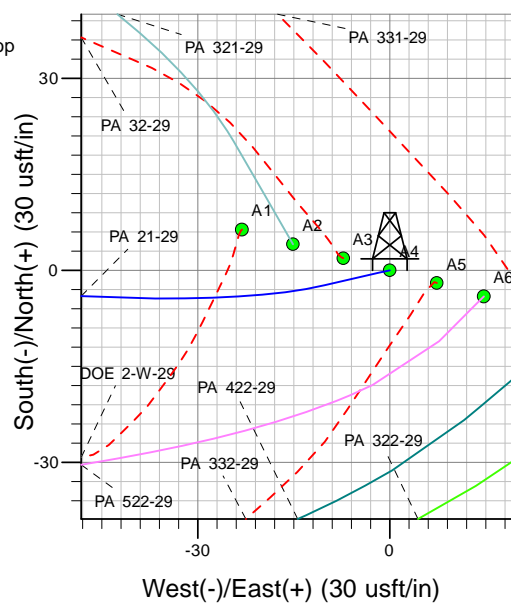
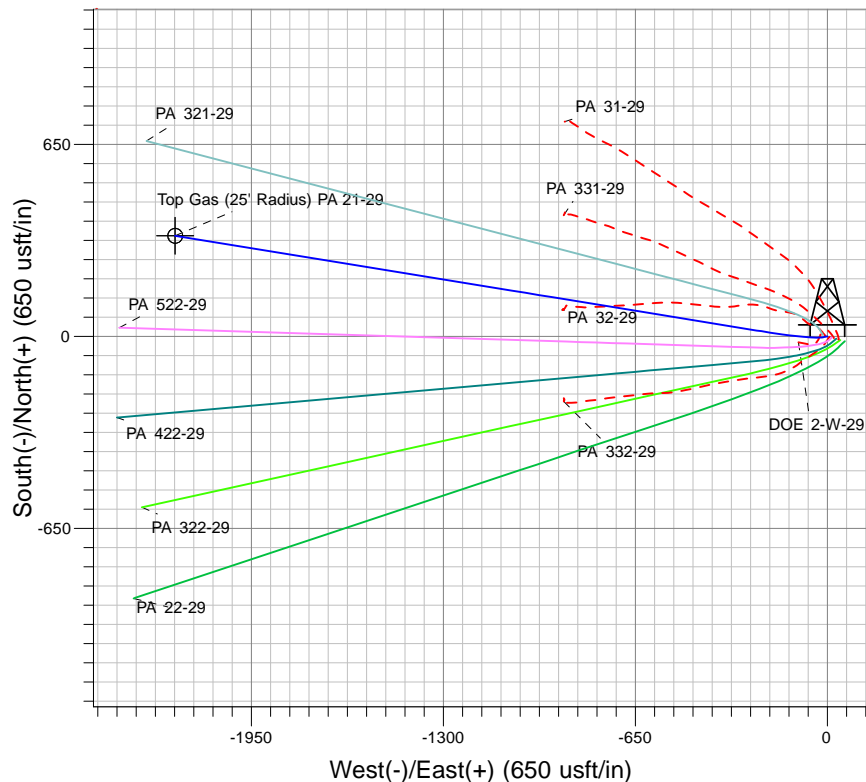
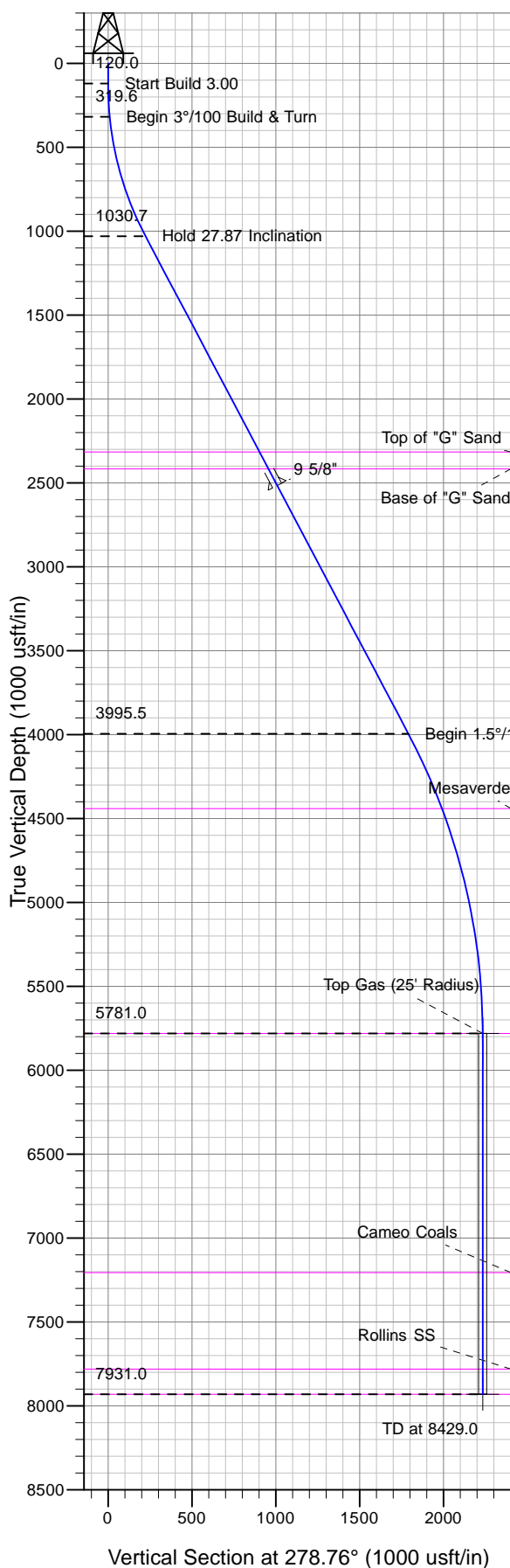




Well Name: PA 21-29
Surface Location: DOE 2-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5895.0
+N/-S +E/-W Northing Easting Latitude Longitude Slat
0.0 0.0 1616103.00 2290025.10 39° 29' 52.747 N 108° 0' 58.484 W A4
Corrected Elev. @ 5916.0usft (Cyclone 17 (21' KB) kjs)



Project: PA 29-06S-095W
Site: DOE 2-W-29 Pad
Well: PA 21-29
Plan #2 08Jan10 kjs

Azimuths to True North
Magnetic North: 10.57°
Magnetic Field
Strength: 52459.6snT
Dip Angle: 65.80°
Date: 8/20/2009
Model: IGRF2005-10

ANNOTATIONS

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 3.00
319.6	320.0	6.00	257.00	-2.4	-10.2	9.7	10.5	Begin 3°/100 Build & Turn
1030.7	1067.4	27.87	279.24	17.2	-223.4	223.4	225.2	Hold 27.87 Inclination
3995.5	4421.1	27.87	279.24	269.0	-1770.7	1791.0	1792.9	Begin 1.5°/100 Drop
5781.0	6279.0	0.00	0.00	340.2	-2208.0	2234.0	2235.9	Top Gas
7931.0	8429.0	0.00	0.00	340.2	-2208.0	2234.0	2235.9	TD at 8429.0