

Well No. 4. Gulf States No. 5 St. Johns, NE SW SE Sec. 27, T.8 S, R.25 W.
Elev. 2503.

Depth	Formation	Thick- ness	Description Lithology	Description Residues
4550	Decorah	20		
4570	(unconformity) Cotter	20	Brown dolomite	50-70% coarse detrital sand with 30-50% green shale
4590		53	White and brown crystalline dolomite	10-20% white chalcedonic chert 5-10% granular chert; chiefly sand with green shale decreasing.
4640		47	Brown oolitic dolo- mite	Prominent brown and white oolites in chalcedonic and granular chert; 10-50% rounded frosted sand
4690	Roubidoux	65	White crystalline dolomite. 10-35% residue	10-20% chalcedonic and 10-60% granular chert; 20-70% sand; pyrite at 4700; 50% green shale lower half
4755	Middle Roubidoux	40	Same, 5-15% residue	10-95% green shale grading to 5-80% sand
4812	Lower Roubidoux	68	Brown dolomite low residue 4-10%	70% sand with 10% chalcedonic chert; 10% anhydrite; 10-20% green shale; 100% sand in lower 20 feet
4880	Eminence	12	White dolomite	Top half 50% chalcedonic chert; 40% sand; 10% pyrite Lower Half 95% dolomoldic chalky
4892		73	Brown dolomite White dolomite 4927 Brown dolomite 4948	20-30% chalcedonic chert; 20-40% dolomoldic chalky chert; 10-30 sand; 10% drusy quartz; 10% pyrite
4965	Bennetierre	60	Sandy brown dolomite 40-100% residue	100% clean fine to medium euhedral sand to 5005; coarse to medium with some rounded sand in lower part. Angular, ironstained sand at base
5025	Reagan	45	Dolomitic sandstone 60-100 residue	Coarse uniform euhedral sand
5052	T.D.			
5070 ?	Precambrian			