



Azimuths to Grid North  
 True North: -0.04°  
 Magnetic North 7.80°  
 Magnetic Field  
 Strength: 48496.5nT  
 Dip Angle: 60.01°  
 Date 04/11/2011  
 Model: IGRF200510

COMPANY DETAILS: Murchison Oil and Gas

Drilling  
 Calculation Method: Minimum Curvature  
 Error System: ISCWSA  
 Scan Method: Closest Approach 3D  
 Error Surface: Elliptical Conic  
 Warning Method: Error Ratio

PROJECT DETAILS: Ramsey

Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: New Mexico Eastern Zone  
 System Datum: Mean Sea Level

