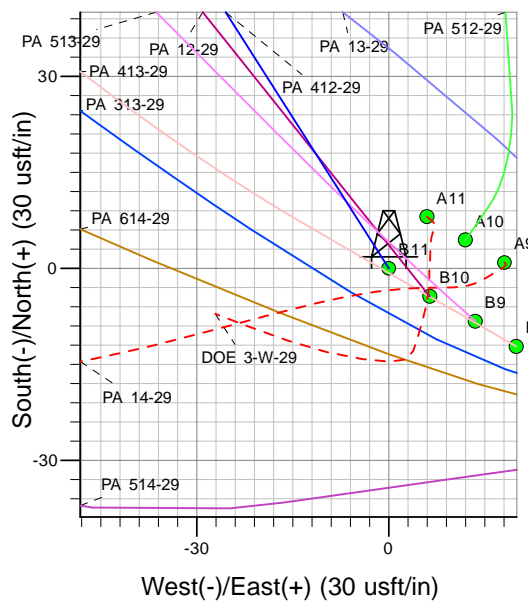
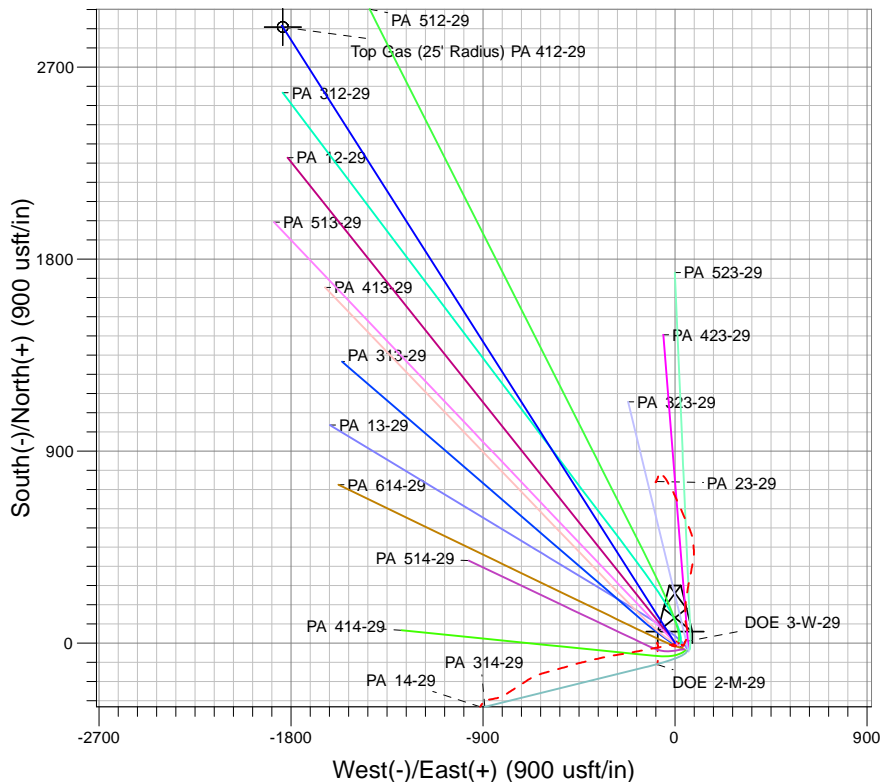
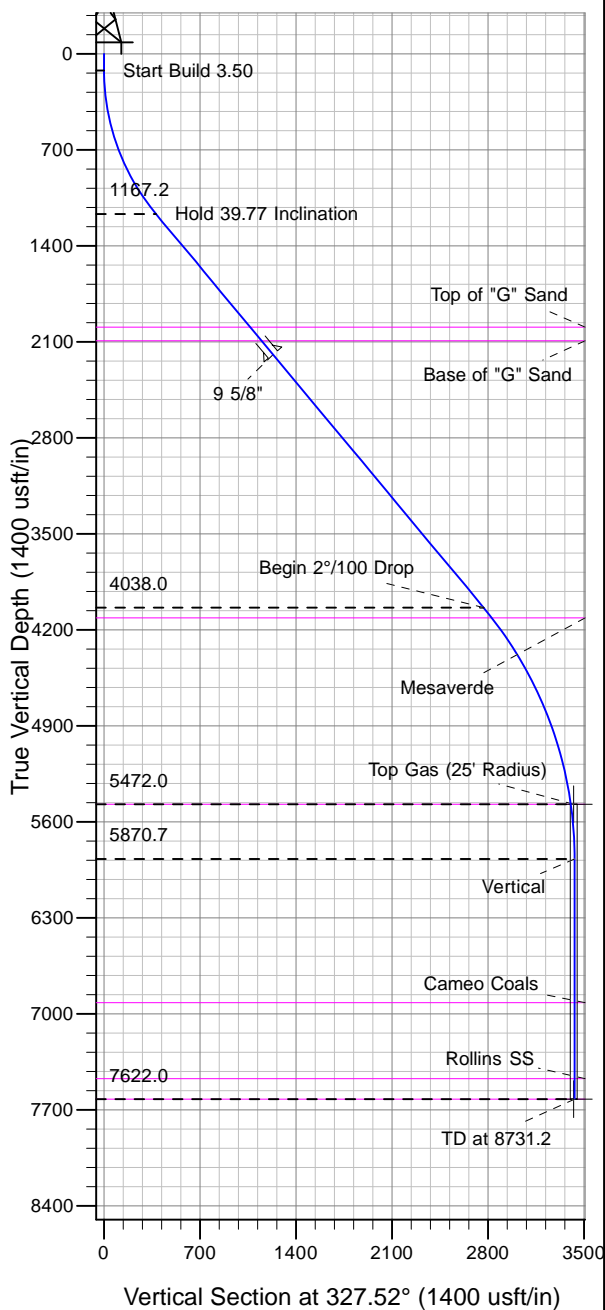




Well Name: PA 412-29
Surface Location: DOE 3-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5676.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1613239.10 2287956.00 39° 29' 23.885 N 108° 1' 23.856 W B11
WELL @ 5702.0usft (Nabors 577 (26') kjs)



Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 412-29
Plan #2 26Jan10 kjs

M Azimuths to True North
Magnetic North: 10.67°
Magnetic Field
Strength: 52485.7snT
Dip Angle: 65.79°
Date: 2/3/2009
Model: IGRF2010

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 3.50
1167.2	1256.3	39.77	327.52	319.6	-203.4	378.8	378.8	Hold 39.77 Inclination
4038.0	4991.4	39.77	327.52	2335.3	-1486.4	2768.2	2768.2	Begin 2°/100 Drop
5472.0	6580.0	8.00	327.37	2870.9	-1827.6	3403.2	3403.2	Top Gas
5870.7	6980.0	0.00	0.00	2894.3	-1842.6	3431.1	3431.1	Vertical
7622.0	8731.2	0.00	0.00	2894.3	-1842.6	3431.1	3431.1	TD at 8731.2