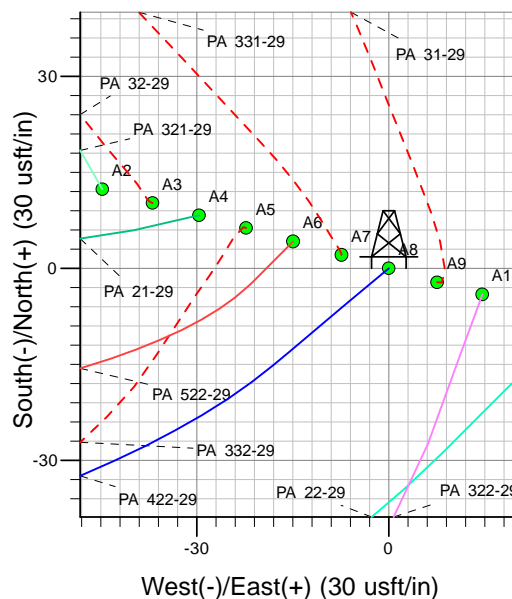
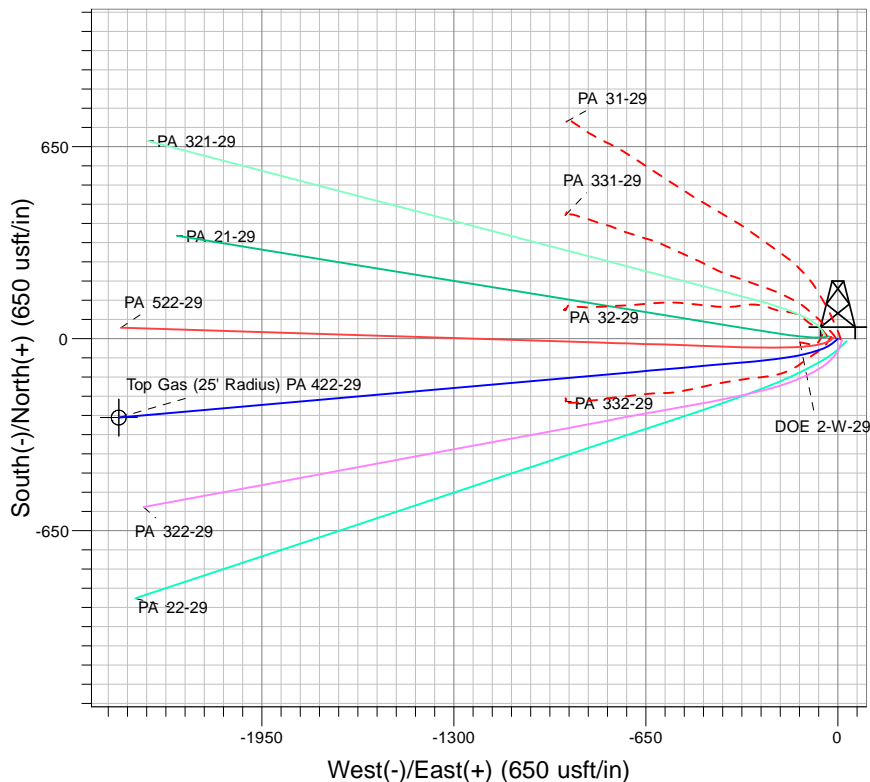
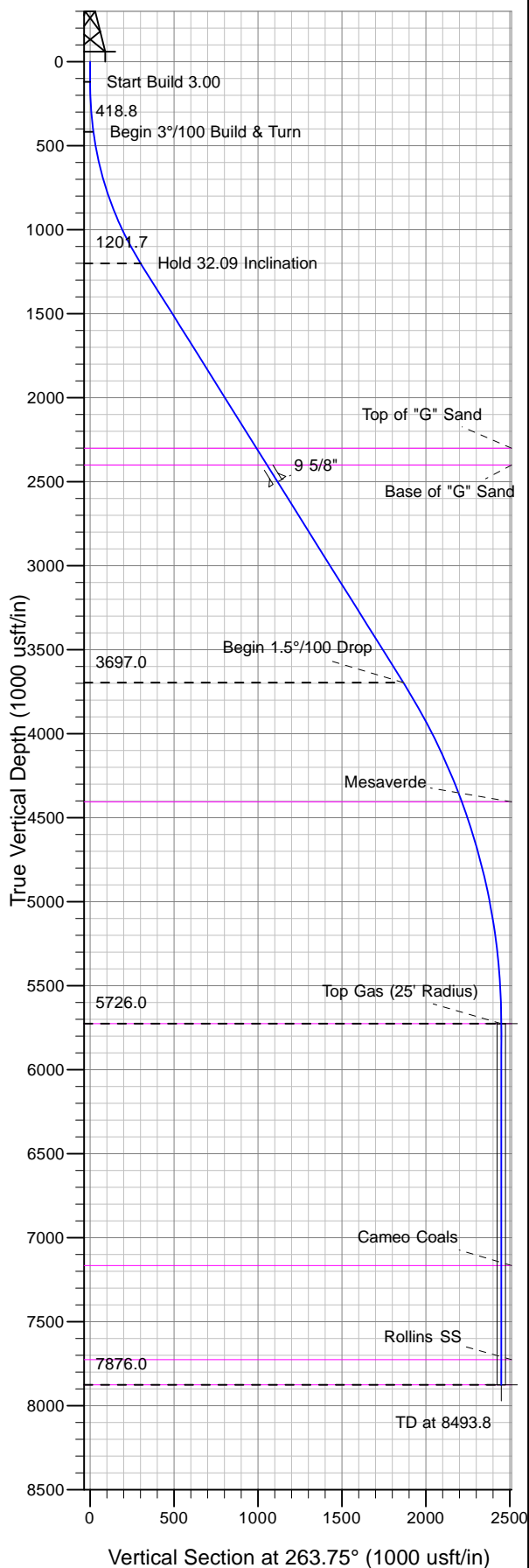




Well Name: PA 422-29
Surface Location: DOE 2-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5895.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1616093.90 2290054.50 39° 29' 52.665 N 108° 0' 58.106 W A8
Corrected Elev. @ 5916.0usft (Cyclone 17 (21' KB) kjs)



Project: PA 29-06S-095W
Site: DOE 2-W-29 Pad
Well: PA 422-29
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	Vsect	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00
418.8	420.0	9.00	230.00	-15.1	-18.0	19.6	23.5	Begin 3°/100 Build & Turn
1201.7	1259.6	32.09	264.96	-77.9	-294.9	301.7	310.2	Hold 32.09 Inclination
3697.0	4204.7	32.09	264.96	-215.5	-1853.3	1865.8	1874.7	Begin 1.5°/100 Drop
5726.0	6343.8	0.00	0.00	-266.8	-2434.5	2449.1	2458.2	Top Gas
7876.0	8493.8	0.00	0.00	-266.8	-2434.5	2449.1	2458.2	TD at 8493.8