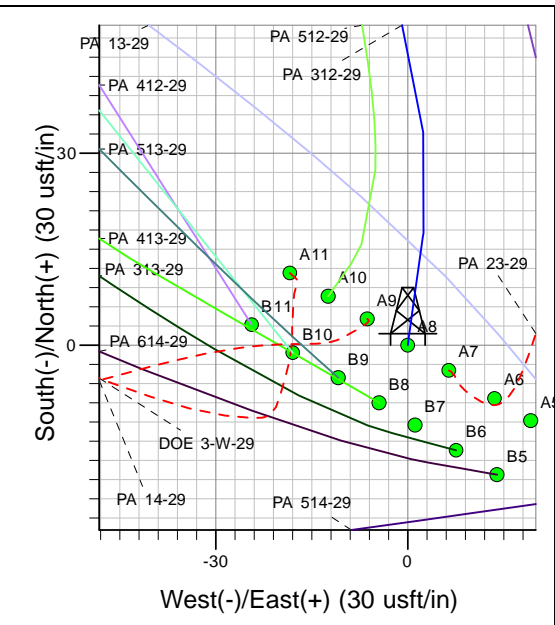
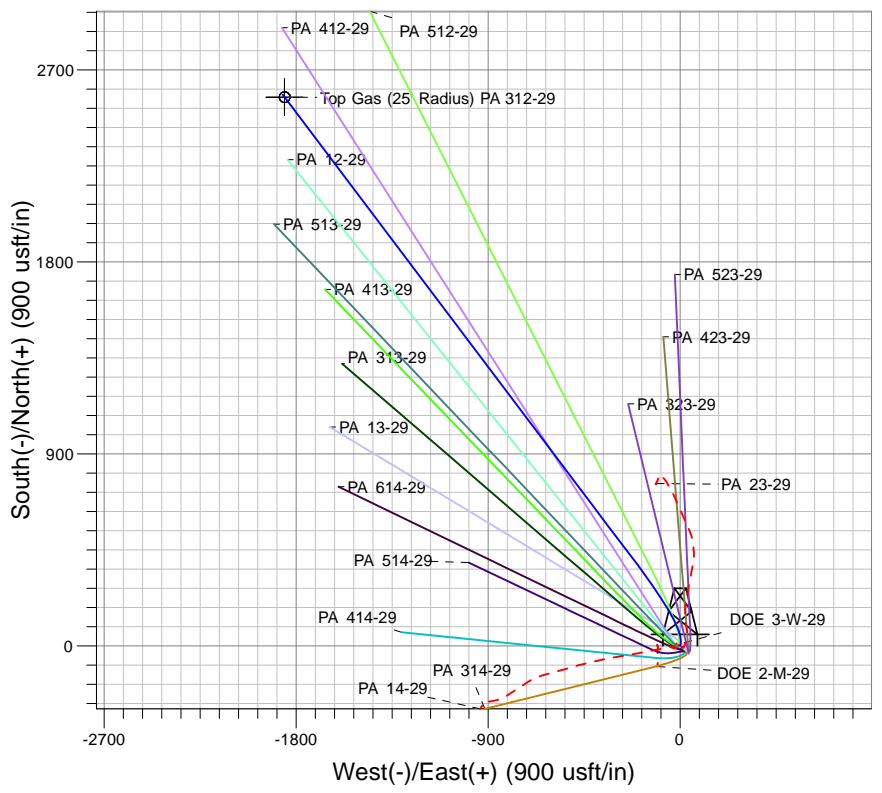
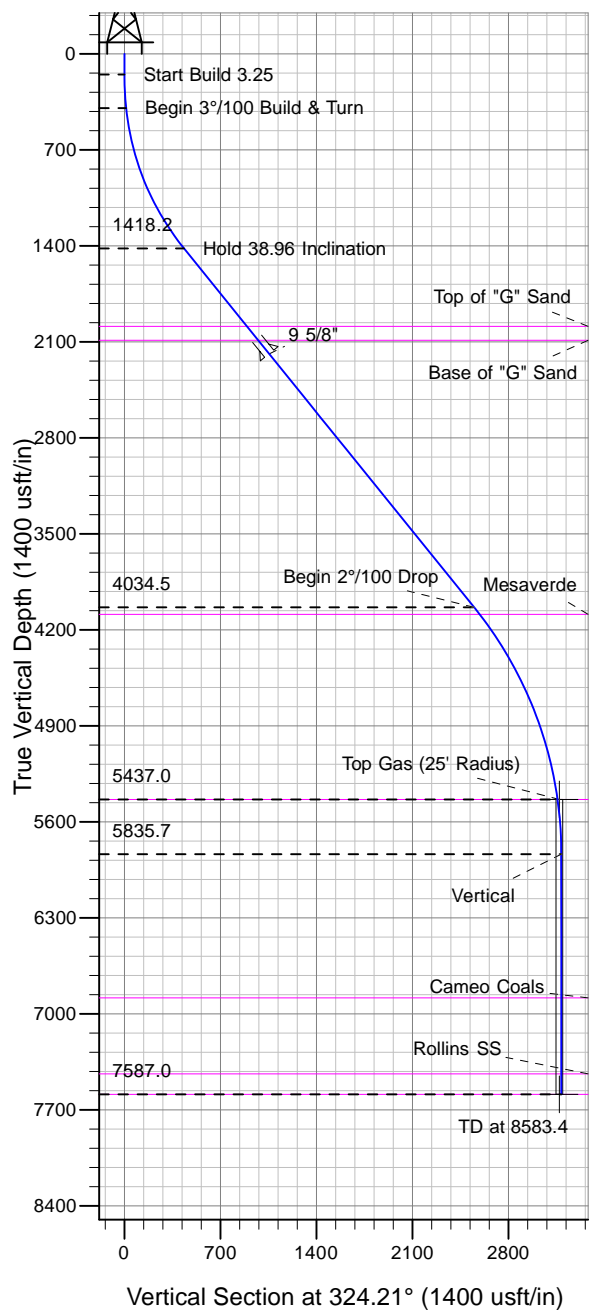




Well Name: PA 312-29  
 Surface Location: DOE 3-W-29 Pad  
 North American Datum 1983, US State Plane 1983, Colorado Central Zone  
 Ground Elevation: 5676.0  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.0 0.0 1613235.20 2287980.30 39° 29' 23.853 N 108° 1' 23.544 W A8  
 WELL @ 5702.0usft (Nabors 577 (26') kjs)



Project: PA 29-06S-095W  
 Site: DOE 3-W-29 Pad  
 Well: PA 312-29  
 Plan #1 05Feb09 kjs

**T** Azimuths to True North  
**M** Magnetic North: 10.67°  
 Magnetic Field  
 Strength: 52485.8snT  
 Dip Angle: 65.79°  
 Date: 2/3/2009  
 Model: IGRF2010

ANNOTATIONS									
TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation	
150.0	150.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.25	
395.4	396.2	8.00	8.00	17.0	2.4	12.4	17.2	Begin 3°/100 Build & Turn	
1418.2	1519.7	38.96	322.96	387.1	-205.5	434.2	446.9	Hold 38.96 Inclination	
4034.5	4884.2	38.96	322.96	2075.7	-1479.7	2549.1	2562.2	Begin 2°/100 Drop	
5437.0	6432.1	8.00	322.97	2562.0	-1846.6	3158.1	3171.4	Top Gas	
5835.7	6832.1	0.00	0.00	2584.3	-1863.4	3186.0	3199.3	Vertical	
7587.0	8583.4	0.00	0.00	2584.3	-1863.4	3186.0	3199.3	TD at 8583.4	