

POND ANALYSIS SHEET
GALE OR KATHERINE MASTERSON
T47N R2W SECTION 32 SE1/4NE1/4

SOURCE: DEEP CREEK TRIBUTARY TO HELLS GULCH CREEK

SURFACE AREA: 24,800 SQ FT

POND SIZE: 24,800 SQ FT = 0.6 ACRES (AS MEASURED ON MAP) & 8 FT DEEP (AS REPORTED BY CLAIMANT)

0.6 ACRES X 8' = 4.8 AF

EVAPORATION = 1546 GPD X 365 DAYS / 325,850 GAL/AF = 1.7 AF

SEEPAGE = 0

STOCKWATER USAGE = 5 HEAD HORSES X 12 GPD X 365 DAYS/YR / 325,850 GAL = 0.1 AF

STOCKWATER STORAGE:	A. POND SIZE	4.8 AF
	B. EVAPORATION	1.7 AF
	C. SEEPAGE	0
	D. STOCK	<u>0.1 AF</u>
	TOTAL	6.6 AF