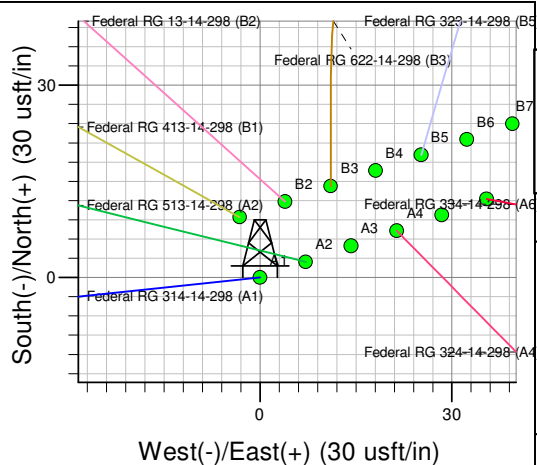
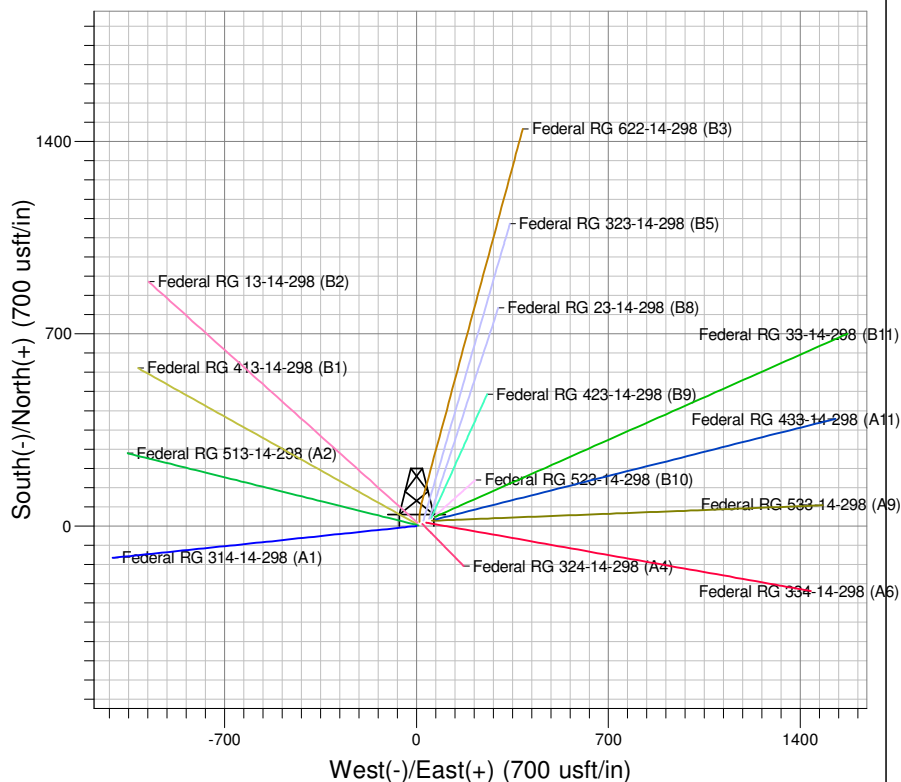


Well Name: Federal RG 314-14-298  
 Surface Location: RG 23-14-298 Pad  
 North American Datum 1983 US State Plane 1983 Colorado Central Zone  
 Ground Elevation: 6600.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1755761.60 2196355.50 39° 52' 24.981 N 108° 21' 49.012 W A1  
 Cyclone 29 (21' RKB) jbb FULLY BUSHING @ 6621.0usft (Cyclone 29 (21' RKB) jbb)



Project: RG 14-02S-098W  
 Site: RG 23-14-298 Pad  
 Well: Federal RG 314-14-298  
 Plan: Plan #2 15Mar10 kjs

Azimuths to True North  
 Magnetic North: 10.80°  
 Magnetic Field  
 Strength: 52629.5snT  
 Dip Angle: 66.04°  
 Date: 6/16/2009  
 Model: IGRF2005-10

#### SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.000	0.0	
120.0	0.00	0.00	120.0	0.0	0.0	0.00	0.000	0.0	
563.1	11.08	264.03	560.4	-4.4	-42.5	2.50	264.028	42.7	
5766.8	11.08	264.03	5667.1	-108.5	-1036.9	0.00	0.000	1042.5	
6505.3	0.00	0.00	6401.0	-115.9	-1107.7	1.50	180.000	1113.7	Mesaverde (25' Radius) Federal RG 314-14-298
10925.3	0.00	0.00	10821.0	-115.9	-1107.7	0.00	0.000	1113.7	

TVD	MD	Inc	Azi	+N/-S	+E/-W	V Sect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.50
560.4	563.1	11.08	264.03	-4.4	-42.5	42.7	42.7	Hold 11.08 Inc
5667.1	5766.8	11.08	264.03	-108.5	-1036.9	1042.5	1042.5	Start Drop -1.50
6401.0	6505.3	0.00	0.00	-115.9	-1107.7	1113.7	1113.7	Vertical
10821.0	10925.3	0.00	0.00	-115.9	-1107.7	1113.7	1113.7	TD at 10925