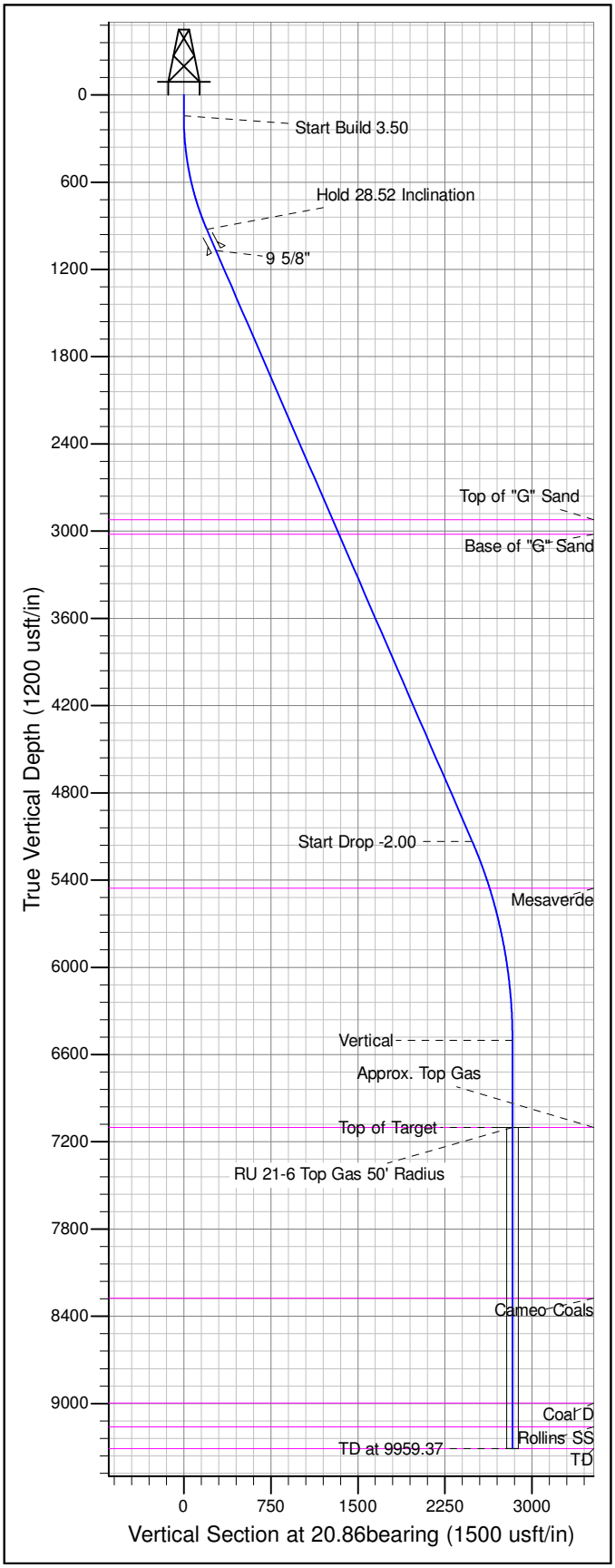
WPXENERGY

Well Name: RU 21-6
Surface Location: RU 13-6 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6985.00

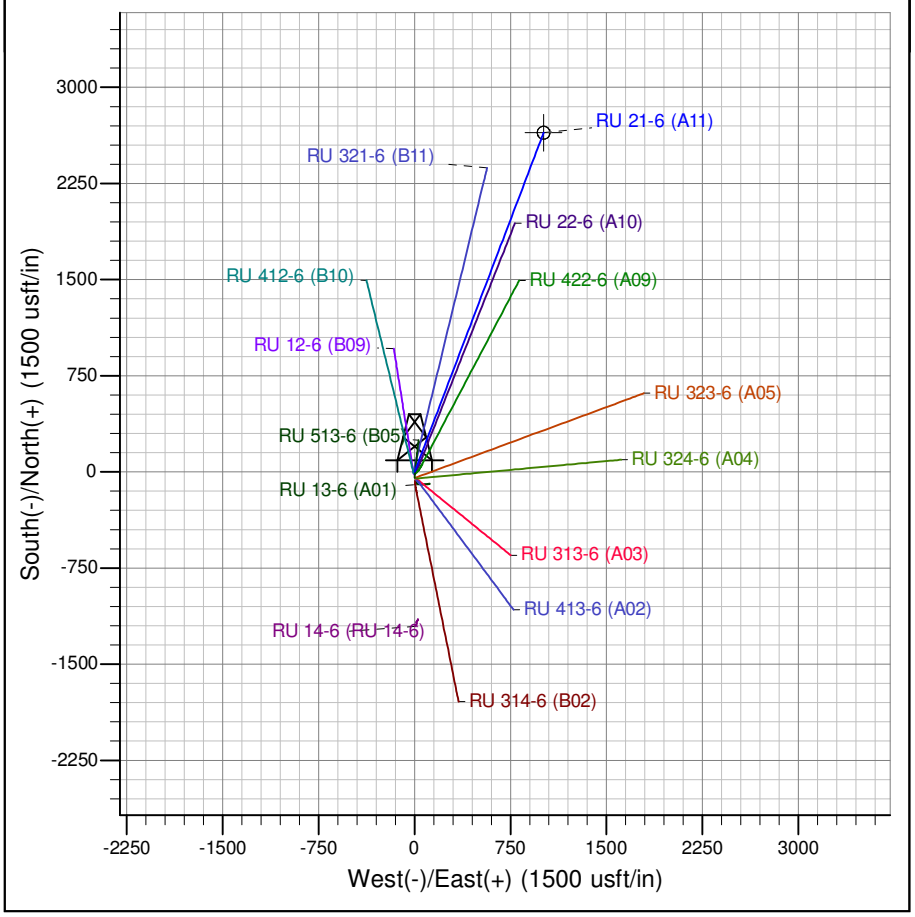
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603479.10	2343747.40	39.467269	-107.824789	A11

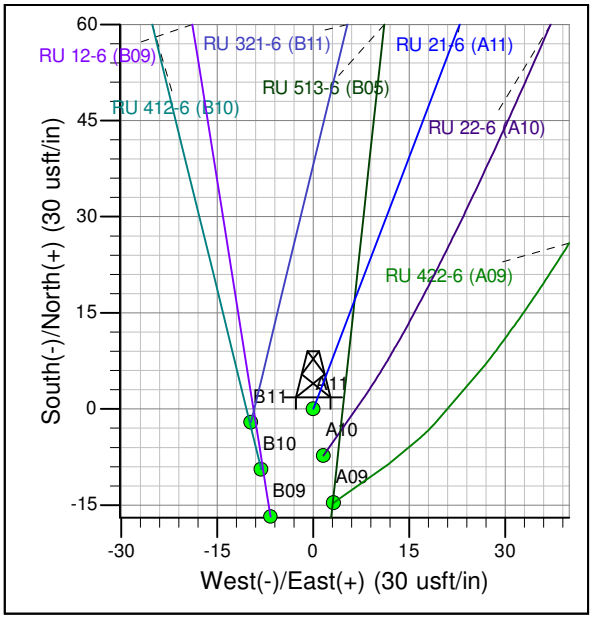
KB @ 7009.00usft (HP 318)

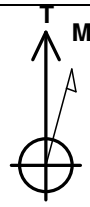


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
144.00	144.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
925.55	958.78	28.52	20.86	185.60	70.72	198.61	198.61	Hold 28.52 Inclination
5133.29	5747.51	28.52	20.86	2322.00	884.79	2484.86	2484.86	Start Drop -2.00
6501.00	7173.37	0.00	0.00	2646.79	1008.55	2832.43	2832.43	Vertical
7101.00	7773.37	0.00	0.00	2646.79	1008.55	2832.43	2832.43	Top of Target
9311.00	9983.37	0.00	0.00	2646.79	1008.55	2832.43	2832.43	TD at 9959.37







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 21-6
Design #2 2Nov15 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RU 21-6 Top Gas 50' Radius	7101.00	2646.79	1008.55	1606099.10	2344823.30	39.474535	-107.821216	Circle (Radius: 50.00)
- plan hits target center								