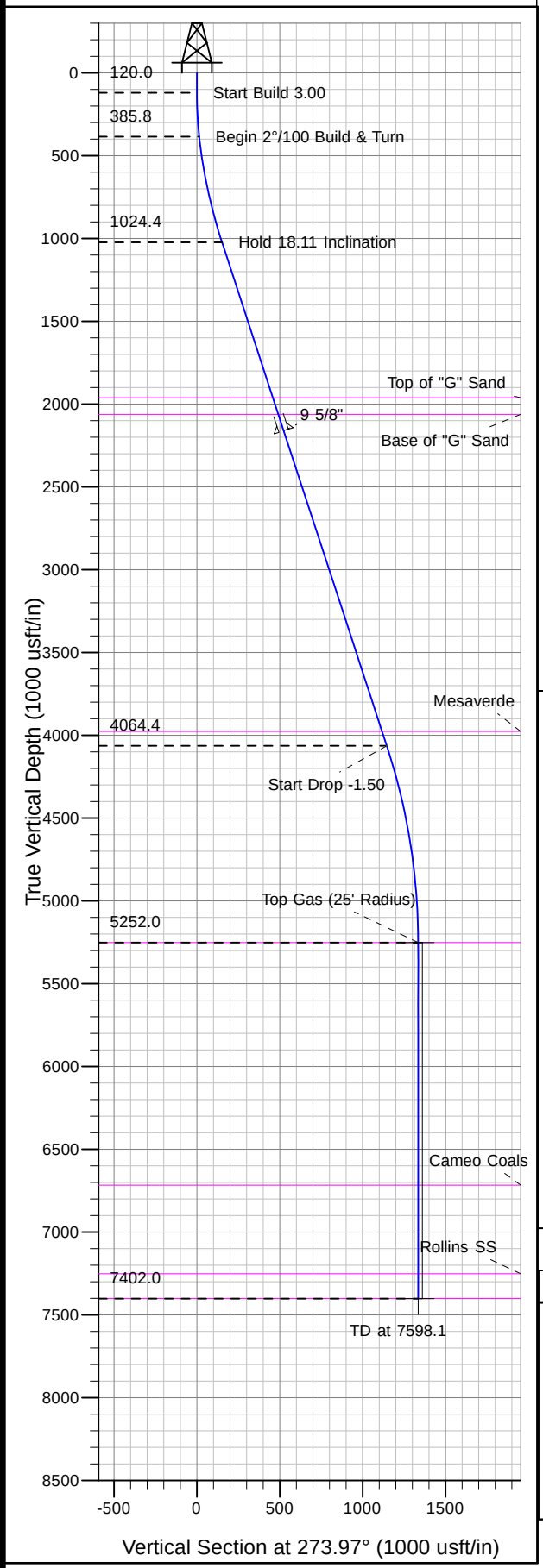
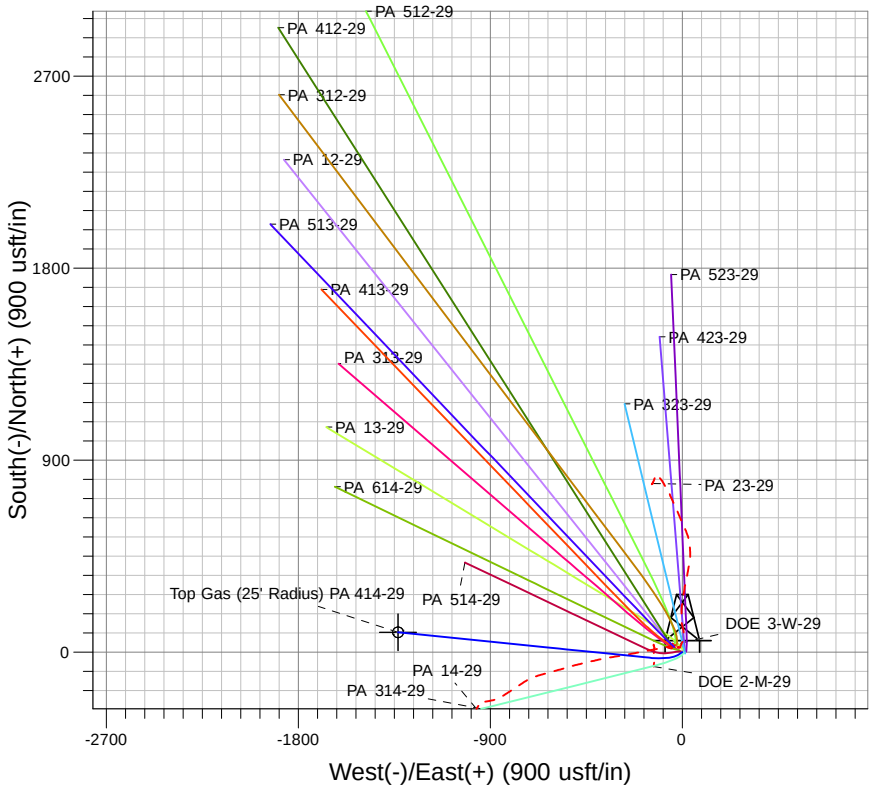
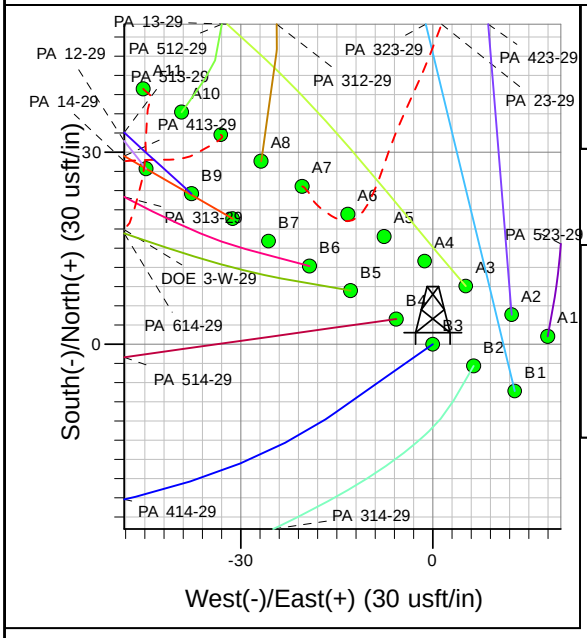
Well Name: PA 414-29
Surface Location: DOE 3-W-29 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5676.0

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1613205.87	2288006.30	39° 29' 23.571 N	108° 1' 23.202 W	B3

WELL @ 5702.0usft (Nabors 577 (26') kjs)







Project: PA 29-06S-095W
Site: DOE 3-W-29 Pad
Well: PA 414-29
Plan #1 05Feb09 kjs

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 3.00
385.8	386.7	8.00	235.00	-10.7	-15.2	14.5	18.6	Begin 2°/100 Build & Turn
1024.4	1041.9	18.11	275.77	-26.6	-154.5	152.3	161.4	Hold 18.11 Inclination
4064.4	4240.4	18.11	275.77	73.4	-1144.0	1146.3	1155.9	Start Drop -1.50
5252.0	5448.1	0.00	0.00	92.5	-1332.3	1335.5	1345.2	Top Gas
7402.0	7598.1	0.00	0.00	92.5	-1332.3	1335.5	1345.2	TD at 7598.1