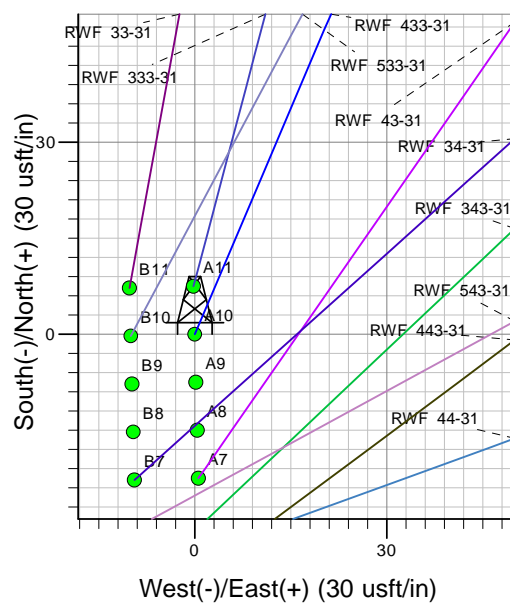
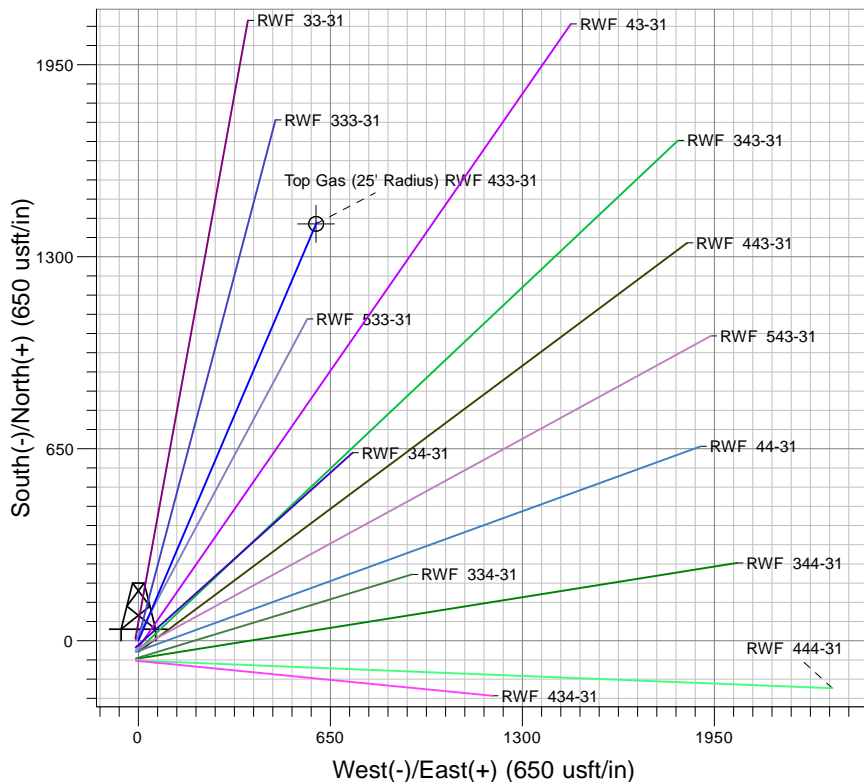
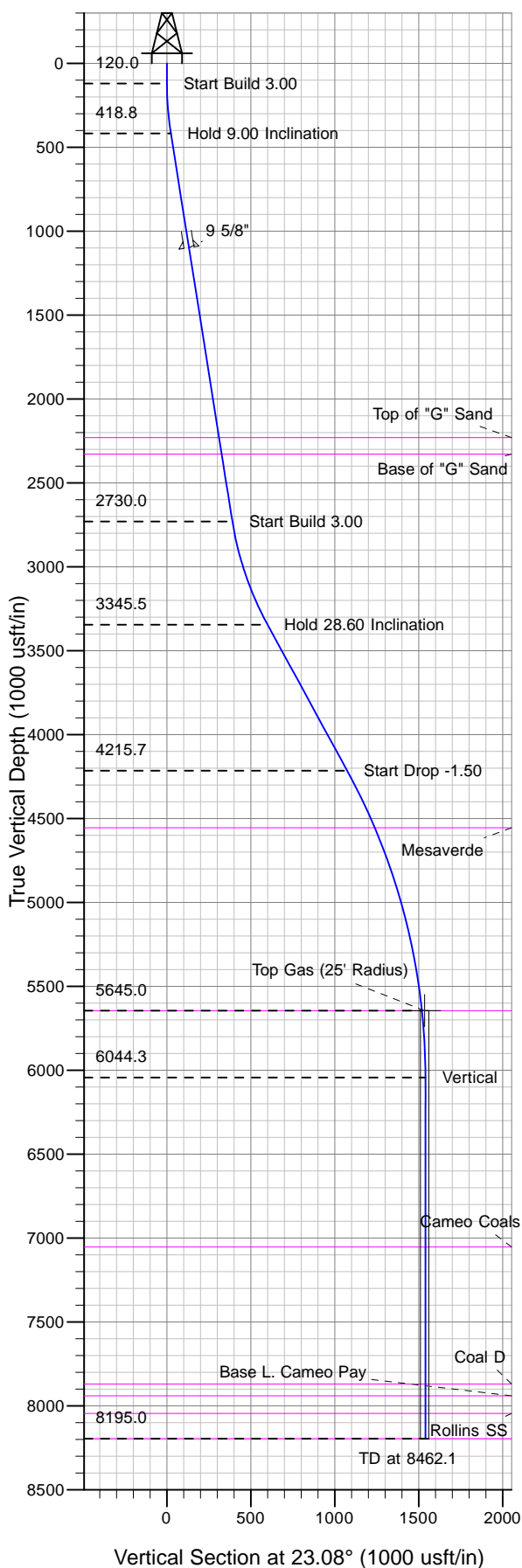




Well Name: RWF 433-31
Surface Location: RWF 34-31 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 5707.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1607171.89 2314329.21 39° 28' 31.046 N 107° 55' 45.495 W A10
WELL @ 5733.0usft (SSD 573 (26' KB) kjs)



Project: RU 31-06S-094W
Site: RWF 34-31 Pad
Well: RWF 433-31
Design #1 18Feb10 kjs



Azimuths to True North
Magnetic North: 10.49°
Magnetic Field
Strength: 52383.1nT
Dip Angle: 65.77°
Date: 2/18/2010
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
418.8	420.0	9.00	23.06	21.6	9.2	23.5	23.5	Hold 9.00 Inclination
2730.0	2760.0	9.00	23.06	358.4	152.6	389.6	389.6	Start Build 3.00
3345.5	3413.4	28.60	23.09	551.2	234.8	599.1	599.1	Hold 28.60 Inclination
4215.7	4404.6	28.60	23.09	987.7	420.9	1073.6	1073.6	Start Drop -1.50
5645.0	5911.3	6.00	23.09	1397.2	595.5	1518.8	1518.8	Top Gas
6044.3	6311.3	0.00	0.00	1416.4	603.7	1539.7	1539.7	Vertical
8195.0	8462.1	0.00	0.00	1416.4	603.7	1539.7	1539.7	TD at 8462.1