

TYPICAL WATER ANALYSIS
 SAN ANDRES FORMATION
 LEA COUNTY, NEW MEXICO

| ANALYSIS | | PPM or Mg/L | EP M or Meq./L | Ionic P P M | |
|---|------|-------------------|----------------------|------------------|---------|
| 1. PH | 7.25 | | | | |
| 2. H ₂ S | Pos. | | | | |
| 3. CO ₂ | Pos. | | | | |
| 4. Specific Gravity | 1.12 | | | | |
| 5. Phenol Alkalinity (CaCO ₃) | | 0.0 | | | |
| 6. M.P. Alkalinity (CaCO ₃) | | 520.0 | | | |
| 7. Bicarbonate (CaCO ₃) | | 520.0 | 10.4 | HCO ₃ | 634 |
| 8. Chlorides (Cl) | | 187,000.0 | 5,267.6 | CL | 187,000 |
| 9. Sulphates (SO ₄) | | 2,800.0 | 58.33 | SO ₄ | 2,800 |
| 10. Total Hardness (CaCO ₃) | | 10,000.0 | | | |
| 11. Calcium (CaCO ₃) | | 5,750.0 | 115.0 | Ca | 2,300 |
| 12. Magnesium (CaCO ₃) | | 4,250.0 | 85.0 | Mg | 1,037 |
| 13. Sodium (Na) | | | 5,135.73 | Na | 118,122 |
| 14. XXXXXXXXXX Barium (Ba) | | | | NO ₃ | 0 |
| 15. Iron (Fe) | | | | | |
| 16. Total Dissolved Solids | | | | | 311,893 |