

Alternative Water Supply Sources

Elevation (ft)	Depth (ft bls)	Lithology	Hydrostratigraphic Unit	Static Water Level Elevation (ft)	Average Yield (gpm)	Total Dissolved Solids (mg/L)
5,000	0	Sandstone	Unsaturated Zone		Shallow Aquifer Yields SEO Wells: 27 Yield Range: 3 to 25 Average Yield: 13	
4,950	50		Surficial Aquifer	4,945		551 to 1,750
4,900	100	Shale	Confining Unit			
		Sandstone	Felix Coal Aquifer	4,925		380 to 1,310
4,850	150	Shale	Confining Unit			
4,800	200	Sandstone	Lower Wasatch Aquifer			
4,750	250					
4,700	300					
4,650	350	Sandstone, Silt, and Shale				
4,600	400	Shale	Confining Unit			
4,550	450					
4,500	500	Sandstone	Edgerton Aquifer			
4,450	550					
4,400	600	Shale	Confining Unit			
4,350	650					
4,300	700					
4,250	750	Sand and Siltstone	Upper Fort Union Aquifer			
4,200	800	Shale	Confining Unit			
4,150	850					
4,100	900		Big George Coal Aquifer			
4,050	950	Shale	Confining Unit			
4,000	1,000	Sandstone	Big George Underburden Sand Aquifer			
		Shale	Confining Unit			
3,950	1,050	Sandstone	Overburden Aquifer	4,417	4	241 to 740
		Shale	Confining Unit			
3,900	1,100		Wyodak Coal Aquifer	4,320	1	506 to 579
		Shale	Confining Unit			
3,850	1,150	Sandstone	Underburden Aquifer	4,650	12 to 25	238 to 353