

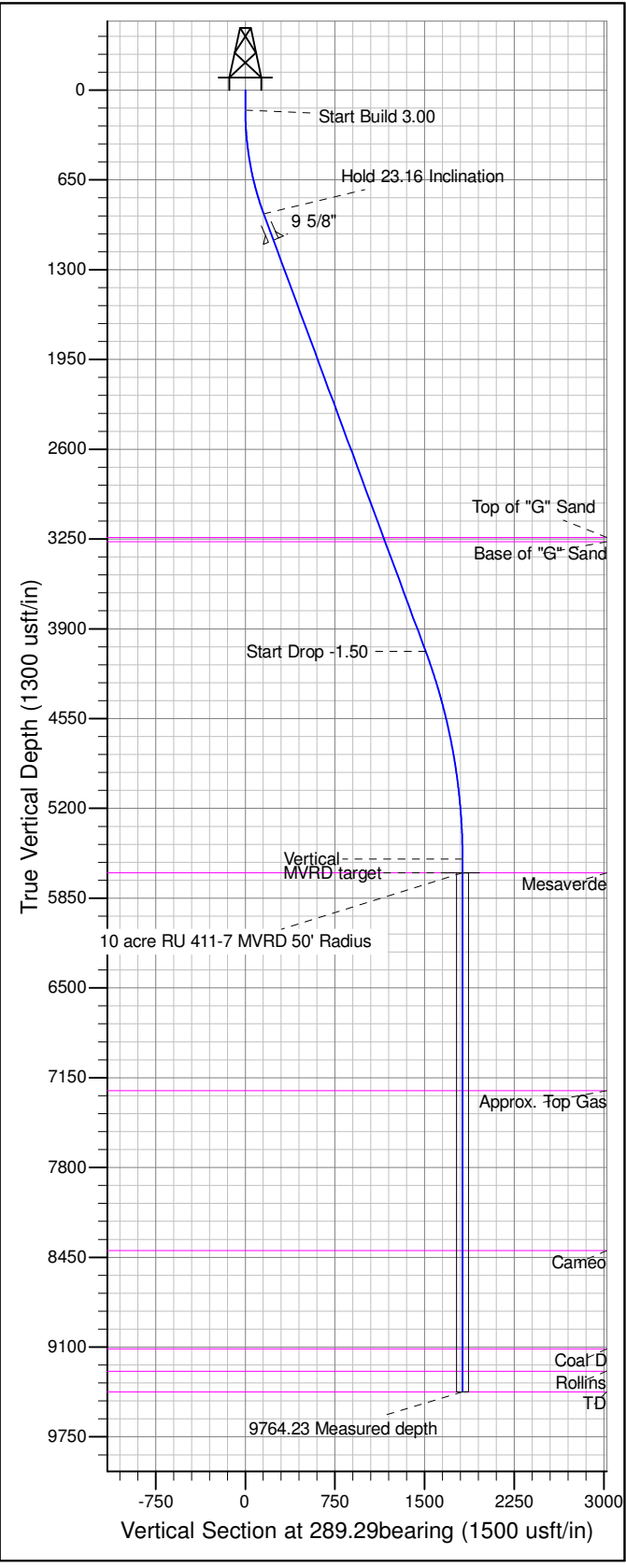


Well Name: RU 411-7
 Surface Location: RU 22-7 Pad

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 Ground Elevation: 7339.00

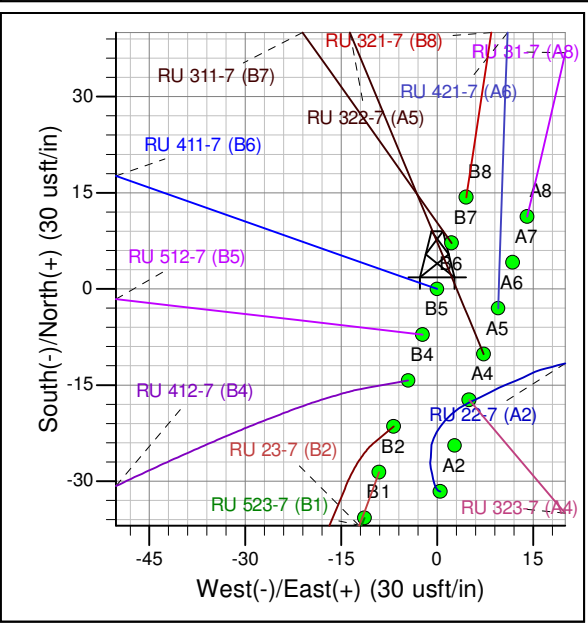
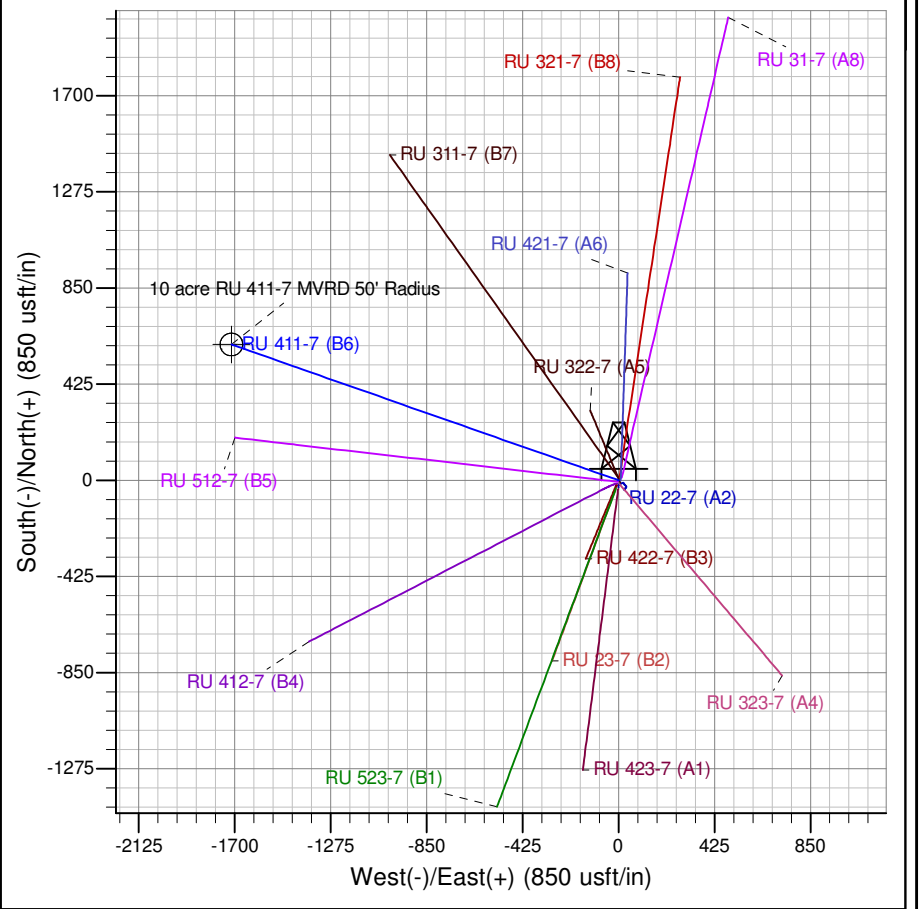
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1599705.24	2345086.31	39.457005	-107.819706	B6

KB @ 7363.00usft (HP 318)



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
145.00	145.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
896.18	917.03	23.16	289.29	50.86	-145.28	153.93	153.93	Hold 23.16 Inclination
4063.64	4362.16	23.16	289.29	498.58	-1424.21	1508.95	1508.95	Start Drop -1.50
5566.00	5906.23	0.00	0.00	600.30	-1714.77	1816.81	1816.81	Vertical
5666.00	6006.23	0.00	0.00	600.30	-1714.77	1816.81	1816.81	MVRD target
9424.00	9764.23	0.00	0.00	600.30	-1714.77	1816.81	1816.81	9764.23 Measured depth



Azimuths to True North
 Magnetic North: 9.74°
 Magnetic Field
 Strength: 51655.3snT
 Dip Angle: 65.61°
 Date: 3/28/2016
 Model: IGRF2015

Project: RU 07-07S-093W
 Site: RU 22-7 Pad
 Well: RU 411-7
 Design #2 28Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 411-7 MVRD 50' Radius	5666.00	600.30	-1714.77	1600349.10	2343387.50	39.458653	-107.825779	Circle (Radius: 50.00)

- plan hits target center