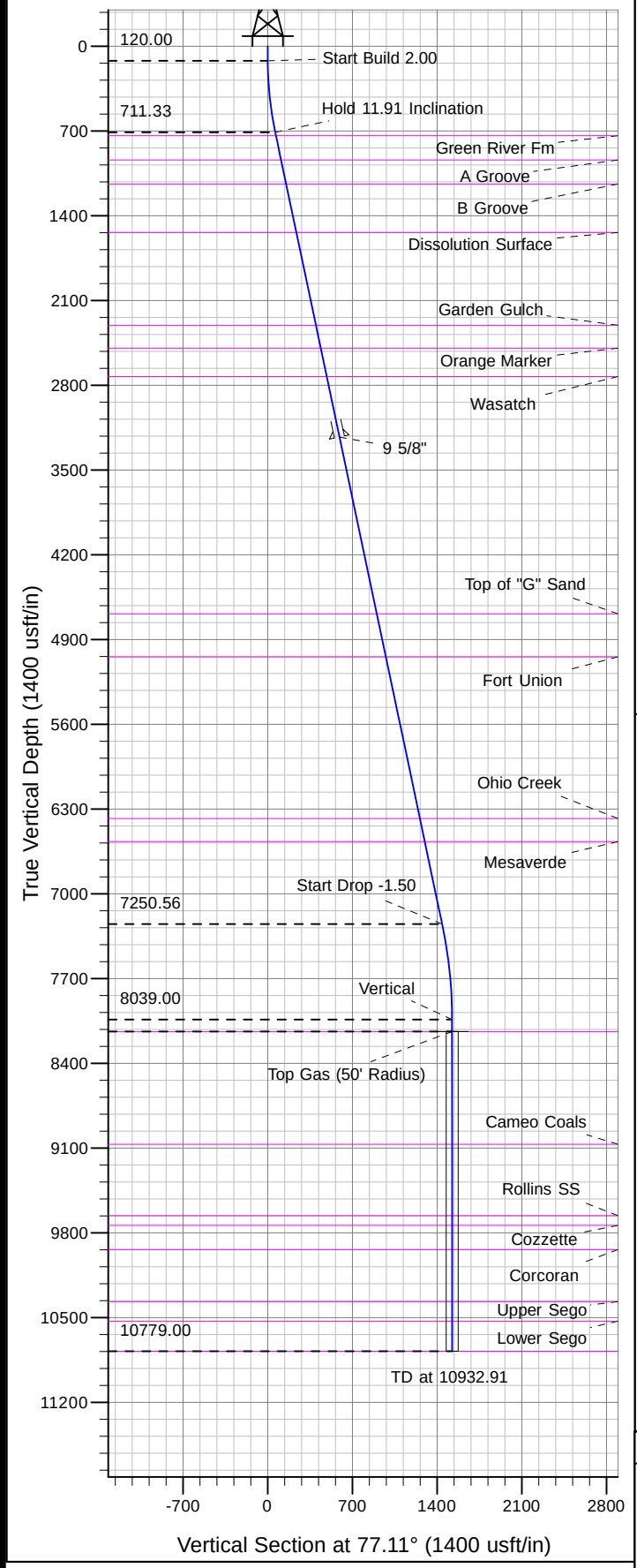
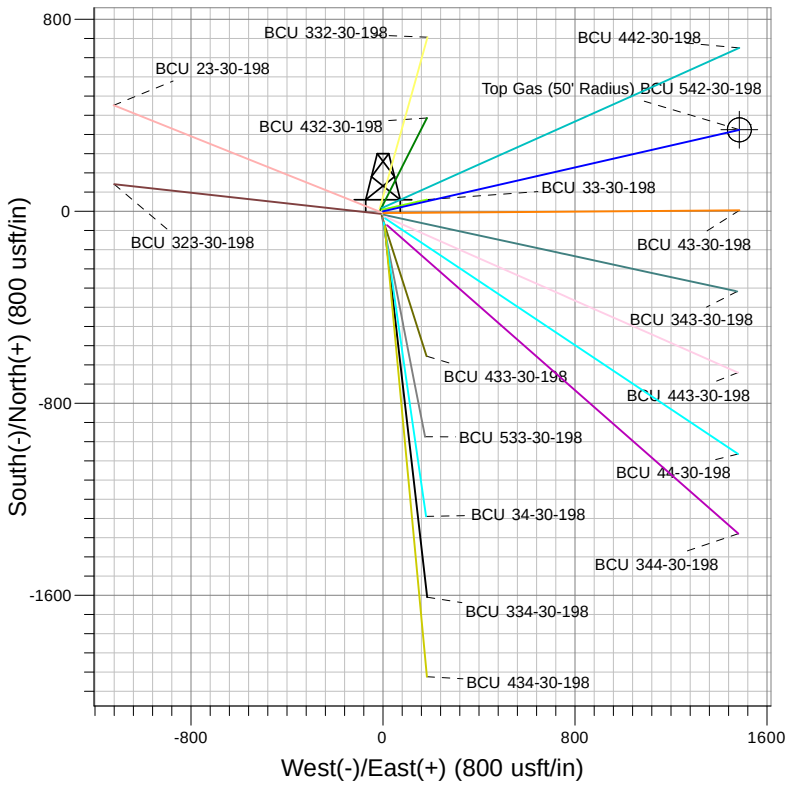
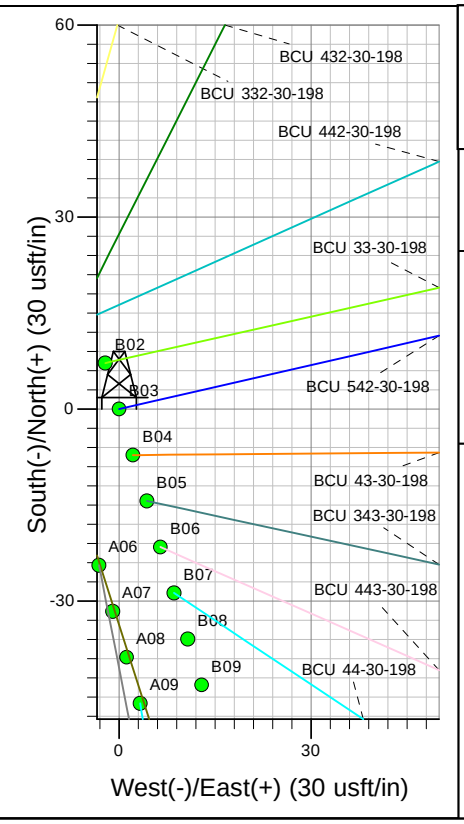
Well Name: BCU 542-30-198
Surface Location: BCU 33-30-198 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6738.00

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.00	0.00	1811443.80	2178816.90	40.02484	-108.43247	B03

KELLY BUSHING @ 6759.00usft (Cyclone 29 (21' RKB) kjs)







Project: BC 30-01N-098W
Site: BCU 33-30-198 Pad
Well: BCU 542-30-198
Design #1 09May13 kjs

Azimuths to True North
Magnetic North: 10.37°

Magnetic Field
Strength: 52282.0snT
Dip Angle: 66.04°
Date: 5/9/2013
Model: IGRF2010

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
711.33	715.61	11.91	77.11	13.76	60.14	61.69	61.69	Hold 11.91 Inclination
7250.56	7398.76	11.91	77.11	321.48	1404.87	1441.19	1441.19	Start Drop -1.50
8039.00	8192.91	0.00	0.00	339.83	1485.06	1523.45	1523.45	Vertical
8139.00	8292.91	0.00	0.00	339.83	1485.06	1523.45	1523.45	Top Gas
10779.00	10932.91	0.00	0.00	339.83	1485.06	1523.45	1523.45	TD at 10932.91