

BIG EDDY UNIT NO. 118 INTERMEDIATE CASING

1st TAPER CASING PARAMETERS

SIZE (inches)	8.625
WEIGHT (lbs/ft)	24.00
GRADE	K-55
LONG OR SHORT THREAD	ST&C
INT. DIAMETER (inches)	8.097
DRIFT DIAMETER (inches)	7.972
TENSION (lbs)	263,000
COLLAPSE (psi)	1,370
BURST (psi)	2,950

TOTAL DEPTH 2,700

TOP DEPTH OF TAPER(ft)	0
BOTTOM DEPTH OF TAPER(ft)	2,500
MAX FLUID GRADIENT (ppg)	10
AXIAL LOAD FACTOR "X"	0.018
AXIAL LOAD FACTOR "Y"	0.995
ANTICIPATED PSI @ SETTING	1297.5

NET FOOTAGE = 2500

TENSION-1.6 design factor	4.059
TENSION/(DEPTH*WEIGHT)	
COLLAPSE-1.0 design factor	1.051
(COLLAPSE * Y)/(PSI/FT * DEPTH)	
BURST-1.0 design factor	2.145
BURST/((.75*BHP+2.5 #/gal)	

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

2nd TAPER CASING PARAMETERS

SIZE (inches)	8.625
WEIGHT (lbs/ft)	24.00
GRADE	S-80
LONG OR SHORT THREAD	ST&C
INT. DIAMETER (inches)	8.097
DRIFT DIAMETER (inches)	7.972
TENSION (lbs)	326,000
COLLAPSE (psi)	1,780
BURST (psi)	2,950

TOP DEPTH OF TAPER(ft)	2500
BOTTOM DEPTH OF TAPER(ft)	2700
MAX FLUID GRADIENT (ppg)	10
AXIAL LOAD FACTOR "X"	0.000
AXIAL LOAD FACTOR "Y"	1.000
ANTICIPATED PSI @ SETTING	1401.3

NET FOOTAGE = 200

TENSION-1.6 design factor	67.917
TENSION/(DEPTH*WEIGHT)	
COLLAPSE-1.0 design factor	1.270
(COLLAPSE * Y)/(PSI/FT * DEPTH)	
BURST-1.0 design factor	2.105
BURST/((.75*BHP+2.5 #/gal)	

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

DESIGN EXCEEDS SAFTEY FACTOR REQUIREMENT

EXHIBIT D-2