WATER BUDGET

WELL NAME: BLM-7-509

DATE	TYPE H_2O INTRODUCED (SOAP/MUD/FRESH)	VOLUME (GALLONS)
4/27/88	soap drilling fluid, vadose zone	1650
4/28/88	soap drilling fluid, vadose zone	1800
4/29/88	soap drilling fluid, vadose zone	1100
4/30/88	soap drilling fluid, vadose zone	1250
5/1/88	soap drilling fluid, vadose zone	1750
5/2/88	soap drilling fluid, vadose zone	1600
5/3/88	soap/mud, vadose zone	700
5/3/88	soap/mud, saturated zone	700
5/3/88	soap, saturated zone	500
		11,050 gallons

Volume measured in mud pit:
main pit=52'x8'x1.85'= 770 cu.ft.
backup pit=46'x9'x.8'= 331 cu.ft.
total cuttings & fluid in pits=1101 cu.ft.
Volume of cuttings from borehole:
380 ft^3
total drilling fluid=1101-380=721 ft^3 (5395 gallons)