Table 1

No.	Pressures atm., abs.	Throughput m^3 gas per m^3 cat., hr.	Intake gas comp. % CO	CO_2	H_2	m^3 H_2O: m^3 CO	Temp. in	Temp. out	Conversion % CO in product	% decomposed CO to total
1	1	580/1	30.1	7.4	50.7	98.6	3.3	276	296	24.9	14.5
2	1	580/1	28.6	8.4	50.5	94.9	3.3	291	346	20.0	27.4
3	1	580/1	28.6	9.0	52.0	96.1	3.3	308	380	14.8	47.0
4	1	580/1	28.7	8.7	49.5	97.9	3.4	316	419	10.4	66.0
5	1	580/1	28.0	9.4	48.3	98.5	3.5	336	424	5.9	86.4
6	1	580/1	28.0	8.8	48.7	99.3	3.5	351	436	5.9	86.5
12	7	400/7	32.4	4.8	54.0	81.2	2.4	356	466	15.0	59.0
13	7	400/7	34.8	4.6	54.6	80.0	2.5	362	485	10.8	78.0
14	7	400/7	31.6	5.2	53.8	80.7	2.6	375	510	9.4	87.0
15	7	400/7	32.4	5.2	52.5	78.8	2.3	390	515	9.0	90.0
43	11	540/11	32.9	6.0	49.0	58.8	1.8	343	413	24.6	29.0
44	11	540/11	32.9	6.2	50.0	58.9	1.8	363	471	16.9	55.0
45	11	540/11	33.7	6.3	45.9	64.4	1.9	383	501	13.5	76.0
46	11	540/11	31.4	6.2	48.1	61.5	2.0	403	515	11.6	81.0
52	16	540/16	34.4	5.2	48.9	59.1	1.7	385	479	17.1	62.0
53	16	540/16	34.0	4.8	49.0	59.5	1.8	389	503	14.6	74.0
54	16	540/16	34.1	5.0	49.4	59.3	1.7	390	495	16.7	65.0
55	16	540/16	33.9	5.1	49.1	53.4	1.6	405	515	14.3	82.0
56	16	540/16	35.2	6.1	48.4	70.1	2.0	466	440	22.0	39.0
57	16	540/16	34.9	5.8	49.6	64.7	1.8	370	409	24.9	29.0
58	16	540/16	32.8	5.6	52.0	65.5	2.0	386	484	16.7	59.0
59	16	540/16	34.1	5.9	54.9	63.2	2.0	386	484	15.8	64.0
60	16	540/16	33.9	5.5	49.3	69.5	2.0	406	522	11.4	87.0
61	16	540/16	33.9	5.8	50.5	69.2	2.0	406	525	13.4	80.0
62	16	540/16	34.3	5.3	49.2	70.1	2.0	423	549	13.0	84.0

Table 2

No.	Pressures atm., abs.	Throughput m^3 gas per m^3 cat., hr.	Intake gas comp. %			m^3 H_2O:	m^3 CO	Temp. in	Temp. out	Conversion	
			CO	CO_2	H_2					% CO in product	% decomposed CO to total
12	7	400/7	32.4	4.8	54.0	81.2	2.4	356	466	15.0	59
13	7	400/7	31.8	4.6	54.6	80.0	2.5	362	485	10.8	78
14	7	400/7	31.6	5.2	53.8	80.7	2.6	375	510	9.4	87
15	7	400/7	32.4	5.2	52.5	78.8	2.3	390	515	9.0	90
16	7	1000/7	31.8	5.2	55.0	92.9	2.9	371	473	16.6	49
17	7	1000/7	31.0	5.0	57.0	79.9	2.6	389	505	12.6	73
18	7	1000/7	31.7	4.7	56.6	97.2	3.1	396	504	9.8	80
19	7	1000/7	31.3	4.7	58.5	83.5	2.7	400	520	10.5	81
20	7	1000/7	31.4	4.6	56.8	81.0	2.6	418	526	9.4	89
52	16	540/16	34.4	5.2	48.9	59.1	1.7	385	479	17.1	62
53	16	540/16	34.0	4.0	49.0	59.5	1.8	389	503	14.6	74
54	16	540/16	34.1	5.0	49.4	59.3	1.7	390	495	16.7	65
55	16	540/16	33.9	5.1	49.1	53.4	1.6	405	515	14.3	82
56	16	540/16	35.2	6.1	48.4	70.1	2.0	366	440	22.0	39
57	16	540/16	34.9	5.8	49.6	64.7	1.8	370	409	24.9	29
58	16	540/16	32.8	5.6	52.0	65.5	2.0	386	484	16.7	59
59	16	540/16	34.1	5.9	54.9	63.2	2.0	386	484	15.8	64
60	16	540/16	33.9	5.5	49.3	69.5	2.0	406	522	11.4	87
61	16	540/16	33.9	5.8	50.5	69.2	2.0	406	525	13.4	80
62	16	540/16	34.3	5.3	49.2	70.1	2.0	423	549	13.0	84
63	16	1100/16	33.8	6.1	47.9	83.5	2.5	358	392	26.5	19.5
64	16	1100/16	34.0	5.8	47.9	82.1	2.4	360	400	26.5	20
65	16	1100/16	33.7	5.8	48.1	60.8	1.8	398	478	19.5	50
66	16	1100/16	33.8	5.4	49.0	71.2	2.1	400	468	19.7	44
67	16	1100/16	33.9	5.6	48.9	65.2	1.9	400	490	20.7	42
68	16	1100/16	33.8	5.8	48.9	66.3	2.0	418	510	17.4	60
69	16	1100/16	32.9	5.6	49.7	70.3	2.1	419	517	16.9	60
70	16	1100/16	32.9	6.0	48.3	68.7	2.1	447	524	14.6	69
71	16	1100/16	32.5	5.8	48.8	61.6	1.9	451	545	15.2	73

Table 3

No.	Pressures atm., abs.	Throughput m^3 gas per m^3 cat., hr.	Intake gas comp. %			m^3 H_2O:	m^3 CO	Temp. in	Temp. out	Conversion	
			CO	CO_2	H_2					% CO in product	% decomposed CO to total
30	11	460/11	33.0	5.2	55.5	58.5	1.8	347	424	21.4	36
31	11	460/11	32.4	5.6	53.3	60.3	1.8	360	482	13.8	73
32	11	460/11	34.0	6.0	52.0	62.8	1.8	366	498	13.6	78
33	11	460/11	31.3	5.0	55.5	53.2	1.7	367	484	12.1	83
34	11	460/11	33.1	5.3	53.2	59.5	1.8	369	475	12.6	79
35	11	460/11	31.4	5.4	55.2	55.7	1.8	373	490	12.0	84
36	11	460/11	31.7	5.5	54.7	56.2	1.8	394	506	14.0	92
37	11	460/11	32.4	5.6	53.0	96.0	3.0	350	408	21.4	32
38	11	460/11	32.4	5.3	53.4	95.0	2.9	365	467	15.5	56
39	11	460/11	33.2	5.6	51.8	101.4	3.1	368	468	13.6	63
40	11	460/11	33.5	5.1	50.6	98.0	2.9	384	492	10.0	80
41	11	460/11	32.8	5.4	50.8	93.0	2.8	398	511	8.8	87
42	11	460/11	33.4	5.6	50.2	93.9	2.8	413	515	8.6	89

Table 4

No.	Pressures atm., abs.	Throughput m^3 gas per m^3 cat., hr.	Intake gas comp. %			m^3 H_2O: m^3 CO	Temp. in	Temp. out	Conversion	
			CO	CO_2	H_2				% CO in product	% decomposed CO to total
12	7	400/7	32.4	4.8	54.0	81.2 2.4	356	466	15.0	59
13	7	400/7	31.8	4.6	54.6	80.0 2.5	362	405	10.8	78
14	7	400/7	31.6	5.2	53.8	80.7 2.6	375	510	9.4	87
15	7	400/7	32.4	5.2	52.5	78.8 2.3	390	515	9.0	90
21	7	500/7	8.8	1.2	83.2	67.0 7.6	350	380	4.4	54
22	7	500/7	9.0	1.0	82.5	78.5 8.7	365	400	3.4	66
23	7	500/7	8.4	1.2	83.4	67.9 8.1	380	425	2.3	85
24	7	500/7	9.4	0.4	82.5	73.1 7.8	395	437	1.9	92