	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
2	300-LRCV 21 (300A between PLS-1 and Topock)	383056-1	300A	21.23		21.23A	Lrcv-21.23A Ml V21.23A %Open Sp	MLV - L300A, crossties either side	
3	300-LRCV 21 (300B between PLS-1 and Topock)	383056-1	300B	20.84		20.84B	Lrcv-20.84B Ml V20.84B %Open Sp	MLV - 300B, crossties either side	
4	300-PLS-PLS 1	082611	300A	40.87		40.87A	Pls-1A Ml V40.87A % Open Sp	MLV - 300A, open tap valves to reg station on either side.	
5	300-PLS-PLS 1	082611	Station			8	Pls-1A Questar V8 Open/Close	Station - Questar Tap	
6	300-PLS-PLS 1	082611	300A*	40.87		3	Pls-1A Reg V3 % Open Sp	Station - Regulator L300A	
7	300-PLS-PLS 1	082611	300A	40.87	300B	7	Pls-1B Xtie V7 Open/Close	Crosstie - L300A to L300B, D/S side	
8	300-PLS-PLS 1	082611	300B	40.49		40.49B	Pls-1B Ml V40.48B % Open Sp	MLV - L300B	
9	300-PLS-PLS 1	082611	300B*	40.49		6	Pls-1B Reg V6 % Open Sp	Station - Regulator L300B	
10	300-LRCV 71 (300A between PLS-1 and PLS-2)	383056-1	300A	71.98		71.98A	Lrcv-71.98A Ml V71.98A %Open Sp	MLV - 300A, crossties either side	
11	300-LRCV 71 (300B between PLS-1 and PLS-2)	383056-1	300B	71.96		71.96B	Lrcv-71.96B Ml V71.96B %Open Sp	MLV - 300B, crossties either side	
12	300-PLS-PLS 2	082328	300A	103.72		103.72A	Pls-2A Ml V103.72A % Open Sp	MLV - 300A	
13	300-PLS-PLS 2	082328	300A*	103.72		3	Pls-2A Reg V3 % Open Sp	Station - Regulator L300A	
14	300-PLS-PLS 2	082328	300A	103.72	300B	7	Pls-2B Xtie V7 Open/Close	Crosstie - L300A to L300B, D/S side	
15	300-PLS-PLS 2	082328	300B	103.51		103.51B	Pls-2B Ml V103.51B % Open Sp	MLV - L300B	
16	300-PLS-PLS 2	082328	300B*	103.51		6	Pls-2B Reg V6 % Open Sp	Station - Regulator L3000B	
17	300-PLS-PLS 2X	0800212	300A	149.65		149.65A	Pls-2Ax Mlv 149.65A % Open Sp	MLV - L300A	
18	300-PLS-PLS 2X	0800212	300A*	149.65		3	Pls-2Ax Reg V3 % Open Sp	Station - Regulator 300A	
19	300-PLS-PLS 2X	0800213	300B	148.91		148.91B	Pls-2Bx Mlv148.91% Open Sp	MLV - L300B	
20	300-PLS-PLS 2X	0800213	300B*	148.91		3	Pls-2Bx Reg V3 % Open Sp	Station - Regulator L300B	
21	300-PLS-PLS 3	082404	300A	203.02		203.02A	Pls-3A Ml V203.02A % Open Sp	MLV - L300A, Taps to Reg Sta. & Edwards AFB on either side (D/S open)	
22	300-PLS-PLS 3	082404	300A*	203.02		3	Pls-3A Reg V3 % Open Sp	Station - Regulator L300A, crosstie on D/S	
23	300-PLS-PLS 3	082404	300B	203.07		203.07B	Pls-3B Ml V203.07B % Open Sp	MLV - L300B	
24	300-PLS-PLS 3	082404	300B*	203.07		21	Pls-3B Reg V21 % Open Sp	Station - Regulator L300B, crosstie on D/S	
25	300-LRCV 237 (300A between PLS-4 and PLS-3)	383055-1	300A	237.50		237.50A	Lrcv-237.50A Ml V237.50A %Open Sp	MLV - L300A, crossties either side	
26	300-LRCV 237 (300B between PLS-4 and PLS-3)	383055-1	300B	237.50		237.50B	Lrcv-237.50B Ml V237.50B %Open Sp	MLV - L300B, crossties either side	
27	300-PLS-PLS 4	082102	300A	256.21	300B	7	Pls-4A Xtie V7 Open/Close	Crosstie - L300A to L300B, D/S side	
28	300-PLS-PLS 4	082102	300A	256.21		256.21A	Pls-4A Ml V256.21A % Open Sp	MLV - L300A, crossties either side	

	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
29	300-PLS-PLS 4	082102	300A*	256.21		6	Pls-4A Reg V6 % Open Sp	Station - Regulator L300A	
30	300-PLS-PLS 4	082102	300A	256.21	300B	8	Pls-4A U/S Xtie V8 Open/Close	Crosstie - 300A to 300B, U/S side	
31	300-PLS-PLS 4	082102	300B	256.64		256.64B	Pls-4B Ml V256.64B % Open Sp	MLV - L300B, crossties either side	
32	300-PLS-PLS 4	082102	300B*	256.64		3	Pls-4B Reg V3 % Open Sp	Station - Regulator L300B	
33	300-PLS-PLS 5	082293	300A	299.01		299.01A	Pls-5A Ml V299.01A % Open Sp	MLV - L300A, open tap valves to reg station on either side	
34	300-PLS-PLS 5	082293	300A*	299.01		3	Pls-5A Reg V3 % Open Sp	Station - Regulator L300A	
35	300-PLS-PLS 5	082293	300A	299.01	300B	7	Pls-5B U/S Xtie V7 Open/Close	Crosstie - 300A to 300B	
36	300-PLS-PLS 5	082293	300B	299.00		299.00B	Pls-5B Ml V299.00B % Open Sp	MLV - L300B, open tap valves to reg station on either side	
37	300-PLS-PLS 5	082293	300B*	299.00		6	Pls-5B Reg V6 % Open Sp	Station - Regulator L300B	
38	300-LRCV 328 (300A between Kettleman and PLS-5)	383055-2	300A	328.06		328.06A	Lrcv-328.06A Mlv %Open Sp	MLV - L300A, crossties either side	
39	300-LRCV 328 (300B between Kettleman and PLS-5)	383055-2	300B	327.87		327.87B	Lrcv-327.87B Mlv %Open Sp	MLV - L300B, crossties either side	
40	300-LRCV 373B (300B between Kettleman and Helm Tap)	382704-1	300B	373.82		373.82B	Lrcv-373.82B Mlv %Open Sp	MLV - L300B	
41	300-LRCV 418 (300B between Panoche and Tres Pinos)	382704-2	300B	419.11		419.11B	Lrcv-419.11B Ml V419.11B %Open Sp	MLV - L300B, crossties either side	
42	300-LRCV 418 (300A between Panoche and Tres Pinos)	382704-2	300A	418.88		418.88A	Lrcv-418.88A Ml V418.88A %Open Sp	MLV - L300A, crossties either side	
43	300-PLS-PLS 6	081817	300A	436.74		436.74A	Pls-6A Ml V436.74A % Open Sp	MLV - L300A, open tap valves to reg station on either side	
44	300-PLS-PLS 6	081817	300A*	436.74		3	Pls-6A Reg V3 % Open Sp	Station - Regulator L300A	
45	300-PLS-PLS 6	081817	300A	436.74	300B	9	Pls-6B Xtie V9 Open/Close	Crosstie - L300A to L300B, D/S side	
46	300-PLS-PLS 6	081817	300B	436.85		436.85B	Pls-6B Ml V436.85B % Open Sp	MLV - L300B, open tap valves to reg station on either side	
47	300-PLS-PLS 6	081817	300B*	436.85		8	Pls-6B Reg V8 % Open Sp	Station - Regulator L300B	
48	300-PLS-PLS 7	081816	300A	490.65		490.65A	Pls-7A Ml V490.65A % Open Sp	MLV - L300A, crossties either side, both sides connection to L100	
49	300-PLS-PLS 7	081816	300A*	490.65		3	Pls-7A Reg V3 % Open Sp	Station - Regulator L300A	
50	300-PLS-PLS 7	081816	300B	490.92		490.92B	Pls-7B Ml V490.92B % Open Sp	MLV - L300B, crossties either side	
51	300-PLS-PLS 7	081816	300B*	490.92		8	PLS-7B REG V8 % Open Sp	Station - Regulator L300B	
52	Antioch Terminal	484757	Station			103	Antioch V103L Max %Op Antioch V103 D/S or U/S Pr Sp	Station 103/103R Regulation	
53	Antioch Terminal	484757	Station			103R	Antioch V103R Max %Op	Station 103/103R Regulation	
54	Antioch Terminal	484757	Station			104	Antioch V104L Max %Op Antioch V104 D/S Pr Sp	Station - to L114 104/104R Regulation	
55	Antioch Terminal	484757	Station			104R	Antioch V104R Max %Op	Station - to L114 104/104R Regulation	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
56	Antioch Terminal	484757	Station			105	Antioch V105L Max %Op Antioch V105 D/S Pr Sp	Station - to L114 105/105R Regulation	
57	Antioch Terminal	484757	Station			105R	Antioch V105R Max %Op	Station - to L114 105/105R Regulation	
58	Antioch Terminal	484757	400	298.84		152	Antioch V152 D/S, U/S Pr Sp, or Max %Op	Station - End 400, V152 Regulation	
59	Antioch Terminal	484757	400	298.84		154	Antioch V154 D/S, U/S Pr Sp, or Max %Op	Station - End L400, V154 Regulation	
60	Antioch Terminal	484757	SP5	0.00		160	Antioch V160L Valve Max %Op Antioch V160 D/S Pr Sp	Station - to SP5 160/160R Regulation	
61	Antioch Terminal	484757	SP5*	0.00		160R	Antioch V160R Valve Max %Op	Station - to SP5 160/160R Regulation	
62	Antioch Terminal	484757	SP5	0.00		174	Antioch V174 D/S Pr Sp or Max %Op	Station - to SP5 V174 Regulation	
63	Antioch Terminal	484757	SP4	8.93		86	Antioch V86 D/S Pr Sp or Max%Op Antioch V86 Valve Max %Op	Station - from SP4 Regulation	
64	Antioch Terminal	484757	Station			89	Antioch V89L Valve Max %Op	Station - to L191 89/89R Regulation	
65	Antioch Terminal	484757	Station			89R	Antioch V89R Valve Max %Op	Station - to L191 89/89R Regulation	
66	Antioch Terminal	484757	Station			90	Antioch V90L Valve Max %Op Antioch V90 D/S Pr Sp	Station - to L191 90/90R Regulation	
67	Antioch Terminal	484757	Station			90R	Antioch V90R Valve Max %Op	Station - to L191 90/90R Regulation	
68	Antioch Terminal	484757	Station			4	Antioch V4 Open/Close	Station - Routing Valve to L114	
69	Bakersfield Tap (Lrcv 284)	081813	300A	284.69	300B	15	Bkrfd-Tap V15 Open/Close	Crosstie - L300A to L300B, D/S side	
70	Bakersfield Tap (Lrcv 284)	081813	300B	284.62		284.62B	Lrcv-284.62B Mlv %Open Sp	MLV - L300B	
71	Bakersfield Tap (Lrcv 284)	081813	300A	284.69		284.69A	Lrcv-284.69A Mlv%Open Sp	MLV - L300A	
72	Baseline Road	082208	123	3.42		3.42	Baseline-Rd V3.42 Open/Close	MLV - L123 at MP 3.42, tap valves on either side	
73	Bethany Compressor	183098	401	317.24		317.23 or 317.24	Bethany V317.24 Open/Close	MLVs - L401, operator can close one or the other depending upon flow direction selected	
74	Bethany Compressor	183098	401	317.24	2	15	Bethany Xtie Reg V15 D/S Press Sp or Max %Open	Crosstie - Regulator between L401 to L2	
75	Bixler Rd Pls	089662	Station			4	Bixler_Rd V4 PIC-4 %Open SP	Station - L401 to/from L57B, V-4/4R Regulation	
76	Bixler Rd Pls	089662	401	308.31	57B	7	Bixler_Rd V-7 %Open SP	Crosstie - L401 to L2 (Regulated), North side	
77	Bixler Rd Pls	089662	401	308.31	57B	8	Bixler_Rd V-8 %Open SP	Crosstie- L401 to L2 (Regulated), South side	
78	Bixler Rd Pls	089662	401	308.31		308.31	Bixler_Rd MLV 308 Open/Close	MLV - L401, tap valves on either side (V7 and V8)	
79	Bolsa Station	089655	103	0.00	301A/G	18	Bolsa Station V18 Open/Close	Crosstie - Tap Valve to L103 for Regulation from L301A/G to L103	
80	Brentwood Regulator Station	087582	316N	0.00		16	Brent-Deh V16 Pressure SP Antioch Brent-Deh V16 Press SP	Station - Regulator V-16, L316 to L316N feeding L114	
81	Brentwood Terminal	384748	Station			26	Brt-Plc V26 D/S Press Sp, U/S Press SP, Flow SP, or Max %Open	Station - Regulation V-26, Station to Station	
82	Brentwood Terminal	384748	114	16.59		60	Brt-Plc V060 D/S Press SP, Flow SP, or Max %Open	Station - Regulation V-60, Station to L114	

	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
83	Brentwood Terminal	384748	Station			66	Brt-Plc V066 D/S Press SP, Flow SP, or Max %Open	Station - Regulation V-66, Station to L131	
84	Brentwood Terminal	384748	Station			67	Brt-Plc V067 VD/S Press SP, Flow SP, or Max %Open	Station - Regulation V-67, Station to L131	
85	Brentwood Terminal	384748	57B	16.79	2	107	Brt-Plc V107 D/S Pr Sp or Max %Op Brt-Plc V107 Flow Sp or U/S Press SP	Station - Regulation V-107, L57B to L2	
86	Brentwood Terminal	384748	57B	16.79	303	114	Brt-Plc V114 D/S Press Sp, U/S Press SP, Flow SP, or Max %Open	Station - Regulation V-114, L57B to L303	
87	Brentwood Terminal	384748	57B	16.79	303	118	Brt-Plc V118 D/S Press Sp, U/S Press SP, Flow SP, or Max %Open	Station - Regulation V-118, L57B to L303	
88	Brentwood Terminal	384748	57B	16.79		127	Brt-Plc V127 D/S Press Sp, U/S Press SP, Flow SP, or Max %Open	Station - Regulation V-127, L57B to L303 or L114 or L131	
89	Brentwood Terminal	384748	303	7.95		144	Brt-Plt V144 Max %Open	Station - Regulation V-144, L57B or L303S to L303N	
90	Brentwood Terminal	384748	303	7.95		144R	Brt-Plt V144 D/S Press Sp, U/S Press SP, Flow SP, or Max %Open	Station - Regulation V-144/144R, L57B or L303S to L303N	
91	Brentwood Terminal	384748	Station			11	Brt-Plt V11 % Open SP	Station - Routing Valve	
92	Brentwood Terminal	384748	Station			15	Brt-Plt V15 % Open Sp	Station - Routing Valve	
93	Brentwood Terminal	384748	Station			17	Brt-Plt V17 % Open Sp	Station - Routing Valve	
94	Brentwood Terminal	384748	Station			36	Brt-Plt V36 % Open Sp	Station - Routing Valve	
95	Brentwood Terminal	384748	Station			42	Brt-Plt V42 % Open Sp	Station - Routing Valve	
96	Brentwood Terminal	384748	Station			43	Brt-Plt V43 % Open Sp	Station - Routing Valve	
97	Brentwood Terminal	384748	Station			51	Brt-Plt V51 % Open Sp	Station - Routing Valve	
98	Brentwood Terminal	384748	Station			52	Brt-Plt V52 % Open Sp	Station - Routing Valve	
99	Brentwood Terminal	384748	Station			53	Brt-Plt V53 % Open Sp	Station - Routing Valve	
100	Brentwood Terminal	384748	57A	16.68		56	Brt-Plt V56 % Open Sp	Station - Routing Valve, 57A Tap to Station	
101	Brentwood Terminal	384748	Station			59	Brt-Plt V59 % Open Sp	Station - Routing Valve	
102	Brentwood Terminal	384748	Station			61	Brt-Plt V61 % Open Sp	Station - Routing Valve	
103	Brentwood Terminal	384748	Station			62	Brt-Plt V62 % Open Sp	Station - Routing Valve	
104	Brentwood Terminal	384748	Station			68	Brt-Plt V68 Open/Close	Station - Routing Valve	
105	Brentwood Terminal	384748	Station			69	Brt-Plt V69 Open/Close	Station - Routing Valve	
106	Brentwood Terminal	384748	Station			70	Brt-Plt V70 Open/Close	Station - Routing Valve	
107	Brentwood Terminal	384748	Station			71	Brt-Plt V71 Open/Close	Station - Routing Valve	
108	Brentwood Terminal	384748	Station			86	Brt-Plt V86 Open/Close	Station - Routing Valve	
109	Brentwood Terminal	384748	Station			121	Brt-Plt V121 %Open Sp	Station - Routing Valve	

	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
110	Brentwood Terminal	384748	303	7.95		122	Brt-Plt V122 %Open Sp	Station - Routing Valve, L303 Tap to Station	
111	Brentwood Terminal	384748	Station			146	Brt-Plt V146 Open/Close	Station - Routing Valve	
112	Brentwood Terminal	384748	303	7.95		172	Brt-Plt V172 Open/Close	Station - Routing Valve, L303 Tap to Station	
113	Buckeye Creek	082472	400	233.87		3	Buck-400 BPV-3 Press Sp	Station - Regulator Valve L400	
114	Buckeye Creek	082472	400	233.87		233.87	Buck-400 MLV-233A Press Sp	MLV - L400, open tap valves either side to L302W	
115	Buckeye Creek	082472	401	233.89		10	Buck-Pep BPV-10 Press Sp	Station - Regulator Valve L401	
116	Buckeye Creek	082472	401	233.89		233.89	Buck-Pep MLV-233B Press Sp	MLV - L401	
117	Buckeye Creek	082472	401	233.89	400	8	Buck-401 Xtie V8 Open/Close	Crosstie - L401 to L400, U/S side	
118	Carlson and Adams	085547	105A	44.54		44.54	Crlsn-Adms V44.54 Open/Close	MLV - L105A, Open tap valves either side to Reg Station	
119	Creed Station	182416	210B	1.37	210A	17	Creed V17 D/S Press Sp, U/S Press SP	Station - Regulation V17, L210B (east) to L210A MP1.36 (west)	
120	Creed Station	182416	210B	1.37	403	24	Creed Open/Close V24	Crosstie - L210 to L403 MP1.43	
121	Creed Station	182416	400	281.58		7	Creed V7 D/S Press Sp Creed M1 Flow Sp	Station - Regulation V7, L400 to Station then L210 system	
122	Creed Station	182416	400	281.58		8	Creed V8 D/S Press Sp Creed V8 U/S Press Sp	Station - Regulation V8, L400 to Station then L210 system	
123	Creed Station	182416	400	281.58		9	Creed V9 D/S Press Sp Creed M3 Flow Sp	Station - Regulation V9, L400 to Station then L210 system	
124	Crockett Station	284254	21	0.00	105B	35	Crock-Sta V35 Via Moore Open/CLose	MLV - Pipe changes from L21 to L105B (MP0.00), ASV for Carquinez Bridge also	
125	Cummings Creek	082474	177	163.03		163.03	Cumng-Crk Valve V163.03 Open/Close	MLV - L177, Regulation immediately D/S of valve	
126	Davis Town Station	382545	220	22.01	119A	65	Dav-Twn V65 Open/Close	MLV - End L220 connects to Station & L119A	
127	Delevan Compressor Station	389901	400	197.83		222	Delevan-K L400 Spill V222 % Open Sp	Station - Spill valve to L400, closing will also close V224 (trimmer)	
128	Delevan Compressor Station	389901	401	197.84		223	Delevan-K L401 Spill V223 % Open Sp	Station - Spill valve to L401, closing will also close V225 (trimmer)	
129	Diana Ave (Lrcv 475)	082126	300A	475.76		475.76A	Lrcv-475.76A Ml V475.76A %Open Sp	MLV - L300A	
130	Diana Ave (Lrcv 475)	082126	300B	476.27		476.27B	Lrcv-476.27B Ml V476.27B %Open Sp	MLV - L300B	
131	Elm and Adams (Fresno)	082233	138	38.59		26	Elm-Adams Valve V26 Open/Close	MLV - L138, Station taps either side, west side open	
132	Estrella River Pls	089659	306	40.30		3	Estrella V3 D/S Press SP	MLV - L306, Regulator 16" V3, L306 east to west, MAOP Break	
133	Estrella River Pls	089659	306	40.30		17	Estrella V7 D/S Press Sp	Station - L306 Regulator 10" V7, L306 east to west, MAOP Break	
134	Fell Station	082551	169	13.17	177	20	Fell-Sta Ra/Lwr V-20 Flow Fell-Sta V20 Press SP, %Open Sp	Station - Regulator/Flow Control for V20, L169 to L177 MP0.00	
135	Forest Glen	085541	177	109.83		109.83	Forest_Glen Valve V109.83 Open/Close	MLV - L177	
136	Franklin Canyon	089656	SP3	191.15	105B	17	Frnk-Cyn V17 Open/Close	Crosstie - SP3 (Incoming Side) to L105B MP4.11	

	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
137	Franklin Canyon	089656	SP3	191.15		191.15	Frnk-Cyn V191.15 Open/Close	MLV - SP3, closed crosstie valves either side	
138	Franklin Canyon	089656	SP3	191.15	105B	2	Frnk-Cyn V2 Open/Close	Crosstie - SP3 (Station Side) to L105B MP4.11	
139	French Camp	089441	108	22.31		22.31	Frnch-Cmp Op/Cl V22.31Open/Close	MLV - L108	
140	Fresno Junction	081542	Station				Frsno-Jct V14 Press SP	Station - Regulator/Flow Control for V14 (note no Citect valve position indication)	
141	Fresno Load Center	382885	L138				Fno-Glc V111 Open/Close	Station Routing Valve, L138 to Distribution	
142	Gerber Compressor Station	284543	L400	149.18	L177		Gerber-K V22 Press Sp, Max %Open	Station - Regulator/Flow Control for V22 to route L400 gas to L177 south of L400 MLV	
143	Gerber Compressor Station	284543	L400	149.18	L177		Gerber-K V27 Press Sp, Max %Open	Station - Regulator/Flow Control for V27 to route L400 gas to L177 north of L400 MLV	
144	Gerber Compressor Station	284543	L177				Gerber-K V37.84 Open/Close	MLV - L177 at MP37.84	
145	Gill Ranch Meter	0801488	Station				Gill_Ranch_MS V2, Open/Close	Station - Tap Valve to Gill Ranch	
146	Healy Station	087221	L132	40.05	L109		Healy Station V3 Open/Close	Crosstie - L132 to L109 (MP38.91)	OD only
147	Helm Tap (Lrcv 378A)	081818	L300A	378.65		378.65A	Lrcv-378.65A Mlv %Open Sp	MLV - L300A	
148	Herndon Jct	081543	Station				Herndon V-1 Open/Close	Station - Routing Valve (note no Citect valve position indication)	
149	Herrmann Station	082454	L21				Herrmann V1.52 Open/Close	MLV - L21 at MP1.52	
150	Herrmann Station	082454	L210				Herrmann V32 Press Sp	MLV - L210 at MP32.11	
151	Herrmann Station	082454	Station				Herrmann V4R Press Sp	Station - L21 regulation	
152	Hershey Junction	183099	Station				Hrshy-Jct V26 Open/Close	Station - routing valve	
153	Hershey Junction	183099	Station				Hrshy-Jct V27 Open/Close	Station - routing valve	
154	Hershey Junction	183099	Station				Hrshy-Jct V28 Open/Close	Station - meter run valve	
155	Hershey Junction	183099	Station				Hrshy-Jct V30 Open/Close	Station - meter run valve	
156	Hershey Junction	183099	Station				Hrshy-Jct V32 Open/Close	Station - meter run valve	
157	Hershey Junction	183099	Station				Hrshy-Jct V34 Open/Close	Station - meter run valve	
158	Hershey Junction	183099	Station				Hrshy-Jct V4 Press Sp, Max % Open SP	Station - routing valve	
159	Hershey Junction	183099	L172				Hrshy-Jct V40 Open/Close	MLV - L172 MP40.07	
160	Hershey Junction	183099	Station				Hrshy-Jct V5 Press Sp	Station - regulator	
161	Hershey Junction	183099	Station				Hrshy-Jct V7 Max % Open	Station - regulator	
162	Hershey Junction	183099	Station				Hrshy-Jct V7R Flow Sp, Press SP, Max % Open	Station - regulator/flow control	
163	Hershey Junction	183099	Station				Hrshy-Jct V8 Max % Open	Station - regulator	

	A	B	C	D	E	F	G	H	I
1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
164	Hershey Junction	183099	Station				Hrshy-Jct V8R Flow Sp, Press SP, Max % Open	Station - regulator/flow control	
165	Hollister (Lrcv 450)	282255	300B	450.79		450.79B	Lrcv-450.79B Ml V450.79B %Open Sp	MLV - L300B	
166	Hollister (Lrcv 450)	282255	300A	450.83	300B	17	LRCV-450.79B VALVE17 %Open Sp	Crosstie - L300A&B, U/S side	
167	Hollister (Lrcv 450)	282255	300A	450.83		450.83A	Lrcv-450.83A Ml V450.83A %Open Sp	MLV - L300A	
168	Hollister (Lrcv 450)	282255	301A	0.00		10	Lrcv-450.83A Pic10 Press Sp	Station - Begin L301A, 10/10R Regulation	
169	Hollister (Lrcv 450)	282255	Station			26	Lrcv-450.83A Pic26 Press Sp	Station - Monitor L300A to L301G	
170	Hollister (Lrcv 450)	282255	Station			27	Lrcv-450.83A Pic27 Press Sp	Station - Monitor L300B to L301G	
171	Hollister (Lrcv 450)	282255	301G	0.00		30	Lrcv-450.83A Pic30 Press Sp	Station - Begin L301G, Regulation Run #2	
172	Hollister (Lrcv 450)	282255	301G	0.00		31	Lrcv-450.83A Pic31 Press Sp	Station - Begin L301G Regulation Run #1	
173	Irvington Station	282245	105N				Irving-Sta Ra/Lr V17 Flow Sp Irving-Sta Ra/Lr V17 Press Sp	Station - Begin L105N - can isolate if also close trimmer.	
174	Irvington Station	282245	Station				Irving-Sta Ra/Lr V20 Flow Sp Irving-Sta Ra/Lr V20 Press Sp	Station - Regulator/Flow Control	
175	Irvington Station	282245	Station				Irving-Sta Ra/Lr V30 Flow Sp Irving-Sta Ra/Lr V30 Press Sp	Station - Regulator/Flow Control	
176	Irvington Station	282245	Station				Irving-Sta Ra/Lr V31 Flow Sp Irving-Sta Ra/Lr V31 Press Sp	Station - Regulator/Flow Control	
177	Irvington Station	282245	Station				Irving-Sta Ra/Lr V33 Flow Sp Irving-Sta Ra/Lr V33 Press Sp	Station - Regulator/Flow Control	
178	Kern Kramer Junction	0800222	Station				Kern-Kram V2 Open/Close	Station - tap valve to high desert	
179	Kern Kramer Junction	0800222	Station				Kern-Kram V3 Open/Close	Station - tap valve to high desert	
180	Kern River Dagget Connect	089663	Station				Kern-Daget Valve Kr1 Open/Close	Station - Tap valve to KRGT	
181	Kern River Dagget Connect	089663	Station				Kern-Daget Valve Kr2 Open/Close	Station - routing valve - future tap valve for L300A	
182	Kern River Station	087429	Station				Kern-Rvr V1 Open/Close	Station - Meter run taps to SoCal	
183	Kern River Station	087429	Station				Kern-Rvr V2 Open/Close	Station - Meter run taps to SoCal	
184	Kettleman Compressor Sta	487667	300B				Ketmant L300B Pressure Setpoint	MLV - L300B at MP 354.02B	
185	Kettleman Compressor Sta	487667	300A				Ketmant L300A Pressure Setpoint	MLV - L300A at MP 353.90A	
186	Kettleman Compressor Sta	487667	Station				Ketmant V20 Open/Close	Station - routing valve	
187	Kettleman Compressor Sta	487667	Station				Ketmant V10 Open/Close	Station - routing valve	
188	Kettleman Compressor Sta	487667	190				Ketmant L190 V47 %Open Sp	Station - Begin L190 from Station	
189	Kettleman Compressor Sta	487667	Station				Ketmant V01 Open/Close	Station - Suction Tap	
190	Kettleman Compressor Sta	487667	Station				Ketmant V02 Open/Close	Station - Suction Tap	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
191	Kettleman Compressor Sta	487667	Station				Ketmant L300A V50 %Open Sp	Station - Spill Valve w/ trimmer	
192	Kettleman Compressor Sta	487667	Station				Ketmant V52 Open/Close	Station - Discharge Tap Valve	
193	Kettleman Compressor Sta	487667	Station				Ketmant V56 Open/Close	Station - Discharge Tap Valve	
194	Kettleman Compressor Sta	487667	Station				Ketmant V03 Open/Close	Station - Suction Tap	
195	Kettleman Compressor Sta	487667	Station				Ketmant V04 Open/Close	Station - Suction Tap	
196	Kettleman Compressor Sta	487667	Station				Ketmant L300B V46 %Open Sp	Station - Spill Valve w/ trimmer	
197	Kettleman Compressor Sta	487667	306				Ketmant L306 V57 %Open Setpoint	Station - Begin L306	
198	Kettleman Compressor Sta	487667	Station				Ketmant V80 Open/Close	Station - routing valve	
199	Lodi Field	0800261	Station				Lodi-Field V-101 Close	Station - Tap Valve to Lodi	
200	Lodi Kirby Hills	0800529	Station				Lodi_Kirby_Hills V-1 Close	Station - Tap Valve to Lodi	
201	Lomita Park	081519	101	33.68		1 & 27	Lmita-Prk L101 D/S Press Sp	Station - L101 Regulation V-1/V-27 (End-375 MOP, Begin-145 MAOP)	
202	Lomita Park	081519	101	33.68		25	Lmita-Prk L101 Bypass Pr Sp	Station - L101 Backup Regulation V-25 (End-375 MOP, Begin-145 MAOP)	
203	Martin Station	081628	132	46.59		10	Mrtin-Sta L132 D/S Press Sp	Station - L132 Regulation V-10 (End-375 MOP, Begin-145 MAOP)	
204	Martin Station	081628	132	46.59		13	Mrtin-Sta L132 Byp Press Sp	Station - L132 Backup RegulationV-13 (End-375 MOP, Begin-145 MAOP)	
205	Merced Valve 60	087209	L118				Merced V60.45 Open/Close	MLV - L118 at MP60.45	
206	Milpitas Terminal	383510	300A	502.34		3	Mil-Ter V3 Max % Open	Station - End L300A from Station (Meter Run M10) at MP502	
207	Milpitas Terminal	383510	300A	502.34		4	Mil-Ter V4 Max % Open	Station - End L300A from Station (Meter Run M9) at MP502	
208	Milpitas Terminal	383510	300B	502.64		5	Mil-Ter V5 Max % Op	Station - End L300B from Station (Meter Run 8) at MP503	
209	Milpitas Terminal	383510	300B	502.64		6	Mil-Ter V6 Max % Op	Station - End L300B from Station (Meter Run M7) at MP503	
210	Milpitas Terminal	383510	Station			7	Mil-Ter 7 Max % Op	Station - from L300B Regulation (M7)	
211	Milpitas Terminal	383510	Station			7R	Mil-Ter 7R Max % Op	Station - from L300B Regulation (M7)	
212	Milpitas Terminal	383510	Station			8	Mil-Ter 8 Max % Op	Station - from L300B Regulation (M8)	
213	Milpitas Terminal	383510	Station			8R	Mil-Ter 8R Max % Op	Station - from L300B Regulation (M8)	
214	Milpitas Terminal	383510	Station			9	Mil-Ter 9 Max % Op	Station - from L300A Regulation (M9)	
215	Milpitas Terminal	383510	Station			9R	Mil-Ter 9R Max % Op	Station - from L300A Regulation (M9)	
216	Milpitas Terminal	383510	Station			10	Mil-Ter 10 Max % Open	Station - from L300A Regulation (M10)	
217	Milpitas Terminal	383510	Station			10R	Mil-Ter 10R Max % Open	Station - from L300A Regulation (M10)	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
218	Milpitas Terminal	383510	Station			11	Mil-Ter V11 Max % Open	Station - from L131 Regulation (M11)	
219	Milpitas Terminal	383510	Station			11R	Mil-Ter V11R Max % Open	Station - from L131 Regulation (M11)	
220	Milpitas Terminal	383510	Station			12	Mil-Ter V12 Max % Open	Station - from L131 Regulation (M12)	
221	Milpitas Terminal	383510	Station			12R	Mil-Ter V12R Max % Open	Station - from L131 Regulation (M12)	
222	Milpitas Terminal	383510	Station			13	Mil-Ter 13 Max % Open	Station - from L107 Regulation (M13)	
223	Milpitas Terminal	383510	Station			13R	Mil-Ter 13R Max % Open	Station - from L107 Regulation (M13)	
224	Milpitas Terminal	383510	Station			14	Mil-Ter 14 Max % Open	Station - from L107 Regulation (M14)	
225	Milpitas Terminal	383510	Station			14R	Mil-Ter 14R Max % Open	Station - from L107 Regulation (M14)	
226	Milpitas Terminal	383510	Station			15	Mil-Ter V15 % Open SP	Station - Mixer Routing Valves	
227	Milpitas Terminal	383510	Station			16	Mil-Ter V16 Max % Open	Station - Mixer Monitor	
228	Milpitas Terminal	383510	Station			17	Mil-Ter V17 Max % Open	Station - Mixer Regulator	
229	Milpitas Terminal	383510	Station			17R	Mil-Ter Mxr V17R D/S Press Sp, Max % Open	Station - Mixer Regulation	
230	Milpitas Terminal	383510	Station			18	Mil-Ter V18 % Open SP	Station - Mixer Routing Valves	
231	Milpitas Terminal	383510	Station			19	Mil-Ter V19 % Open SP	Station - Mixer Routing Valves	
232	Milpitas Terminal	383510	Station			20	Mil-Ter V20 Max % Open	Station - Mixer Monitor	
233	Milpitas Terminal	383510	Station			21	Mil-Ter V21 % Max Op	Station - Mixer Regulator	
234	Milpitas Terminal	383510	Station			21R	Mil-Ter Mxr V21R D/S Press Sp, Max % Open	Station - Mixer Regulator	
235	Milpitas Terminal	383510	Station			22	Mil-Ter V22 %Open Sp	Station - Mixer Routing Valves	
236	Milpitas Terminal	383510	Station			23	Mil-Ter V23 %Open Sp	Station - Mixer Routing Valves	
237	Milpitas Terminal	383510	Station			24	Mil-Ter V24 %Open Sp	Station - Mixer Routing Valves	
238	Milpitas Terminal	383510	Station			25	Mil-Ter V25 %Open Sp	Station - Mixer Routing Valves	
239	Milpitas Terminal	383510	Station			26	Mil-Ter V26 Max % Open	Station - Mixer Monitor	
240	Milpitas Terminal	383510	Station			27	Mil-Ter V27 Max % Open	Station - Mixer Regulator	
241	Milpitas Terminal	383510	Station			27R	Mil-Ter Mxr V27R D/S Press Sp, Max % Open	Station - Mixer Regulator	
242	Milpitas Terminal	383510	Station			28	Mil-Ter V28 Max % Open	Station - Mixer Monitor	
243	Milpitas Terminal	383510	Station			29	Mil-Ter Mxbp V29 D/S Press Sp, Max % Open	Station - Mixer Regulator	
244	Milpitas Terminal	383510	Station			37	Mil-Ter V37 Max % Open	Station - to L109 Monitor	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
245	Milpitas Terminal	383510	Station			38	Mil-Ter V38 Max % Open	Station - to L109 Regulator	
246	Milpitas Terminal	383510	Station			39	Mil-Ter V39 Max % Open	Station - to L109 Monitor	
247	Milpitas Terminal	383510	Station			40	Mil-Ter V40 Max % Open	Station - to L109 Regulator	
248	Milpitas Terminal	383510	109	0.00		45	Mil-Ter V45 %Open Sp	Station - Begin L109 from Station	
249	Milpitas Terminal	383510	101	0.00		48	Mil-Ter V48 %Open Sp	Station - Begin L101 from Station	
250	Milpitas Terminal	383510	132	0.00		49	Mil-Ter V49 %Open Sp	Station - Begin L132 fromStation	
251	Milpitas Terminal	383510	SJ DFM	0.00		50	Mil-Ter V50 %Open Sp	Station - Begin SJDFM from Station	
252	Milpitas Terminal	383510	Station			62	Mil-Ter Mxbp V62 D/S Press Sp, Max % Open	Station - Bypass Regulator, Incoming Lines to Outgoing Lines	
253	Milpitas Terminal	383510	Station			63	Mil-Ter V63 Max % Op	Station - Bypass Monitor, Incoming Lines to Outgoing Lines	
254	Milpitas Terminal	383510	100	150.13		64	Mil-Ter V64 %Open Sp	Station - End L100 from Station at MP150	
255	Milpitas Terminal	383510	107	38.11		66	Mil-Ter V66 Max % Op	Station - End L107 from Station (Meter Run M14) at MP38	
256	Milpitas Terminal	383510	107	38.11		67	Mil-Ter V67 Max % Op	Station - End L107 from Station (Meter Run M13) at MP38	
257	Milpitas Terminal	383510	131	57.45		70	Mil-Ter V70 Max % Op	Station - End L131 from Station (Meter Run M12) at MP57.5	
258	Milpitas Terminal	383510	131	57.45		71	Mil-Ter V71 Max % Op	Station - End L131 from Station (Meter Run M11) at MP57.5	
259	Napa Wye	385170	Station				Napa-Y Ra/Lwr V-10 Press Sp	Station - Regulator	
260	Napa Wye	385170	Station				Napa-Y Ra/Lwr V-11 Press Sp	Station - Regulator	
261	Napa Wye	385170	Station				Napa-Y Ra/Lwr V-60 Flow Sp, Press Sp	Station - Regulator/Flow Control	
262	North Sacramento Holder	382860	Station				Nsachldr FIC140 Flow SP, Max % Open	Station - Flow Control Valve	
263	North Sacramento Holder	382860	Station				Nsachldr PIC134R Press SP, Max % Open	Station - Regulator	
264	North Sacramento Holder	382860	Station				Nsachldr PIC139 Press SP, Flow Sp, Max % Open	Station - Regulator/Flow Control	
265	North Sacramento Holder	382860	Station				Nsachldr PIC142 Press SP, Max % Open	Station - Regulator	
266	North Sacramento Holder	382860	Station				Nsachldr V132 Open/Close	Station - Regulator	
267	North Sacramento Holder	382860	Station				Nsachldr V134 Max % Open	Station - Routing Valve	
268	North Sacramento Holder	382860	Station				Nsachldr V136 Open/Close	Station - Regulator	
269	Oak Flat	082544	Station				Oak_Flat V3 Open/Close	Station - Tap to L215, L215 has 2nd Tap to L401	
270	Oakland GLC Yard	383707	153				Oak-Glc V-21 L105N Press Sp	Station - Regulator - End of L153	
271	Old River L57 A/B Xtie	089961	57A				Old-River V5 Press Sp	Station - Regulator - Begin L57A	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
272	Palm Tract Station	0800572	57C		57A		Palm_Tract V6.04C Open/Close	Crosstie - L57C to L57A	
273	Palm Tract Station	0800572	57B				Palm_Tract V6.07B Open/Close	MLV - L57B at MP 6.07	
274	Panoche Station	284100	300B	393.76		393.76B	Panoche Mlv393.76B % Open Sp	MLV - L300B	
275	Panoche Station	284100	2	0.00	300A/B	15	Panoche V15 % Open Sp	Station - Begin L2, Regulation V15/15R between L2 & L300A/B ("A" normally)	
276	Panoche Station	284100	CEE (3rd Party)		300A/B	26	Panoche V26 % Open Sp	Station - Regulation V-26, CEE Tap to L300A/B	
277	Panoche Station	284100	CEE (3rd Party)		300A/B	22 or 76	Panoche Cee D/S % Open Sp	Station - V76 (L300A) & V22 (L300B) work in tandem, opening one, closes the other	
278	Panoche Station	284100	401	427.34		32	Panoche V32 Max % Open Sp Panoche V32 D/S Press Sp	Station - End L401, Regulation V32/32R between L401 & Station	
279	Panoche Station	284100	L300A	393.53		393.53A	Panoche Mlv393.53A % Open Sp	MLV - L300A	
280	Panoche Station	284100	300B	393.76		40	Panoche V40 Flow Sp, D/S Press Sp, % Open SP	Station - Regulation V40/40R between L300B South & Station	
281	Panoche Station	284100	300A	393.53		41	Panoche V41 Flow Sp, D/S Press Sp, % Open SP	Station - Regulation V41/41R between L300A South & Station	
282	Panoche Station	284100	300B	393.76		42	Panoche V42 Flow Sp, D/S Press Sp, % Open SP	Station - Regulation V42/42R between L300B North & Station	
283	Panoche Station	284100	300A	393.53		43	Panoche V43 Flow Sp, D/S Press Sp, % Open SP	Station - Regulation V43/43R between L300A North & Station	
284	Raisin City	082469	111				Raisn-Cty V8.91Open/Close	Station - L111 at MP 8.91	
285	San Andreas Crosstie (new station)	new	109	37.24	132	4	V4 Open/Close	Crosstie - L109 to L132 at MP38.49	
286	San Juan Rd	0800062	181B				Sn-Juan-Rd V5.88 Open/Close	MLV - L181B at MP 5.88	
287	San Pablo Station	385180	105A	52.01		5 & 30	San-Pablo L105A Press Sp	Station - Regulation V5/V30 from L105B to L105A	
288	Sheridan Rd	086454	303				Sherid-Rd V1 Press Sp	MLV - Regulator - L303 at MP 36.56 - has 2nd reg run (Close both V1 & V2 to isolate)	
289	Sheridan Rd	086454	303				Sherid-Rd V2 Press Sp	MLV - Regulator - L303 at MP 36.56 - has 2nd reg run (Close both V1 & V3 to isolate)	
290	SP3 To L191 Crosstie	085535	SP3	171.02	191	13	Sp3-L191-X V13R Press Sp	Crosstie - Regulation 13/13R, SP3 to L191 North of V-9.93	
291	SP3 To L191 Crosstie	085535	SP3	171.02	191	14	Sp3-L191-X V14R Press Sp	Crosstie - Regulation 14/14R, SP3 to L191 South of V-9.93	
292	Sullivan Avenue	082432	109	43.47		14	SLVN-AVE, V14R, L109 D/S Press Sp	Station - L109 Regulation V-15/15R (End-375 MOP, Begin-145 MAOP)	
293	Sullivan Avenue	082432	109	43.47		15	SLVN-AVE, V15, L109 D/S Press Sp	Station - L109 Backup Regulation V-14 (End-375 MOP, Begin-145 MAOP)	
294	Tomkins Hill	183697	177	178.18		1	Tomkins_Hill Valve V1Open/Close	Station - Tap to Regulation across normally closed MLV (MOP Break), L125 & L126A/B	
295	Tres Pinos	089179	310	0.00		4	Tres-Pinos V4 Open/Close	Station - Begin L310, Tap from L300A/300B X-tie	
296	Trona Tap (LRCV 180)	082131	L300B	180.11		180.11B	Lrcv-180.11B Ml V490.11B %Open Sp	MLV - L300B	
297	Trona Tap (LRCV 180)	082131	L300A	180.64		180.64A	Lrcv-180.64A Ml V490.64A %Open Sp	MLV - L300A	
298	Vernalis Meter Sta	089654	108				Vrnls-Mtr V10 Press Sp	Station - Begin L108 - can isolate L108 if also close V6/6R	

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1	**STATION**	**OP DIA or OP MAP**	**Primary Pipeline**	**MP**	**Cross-tie Pipeline**	**Valve Number**	**CONTROL DESCRIPTION**	**Potential Pipeline Isolation Function**	**Check**
299	Vernalis Meter Sta	089654	108				Vrnls-Mtr V6 Press Sp	Station - Begin L108 - can isolate L108 if also close V10/10R	
300	Wild Goose	0800309	Station				Wg-Delevan Sta V-1 Close	Station - Tap Valve/Monitor	
301	Wild Goose	080433	Station				Wild-Goose Afton V-6 Close	Station - L167 Gridley Tap to Wild Goose	
302									MLVs / L300MLVs
303									Antioch
304									Brentwood
305									Milpitas
306	Bethany Compressor	183098	Station				Bethany V5 Open/Close	Station - Check Valve, no control functionality	
307	Bethany Compressor	183098	Station				Bethany V1, V2, V68, V69 Open/Close	Station - Pipeline Suction & Discharge Tap Valves, Controlled by flow direction & Comp	
308	Los Medanos	086457	Station				Los-Medanos Ryer Isl V716 Open/Close	Station - Tap Valve to Ryer Island, No SCADA control capability	
309	Tracy Station	385181	Station				Tracy-Sta L304 To L2 Fl Ratio Sp	Station - Flow ratio control valve	
310	Pleasant Creek		Station				Pleasant Creek - Stop compressor closes V801 and V802		
311	DEV_PLS 3		Test				DEV_PLS-3B Ml V203.02A % Open Sp	test system on Dev Server	
312	DEV_PLS 3		Test				DEV_PLS-3B Reg V3 % Open Sp	test system on Dev Server	
313	DEV_PLS 3		Test				DEV_PLS-3A Ml V203.02A % Open Sp	test system on Dev Server	
314	DEV_PLS 3		Test				DEV_PLS-3A Reg V3 % Open Sp	test system on Dev Server	
315	DEV_PLS 3		Test				DEV PLS-3A V3 Open/Close	test system on Dev Server	