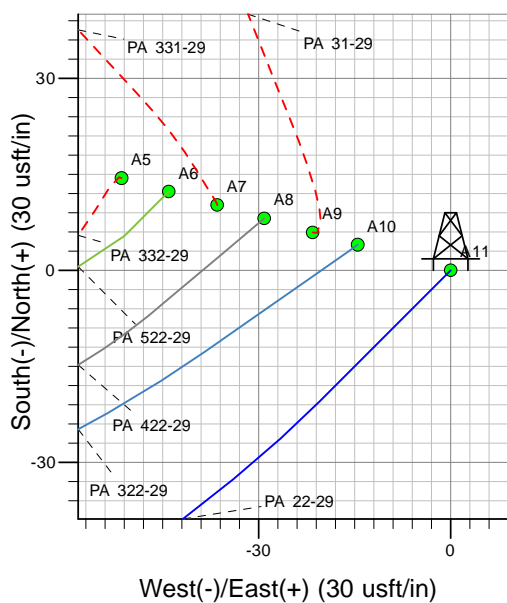
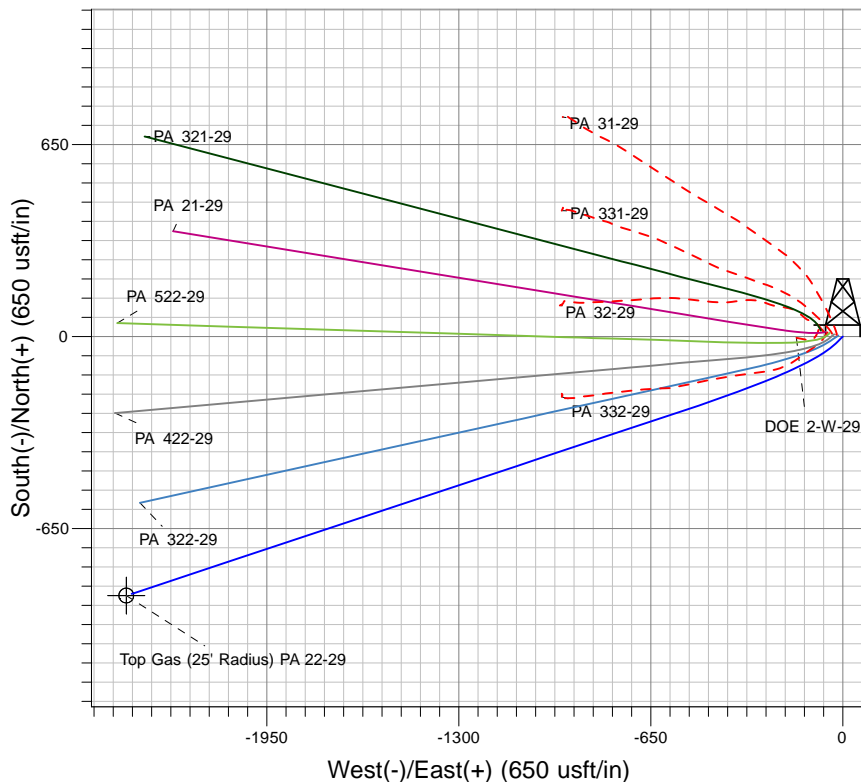
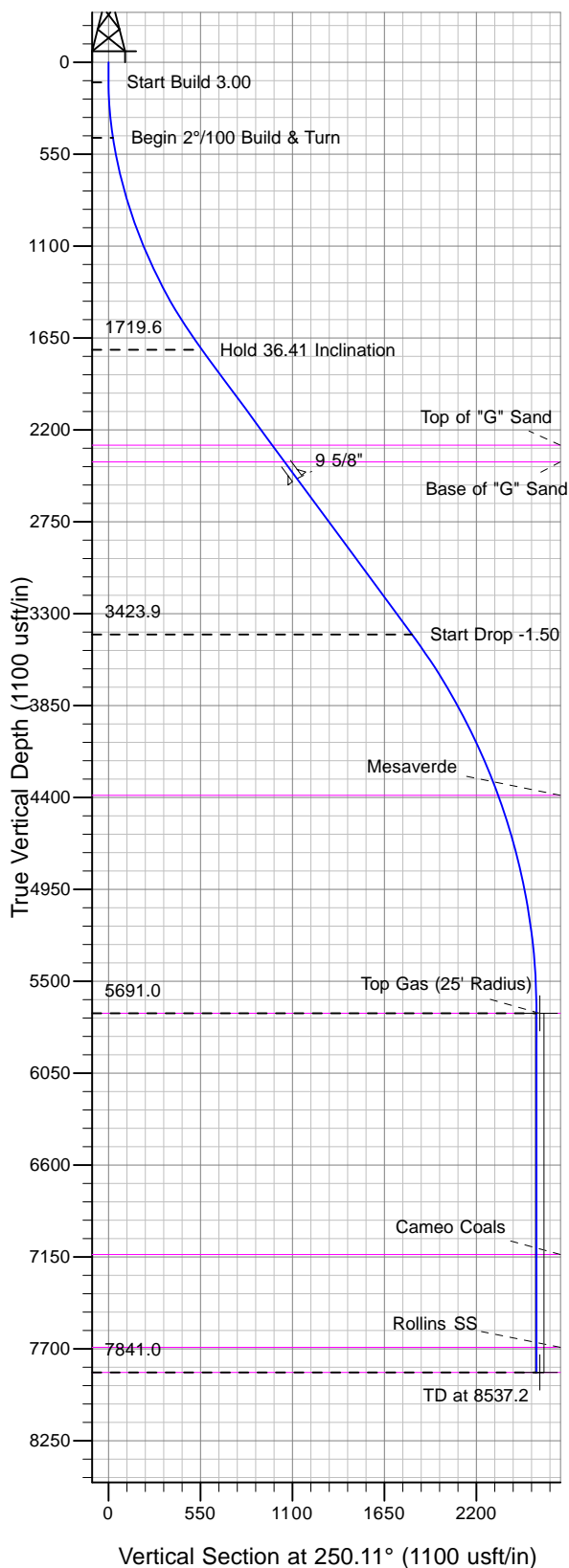




Well Name: PA 22-29
Surface Location: DOE 2-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5895.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1616085.00 2290083.40 39° 29' 52.585 N 108° 0' 57.735 W A11
Corrected Elev. @ 5916.0usft (Cyclone 17 (21' KB) kjs)



Project: PA 29-06S-095W
Site: DOE 2-W-29 Pad
Well: PA 22-29
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	0.0	Start Build 3.00
451.6	453.3	10.00	225.00	-20.5	-20.5	26.3	29.0	0.0	Begin 2°/100 Build & Turn
1719.6	1842.5	36.41	251.64	-240.0	-506.6	558.0	565.3	0.0	Hold 36.41 Inclination
3423.9	3960.1	36.41	251.64	-635.9	-1699.5	1814.4	1822.1	0.0	Start Drop -1.50
5691.0	6387.2	0.00	251.50	-870.7	-2407.1	2559.7	2567.6	0.0	Top Gas
7841.0	8537.2	0.00	251.50	-870.7	-2407.1	2559.7	2567.6	0.0	TD at 8537.2