

W2-C SW WELLFIELD PRODUCTION WELL SYSTEM

WELL 112

*Depth (feet)

Lithologic Description

0-10	Limestone (50%): dark yellowish orange 10YR 6/6 and yellowish gray 5Y 8/1; vuggy; high porosity. Shell Fragments (50%): white N9; predominately bi-valves.
10-20	Limestone: olive gray 5Y 3/2; micrite; few small vugs; hard; low porosity.
20-40	Sandy Clay: light olive gray 5Y 5/2; moderately hard.
40-80	Clay: grayish olive 10Y 4/2; moderate hardness.
80-90	Silty Clay: grayish olive 10Y 4/2; soft.
90-110	Clayey Sand: light olive gray 5Y 5/2; fine; abundant fine phosphate particles.
110-130	Limestone (50%): pale olive 10Y 6/2; hard; low porosity. Shell Fragments (50%): White N9.
130-180	Limestone (80%): pale olive 10Y 6/2; moderately hard; moderate porosity. Shell Fragments (20%): white N9; bi-valves.
180-210	Clayey Sand: yellowish gray 5Y 7/2; fine with abundant fine phosphate particles; soft; fossiliferous.
210-220	Limestone (70%): yellowish gray 5Y 7/2; moderate vuggy porosity. Clayey Sand: yellowish gray 5Y 7/2; fine with abundant fine phosphate particles; soft; fossiliferous.
220-260	Limestone (50%): yellowish gray 5Y 7/2; moderate vuggy porosity. Sandy Clay (50%): yellowish gray 5Y 7/2; fine with abundant fine phosphate particles; soft; fossiliferous.
260-280	Sandy Clay (50%): yellowish gray 5Y 7/2; with abundant fine phosphate particles; soft.
280-340	Marl / Clay: yellowish gray 5 Y 7/2; abundant very fine phosphate in a marl/clay matrix; soft.
340-350	Marl / Clay: yellowish gray 5 Y 7/2; abundant very fine phosphate in a marl/clay matrix; soft; trace of dark organics.

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350-360	Marl / Clay: yellowish gray 5 Y 7/2; abundant very fine phosphate in a marl/clay matrix; soft.
360-380	Limestone (50%): white N9 to very light gray N8; fossiliferous micrite; moderately friable; moderate to high porosity; few small vugs; trace of phosphate. Marl / Clay (50%): yellowish gray 5 Y 7/2; abundant very fine phosphate in a marl/clay matrix; soft.
380-400	Limestone (90%): white N9 to very light gray N8; fossiliferous micrite; moderately friable; moderate to high porosity; few small vugs; trace of phosphate. Marl (10%): yellowish gray 5 Y 7/2; soft.
400-480	Limestone: white N9 to very light gray N8; fossiliferous micrite; moderately friable; moderate to high porosity; few small vugs; trace of phosphate; trace of marl.
480-520	Limestone (80%): white N9 to light gray N7; fossiliferous micrite; moderately friable to hard; moderate to high porosity. Marl (20%): very light gray N8; soft.
520-530	Limestone: pale yellowish brown 10YR 6/2; biomicrite; hard; abundant fine inbedded phosphate; low to moderate apparent porosity.
530-550	Limestone: very pale orange 10YR 8/2; moderately friable; moderate to high apparent porosity.
550-680	Limestone: very pale orange 10YR 8/2; friable; high apparent porosity; vuggy.
680-710	Limestone: very pale orange 10YR 8/2 to very light gray N8; fossiliferous micrite; friable; high apparent porosity; vuggy.
710-720	Limestone (50%): very pale orange 10YR 8/2 to very light gray N8; fossiliferous micrite; friable; high apparent porosity; vuggy. Marl (50%): very light gray N8; soft.

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