

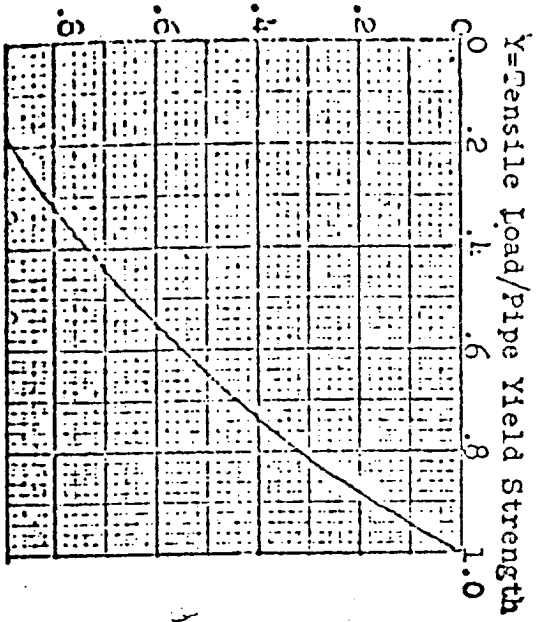
WELL Holway Field No.1 FIELD Hot Mesa (Hawthorn)

CASING STRING Surface COUNTY Lea STATE New Mexico DATE 11/21/70 DESIGN BY 1

CASING SIZE 13 3/8" HOLE SIZE 17 1/2" MUD WT. I 2.0 #/G. HYD CR. I 24447 psi/ft. MUD WT. II 12.2 #/G. HYD. CR. II 24422 psi/ft. M.S.P.

INTERVAL	LENGTH	DESCRIPTION	WEIGHT W/ BF W/O BF	TENSION -top of section	MINIMUM STRENGTH TENSION	TDF	COLLAPSE PRESS. @ bottom	COLLAPSE RESIST. tension	CDF	BURST PRESSURE	INTERNAL MINIMUM YIELD	BDS
Bottom	Top	Wt. Grade Thread	lbs	lbs	1000 lbs		psi	psi		psi	psi	

1 2 0 500 48# H-40 ST+C 24000 24000 772 4196 235 770 3.27 - 1730 -



Formulae:

Collapse resistance in tension =
X (Collapse pressure rating)

Burst Pressure =
MSP + Depth (Hyd. Cr. II -.5)

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

Calculations: