

BIG EDDY UNIT* NO. 118
SURFACE CASING

1st TAPER CASING PARAMETERS

SIZE (inches)	11.750	TOTAL DEPTH	450
WEIGHT (lbs/ft)	42.00	TOP DEPTH OF TAPER(ft)	0
GRADE	H-40	BOTTOM DEPTH OF TAPER(ft)	450
LONG OR SHORT THREAD	ST&C	MAX FLUID GRADIENT (ppg)	9.5
INT. DIAMETER (inches)	11.084	AXIAL LOAD FACTOR "X"	0.000
DRIFT DIAMETER (inches)	10.928	AXIAL LOAD FACTOR "Y"	1.000
TENSION (lbs)	307,000	ANTICIPATED PSI @ SETTING	221.9
COLLAPSE (psi)	1,070		
BURST (psi)	1,980	NET FOOTAGE =	450

TENSION-1.5 design factor	16.243	DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT
TENSION/(DEPTH*WEIGHT)		
COLLAPSE-1.0 design factor	4.823	DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT
(COLLAPSE * Y)/(PSI/FT * DEPTH)		
BURST-1.0 design factor	8.808	DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT
BURST/((.75*BHP+2.5 #/gal)		

EXHIBIT D-1