.00) | 34" | 736 | 757 | 757 | 757 |
| 300B | PLS 5B to Kettleman Compressor Station (MP 354.02) | 34" | 669 | 688 | 688 | 688 |

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 300B | Kettleman Compressor Station to PLS 6B (MP 436.85) | 34" | 840 | 840 | 890 | 890 |
| 300B | PLS 6B to Pacheco Pass PLS (MP 461.08) | 34" | 715 | 715 | 715 | 715 |
| 300B | Pacheco Pass PLS to PLS 7B Silver Creek (MP 490.92) | 34" | 631 | 631 | 715 | 715 |
| 300B | PLS 7B to Milpitas Terminal Station (MP 502.64) | 34" | 600 | 669 | 669 | 669 |
| 301G | Hollister Meter Station (MP 0.00) to Moss Landing Power Plant (MP 24.68) | 24" & 30" | 500 | 500 | 500 | 500 |
| 301A | Hollister Meter Station (MP 0.00) to Moss Landing Power Plant (MP 24.84) | 20" | 396 | 396 | 500 | 500 |
| 301B | Dolan Road Meter Station (MP 0.00) to Hilltown Regulator Station (MP 14.02) | 12" | 408 | 408 | 600 | 500 |
| *301C | Hilltown Regulator Station to Harkins Road Meter and Mixer Station (MP 17.20) | 8" & 12" | 313 | 313 | 500 | 500 |
| *301F | Espinosa Road (MP 0.00) to Marina Regulator Station (MP 7.94) | 16" | 408 | 412 | 400 | 412 |
| *301E | Crosstie - Monterey #2 (MP 0.00) to Main 301 (MP 1.02) | 12" | 408 | 408 | 500 | 500 |
| 301D | Anzar Tap Station to Anzar Road Meter & Regulator Station (MP 1.72) | 10" | 500 | 500 | 500 | 500 |
| 301H | Anzar Tap Station to Anzar Road Meter & Regulator Station | 16" | 500 | 500 | 500 | 500 |
| 302 | Sutter Buttes, W. Butte, Butte Slough, Grimes, Sycamore, Kirk & Buckeye Field Collection System | 2" - 20" | 1000 | 1000 | 1000 | 1000 |
| 302 | Buckeye Creek PLS (MP 0.00) to Hershey Junction (MP 5.76) | 20" | 975 | 975 | 1000 | 975 |
| 303 | Antioch Terminal to Brentwood Terminal (MP 7.86) | 36" | 720 | 720 | 720 | 720 |
| 303 | Brentwood Terminal to Irvington Station (MP 42.83) | 36" | 590 | 590 | 600 | 600 |
| 304 | Tracy Station (MP 0.00) to Lathrop Dehydrator & Odorizer Station (MP 11.29) | 12" | 825 | 825 | 825 | 825 |
| 304 | Lathrop Field Collection System | 3" - 12" | 825 | 825 | 825 | 825 |
| 306 | Kettleman Compressor Station (MP 0.00) to Dry Creek PLS (MP 43.3) | 20" | 840 | 840 | 840 | 840 |

(See Over)

| Trans. Line No. | Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|-----------------------|---|---|---------------------|------|------------------|----------------------------|
| 306 | Dry Creek PLS to Morro Bay Power Plant (MP 70.02) | 20" | 650 | 650 | 840 | 840 |
| 307 | Spreckels Sugar Meter Station (MP 0.00) to Spreckels Sugar Regulator (MP 16.36) | 8" | 500 | 500 | 915 | 890 |
| 307 | Derrick Road Tap (MP 0.00) to Arbios Regulator Station (MP 4.95) | 8" | 500 | 890 | 915 | 890 |
| 311 | Main 300 (MP 0.00) (V 180.64A) to Westend Primary Regulator Station (MP 54.44) | 10" & 12" | 700 | 700 | 960 | 890 |
| 311 | Parallel Section (MP 31.97) to MP 38.49 | 12" | 700 | 810 | 960 | 890 |
| 312 | Line 300A (MP 0.00) (T 273.27) to Paloma Field Meter Station (MP 8.00) | 8" | 736 | 740 | 820 | 820 |
| 313 | Lucerne Valley Tap Meter Station to Permanente Company Meter (MP 34.4) | 8" & 10" | 573 | 573 | 720 | 720 |
| 314 | Hinkley Compressor Station (MP 0.00) to MP 24.19 | 12" | 861 | 861 | 890 | 890 |
| 314 | MP 24.19 to MP 29.00 | 10" | 260 | 260 | 720 | 720 |
| 314 | MP 29.00 to Black Mountain Meter & Regulator Station (MP 43.18) | 8" & 10" | 260 | 260 | 720 | 720 |
| 314 | Tap to Riverside Cement | 8" | 260 | 260 | 720 | 720 |
| 314 | Tap to Airbase Road Meter Station | 8" | 260 | 260 | 720 | 720 |
| *316 | Dutch Slough & River Break Field Collection System | 2" - 12" | 800 | 800 | 800 | 800 |
| 317 | Chickahominy Field Collection System | 3" | 975 | 975 | 975 | 975 |
| 318 | Black Butte Field Collection System | 3" | 911 | 911 | 960 | 960 |
| 372 | Ridgecrest Tap to Ridgecrest Primary Regulator | 6" | 700 | 700 | 960 | 960 |
| 400 | California-Oregon Border (MP 0.00) to Tionesta Compressor Station (MP 24.60) | 36" | 911 | 911 | 911 | 911 |
| 400 | Tionesta Compressor Station to Indian Springs PLS (MP 48.64) | 36" | 911 | 911 | 911 | 911 |
| 400 | Indian Springs PLS to Burney Compressor Station (MP 82.33) | 36" | 911 | 911 | 911 | 911 |
| 400 | Burney Compressor Station to MP 104.20 | 36" | 911 | 911 | 911 | 911 |
| 400 | MP 104.20 to Shingletown PLS (MP 115.26) | 36" | 911 | 915 | 942 | 942 |
| 400 | Shingletown PLS to Gerber Compressor Station (MP 149.18) | 36" | 911 | 911 | 911 | 911 |

| <u>Trans. Line No.</u> | <u>Location</u> | <u>Nominal Pipe Diameter (Inches)</u> | <u>PG&E MOP psig</u> | <u>MAOP</u> | <u>Design Press.</u> | <u>Future Design Press.</u> |
|--------------------------------|---|---|----------------------------------|-------------|--------------------------|-------------------------------------|
| 400 | Gerber Compressor Station to Delevan Compressor Station (MP 197.83) | 26" & 36" | 911 | 911 | 911 | 911 |
| 400 | Delevan Compressor Station to Buckeye Creek PLS (MP 233.87) | 36" | 1040 | 1040 | 1040 | 1040 |
| 400 | Buckeye Creek PLS to Antioch Terminal (MP 298.87) | 26" & 36" | 975 | 975 | 975 | 975 |
| 402 | Redding-Calaveras Tap (MP 0.00) to PLS (MP 9.96) | 12" | 300 | 300 | 865 | 865 |
| 402 | MP 9.96 to Calaveras Cement Tap (MP 38.10) | 8" 10" 12" | 300 | 300 | 720 | 720 |
| 403 | Rio Vista "Y" (MP 0.00) to Creed Station (MP 1.38) | 16" | 650 | 650 | 855 | 800 |

*Indicates that line or sections of line are under 20% SMYS, but are listed for the purpose of continuity.

DISTRIBUTION MAINS
OPERATING AT OR OVER 20% SMYS

| <u>Location</u> | <u>Nominal Pipe Diameter (Inches)</u> | <u>PG&E MOP psig</u> | <u>MAOP</u> | <u>Design Press.</u> | <u>Future Design Press.</u> |
|---|---|----------------------------------|-------------|--------------------------|-------------------------------------|
| <u>COAST VALLEYS DIVISION</u> | | | | | |
| Monterey #1 - Harkins Road Meter & Mixer Station to Fig-Frank Streets Regulator Station | 8" & 12" | 313 | 313 | 500 | 400 |
| Monterey #2 - Fort Ord to Fig-Frank Streets Regulator Station | 10" 12" 16" | 313 | 313 | 400 | 400 |
| Monterey (V-18.65 to Carmel V-2.13) Aquajito Road Regulator Station | 8" & 10" | 313 | 313 | 500 | 400 |
| Harkins Road Meter and Mixer Station to MP 2.45 | 8" & 10" | 313 | 313 | 500 | 500 |
| MP 2.45 to MP 3.50 | 8" | 313 | 313 | 500 | 500 |
| MP 3.50 to California Street Regulator Station | 8" | 313 | 313 | 500 | 500 |
| Salinas Main - Foster Road to San Miguel Avenue | 8" | 313 | 313 | 500 | 500 |
| DFM-6 Espinosa Road Main from 301-B, V-3.18 | 6" | 400 | 720 | 720 | 720 |
| DFM-7 Union Carbide Main from 187, MP 17.42 | 3" | 313 | 313 | 720 | 870 |
| DFM-8 Paradise Road to Meridian Road Main | 4" & 6" | 500 | 500 | 720 | 500 |
| <u>COLGATE DIVISION</u> | | | | | |
| Yuba City HPU Holder to Market Street Regulator Pit | 6" & 8" | 135 | 135 | 400 | 400 |
| Tap to Schohr Ranch | 6" | 250 | 250 | 720 | 720 |
| <u>DRUM DIVISION</u> | | | | | |
| Diamond Oaks Feeder | 6" | 500 | 500 | 500 | 600 |
| <u>EAST BAY DIVISION</u> | | | | | |
| Avon Power Station Feeder | 8" & 12" | 315 | 338 | 600 | 600 |
| Phillips Petroleum Company Feeder | 12" | 315 | 338 | 600 | 600 |
| General Chemical Tap | 4" | 315 | 338 | 600 | 720 |
| Pacific States Steel Feeder | 12" | 420 | 420 | 600 | 500 |
| Warm Springs Feeder | 2" & 4" | 465 | 465 | 500 | 600 |
| Port Costa Feeder | 6" | 315 | 338 | 600 | 600 |
| 50th Avenue Holder Feeder | 16" & 20" | 150 | 198 | 250 | 275 |
| Pittsburg Town Feeder | 12" | 315 | 338 | 600 | 720 |
| Concord Feeder to Alpha Beta Regulator | 8" | 315 | 600 | 600 | 600 |
| Oleum Steam Plant Tap | 8" 10" 12" | 250 | 250 | 275 | 275 |
| San Ramon Feeder | 16" | 500 | 500 | 500 | 600 |
| Standard Oil Feeder | 22" | 400 | 400 | 400 | 400 |

(See Over)

| Location | Nominal Pipe Diameter (Inches) | PG&E MOP psig | MAOP | Design Press. | Future Design Press. |
|---|---|---------------------|------|------------------|----------------------------|
| <u>NORTH BAY DIVISION</u> | | | | | |
| Cotati Feeder | 8" | 450 | 500 | 675 | 675 |
| 12" Line 21 (V-16.15) to Pine Street Meter Station | 8" | 450 | 500 | 675 | 675 |
| 12" Line 21 (V-16.15) to Kilburn Regulator Station | 10" | 450 | 500 | 675 | 675 |
| Kilburn Regulator Station to Yountville | 8" & 10" | 450 | 500 | 675 | 675 |
| 6" Sonoma Tap Line | 6" | 450 | 500 | 675 | 675 |
| <u>SACRAMENTO DIVISION</u> | | | | | |
| Sacramento Gas Plant to North Sacramento HPU Holder | 8" & 12" | 260 | 260 | 400 | 400 |
| Tremont Tap to Dixon Meter Station | 6" | 550 | 750 | 800 | 800 |
| Tap to Union Carbide (MP 0.00 - MP 4.05) | 8" & 10" | 412 | 412 | 720 | 720 |
| <u>SAN FRANCISCO DIVISION</u> | | | | | |
| Peninsula Main | 16" & 20" | 109 | 109 | 275 | 275 |
| Hunters Point Power Plant Feeder | 20" | 145 | 145 | 275 | 275 |
| <u>SAN JOAQUIN DIVISION</u> | | | | | |
| Tranquility Feeder | 3" | 800 | 800 | 900 | 900 |
| Yosemite Avenue Feeder | 6" | 400 | 720 | 720 | 720 |
| Line 300A to California-Portland Cement Company | 3" | 803 | 817 | 865 | 865 |
| Snelling Highway Feeder | 6" | 400 | 400 | 400 | 720 |
| Dixon Dryer Feeder | 4" | 500 | 500 | 720 | 720 |
| Peach and Central Feeder | 6" | 650 | 720 | 720 | 720 |
| Clovis Feeder Main | 6" & 12" | 650 | 650 | 720 | 720 |
| Vinewood Avenue Feeder | 4" | 400 | 720 | 720 | 720 |
| Winton Avenue Feeder | 6" | 400 | 720 | 720 | 720 |
| Cressey Way Feeder | 4" & 6" | 400 | 400 | 720 | 720 |
| Valley Nitrogen Feeder | 6" | 650 | 650 | 800 | 720 |
| <u>SAN JOSE DIVISION</u> | | | | | |
| Half Moon Bay Feeder Line | 8" 10" 12" | 400 | 577 | 577** | 577** |
| Santa Cruz to Davenport | 10" & 12" | 300 | 303 | 557** | 400 |
| Milpitas Terminal to PLS #7, 20" Feeder | 16" 20" 30" | 200 | 200 | 275 | 552 |
| Watsonville to River Street Regulator Station | 8" & 10" | 300 | 303 | 577** | 400 |
| Watsonville to Rob Roy Junction | 10" | 300 | 303 | 557** | 400 |

**See Paragraph 6

| <u>Location</u> | <u>Nominal Pipe Diameter (Inches)</u> | <u>PG&E MOP psig</u> | <u>MAOP</u> | <u>Design Press.</u> | <u>Future Design Press.</u> |
|--------------------------------------|---|----------------------------------|-------------|--------------------------|-------------------------------------|
| <u>SHASTA DIVISION</u> | | | | | |
| Simpson Lee Paper Mill Feeder | 6" | 300 | 300 | 720 | 720 |
| U.S. Plywood Plant Feeder | 4" | 300 | 720 | 720 | 720 |
| Enterprise Town Feeder | 4" & 6" | 300 | 300 | 720 | 720 |
| Calaveras Cement Company Feeder | 8" | 300 | 300 | 720 | 720 |
| Red Bluff District Tap | 2 ^b | 911 | 911 | 911 | 911 |
| <u>STOCKTON DIVISION</u> | | | | | |
| Roth Road Feeder - Manteca | 4" | 408 | 720 | 720 | 720 |
| Valley Tomato Trunk Line | 8" | 412 | 500 | 720 | 720 |
| Eight Mile Road Trunk Line | 4" & 8" | 412 | 426 | 720 | 720 |
| Ripon-Modesto Feeder (Parallel) | 8" & 12" | 408 | 408 | 720 | 720 |
| Dale Road to North Avenue Feeder | 12" | 408 | 408 | 720 | 720 |
| Riverbank Feeder | 8" & 10" | 408 | 720 | 720 | 720 |
| Carpenter Road Feeder | 12" | 412 | 500 | 720 | 720 |
| Modesto Feeder Via Pauline Boulevard | 4" & 6" | 408 | 408 | 720 | 720 |
| Turner Road Feeder (Parallel) | 4" & 8" | 300 | 300 | 720 | 720 |
| McArthur Road Feeder | 4" | 295 | 295 | 400 | 720 |
| Louise Avenue Feeder | 8" | 408 | 408 | 720 | 720 |
| C.Y.A. Feeder - Stockton | 6" | 412 | 426 | 720 | 720 |
| Morgan Road Feeder - Modesto | 12" | 260 | 720 | 720 | 720 |
| Swain Road Feeder | 6" & 8" | 125 | 400 | 400 | 400 |
| Turlock to Ceres Regulator Station | 10" | 250 | 260 | 720 | 720 |

(See Over)

PIPE TYPE HIGH PRESSURE
 UNDERGROUND HOLDERS
 OPERATING AT OR OVER 20% SMYS

| <u>Location</u> | <u>Length (Feet)</u> | <u>Nominal Pipe Diameter (Inches)</u> | <u>PG&E MOP psig</u> | <u>MAOP</u> | <u>Design Press.</u> | <u>Future Design Press.</u> |
|-------------------------------|--------------------------|---|----------------------------------|-------------|--------------------------|-------------------------------------|
| <u>COLGATE DIVISION -</u> | | | | | | |
| Yuba City | 24,784 | 34" | 525 | 525 | 550 | 550 |
| <u>NORTH BAY -</u> | | | | | | |
| San Rafael | 37,392 | 30" | 650 | 650 | 690 | 690 |
| <u>SACRAMENTO DIVISION -</u> | | | | | | |
| Sacramento | 78,452 | 34" | 445 | 445 | 550 | 550 |
| <u>SAN JOAQUIN DIVISION -</u> | | | | | | |
| Fresno | 43,722 | 30" | 690 | 690 | 690 | 690 |
| <u>SAN JOSE DIVISION -</u> | | | | | | |
| Santa Cruz | 7,221 | 30" | 660 | 660 | 660 | 660 |
| | 4,838 | 34" | 660 | 660 | 660 | 660 |