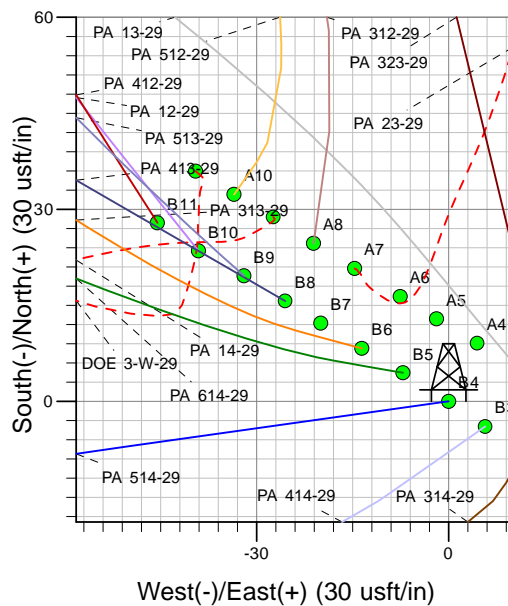
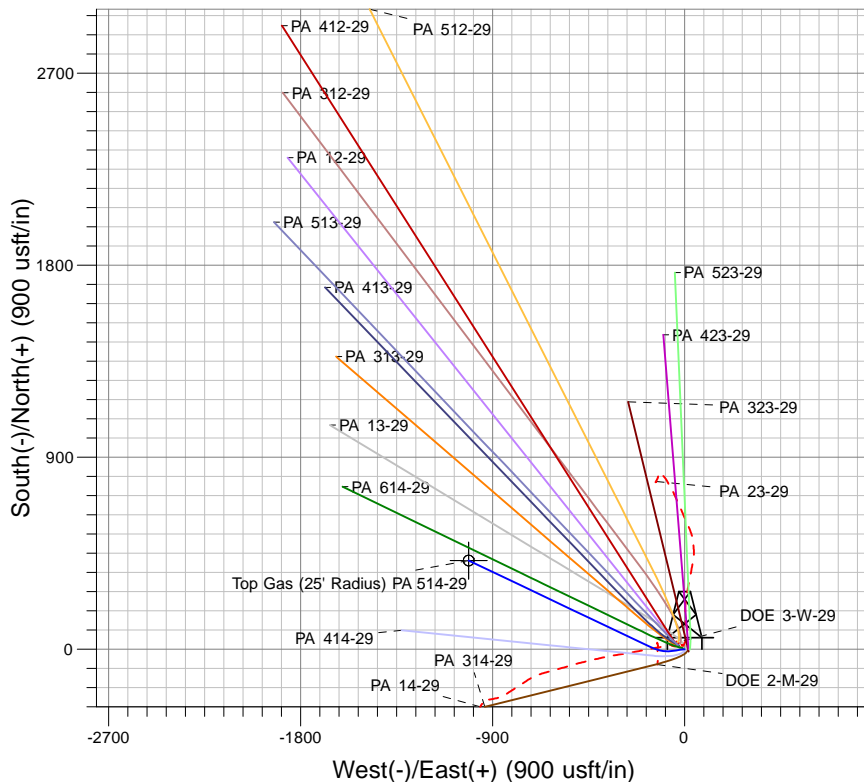
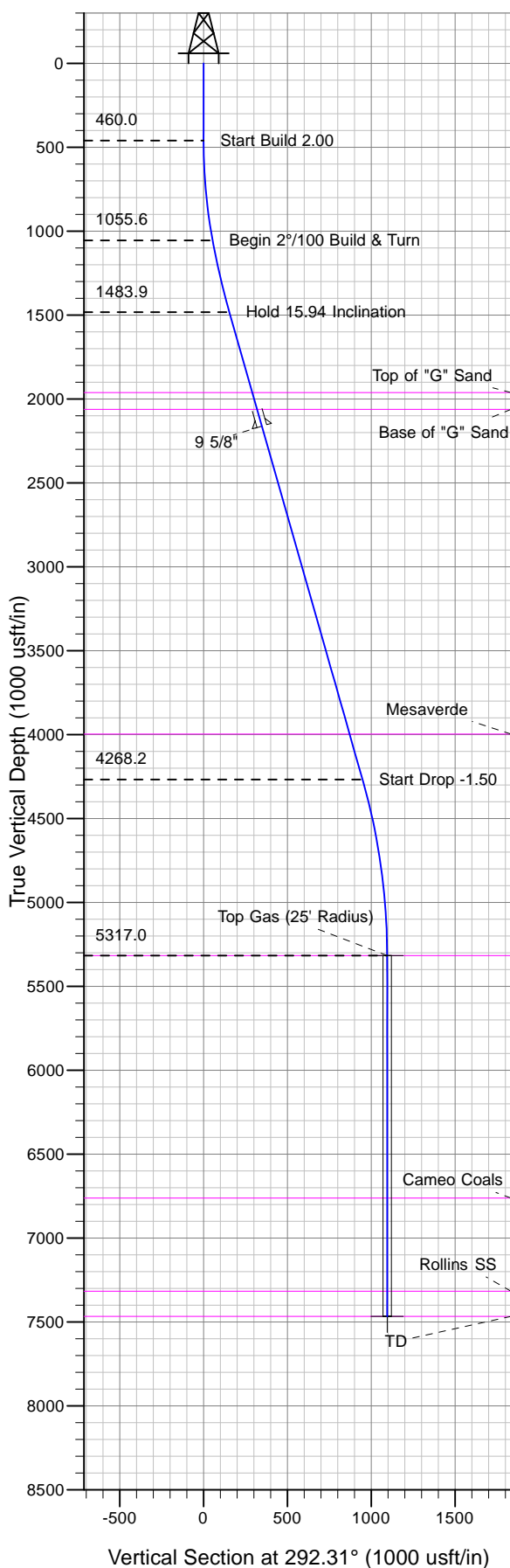




Well Name: PA 514-29
Surface Location: DOE 3-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5676.0
+N/-S +E/-W Northing Easting Latitude Longitude Slat
0.0 0.0 1613209.96 2288000.72 39° 29' 23.610 N 108° 1' 23.275 W B4
WELL @ 5702.0usft (Nabors 577 (26') kjs)



Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 514-29
Plan #2 30Mar10 kjs

M Azimuths to True North
Magnetic North: 10.66°
Magnetic Field
Strength: 52485.2snT
Dip Angle: 65.79°
Date: 2/5/2009
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
460.0	460.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 2.00
1055.6	1060.0	12.00	262.00	-8.7	-62.0	54.0	62.6	Begin 2°/100 Build & Turn
1483.9	1500.7	15.94	295.44	10.9	-162.2	154.2	166.3	Hold 15.94 Inclination
4268.2	4396.3	15.94	295.44	352.5	-880.1	948.1	961.4	Start Drop -1.50
5317.0	5458.8	0.00	0.00	415.6	-1012.7	1094.7	1108.2	Top Gas
7467.0	7608.8	0.00	0.00	415.6	-1012.7	1094.7	1108.2	TD at 7608.8