

6/17/2008



## Uintah Engineering & Land Surveying

85 South 200 East

Vernal, Utah 84078

435.789.1017 fx 435.789.1813

Oxy USA WTP LP

Pond #4

Located in: Section 9, T6S, R97W, 6th P.M.

Lat 39° 32' 23.13"N Long 108° 13' 37.39"W

Pond volume calculations (based on survey data of existing pond)

Calculations were made using a barrel which is equal to 42 gallons.

Elevation	Cubic Yards	U.S. Barrels
8512	52.12	250.6
8513	532.25	2559.5
8514	1199.77	5769.6
8515	1941.22	9335.1
8516	2756.54	13255.9
8517	3649.97	17552.3
8518	4620.97	22221.8
8519	5669.17	27262.5
8520	6796.22	32682.3
8520.83	7793.63	37478.8
8521	8004.89	38494.7
8522	9298.11	44713.7
8522.83	10437.87	50194.7

Max Pond Elevation 8522.83

Min Pond Elevation 8511.47

Max Liquid Elevation 8522.83

Max Liquid Elevation - 2' Freeboard 8520.83

Max Volume Leaving Freeboard 37478.8

Max Volume

FREEBOARD

(Should not fill with liquid)

### Pit Volume Vs. Liquid Elevation

In Barrels

