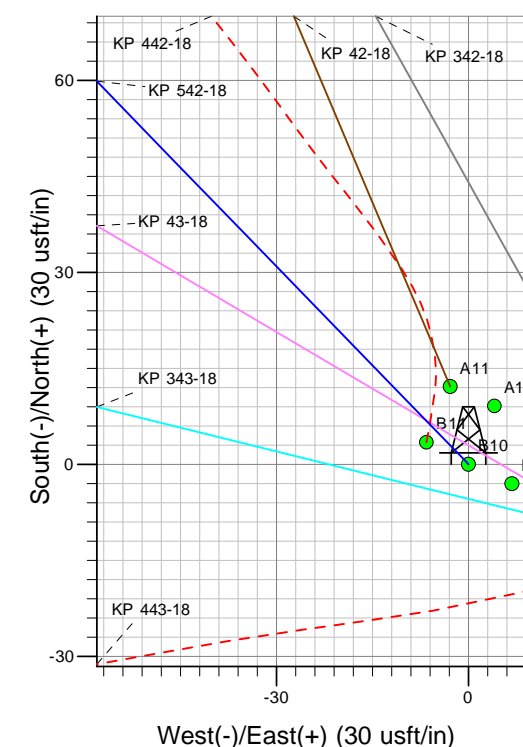
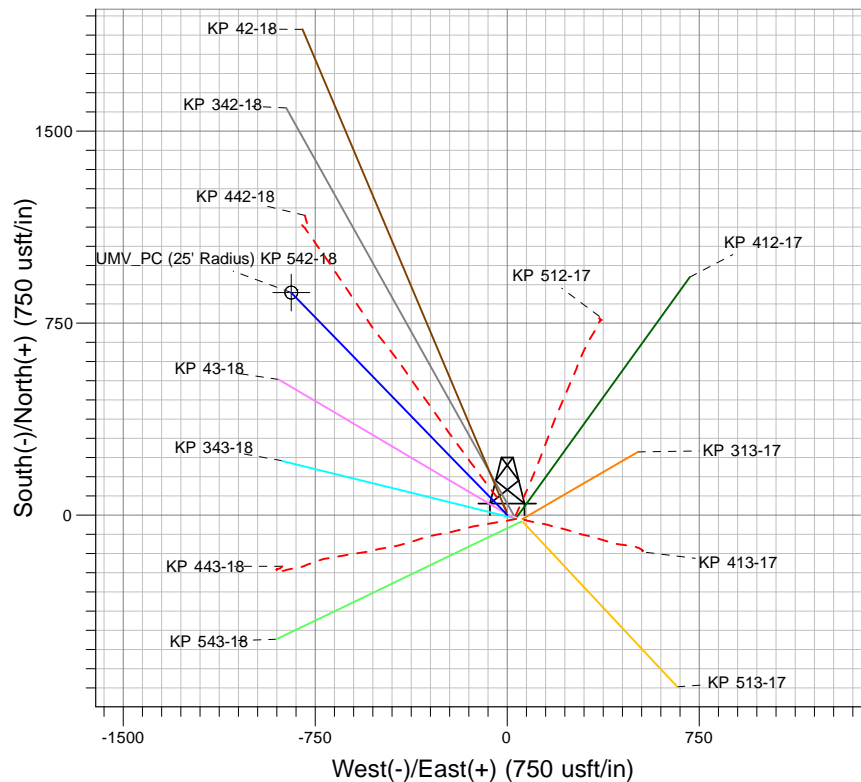
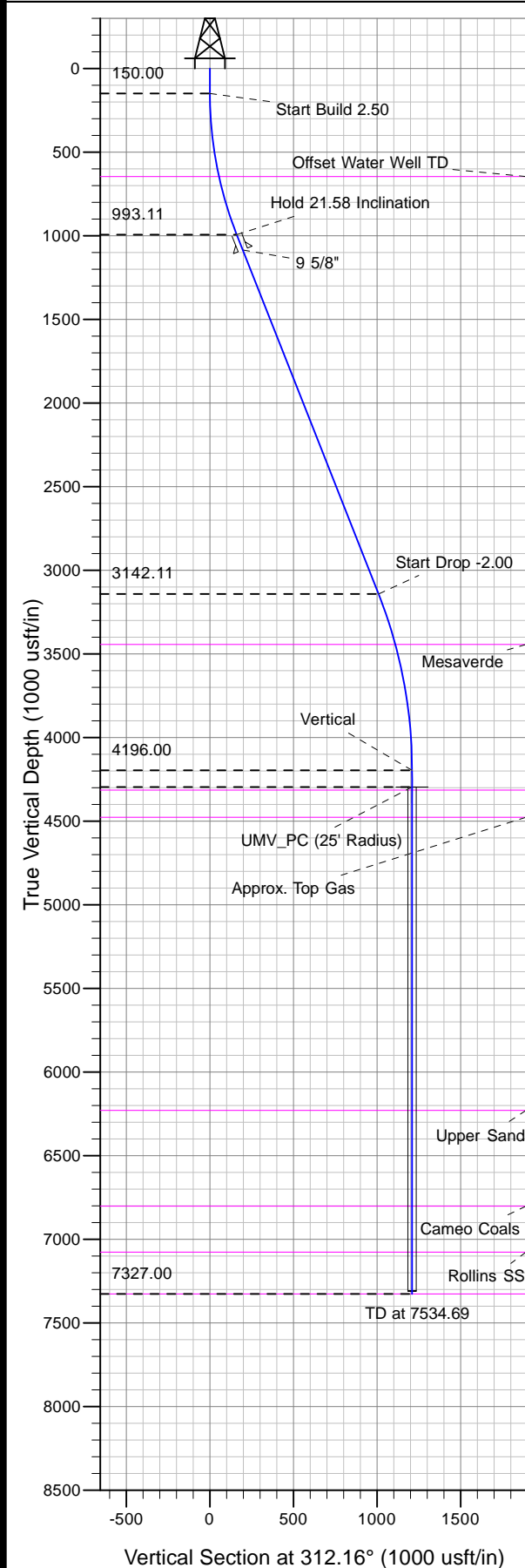




Well Name: KP 542-18
Surface Location: KP 13-17 Pad
North American Datum 1983 , US State Plane 1983, Colorado Central Zone
Ground Elevation: 6202.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1623245.49	2411303.01	39° 31' 33.684 N	107° 35' 13.808 W	B10

KELLY BUSHING @ 6228.00usft (Nabors 573)



Project: Sec. 17-T6S-R91W
Site: KP 13-17 Pad
Well: KP 542-18
Design #1 04Jun10 kjs

Compass rose showing True North (T) and Magnetic North (M).
Azimuths to True North
Magnetic North: 10.30°
Magnetic Field
Strength: 52422.4snT
Dip Angle: 65.87°
Date: 6/4/2010
Model: IGRF2010

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	Start Build 2.50
1013.39	21.58	315.85	993.11	115.31	-111.95	160.38	160.72	Hold 21.58 Inclination
3324.45	21.58	315.85	3142.11	725.31	-704.17	1008.80	1010.90	Start Drop -2.00
4403.69	0.00	0.00	4196.00	869.45	-844.11	1209.28	1211.80	Vertical
4503.69	0.00	0.00	4296.00	869.45	-844.11	1209.28	1211.80	UMV_PC
7534.69	0.00	0.00	7327.00	869.45	-844.11	1209.28	1211.80	TD at 7534.69