

TABLE C-1

NOZZLE NO. 8, THROAT NO. 8

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_t (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2038	785	304	676	470	0	0	105.0
2033	778	402	657	558	0	0	105.0
2031	778	507	637	639	0	0	105.0
2032	979	103	712	280	0	0	105.0
2037	976	304	675	382	0	0	105.0
2035	971	507	636	524	0	0	105.0
2042	985	709	596	668	0	0	105.0
2038	1183	305	674	107	0	0	105.0
2038	1179	505	634	247	0	0	105.0
2035	1177	697	594	390	0	0	106.0
2037	1179	897	550	552	0	0	106.0
2037	1377	695	594	98	0	0	106.0
2035	1376	897	546	245	0	0	106.0
2036	1384	995	523	320	0	0	107.0
2027	1388	1093	495	395	0	0	107.0
2993	1187	306	844	440	0	0	107.0
2991	1191	506	812	594	0	0	106.0
2993	1192	700	782	732	0	0	106.0
2996	1183	897	749	853	0	0	107.0
2981	1491	306	842	324	0	0	108.0
2985	1487	508	810	443	0	0	108.0
2995	1488	699	781	557	0	0	108.0
2988	1490	898	746	674	0	0	108.0
2985	1489	1089	712	792	0	0	108.0
2997	1785	690	781	214	0	0	109.0
2988	1776	897	744	341	0	0	110.0
2985	1772	1091	708	469	0	0	110.0
2989	1792	1184	691	508	0	0	111.0
2995	2091	998	726	46	0	0	112.0
2987	2079	1094	706	107	0	0	113.0
2993	2091	1199	687	136	0	0	113.0
2995	2089	1291	669	192	0	0	113.0
2488	1175	694	695	664	0	0	113.0
2491	1473	700	691	271	0	0	113.0
2496	1778	1003	631	102	0	0	113.0
2506	1785	1099	612	146	0	0	113.0

TABLE C-2
NOZZLE NO. 8, THROAT NO. 10

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_t (bbl/D)	Q_{ta} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2069	790	161	702	256	0	0	102.0
2059	789	210	692	364	0	0	102.0
2056	782	402	657	820	0	0	103.0
2049	767	496	640	1039	0	0	103.0
2071	985	450	646	241	0	0	104.0
2066	985	554	625	485	0	0	104.0
2058	983	700	595	828	0	0	105.0
2053	987	796	577	1016	0	0	105.0
2063	1179	746	581	204	0	0	106.0
2068	1185	842	560	453	0	0	106.0
2061	1183	894	548	591	0	0	106.0
2055	1179	994	525	851	0	0	107.0
2054	1376	1045	505	170	0	0	108.0
2059	1387	1094	494	141	0	0	108.0
2029	1383	1194	472	616	0	0	110.0
2512	988	157	790	183	0	0	110.0
2511	983	308	765	496	0	0	110.0
2511	982	407	749	698	0	0	110.0
2506	979	503	732	901	0	0	110.0
2510	984	601	718	1063	0	0	111.0
2508	1223	500	728	118	0	0	111.0
2516	1232	603	712	232	0	0	112.0
2514	1233	701	694	522	0	0	112.0
2497	1224	799	673	754	0	0	113.0
2512	1228	900	658	956	0	0	113.0
2506	1485	896	652	96	0	0	114.0
2507	1481	997	632	282	0	0	114.0
2508	1480	1094	613	574	0	0	115.0
2521	1489	1190	597	783	0	0	115.0
2998	1184	210	859	226	0	0	109.0
3002	1173	404	832	605	0	0	109.0
3006	1178	609	803	974	0	0	110.0
3000	1187	802	773	1268	0	0	110.0
3006	1473	652	790	221	0	0	111.0
3002	1475	799	764	490	0	0	112.0
3003	1470	899	749	709	0	0	113.0
3002	1477	993	735	881	0	0	113.0
2996	1482	1090	717	1037	0	0	114.0
2996	1767	1096	709	159	0	0	115.0
3005	1786	1192	692	232	0	0	116.0
3006	1784	1251	682	459	0	0	117.0

TABLE C-3
NOZZLE NO. 4, THROAT NO. 4

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_t (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2020	763	128	273	119	0	0	133.0
2023	777	210	268	150	0	0	133.0
2019	766	310	259	190	0	0	133.0
2018	780	407	253	221	0	0	132.0
2022	784	506	246	252	0	0	132.0
2019	1170	608	238	127	0	0	131.0
2022	1172	697	230	156	0	0	131.0
2020	1167	799	222	192	0	0	132.0
2023	1175	896	214	222	0	0	132.0
2990	1176	117	338	115	0	0	132.0
2987	1170	206	333	147	0	0	132.0
2988	1178	306	327	172	0	0	132.0
2992	1177	404	321	197	0	0	132.0
2997	1172	510	315	229	0	0	132.0
2992	1172	608	309	259	0	0	132.0
2994	1472	308	328	136	0	0	132.0
2985	1486	409	321	143	0	0	132.0
2992	1477	507	315	171	0	0	132.0
2981	1466	601	309	195	0	0	133.0
2990	1472	697	304	219	0	0	133.0
2994	1482	802	297	241	0	0	133.0

TABLE C-4
NOZZLE NO. 4, THROAT NO. 5

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2029	968	360	259	136	0	0	133.0
2021	973	414	255	154	0	0	133.0
2030	968	610	241	256	0	0	133.0
2024	979	694	234	290	0	0	133.0
2992	1188	113	338	165	0	0	132.0
2997	1180	209	334	198	0	0	132.0
2997	1180	307	328	236	0	0	132.0
2995	1168	403	323	274	0	0	131.0
3004	1178	504	317	314	0	0	131.0
2997	1176	611	310	352	0	0	131.0
2995	1470	361	325	93	0	0	132.0
2996	1473	505	317	133	0	0	132.0
3000	1479	703	303	207	0	0	133.0
2987	1470	894	290	284	0	0	133.0
2992	1770	903	289	108	0	0	135.0
2984	1770	994	281	133	0	0	135.0

TABLE C-5
NOZZLE NO. 8, THROAT NO. 8

P _p (psig)	P _d (psig)	P _i (psig)	Q _p (bbl/D)	Q _i (bbl/D)	Q _{ia} (Mscf/D)	AWR (scf/STB)	T _w (°F)
2018	793	559	625	124	97	783	99.0
2021	794	607	614	152	97	639	99.0
2022	778	652	607	182	97	534	99.0
2006	770	698	592	208	97	468	100.0
2012	987	612	609	118	97	824	100.0
2019	994	703	593	195	97	499	100.0
2024	990	805	571	276	95	344	100.0
2016	1178	707	590	102	98	964	103.0
2013	1172	803	569	187	96	513	104.0
2017	1180	906	546	249	100	402	104.0
2017	1175	995	524	309	96	310	104.0
2028	1374	998	521	142	96	675	105.0
2005	1368	1049	507	181	99	549	105.0
2006	1374	1094	495	226	97	428	106.0
2494	970	509	725	109	96	877	106.0
2518	982	611	711	157	100	637	107.0
2506	975	702	693	214	100	467	107.0
2508	1231	609	709	144	94	655	108.0
2509	1227	700	694	222	94	425	108.0
2507	1214	804	673	266	97	366	108.0
2508	1212	901	653	282	97	345	108.0
2506	1468	703	691	99	104	1049	109.0
2500	1476	799	672	150	99	657	109.0
2511	1475	904	653	252	94	374	110.0
2514	1489	1194	594	430	96	222	110.0
2974	1170	510	809	117	98	834	111.0
2977	1182	700	778	231	97	420	111.0
2956	1171	895	742	298	97	32	112.0
2967	1173	993	726	367	100	271	112.0
2974	1487	612	793	152	100	657	113.0
2977	1472	795	762	263	101	385	113.0
2982	1481	1003	727	364	101	278	114.0
2979	1460	1192	691	481	101	210	115.0
2973	1761	702	779	78	101	1294	117.0
2975	1773	907	742	193	99	515	115.0
2992	1774	1095	712	273	97	354	115.0
2971	1760	1193	689	369	100	272	115.0

TABLE C-6
NOZZLE NO. 8, THROAT NO. 8

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2002	766	604	612	81	140	1724	118.0
2004	767	655	602	98	140	1427	118.0
1992	774	706	588	118	139	1180	118.0
1998	955	704	590	80	139	1737	119.0
2004	976	752	580	104	138	1331	119.0
1997	970	797	569	137	136	994	120.0
1998	982	852	556	192	132	688	120.0
1999	1150	849	555	86	140	1632	121.0
2004	1171	899	545	121	135	1116	121.0
2006	1166	1000	521	214	137	642	122.0
2001	1159	1088	496	273	136	498	122.0
2005	1350	1093	495	123	135	1101	122.0
2499	972	608	710	88	135	1538	123.0
2510	975	704	595	133	135	1012	123.0
2502	965	805	674	192	135	704	123.0
2499	1205	698	693	86	139	1610	123.0
2497	1212	805	672	157	135	859	123.0
2502	1218	902	653	207	138	665	124.0
2496	1231	1007	632	255	139	546	124.0
2502	1462	852	664	100	134	1339	124.0
2496	1455	997	634	167	140	840	125.0
2508	1479	1100	614	252	136	538	125.0
2502	1727	1149	600	97	132	1356	127.0
2985	1177	702	781	129	138	1072	127.0
2984	1164	902	746	228	140	615	127.0
2991	1183	1100	712	251	137	547	127.0
2976	1475	899	746	211	138	655	127.0
2967	1483	992	728	255	139	546	127.0
2981	1767	1002	728	148	141	954	128.0
2984	1752	1108	708	229	141	617	128.0
2984	1779	1187	692	255	144	565	128.0

TABLE C-7
NOZZLE NO. 8, THROAT NO. 8

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2053	790	750	592	112	176	1568	108.0
2036	983	798	575	78	175	2244	109.0
2020	974	847	559	111	175	1578	110.0
1997	971	893	544	140	175	1250	110.0
2008	1180	948	531	92	173	1885	111.0
2017	1160	1043	510	166	175	1056	112.0
2013	1369	1138	482	94	171	1823	115.0
2505	985	700	690	83	172	2074	115.0
2499	982	802	670	118	172	1455	115.0
2496	1208	793	671	90	170	1891	116.0
2485	1232	894	650	123	172	1396	116.0
2491	1215	994	631	183	175	957	117.0
2499	1490	1003	629	97	173	1782	118.0
2494	1467	1093	609	148	171	1158	120.0
2495	1481	1187	590	223	172	771	122.0
2973	1166	703	777	83	173	2090	122.0
2974	1178	801	761	119	175	1474	122.0
2977	1187	899	743	178	175	986	122.0
2981	1181	997	726	215	175	812	122.0
2977	1468	847	752	106	178	1675	123.0
2972	1471	896	743	125	172	1375	123.0
2981	1466	996	726	183	178	971	123.0
2973	1464	1088	708	233	178	763	124.0
2981	1748	997	726	100	174	1740	115.0
2988	1767	1092	711	129	175	1359	116.0
2989	1757	1188	692	215	171	794	116.0

TABLE C-8

NOZZLE NO. 8, THROAT NO. 10

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2013	780	395	658	238	93	390	112.0
2017	777	431	652	271	93	343	112.0
2013	775	556	626	506	92	182	112.0
2022	779	701	599	681	91	134	112.0
2014	969	551	626	255	93	365	113.0
2021	979	594	618	271	93	344	113.0
2016	983	698	596	538	93	173	114.0
2029	989	809	576	749	90	120	114.0
2025	1180	799	572	192	92	478	114.0
2009	1165	889	548	442	88	198	115.0
2012	1170	989	527	641	102	158	116.0
2007	1362	1082	496	182	102	559	119.0
2012	1383	1137	483	143	92	644	119.0
2011	1378	1189	469	455	89	195	120.0
2499	978	409	748	252	95	379	120.0
2501	972	508	732	434	95	219	120.0
2488	970	603	712	564	94	167	120.0
2494	976	706	695	682	93	137	120.0
2499	1217	603	711	185	94	507	120.0
2493	1214	703	692	377	93	248	120.0
2490	1217	799	673	577	93	161	121.0
2496	1224	893	658	750	89	118	121.0
2486	1479	990	630	181	97	537	121.0
2488	1478	1085	611	388	97	250	122.0
2498	1485	1187	593	619	96	155	122.0
2981	1162	351	838	181	91	504	115.0
2991	1182	402	833	165	91	553	115.0
2971	1159	503	813	463	91	198	116.0
2990	1180	601	801	596	90	151	117.0
2980	1179	700	784	714	89	125	117.0
2990	1162	797	770	830	87	104	117.0
2992	1480	699	783	153	97	636	119.0
2986	1471	796	765	339	93	275	119.0
2990	1476	896	747	557	86	155	120.0
2991	1484	994	732	689	100	146	120.0
2992	1782	1159	698	170	89	521	113.0
2983	1774	1190	691	243	90	372	115.0
2978	1771	1240	680	319	95	298	116.0
2980	1776	1294	670	448	92	205	117.0

TABLE C-9
NOZZLE NO. 8, THROAT NO. 10

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbbl/D)	Q_i (bbbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2006	773	505	635	208	137	660	115.0
2014	783	600	617	406	133	327	116.0
2032	972	597	619	128	139	1083	117.0
2024	977	693	599	373	139	372	117.0
2014	972	794	575	555	137	247	117.0
2014	1176	845	559	181	139	766	118.0
2015	1178	996	524	525	141	270	118.0
2010	1372	1105	491	158	135	855	119.0
2019	1378	1191	471	376	129	343	121.0
2499	989	605	714	409	136	332	120.0
2496	986	702	696	528	136	257	121.0
2488	978	801	676	631	136	216	122.0
2498	1221	696	695	223	140	628	122.0
2495	1221	801	675	452	137	303	122.0
2498	1231	895	660	609	132	218	123.0
2485	1213	993	636	731	144	196	123.0
2485	1474	1042	623	250	135	540	124.0
2488	1477	1090	613	312	135	434	124.0
2489	1485	1142	602	428	140	326	125.0
2974	1185	506	813	204	139	683	126.0
2984	1181	603	800	402	139	347	126.0
2983	1182	700	783	526	138	263	126.0
2976	1179	801	761	641	137	214	126.0
2982	1177	898	750	718	144	200	126.0
2978	1483	798	763	221	145	658	127.0
2983	1483	897	748	422	140	331	127.0
2975	1486	992	731	574	142	247	128.0
2977	1489	1093	714	737	143	194	128.0
2989	1771	1240	684	263	141	536	130.0
2984	1782	1292	673	404	136	338	130.0
2987	1769	1386	657	659	132	200	131.0

TABLE C-10
NOZZLE NO. 8, THROAT NO. 10

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbbl/D)	Q_i (bbbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2033	781	555	630	149	169	1137	116.0
2034	787	655	610	319	169	529	116.0
2010	969	701	594	256	169	660	116.0
2000	975	798	570	465	165	355	117.0
2005	1165	890	547	195	170	873	118.0
2017	1183	998	526	433	170	394	118.0
2499	989	604	711	254	172	678	120.0
2509	974	657	704	334	171	512	120.0
2501	976	699	694	416	171	411	120.0
2504	988	799	675	548	167	305	120.0
2494	1211	748	681	257	169	658	121.0
2495	1216	799	673	380	166	437	121.0
2506	1227	895	657	554	157	284	121.0
2490	1215	990	635	643	174	271	122.0
2491	1464	1055	618	238	173	725	122.0
2502	1481	1100	611	270	172	635	123.0
2507	1477	1183	595	494	165	335	123.0
2978	1181	603	797	264	170	644	124.0
2976	1175	700	782	436	170	390	124.0
2985	1175	809	765	556	170	306	124.0
2976	1182	892	750	665	161	243	124.0
2980	1484	804	763	182	170	933	125.0
2984	1486	901	746	370	161	435	125.0
2971	1476	997	729	555	167	301	125.0
2971	1480	1093	710	674	171	253	126.0
2976	1778	1193	689	126	181	1437	128.0
2975	1784	1292	669	270	185	686	128.0
2976	1776	1385	651	520	169	325	128.0

TABLE C-11
NOZZLE NO. 8, THROAT NO. 10

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_v (°F)
2982	1465	405	322	91	16	178	126.0
2982	1472	508	316	115	17	144	127.0
2985	1477	699	304	152	17	109	127.0
2982	1477	899	290	202	15	73	128.0

TABLE C-12
NOZZLE NO. 4, THROAT NO. 4

P_p (psig)	P_d (psig)	P_i (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
1985	1181	750	227	50	35	691	131.0
1997	1186	804	223	79	34	431	131.0
1993	1164	893	215	108	34	318	131.0
2987	1491	603	310	83	33	403	132.0
2987	1472	696	304	107	33	309	133.0
2986	1464	802	296	134	32	241	133.0
2992	1456	895	291	154	30	195	134.0
2982	1450	991	283	165	33	198	134.0
2983	1447	1088	276	196	27	135	134.0

TABLE C-13
NOZZLE NO. 4, THROAT NO. 4

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_t (bbl/D)	Q_{ta} (Mscf/D)	AWR (scf/STB)	T_w (°F)
1993	784	687	233	51	46	904	136.0
1993	984	757	227	66	46	695	136.0
1992	981	804	223	83	45	545	137.0
1995	1185	873	217	59	44	741	137.0
1995	1172	921	213	80	46	573	137.0
1998	1175	1001	206	108	45	416	139.0
2988	1146	603	308	27	46	1706	140.0
2984	1165	708	304	77	46	594	140.0
2986	1179	804	296	97	44	454	140.0
2982	1155	891	289	117	42	362	140.0
2979	770	608	307	56	46	818	140.0
2986	763	653	304	73	46	627	140.0
2976	1455	656	304	38	46	1223	140.0
2982	1484	708	303	78	46	584	140.0
2985	1471	804	294	97	44	458	141.0
2987	1472	899	289	120	42	347	142.0
2986	1453	997	282	135	44	324	142.0
2981	1782	837	293	41	47	1136	143.0
2976	1780	901	289	73	44	606	143.0
2982	1777	993	283	95	40	418	144.0
2981	1773	1098	276	128	33	259	144.0

TABLE C-14
NOZZLE NO. 4, THROAT NO. 5

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_t (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2019	769	455	254	80	34	419	114.0
2016	781	510	249	107	34	312	114.0
2018	767	606	241	144	33	233	115.0
2028	993	557	245	103	33	321	120.0
2014	969	605	241	130	33	255	120.0
2016	978	705	233	166	33	198	120.0
2019	1176	716	232	75	33	443	122.0
2027	1174	800	225	115	33	285	122.0
2027	1172	890	217	160	33	208	123.0
2995	1198	460	320	100	33	333	124.0
2993	1186	506	317	119	33	280	124.0
2985	1180	700	303	177	33	187	125.0
2991	1170	901	290	235	33	140	125.0
2993	1505	561	313	69	33	483	127.0
2988	1493	606	310	101	33	330	128.0
2990	1481	803	298	181	32	179	128.0
2992	1485	1096	276	273	34	124	130.0
2985	1785	938	287	48	34	709	132.0
2981	1766	979	283	82	33	399	132.0
2998	1773	1094	276	125	30	243	134.0

TABLE C-15
NOZZLE NO. 4, THROAT NO. 5

P_p (psig)	P_d (psig)	P_t (psig)	Q_p (bbl/D)	Q_i (bbl/D)	Q_{ia} (Mscf/D)	AWR (scf/STB)	T_w (°F)
2005	787	575	243	82	46	558	133.0
2011	794	607	241	100	46	459	133.0
2020	1015	657	238	76	46	600	133.0
2012	977	708	233	120	46	380	134.0
2007	965	801	225	145	47	328	134.0
2008	1162	794	224	70	48	684	135.0
2010	1174	889	217	122	45	373	135.0
2006	1170	1000	206	170	47	278	136.0
2003	1161	1089	198	205	48	236	136.0
2004	1361	1036	202	57	46	809	136.0
2993	1163	566	311	93	48	519	137.0
2988	1170	609	307	111	48	433	137.0
2988	1174	708	304	137	48	348	137.0
2986	1162	802	296	170	46	273	138.0
2998	1173	908	290	201	45	225	138.0
2993	1482	665	304	91	47	519	139.0
2990	1489	703	304	101	46	455	140.0
2993	1479	808	296	152	45	295	140.0
2987	1471	896	290	175	46	263	140.0
2981	1437	1090	276	243	46	190	140.0
2987	1767	944	285	56	44	790	141.0
2993	1757	1004	282	77	47	609	141.0
2987	1766	1089	275	104	47	452	141.0