

## Proposed Well Profile

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| <b>Client:</b> Nearburg Producing Company<br><b>Field:</b> Eddy County, NM<br><b>Structure:</b> White Tip 7 Fed Com #2<br><b>Well:</b> White Tip 7 Fed Com #2<br><b>Borehole:</b> White Tip 7 Fed Com #2<br><b>UWI/API#:</b><br><b>Date:</b> October 11, 2000<br><b>Grid Convergence:</b> 0.52329374°<br><b>Scale Factor:</b> 1.00000442<br><b>Location:</b> N 33 32 33.090, W 103 23 10.866<br>: N 926217.756 ftUS, E 788544.137 ftUS<br><b>Coordinate System:</b> NAD27 New Mexico State Planes, Eastern Zone, US Feet | <b>Survey Computation Method:</b> Minimum Curvature<br><b>DLS Computation Method:</b> Lubinski<br><b>Vertical Section Azimuth:</b> 273.940°<br><b>Vertical Section Origin:</b> N 0.000 ft, E 0.000 ft<br><b>TVD Reference:</b><br>0.0 ft above<br><b>Magnetic Declination:</b> 8.872°<br><b>Total Field Strength:</b> 50624.337 nT<br><b>Dip:</b> 61.782°<br><b>Declination Date:</b> September 28, 2000<br><b>Magnetic Declination Model:</b> BGGM 1999<br><b>North Reference:</b> Grid North<br><b>Coordinate Reference To:</b> Structure Reference Point |
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| Station ID   | MD<br>(ft) | Incl<br>(°) | Azim<br>(°) | TVD<br>(ft) | VSec<br>(ft) | NI-S<br>(ft) | E-W<br>(ft) | Closure<br>(ft) | at Azim<br>(°) | DLS<br>(°/100ft) | TF<br>(°) |
|--------------|------------|-------------|-------------|-------------|--------------|--------------|-------------|-----------------|----------------|------------------|-----------|
| Tie-In       | 2500.00    | 0.00        | 273.94      | 2500.00     | 0.00         | 0.00         | 0.00        | 0.00            | 0.00           | 0.00             | -86.1MTF  |
|              | 2600.00    | 0.00        | 273.94      | 2600.00     | 0.00         | 0.00         | 0.00        | 0.00            | 0.00           | 0.00             | -86.1MTF  |
| Casing Point | 2600.00    | 0.00        | 273.94      | 2600.00     | 0.00         | 0.00         | 0.00        | 0.00            | 0.00           | 0.00             | -86.1MTF  |
| KOP          | 2700.00    | 0.00        | 273.94      | 2700.00     | 0.00         | 0.00         | 0.00        | 0.00            | 0.00           | 0.00             | -86.1MTF  |
|              | 2800.00    | 2.50        | 273.94      | 2799.97     | 2.18         | 0.15         | -2.18       | 2.18            | 273.94         | 2.50             | -86.1MTF  |
|              | 2900.00    | 5.00        | 273.94      | 2899.75     | 8.72         | 0.60         | -8.70       | 8.72            | 273.94         | 2.50             | -86.1     |
|              | 3000.00    | 7.50        | 273.94      | 2999.14     | 19.61        | 1.35         | -19.56      | 19.61           | 273.94         | 2.50             | 0.0       |
|              | 3100.00    | 10.00       | 273.94      | 3097.97     | 34.82        | 2.39         | -34.74      | 34.82           | 273.94         | 2.50             | 0.0       |