CASING FISHING CHART

CASING SIZE	WEIGHT P/FOOT	ID (IN INCHES)	SPEAR	NOM GRAPPLE
4-1/2"	9.50	4.090	9487	4.010
	10.50	4.052	9487	4.010
	11.60	4.000	9487	3.947 OR 4.010
	12.60	3.958	9487	3.885 OR 3.947
	13.50	3.920	9487	3.885 OR 3.947
	15.10	3.826	9487	3.744 OR 3.885

OPTIONAL SPEAR	NOM GRAPPLE
532	SAME
532	SAME
532	SAME
532	SAME
532	SAME
532	SAME

CASING SIZE	WEIGHT P/FOOT	ID (IN INCHES)	SPEAR	NOM GRAPPLE
5-1/2"	14.00	5.012	9682	4.961 OR 5.008
	15.50	4.950	9682	4.961 OR 5.008
	17.00	4.892	9682	4.805 OR 4.961
	20.00	4.778	9682	4.695 OR 4.805
	23.00	4.670	9682	4.601 OR 4.695
	26.00	4.548	9682	4.476, 4.555, OR 4.601

OPTIONAL SPEAR	NOM GRAPPLE
20117 OR	SAME
1334 OR	SAME
18272	SAME
	SAME
ANY OF THE ABOVE	SAME
	SAME

CASING SIZE	WEIGHT P/FOOT	ID (IN INCHES)	SPEAR	NOM GRAPPLE
7"	20.00	6.456	9268	6.470 OR 6.564
	23.00	6.366	9268	6.220 OR6.470
	26.00	6.276	9268	6.095, 6.220, OR 6.470
	29.00	6.184	9268	6.095 OR 6.220
	32.00	6.094	9268	5.970, 6.095, OR 6.220
	35.00	6.004	9268	5.970 OR 6.095

OPTIONAL SPEAR	NOM GRAPPLE
9717	6.335 OR 6.415
9717	6.274, 6.335, OR 6.415
9717	6.149, 6.274, OR 6.335
9717	6.071, 6.149, OR 6.274
9717	6.009, 6.071, OR 6.149
9717	5.915, 5.930, 6.009, OR 6.071