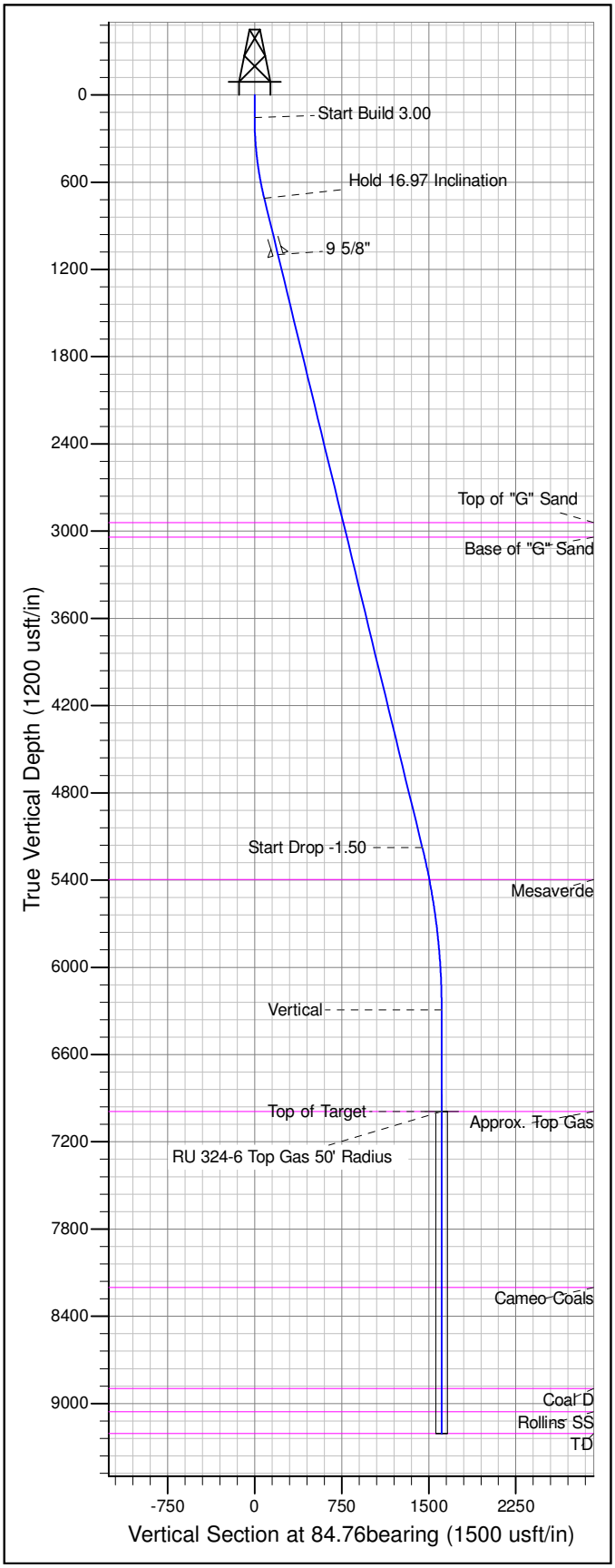
WPXENERGY

Well Name: RU 324-6
Surface Location: RU 13-6 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6985.00

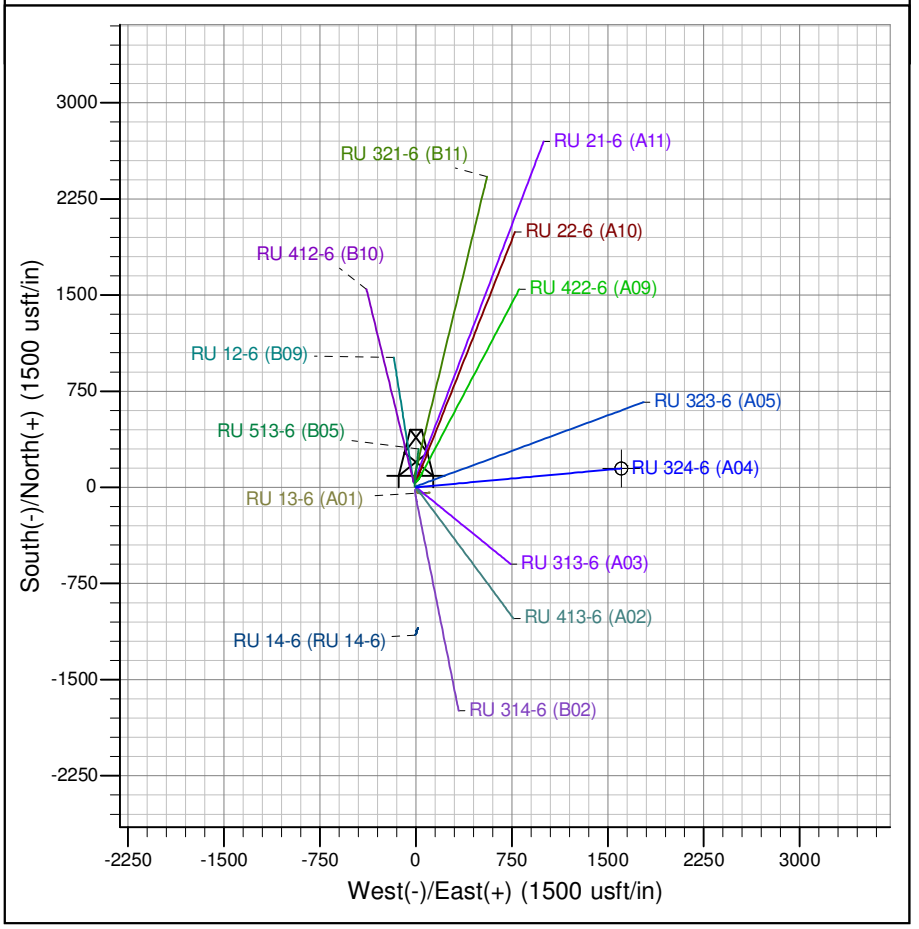
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603427.50	2343757.20	39.467128	-107.824749	A04

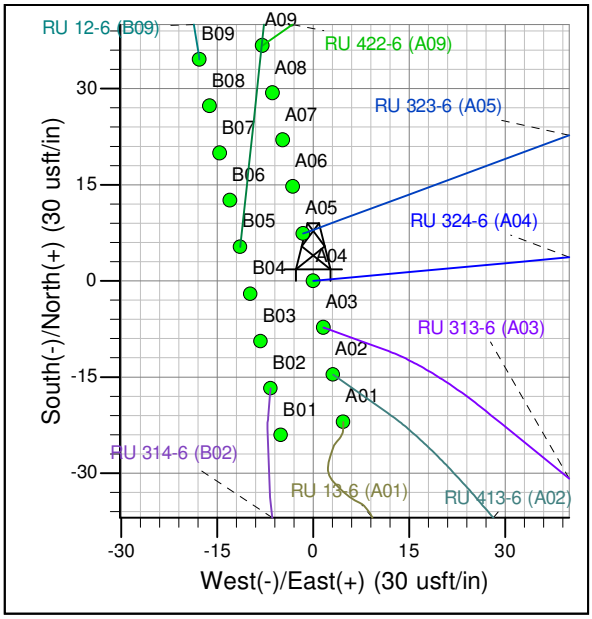
KB @ 7009.00usft (HP 318)

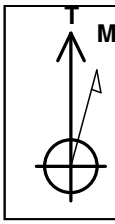


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
154.00	154.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
711.37	719.60	16.97	84.76	7.59	82.79	83.14	83.14	Hold 16.97 Inclination
5176.25	5387.70	16.97	84.76	131.94	1439.44	1445.48	1445.48	Start Drop -1.50
6291.00	6518.91	0.00	0.00	147.12	1605.03	1611.76	1611.76	Vertical
6991.00	7218.91	0.00	0.00	147.12	1605.03	1611.76	1611.76	Top of Target
9206.00	9433.91	0.00	0.00	147.12	1605.03	1611.76	1611.76	TD at 9409.91







Azimuths to True North
Magnetic North: 9.87°

Magnetic Field
Strength: 51936.7snT
Dip Angle: 65.66°
Date: 7/17/2014
Model: IGRF2010

Project: RU 06-07S-093W
Site: RU 13-6 Pad
Well: RU 324-6
Design #2 2Nov15 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RU 324-6 Top Gas 50' Radius - plan hits target center	6991.00	147.12	1605.03	1603533.50	2345365.40	39.467531	-107.819064	Circle (Radius: 50.00)