

Pinabete Permit Application Package

Table 18.2-1. Water Supply Wells in Study Area

| Site Name | Type | Owner | Completion | Construction | Status | Primary Use | Water Quality Data | Depth to Water | Total Depth (ft) |
|-------------------------------------|------|---------------------------------------|--------------------------|--|-------------|--------------------------------|---|----------------|------------------|
| 45 (#34) | Well | Navajo | Pinabete/ Chaco Alluvium | NA | | Unknown | see Myers and Villaneuva (1986) well 45 | 8 | 8 |
| #46 | Well | Navajo | Alluvium | Dug Well | | Unknown | see BAI #46 | 7.3 | 9 |
| #90 | Well | Navajo | PCS | NA | | Stock, Domestic | NA | | 131 |
| 13-15-4 (#60) | Well | Navajo | Chaco Alluvium | Concrete collar; wooden lid, bucket operated | Unpermitted | Unknown | NA | 8 | 11 |
| 13-7-2 | Well | Navajo | PCS | 7" steel casing w/ windmill on 8'x8' concrete pad | Abandoned | Unknown | NA | | 198.8 |
| 13-7-4 | Well | Navajo | Unknown | Hand dug w/ hand pump | Permitted | Unknown | NA | | Unknown |
| 13-AW (13T-513) | Well | Navajo | Menefee-Artesian | NA | Unpermitted | OG well converted to Livestock | | 0 | 530 |
| GM-22 (13R-38) | Well | Navajo | Pinabete Alluvium | Dug well w/concrete pad & windmill | Permitted | Monitoring/ Livestock | NA | 11 | 47 |
| GM-32 (13-15-7) | Well | Navajo Likely the same well as W-0202 | Chaco Alluvium | Block & Concrete dug well, formerly hand pump operated; 10'x10' concrete pad | Unpermitted | Monitoring/ Livestock | NA | 8 | 9 |
| GM-35 | Well | Navajo | Unknown | Dug well w/concrete pad operated by portable hand pump | Unpermitted | Unknown | NA | | 8.7 |
| GM-36 (13-7-5) | Well | Navajo | Unknown | Dug well w concrete well head; bucket operated | Unpermitted | Livestock & Monitoring | NA | | 10.4 |
| W-0148 | Well | Navajo | Unknown | NA | | Stock Water | NA | | Unknown |
| W-0202 | Well | Navajo | Chaco Alluvium | NA | | Stock Water | NA | | 7 |
| W-0203 (13-15-5) | Well | Navajo | Chaco Alluvium | NA | Unpermitted | Stock Water | NA | | 8 |
| W-0204 (13-15-6) | Well | Navajo | Chaco Alluvium | Dug well; 8'x8' concrete pad; sides eroding into well | Unpermitted | Stock Water | NA | | 14 |
| W-0314 | Well | Navajo | Unknown | NA | | Stock Water | NA | | Unknown |
| W-0342 | Well | Navajo | Unknown | NA | | Stock Water | NA | | Unknown |
| W-0343 (13-5-1, Stevenson, 13-15-2) | Well | Navajo | Alluvium | 5" steel casing; well cap welded shut | Permitted | Stock Water | NA | | Unknown |
| W-0344 (#93) | Well | Navajo | Pinabete Alluvium | NA | | Stock Water | see BAI #93 | 7 | 9 |
| W-0345 (13R-48, 13-15-3) | Well | Navajo | Pinabete Alluvium | Dug well; concrete well head; wooden cover | Permitted | Stock Water | NA | 7 | 10 |

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Table 18.2-1. (Continued)

| Site Name | Type | Owner | Completion | Construction | Status | Primary Use | Water Quality Data | Depth to Water | Total Depth (ft) |
|---|------|--------|------------------------|--|-------------|--------------------------|---|----------------|------------------|
| W-0346 (13R-37, 13-8-4) | Well | Navajo | Pinabete Alluvium | Dug well w/ concrete pad over well; hand pump operable | Unpermitted | Stock Water, Use Unknown | NA | 6 | 8 |
| W-0348 (13-8-1) | Well | Navajo | Pinabete Alluvium | Open well; concrete well head | Unpermitted | Stock Water | NA | 9 | 13 |
| W-0519 (13R-31 #17, G4, 13-14-7) | Well | Navajo | Chaco Alluvium | NA | Unpermitted | Stock Water | see Thorn (1993) well G4 | 16 | 16 |
| W-520 | Well | Navajo | Unknown | NA | | Stock Water | NA | | Unknown |
| W-0537 | Well | Navajo | Unknown | | | Stock Water | NA | | Unknown |
| W-0540 | Well | Navajo | Unknown | | | Stock Water | NA | | Unknown |
| W-0545 | Well | Navajo | Unknown | | | Stock Water | NA | | Unknown |
| G-3 (#36) | Well | Navajo | Unknown | NA | | Stock Water | see Thorn (1993) well G3 | | Unknown |
| W-0606 (13-15-1) | Well | Navajo | Unknown but likely PCS | 5" steel casing w/ 8' x 8' concrete pad; Windmill | Unpermitted | Stock Water | NA | | Unknown |
| W-0607 | Well | Navajo | Alluvial | Windmill | | Stock Water | NA | 18 | 25 |
| W-0618 (46,13R-28, #35) | Well | Navajo | Cottonwood Alluvium | NA | | Stock Water | see Myers and Villaneuva (1986) well 46 | 5 | 16 |
| W-0624 | Well | Navajo | Unknown | | | Stock Water | NA | | Unknown |
| W-0644 (13R-28A, QACW-2B, CWAP-1, #126) | Well | Navajo | Cottonwood Alluvium | Hand dug w/ hand pump | | Stock Water | see BAI #126 | Unknown | 11 |
| W-0645 (13R-29, #61, 13-14-6) | Well | Navajo | Chaco Alluvium | NA | Permitted | Stock Water | see BAI #61 | 12 | 16 |
| W-0686 | Well | Navajo | Unknown | Windmill | | Stock Water | NA | | Unknown |
| W-0691 (13-15-8) | Well | Navajo | Chaco Alluvium | Dug well, 5'x5' concrete pad; equipped w/hand pump | Unpermitted | Stock Water | NA | | Unknown |

PCS - Pictured Cliffs Sandstone

- BAI - Numbering System from Historic Addendum 12-D-A prepared by Billings and Associates, Inc. 1987

Source of Navajo Trust information - New Mexico Office of the State Engineer. 2010. Notice of Navajo Nation Expedited Inter Se Proceeding. Hydrographic Survey, Appendix M. Acquired from the Internet August 17, 2011 from

<http://www.ose.state.nm.us/water-info/NavajoSettlement/Notice2010/AppendixM.pdf>