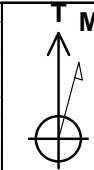
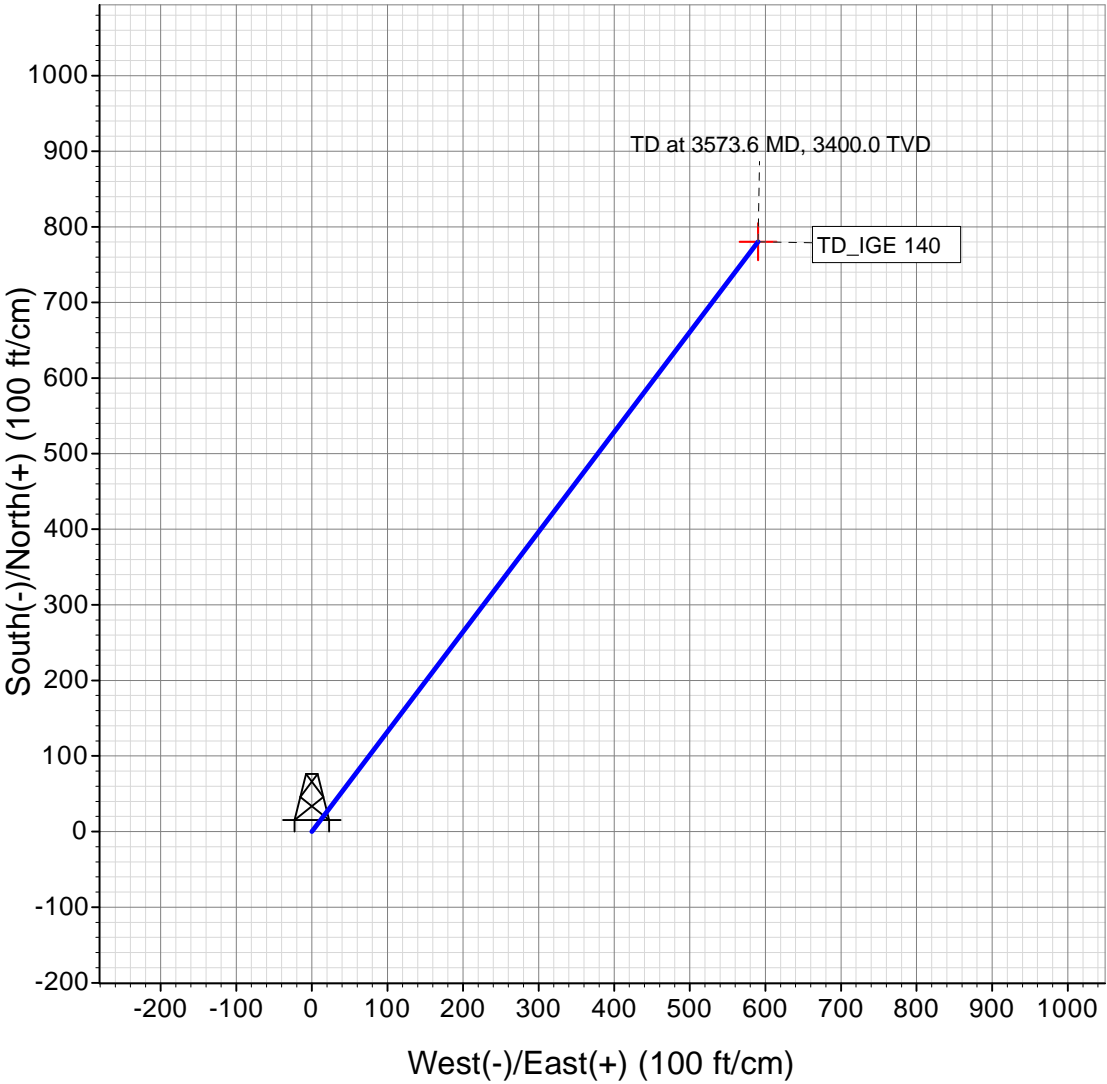
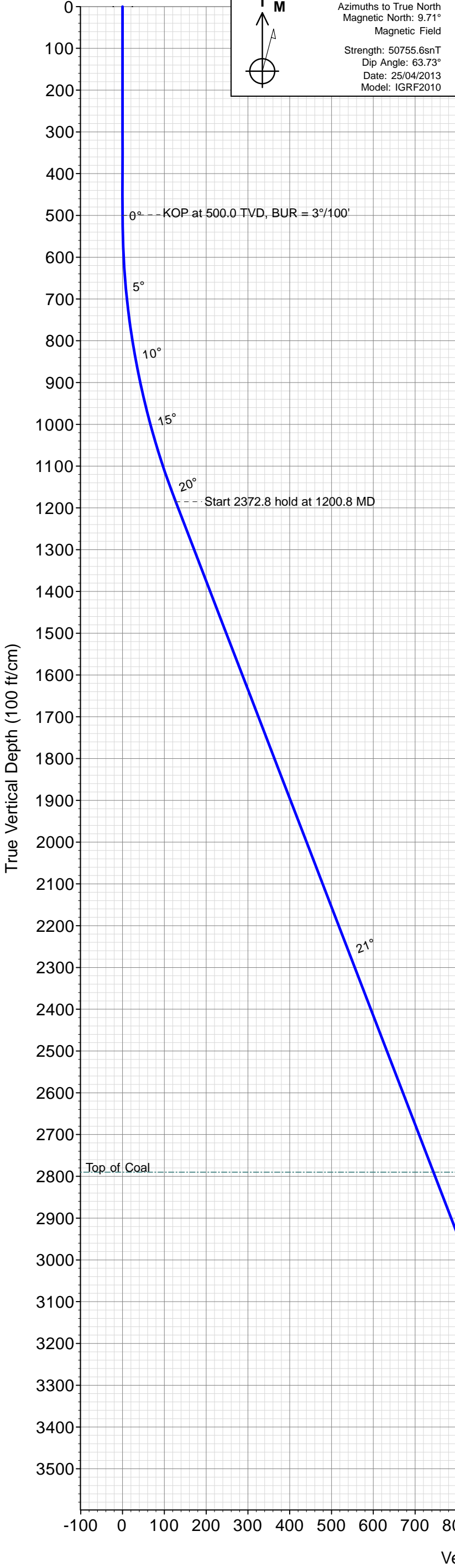


Project: La Plata County, Colorado  
Site: Sec 17, T-33N-R8W  
Well: IGE 140  
Wellbore: Wellbore #1  
Design: Design #1



Azimuths to True North  
Magnetic North: 9.71°  
Magnetic Field  
Strength: 50755.6snT  
Dip Angle: 63.73°  
Date: 25/04/2013  
Model: IGRF2010



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Annotation
500.0	500.0	0.00	0.00	0.0	0.0	0.0	KOP at 500.0 TVD, BUR = 3°/100'
1185.2	1200.8	21.03	37.11	101.4	76.7	127.2	Start 2372.8 hold at 1200.8 MD
3400.0	3573.6	21.03	37.11	780.3	590.4	978.4	TD at 3573.6 MD, 3400.0 TVD

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Sec 17, T-33N-R8W, True North  
Calculation Method: Minimum Curvature  
Northing: 1165649.14  
Easting: 2344856.11  
Latitude: 37° 5' 59.820 N  
Longitude: 107° 44' 47.436 W  
Ground Elevation: 6731.0  
KB Elevation: WELL @ 6731.0ft (Original Well Elev)  
Convergence: -1.38

