

WILSON FEDERAL 1 FIELD WILDCAT

Production COUNTY Chaves STATE New Mexico DATE 11-9-77 DESIGN BY JLT

SING SIZE 5 1/2 HOLE SIZE 7 7/8 MUD WT. I 9.5 #/G. HYD GR. I 4.45 psi/ft. MUD WT. II #/G. HYD. GR. II psi/ft. M.S.P. 4000 psi.

INTERVAL	LENGTH	DESCRIPTION	WEIGHT		TENSION	MINIMUM	TDP	COLLAPSE	COLLAPSE	CDF	BURST	INTERNAL	BDF	PRICE	COST
			W/ BF	W/O BF											
Bottom	Top	Wt.	Grade	Tread	lbs	lbs	1000 lbs	psi	psi	psi	psi	psi	psi	psi	psi

21	8200	2500'	17 1/2	N80	KT+C	42500	42500	348	HL	5300	6280	1.18	4000	2240	
200	6500	1700'	17 1/2	K55	ST+C	28900	21400	252	3.5	4059	4910	1.20	4000	5320	
500	3500	3000'	15.5	K55	ST+C	46500	117900	222	1.88	3217	4040	1.25	4000	4810	1.20
500	0	3500	17 1/2	N80	KT+C	59500	172400	348	1.95	1732	6280	HL	4000	7740	

Y=Tensile Load/Pipe Yield Strength

Formulae:

Collapse resistance in tension =
X (Collapse pressure rating)

Burst Pressure =

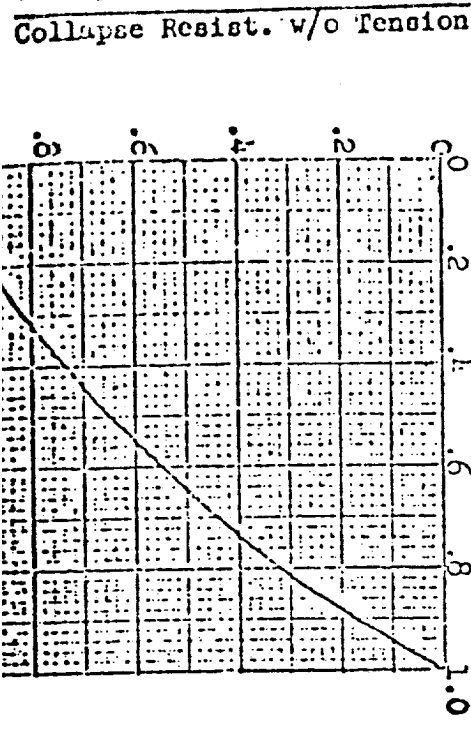
MSP + Depth (Hyd. Gr. II -.5)

BF (Bouyancy Factor) =

1.00 - (0.0153 X Mud Wt. I)

Calculations:

Total Cost



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SEP 1977

OIL CONSERVATION COMM.
HOBBS, N. M.