FORM CR-13
1/72

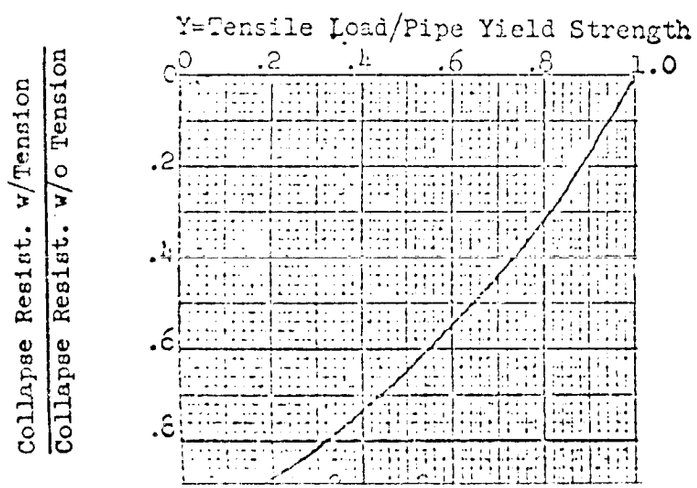
CASING AND TUBING DESIGN

WELL [illegible] FIELD [illegible]

CASING STRING Surface COUNTY Eddy STATE New Mexico DATE [illegible] DESIGN BY [illegible]

CASING SIZE 13 3/8" HOLE SIZE 17 1/2" MUD WT. I 10.0 #/g. HYD GR. I 0.519 psi/ft. MUD WT. II #/g. HYD. GR. II psi/ft. M.S.P. 1000 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
800	0	800	48.0	H-40	ST&C	38400	38400	322	8.38	415	770	1.855	1000	1730	1.730 *	8.78 *	7[illegible]



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 $ 7034