FORM CR-13
1/72

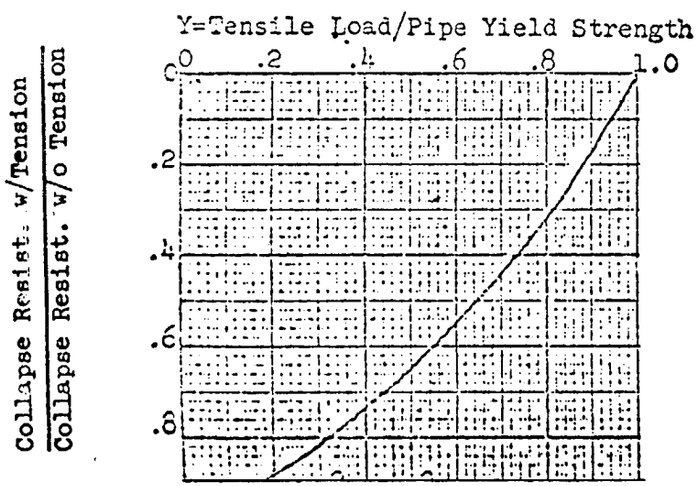
CASING AND TUBING DESIGN

WELL Laguna #2 FIELD (Morrow) Undesignated

CASING STRING 1st Intermediate COUNTY Lea STATE NM DATE 8-2-79 DESIGN BY MRT

CASING SIZE 9 5/8" HOLE SIZE 12 1/4" MUD WT. I 10 #/g. HYD GR. I .52 psi/ft. MUD WT. II 9 #/g. HYD. GR. II .468 psi/ft. M.S.P. 2000 psi.

INTERVAL Bottom	INTERVAL Top	LENGTH	DESCRIPTION Wt.	DESCRIPTION Grade	DESCRIPTION Thread	WEIGHT W/ BF___ W/O BF___ lbs	TENSION -top of section lbs	MINIMUM STRENGTH TENSION 1000 lbs	TDF	COLLAPSE PRESS. @ bottom psi	COLLAPSE RESIST. tension psi	CDF	BURST PRESSURE psi	INTERNAL MINIMUM YIELD psi	BDF	PRICE PER FT.	COST
3300	0	3300'	36#	K-55	STC	118800	118800	423	3.56	1716	2020	1.18	2000	3520	1.76	12.00	39600



Formulae:

Collapse resistance in tension =
X (Collapse pressure rating)

Burst Pressure =
MSP + Depth (Hyd. Gr. II — .5)

BF (Bouyancy Factor) =
1.00 — (0.0153 X Mud Wt. I)

Calculations:

Total Cost 39600