

Water Analysis of Fresh Water Wells  
Surrounding Proposed SWD Well

Analysis performed by Halliburton Services Laboratory, Hobbs, New Mexico on 3-3-1983

| Well No. as shown<br>on attached map           | 1           | 2            | 3            |
|--|-------------|--------------|--------------|
| Resistivity                                    | 5.7 at 74°F | 11.6 at 74°F | 11.4 at 74°F |
| Specific Gravity                               | 1.004       | 1.001        | 1.001        |
| pH   | 6.6         | 7.0          | 7.0          |
| Calcium (Mpl)                                  | 150         | 80           | 105          |
| Magnesium                                      | 21          | 15           | 14           |
| Chlorides                                      | 450         | 100          | 150          |
| Sulfates                                       | 450         | 300          | 380          |
| Bicarbonates                                   | 315         | 290          | 270          |
| Soluble Fe                                     | Nil         | Nil          | Nil          |
| Sodium (calc)                                  | 414         | 198          | 232          |
| Total Dissolved Solids<br>Milligrams per liter | 1800        | 983          | 1152         |

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