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|-----------------------|-------|-------|--|------------------|-------|
| Ojo Alamo | 2830' | 3028' | White, cr-gr ss. | | |
| Kirtland | 3028' | 3335' | Gry sh interbedded w/tight, gry, fine-gr ss. | | |
| Fruitland | 3335' | 3519' | Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. | Ojo Alamo | 2830' |
| Pictured Cliffs | 3519' | 3651' | Bn-Gry, fine grn, tight ss. | Kirtland | 3028' |
| Lewis | 3651' | 4111' | Shale w/siltstone stringers | Fruitland | 3335' |
| Huerfanito Bentonite* | 4111' | 4466' | White, waxy chalky bentonite | Pic.Cliffs | 3519' |
| Chacra | 4466' | 5076' | Gry fn grn silty, glauconitic sd stone w/dr k gry shale | Lewis | 3651' |
| Cliff House | 5076' | 5350' | ss. Gry, fine-grn, dense sil ss. | Huerfanito Bent. | 4111' |
| Menefee | 5350' | 5685' | Med-dark gry, fine gr ss, carb sh & coal | Chacra | 4466' |
| Point Lookout | 5685' | 6164' | Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation | Cliff House | 5076' |
| Mancos | 6164' | 6846' | Dark gry carb sh. | Menefee | 5350' |
| Gallup | 6846' | 7622' | Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh | Pt.Lookout | 5685' |
| Greenhorn | 7622' | 7672' | Highly calc gry sh w/thin lmst. | Mancos | 6164' |
| Graneros | 7672' | 7695' | Dk gry shale, fossil & carb w/pyrite incl. | Gallup | 6846' |
| Dakota | 7695' | 7923' | Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks | Greenhorn | 7622' |
| | | | | Graneros | 7672' |
| | | | | Dakota | 7695' |

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)