

Report of

WESTERN HEMISPHERE PRODUCTION

of
**CASING, TUBING
and
DRILL PIPE
1998**

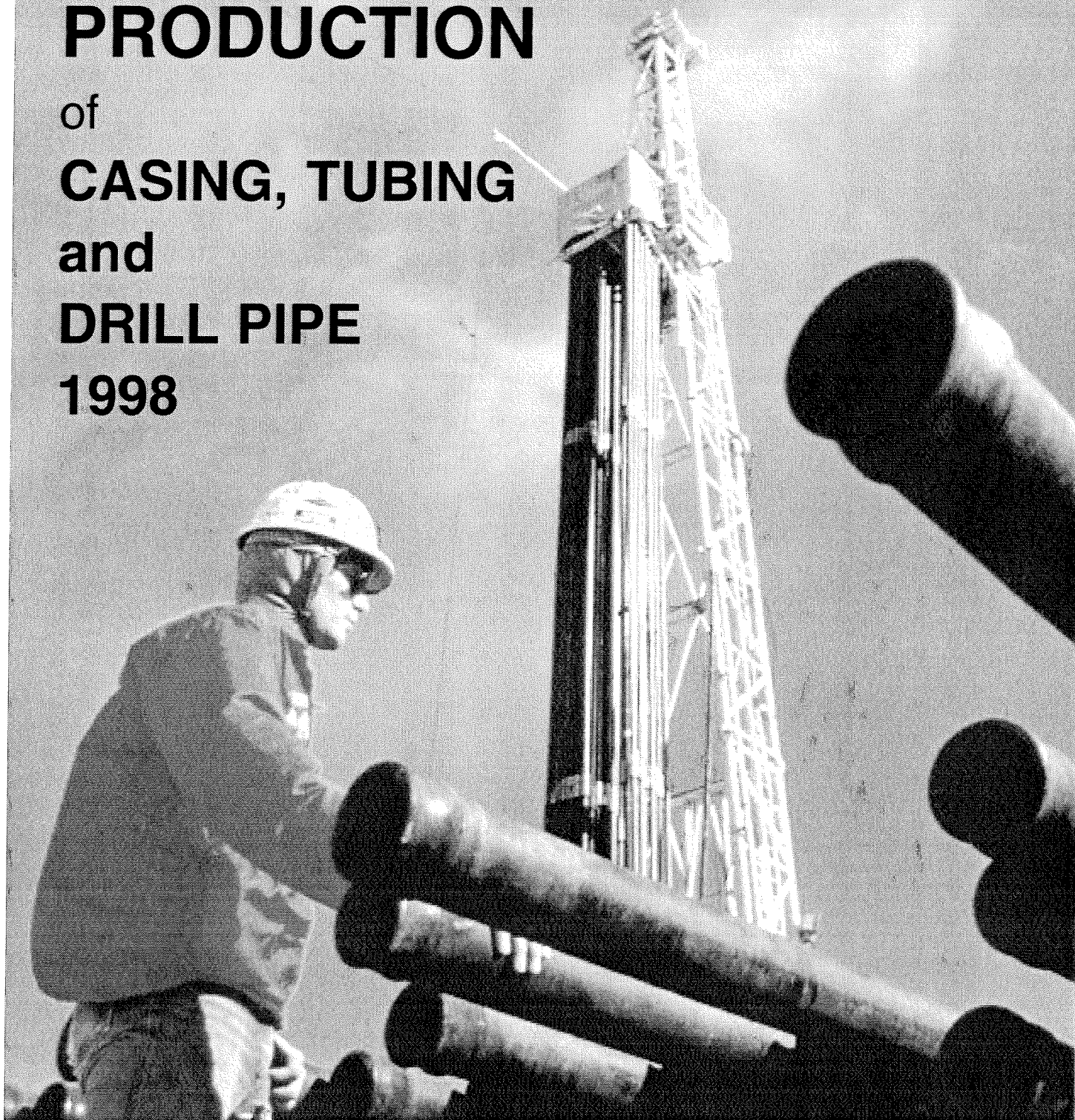


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1998
TONNAGE OF CASING SHIPPED - WESTERN HEMISPHERE
(Including Casing Liners)

SIZE OD (In.)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (lb/ft)	WALL THICKNESS (In.)	H40	J55 K55	N80	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	High Collapse 95 (b)	T95	P110	Q125	Other RY (c)	All Other	TOTAL ALL GRADES
3 1/2	---	9.92	0.289	0	1,850	0	109	0	0	0	0	0	0	742	0	0	0	2,701
TOTAL TONS PER SIZE:				0	1,850	0	109	0	0	0	0	0	0	742	0	0	0	2,701
4	---	11.35	0.286	0	0	0	230	0	0	0	0	0	0	0	0	0	0	230
TOTAL TONS PER SIZE:				0	0	0	230	0	0	0	0	0	0	0	0	0	0	230
4 1/2	9.50	9.41	0.205	0	31,596	0	0	0	0	0	0	0	0	0	0	0	15,495	47,091
	10.50	10.24	0.224	0	47,327	0	0	0	0	0	0	0	0	0	0	0	6,329	53,656
	11.60	11.36	0.250	0	42,290	46,265	6,160	0	0	0	0	0	10,771	2,160	0	35	15,772	123,453
	12.60	---	0.271	0	216	40	21,320	0	0	0	0	0	0	180	0	0	0	21,756
	13.50	13.05	0.290	0	0	2,406	4,954	0	0	890	0	1,762	46	9,380	0	229	2,187	21,853
	15.10	15.00	0.337	0	0	0	2,154	0	0	96	0	0	0	7,627	132	1,073	1,086	12,168
	---	---	0.380	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19.20	---	0.430	0	0	0	343	0	0	0	117	0	0	103	0	0	0	563
TOTAL TONS PER SIZE:				0	121,429	48,711	34,930	0	0	986	117	1,762	10,817	19,450	132	1,337	40,869	280,539
5	11.50	11.24	0.220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13.00	12.84	0.253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15.00	14.88	0.296	0	0	8	1,309	0	0	0	0	0	0	235	0	1,717	20	3,290
	18.00	17.95	0.362	0	0	119	3,801	0	0	0	353	0	0	4,901	220	767	364	10,524
	---	---	0.422	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21.40	21.32	0.437	0	0	0	0	0	0	24	0	68	0	457	23	0	0	572
	23.20	23.11	0.478	0	235	0	1,714	0	0	0	561	274	0	4,344	164	1,354	0	8,646
	24.10	24.05	0.500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	235	127	6,825	0	0	24	913	342	0	9,937	407	3,838	384	23,032

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
 (b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
 (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

1998
TONNAGE OF CASING SHIPPED - WESTERN HEMISPHERE
(Including Casing Liners)

SIZE OD (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)	H40	J55 K55	N80	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	High Collapse 95 (b)	P110	Q125	Other RY (c)	All Other	TOTAL ALL GRADES
88,9	---	14,76	7,34	0	1,850	0	109	0	0	0	0	0	0	742	0	0	0	2,701
TOTAL TONS PER SIZE:				0	1,850	0	109	0	0	0	0	0	0	742	0	0	0	2,701
101,6	---	16,89	7,26	0	0	0	230	0	0	0	0	0	0	0	0	0	0	230
TOTAL TONS PER SIZE:				0	0	0	230	0	0	0	0	0	0	0	0	0	0	230
114,30	9.50	14,02	5,21	0	31,596	0	0	0	0	0	0	0	0	0	0	0	15,495	47,091
	10.50	15,24	5,69	0	47,327	0	0	0	0	0	0	0	0	0	0	0	6,329	53,656
	11.60	16,91	6,35	0	42,290	46,265	6,160	0	0	0	0	0	10,771	2,160	0	35	15,772	123,453
	12.60	---	6,88	0	216	40	21,320	0	0	0	0	0	0	180	0	0	0	21,756
	13.50	19,44	7,37	0	0	2,406	4,954	0	0	890	0	1,762	46	9,380	0	229	2,187	21,853
	15.10	22,32	8,56	0	0	0	2,154	0	0	96	0	0	0	7,627	132	1,073	1,086	12,168
	---	---	9,65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	19.20	---	10,92	0	0	0	343	0	0	0	117	0	0	103	0	0	0	563
TOTAL TONS PER SIZE:				0	121,429	48,711	34,930	0	0	986	117	1,762	10,817	19,450	132	1,337	40,869	280,539
127,00	11.50	16,74	5,59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13.00	19,12	6,43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15.00	22,16	7,52	0	0	8	1,309	0	0	0	0	0	0	235	0	1,717	20	3,290
	18.00	26,70	9,19	0	0	119	3,801	0	0	0	353	0	0	4,901	220	767	364	10,524
	---	---	10,72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21.40	31,73	11,10	0	0	0	0	0	0	24	0	68	0	457	23	0	0	572
	23.20	34,39	12,14	0	235	0	1,714	0	0	0	561	274	0	4,344	164	1,354	0	8,646
	24.10	35,80	12,70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	235	127	6,825	0	0	24	913	342	0	9,937	407	3,838	384	23,032

NOTE: SIZES IN **ITALICS** ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
(b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
(c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE	NOMINAL	PLAIN END	WALL					L80	L85				High				Other		TOTAL
OD	WEIGHT	WEIGHT	THICKNESS		J55			13Cr	13Cr				Collapse				RY	All	ALL
(In.)	(lb/ft)	(lb/ft)	(In.)	H40	K55	N80	L80	(a)	(a)	C90	C95	T95	95	P110	Q125		(c)	Other	GRADES
5 1/2	14.00	13.71	0.244	0	43,748	0	2	0	0	0	0	0	0	0	0	0	0	2,140	45,889
	15.50	15.36	0.275	0	80,863	0	466	0	0	0	0	0	0	0	0	0	0	9,185	90,514
	17.00	16.89	0.304	0	46,936	33,890	18,249	0	0	0	0	0	649	17,616	43	4,204	7,827	129,414	
	20.00	19.83	0.361	0	830	6,541	8,401	0	0	0	0	110	118	17,951	0	1,081	250	35,282	
	23.00	22.56	0.415	0	0	181	1,740	0	0	0	0	677	439	5,956	473	219	0	9,685	
	26.00	25.54	0.476	0	0	0	177	0	0	0	0	280	0	2,214	411	796	32	3,909	
	26.80	26.72	0.500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	29.70	29.67	0.562	0	0	0	0	0	0	0	0	0	0	0	257	0	0	257	
	32.60	32.57	0.625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	35.30	35.35	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	38.00	38.08	0.750	0	413	0	0	0	0	0	0	0	0	0	0	0	0	413	
	40.50	40.69	0.812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	43.10	43.26	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	172,790	40,613	29,034	0	0	0	0	1,067	1,206	43,736	1,183	6,300	19,434	315,364	
5 3/4	---	---	0.315	0	0	0	46	0	0	0	0	0	0	0	0	0	0	46	
	---	---	0.375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	---	---	0.433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	46
6 5/8	20.00	19.51	0.288	0	185	0	0	0	0	0	0	0	0	0	0	0	0	185	
	24.00	23.60	0.352	0	281	0	1,683	0	0	0	0	0	0	0	0	0	0	1,964	
	28.00	27.67	0.417	0	226	0	0	0	0	0	0	0	0	0	0	70	0	296	
	32.00	31.23	0.475	0	0	0	11	0	0	0	0	0	0	319	0	32	0	362	
	---	---	0.523	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				0	691	0	1,694	0	0	0	0	0	0	319	0	102	0	2,807	

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
(b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
(c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE OD (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)					L80 13Cr (a)	L85 13Cr (a)				High Collapse 95 (b)			Other RY (c)	All Other	TOTAL ALL GRADES
				H40	J55 K55	N80	L80			C90	C95	T95		P110	Q125			
139,70	14.00	20,41	6,20	0	43,748	0	2	0	0	0	0	0	0	0	0	0	2,140	45,889
	15.50	22,88	6,99	0	80,863	0	466	0	0	0	0	0	0	0	0	0	9,185	90,514
	17.00	25,13	7,72	0	46,936	33,890	18,249	0	0	0	0	0	649	17,616	43	4,204	7,827	129,414
	20.00	29,52	9,17	0	830	6,541	8,401	0	0	0	0	110	118	17,951	0	1,081	250	35,282
	23.00	33,57	10,54	0	0	181	1,740	0	0	0	0	677	439	5,956	473	219	0	9,685
	26.00	38,02	12,09	0	0	0	177	0	0	0	0	280	0	2,214	411	796	32	3,909
	26.80	39,78	12,70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	29.70	44,14	14,27	0	0	0	0	0	0	0	0	0	0	0	257	0	0	257
	32.60	48,49	15,88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	35.30	52,61	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	38.00	56,68	19,05	0	413	0	0	0	0	0	0	0	0	0	0	0	0	413
	40.50	60,55	20,62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	43.10	64,40	22,23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	172,790	40,613	29,034	0	0	0	0	1,067	1,206	43,736	1,183	6,300	19,434	315,364
146,05	---	---	8,00	0	0	0	46	0	0	0	0	0	0	0	0	0	0	46
	---	---	9,53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	---	---	11,00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	0	0	46	0	0	0	0	0	0	0	0	0	0	46
168,28	20.00	29,06	7,32	0	185	0	0	0	0	0	0	0	0	0	0	0	0	185
	24.00	35,13	8,94	0	281	0	1,683	0	0	0	0	0	0	0	0	0	0	1,964
	28.00	41,18	10,59	0	226	0	0	0	0	0	0	0	0	0	0	70	0	296
	32.00	46,50	12,07	0	0	0	11	0	0	0	0	0	0	319	0	32	0	362
	---	---	13,28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	691	0	1,694	0	0	0	0	0	0	319	0	102	0	2,807

NOTE: SIZES IN **ITALICS** ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
 (b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
 (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE OD (In.)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (lb/ft)	WALL THICKNESS (In.)											High Collapse		Other		TOTAL	
				H40	J55 K55	N80	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	95 (b)	P110	Q125	RY (c)	All Other	ALL GRADES	
7	17.00	16.72	0.231	6,300	5,442	0	0	0	0	0	0	0	0	0	0	0	2,636	14,378	
	20.00	19.56	0.272	3,005	24,794	0	0	0	0	0	0	0	0	0	0	0	1,813	29,612	
	23.00	22.65	0.317	2,453	87,583	37,136	20,728	0	0	0	0	0	5,561	7,573	0	0	12,846	173,880	
	26.00	25.69	0.362	0	18,609	13,829	32,802	0	0	0	0	0	43	29,469	0	0	3,843	98,595	
	29.00	28.75	0.408	0	8	5,076	28,637	0	0	865	158	2,694	2,280	28,356	0	7,971	3,896	79,942	
	32.00	31.70	0.453	0	0	1,831	7,666	0	0	0	96	3,584	298	11,036	587	6,614	1,552	33,264	
	35.00	34.61	0.498	0	0	98	1,018	0	0	0	362	768	125	2,251	1,217	2,714	574	9,127	
	38.00	37.29	0.540	0	0	0	283	0	0	0	0	107	0	1,542	1,525	354	970	4,781	
	41.00	40.39	0.590	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73	
	42.70	42.65	0.625	0	0	0	0	0	0	0	0	0	0	0	0	181	0	181	
	46.40	46.36	0.687	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	50.10	50.11	0.750	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	53.60	53.71	0.812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	57.50	57.29	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL TONS PER SIZE:				11,758	136,436	57,971	91,134	0	0	865	616	7,153	8,307	80,227	3,329	17,834	28,203	443,833	
7 5/8	24.00	23.49	0.300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	26.40	25.59	0.328	0	1,599	2,294	236	0	0	0	0	0	0	10,181	0	0	2,039	16,349	
	29.70	29.06	0.375	0	0	1,201	7,026	0	0	0	0	607	0	34,815	25	29	127	43,830	
	33.70	33.07	0.430	0	0	700	1,386	0	0	0	0	0	0	21,999	160	28	102	24,375	
	39.00	38.08	0.500	0	0	0	1,391	0	0	0	59	2,097	0	56,467	6,398	58	0	66,469	
	42.80	42.43	0.562	0	0	0	1,982	0	0	0	0	200	0	122	433	135	0	2,872	
	45.30	44.71	0.595	0	0	0	172	0	0	0	0	0	0	267	2,186	0	0	2,624	
	47.10	46.77	0.625	0	0	0	59	0	0	0	0	1,424	0	1,216	666	268	17	3,650	
	51.20	50.95	0.687	0	0	0	3,122	0	0	0	0	0	0	0	0	0	0	3,122	
	55.30	55.12	0.750	0	0	0	0	0	0	0	0	239	0	103	0	50	0	392	
	59.00	---	0.811	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTAL TONS PER SIZE:				0	1,599	4,195	15,375	0	0	0	59	4,567	0	125,169	9,867	568	2,285	163,684
7 3/4	46.10	45.54	0.595	0	0	0	0	0	0	0	207	528	0	103	1,289	816	126	3,069	
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	207	528	0	103	1,289	816	126	3,069	

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
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 (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding

SIZE OD (mm)	NOMINAL WEIGHT (lb/ft)	PLAIN END WEIGHT (kg/m)	WALL THICKNESS (mm)	H40	J55 K55	N80	L80	L80 13Cr (a)	L85 13Cr (a)	C90	C95	T95	High Collapse 95 (b)	P110	Q125	Other RY (c)	All Other	TOTAL ALL GRADES
177,80	17.00	24,89	5,87	6,300	5,442	0	0	0	0	0	0	0	0	0	0	0	2,636	14,378
	20.00	29,12	6,91	3,005	24,794	0	0	0	0	0	0	0	0	0	0	0	1,813	29,612
	23.00	33,70	8,05	2,453	87,583	37,136	20,728	0	0	0	0	0	5,561	7,573	0	0	12,846	173,880
	26.00	38,21	9,19	0	18,609	13,829	32,802	0	0	0	0	0	43	29,469	0	0	3,843	98,595
	29.00	42,78	10,36	0	8	5,076	28,637	0	0	865	158	2,694	2,280	28,356	0	7,971	3,896	79,942
	32.00	47,20	11,51	0	0	1,831	7,666	0	0	0	96	3,584	298	11,036	587	6,614	1,552	33,264
	35.00	51,52	12,65	0	0	98	1,018	0	0	0	362	768	125	2,251	1,217	2,714	574	9,127
	38.00	55,52	13,72	0	0	0	283	0	0	0	0	107	0	1,542	1,525	354	970	4,781
	41.00	60,14	14,99	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73
	42.70	63,41	15,88	0	0	0	0	0	0	0	0	0	0	0	0	181	0	181
	46.40	69,01	17,45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	50.10	74,58	19,05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	53.60	79,93	20,62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	57.50	85,29	22,23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				11,758	136,436	57,971	91,134	0	0	865	616	7,153	8,307	80,227	3,329	17,834	28,203	443,833
193,68	24.00	34,97	7,62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	26.40	38,08	8,33	0	1,599	2,294	236	0	0	0	0	0	0	10,181	0	0	2,039	16,349
	29.70	43,28	9,53	0	0	1,201	7,026	0	0	0	0	607	0	34,815	25	29	127	43,830
	33.70	49,22	10,92	0	0	700	1,386	0	0	0	0	0	0	21,999	160	28	102	24,375
	39.00	56,69	12,70	0	0	0	1,391	0	0	0	59	2,097	0	56,467	6,398	58	0	66,469
	42.80	63,14	14,27	0	0	0	1,982	0	0	0	0	200	0	122	433	135	0	2,872
	45.30	66,55	15,11	0	0	0	172	0	0	0	0	0	0	267	2,186	0	0	2,624
	47.10	69,64	15,88	0	0	0	59	0	0	0	0	1,424	0	1,216	666	268	17	3,650
	51.20	75,85	17,45	0	0	0	3,122	0	0	0	0	0	0	0	0	0	0	3,122
	55.30	82,05	19,05	0	0	0	0	0	0	0	0	239	0	103	0	50	0	392
	59.00	---	20,60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL TONS PER SIZE:				0	1,599	4,195	15,375	0	0	0	59	4,567	0	125,169	9,867	568	2,285	163,684
196,90	46.10	67,74	15,11	0	0	0	0	0	0	0	207	528	0	103	1,289	816	126	3,069
TOTAL TONS PER SIZE:				0	0	0	0	0	0	0	207	528	0	103	1,289	816	126	3,069

NOTE: SIZES IN *ITALICS* ARE THOSE NOT LISTED IN THE CURRENT EDITION OF SPEC 5CT

- (a) Weights are not applicable for L80 and L85 13Cr grades.
 (b) 95,000 psi minimum yield strength casing manufactured to meet collapse pressures higher than that for Grade C95 casing of the same size and thickness.
 (c) Other Restricted Yield Strength Grades. Includes any grade with a specified yield strength range of 20,000 psi or less which is not included in the table.

*Numbers may not add due to rounding