

CASING AND TUBING DESIGN

WELL Windward Fed No. 1 FIELD Windward

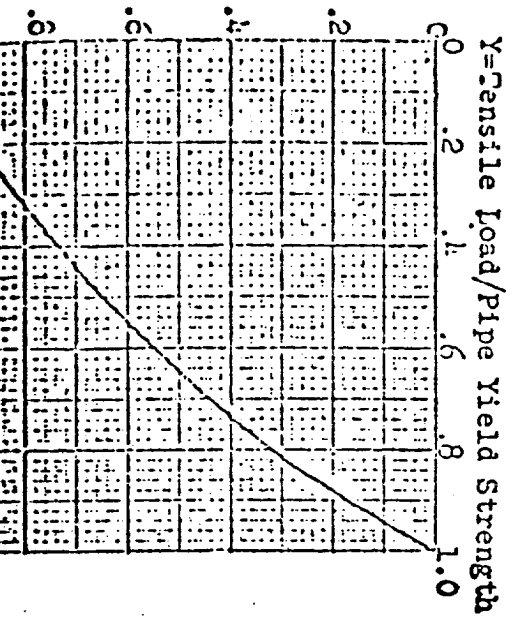
CASING STRING Stainless COUNTY Chaco STATE New Mexico DATE 11-9-77 DESIGN BY JM

CASING SIZE 11 3/4" HOLE SIZE 15" MUD WT. I 10 #/G. HYD CR. I 52 psi/ft. MUD WT. II 10 #/G. HYD. CR. II 52 psi/ft. M.S.P. 0.1.1.1 psi.

INTERVAL	LENGTH	DESCRIPTION	WEIGHT		TENSION	MINIMUM STRENGTH	TDF	COLLAPSE PRESS. @ bottom	COLLAPSE RESIST. tension	CDF	BURST PRESSURE	INTERVAL YIELD	BDF	PRICE PER FT.	COST
			W/BF	W/O BF											
Bottom	Top	Wt. Grade Thread		lbs	section	lbs	1000 lbs	psi	psi		psi	psi			

51 0 500' 42# H40 STC 21000 21000 307 H4 260 1070 4.11 - 1980

Collapse Resist. w/Tension
Collapse Resist. w/o Tension



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

RECEIVED

8 1977

OIL CONSERVATION COMM.
HOBBS, N. M.