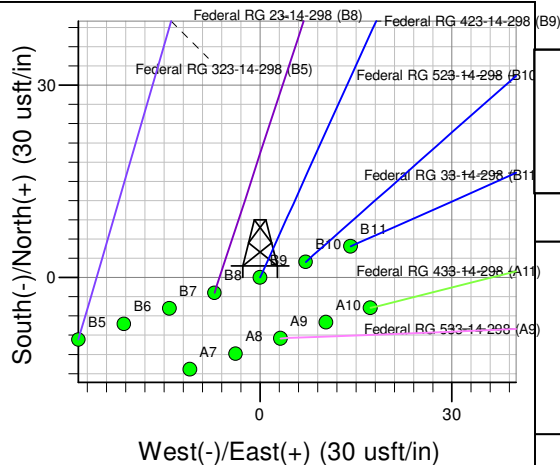
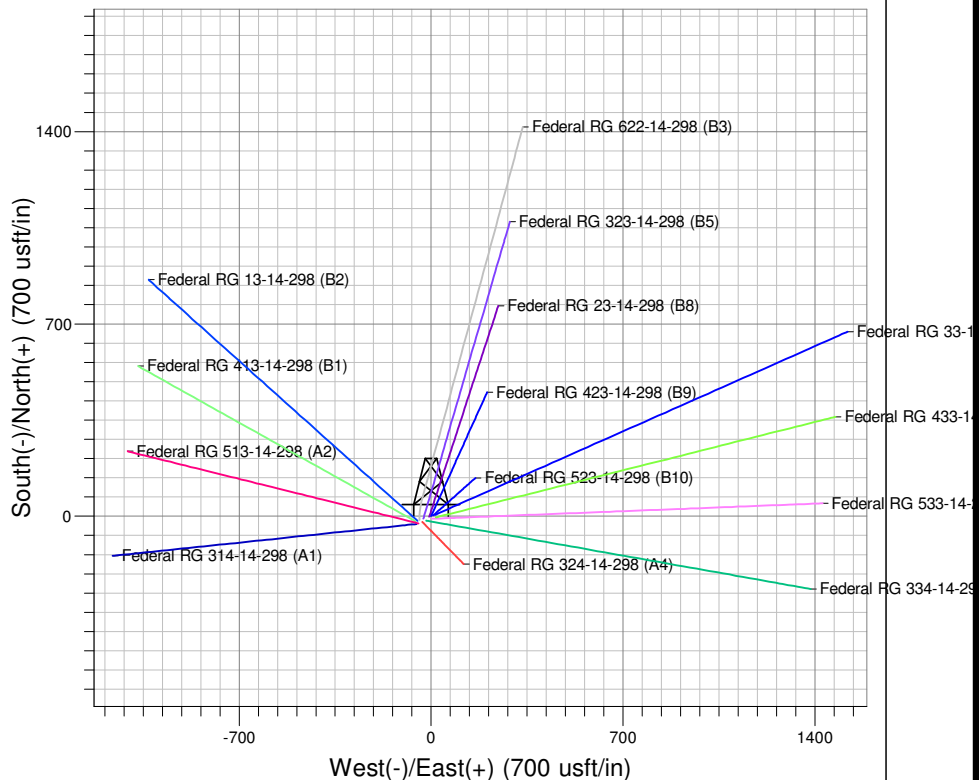


Well Name: Federal RG 423-14-298
 Surface Location: RG 23-14-298 Pad
 North American Datum 1983 US State Plane 1983 Colorado Central Zone
 Ground Elevation: 6600.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1755788.70 2196410.00 39° 52' 25.266 N 108° 21' 48.324 W B9
 Cyclone 29 (21' RKB) KILLY BUSHING @ 6621.0usft (Cyclone 29 (21' RKB) jib)



Project: RG 14-02S-098W
 Site: RG 23-14-298 Pad
 Well: Federal RG 423-14-298
 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	VSect	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	
429.9	4.65	24.36	429.6	11.4	5.2	1.50	24.361	12.6	
6230.9	4.65	24.36	6211.4	439.7	199.1	0.00	0.000	482.7	
6540.8	0.00	0.00	6521.0	451.1	204.3	1.50	180.000	495.2	Mesaverde (25' Radius) Federal RG 423-14-298
10960.8	0.00	0.00	10941.0	451.1	204.3	0.00	0.000	495.2	

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 1.50
429.6	429.9	4.65	24.36	11.4	5.2	12.6	12.6	Hold 4.65 Inc
6211.4	6230.9	4.65	24.36	439.7	199.1	482.7	482.7	Start Drop -1.50
6540.8	6540.8	0.00	0.00	451.1	204.3	495.2	495.2	Vertical
10941.0	10960.8	0.00	0.00	451.1	204.3	495.2	495.2	TD at 10961