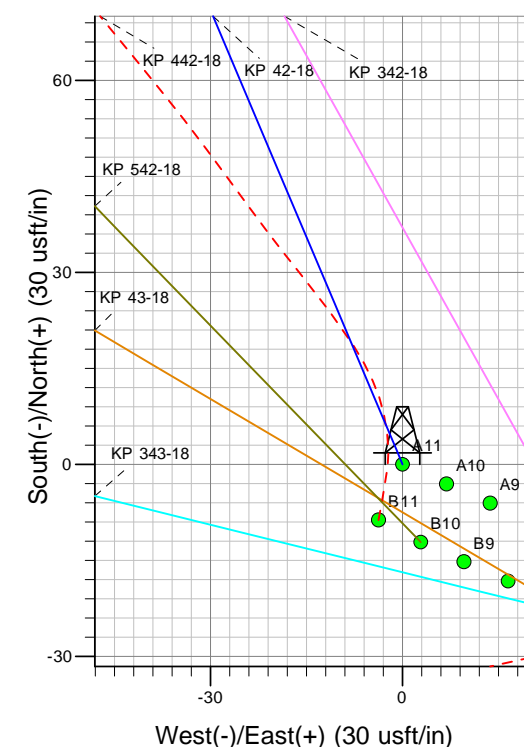
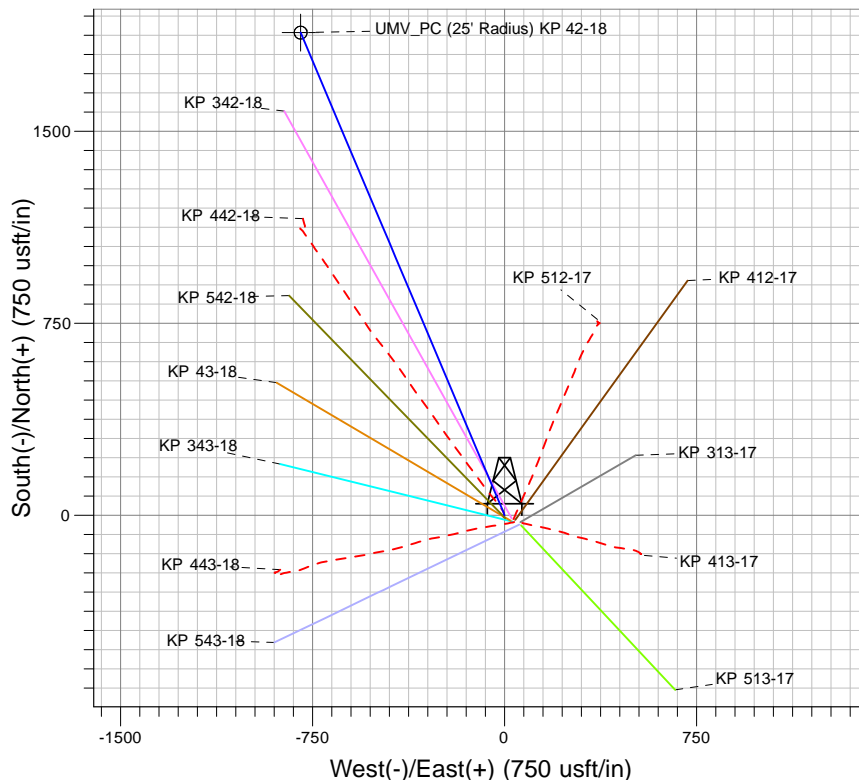
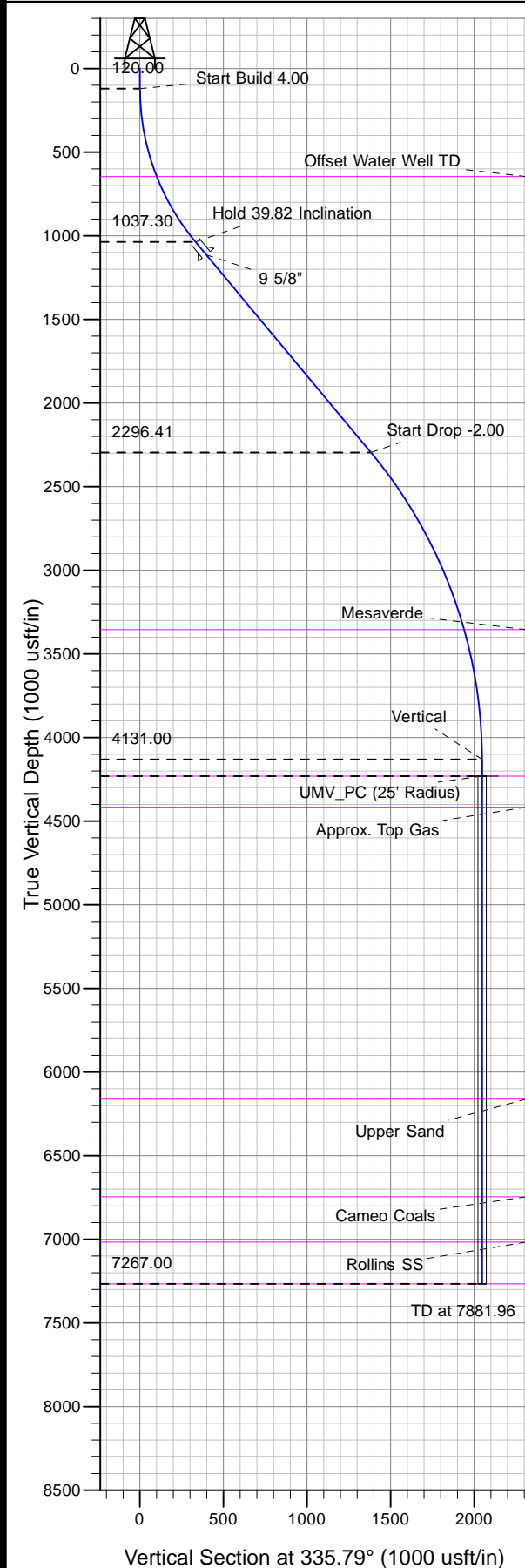




Well Name: KP 42-18
 Surface Location: KP 13-17 Pad
 North American Datum 1983 , US State Plane 1983, Colorado Central Zone
 Ground Elevation: 6202.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1623257.71	2411300.44	39° 31' 33.805 N	107° 35' 13.844 W	A11

KELLY BUSHING @ 6228.00usft (Nabors 573)



Project: Sec. 17-T6S-R91W
 Site: KP 13-17 Pad
 Well: KP 42-18
 Design #1 04Jun10 kjs

T **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
120.00	0.00	0.00	120.00	0.00	0.00	0.00	0.00	Start Build 4.00
1115.53	39.82	337.09	1037.30	306.03	-129.36	332.16	332.25	Hold 39.82 Inclination
2754.90	39.82	337.09	2296.41	1273.02	-538.13	1381.74	1382.09	Start Drop -2.00
4745.96	0.00	0.00	4131.00	1885.08	-796.86	2046.06	2046.58	Vertical
4845.96	0.00	0.00	4231.00	1885.08	-796.86	2046.06	2046.58	UMV_PC
7881.96	0.00	0.00	7267.00	1885.08	-796.86	2046.06	2046.58	TD at 7881.96