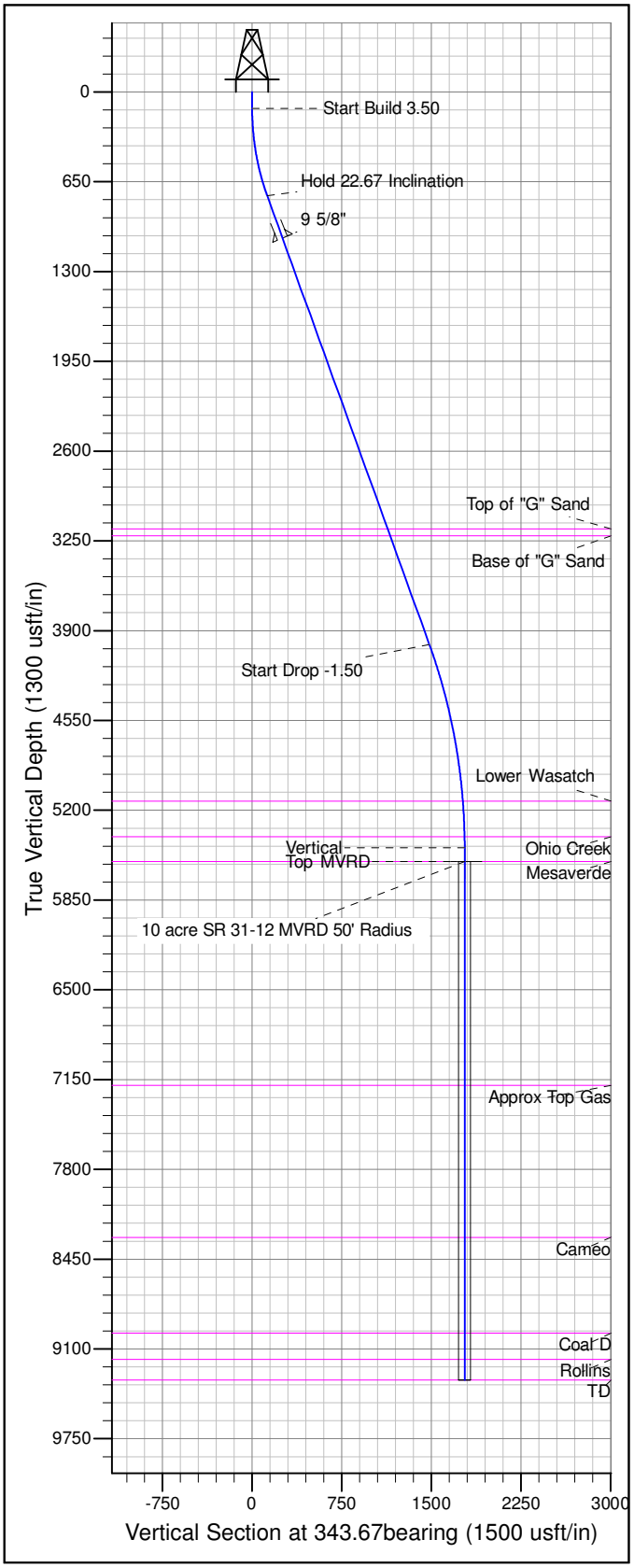
WPXENERGY

Well Name: SR 31-12
Surface Location: RU 32-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7254.00

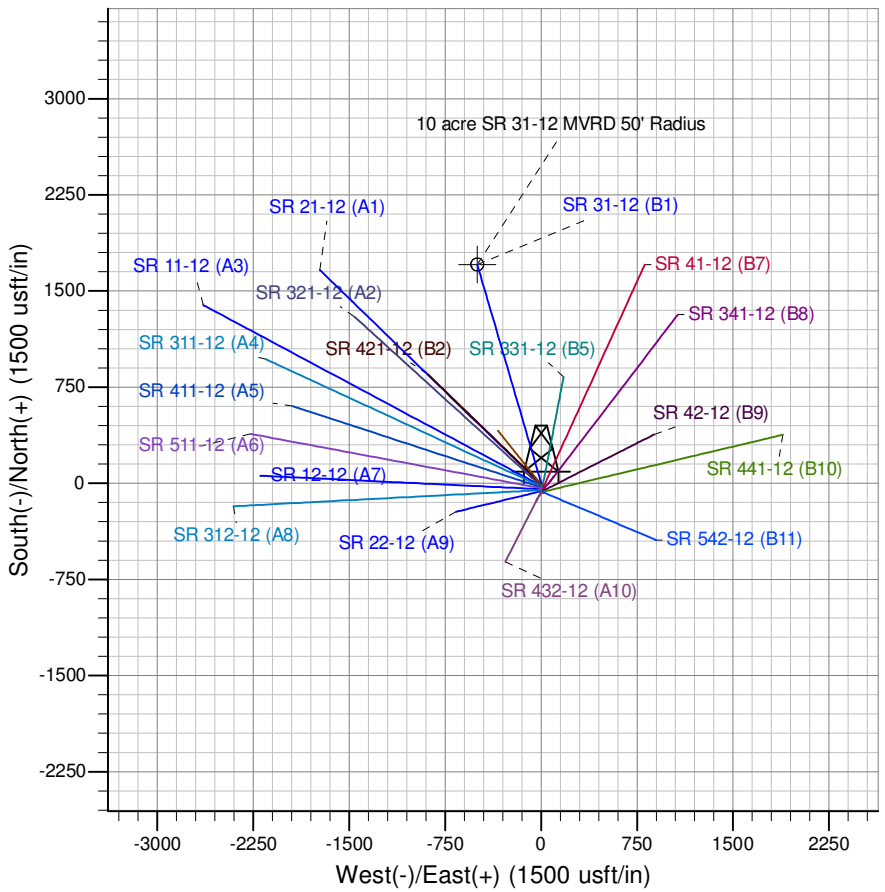
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1599241.00	2341063.10	39.455448	-107.833908	B1

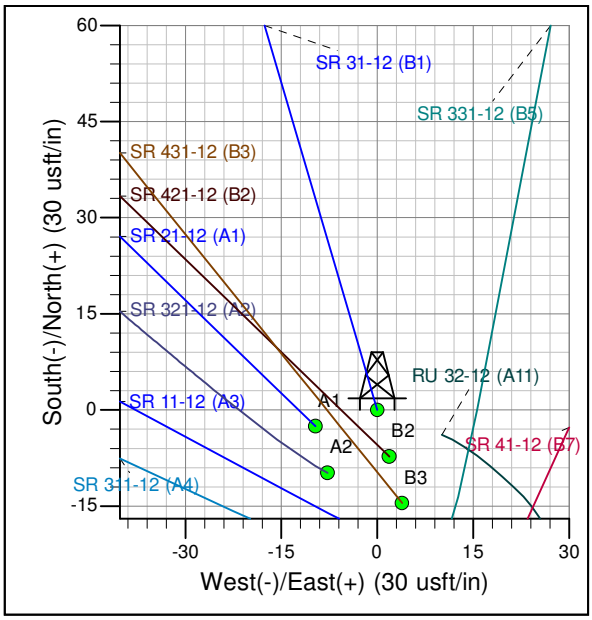
KB @ 7278.00usft (HP 318)

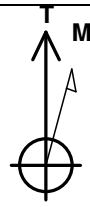


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
120.00	120.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
750.97	767.74	22.67	343.67	121.38	-35.57	126.49	126.49	Hold 22.67 Inclination
3999.73	4288.54	22.67	343.67	1423.66	-417.23	1483.54	1483.54	Start Drop -1.50
5472.00	5799.94	0.00	0.00	1706.89	-500.23	1778.68	1778.68	Vertical
5572.00	5899.94	0.00	0.00	1706.89	-500.23	1778.68	1778.68	Top MVRD
9325.00	9652.94	0.00	0.00	1706.89	-500.23	1778.68	1778.68	TD at 9652.94







Azimuths to True North
Magnetic North: 9.74°

Magnetic Field
Strength: 51644.2snT
Dip Angle: 65.60°
Date: 4/27/2016
Model: IGRF2015

Project: RU 12-07S-094W
Site: RU 32-12 Pad
Well: SR 31-12
Design #1 27Apr16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre SR 31-12 MVRD 50' Radius - plan hits target center	5572.00	1706.89	-500.23	1600960.10	2340606.90	39.460134	-107.835680	Circle (Radius: 50.00)