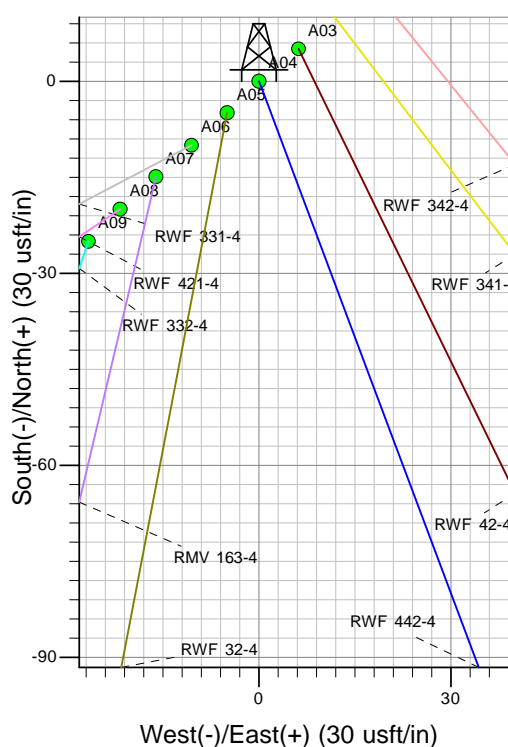
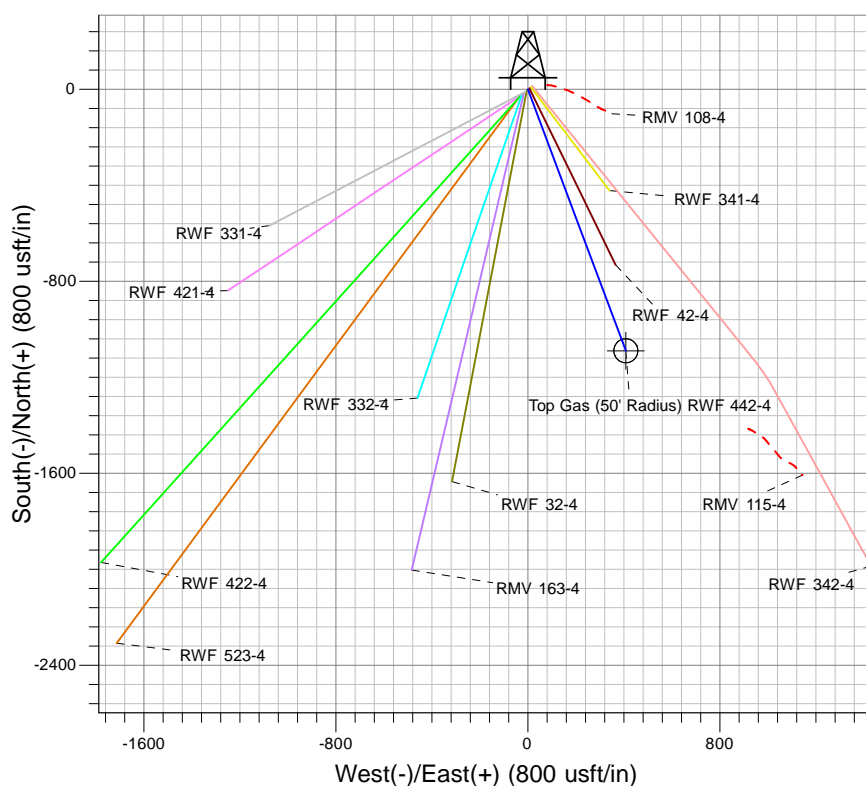
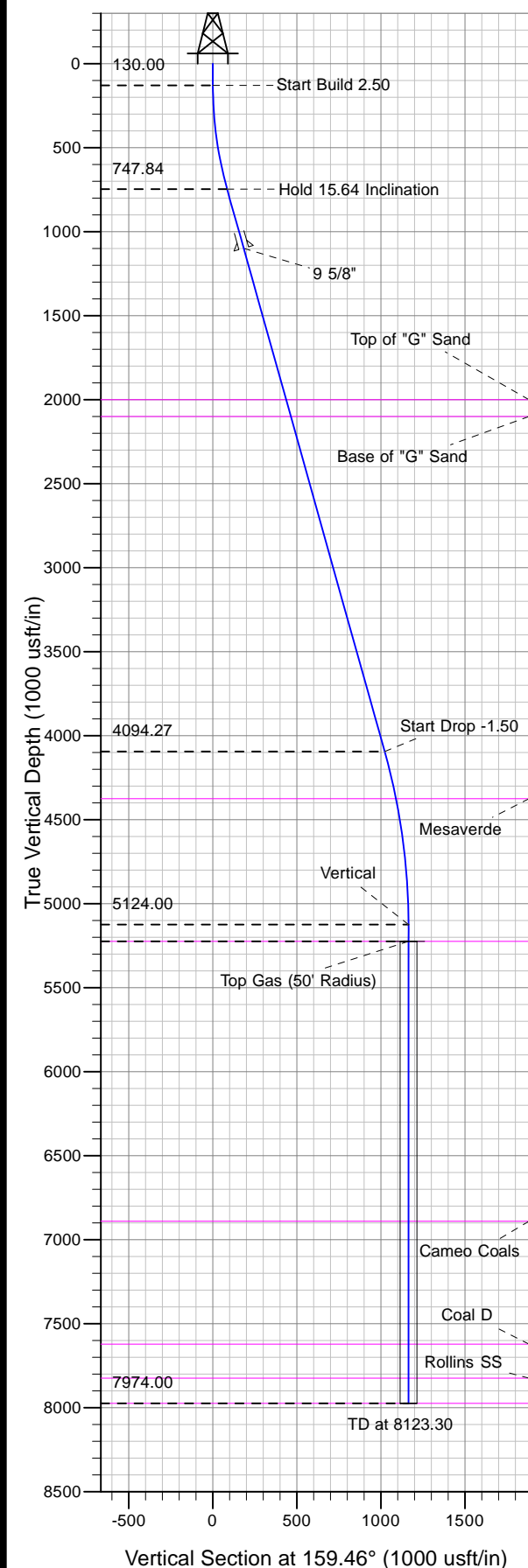




Well Name: RWF 442-4
Surface Location: RMV 108-4 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 5794.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1606152.10	2325699.10	39.47332	-107.88894	A04

KELLY BUSHING @ 5820.00usft (Nabors 576 (26' RKB) kjs)



Project: RU 04-07S-094W
Site: RMV 108-4 Pad
Well: RWF 442-4
Design #1 11Apr13 kjs



Azimuths to True North
Magnetic North: 10.03°
Magnetic Field
Strength: 52108.6snT
Dip Angle: 65.71°
Date: 4/11/2013
Model: IGRF2005-10

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
130.00	0.00	0.00	130.00	0.00	0.00	0.00	0.00	Start Build 2.50
755.58	15.64	159.46	747.84	-79.46	29.77	84.85	84.85	Hold 15.64 Inclination
4230.67	15.64	159.46	4094.27	-956.72	358.47	1021.68	1021.68	Start Drop -1.50
5273.30	0.00	0.00	5124.00	-1089.15	408.09	1163.09	1163.09	Vertical
5373.30	0.00	0.00	5224.00	-1089.15	408.09	1163.09	1163.09	Top Gas
8123.30	0.00	0.00	7974.00	-1089.15	408.09	1163.09	1163.09	TD at 8123.30