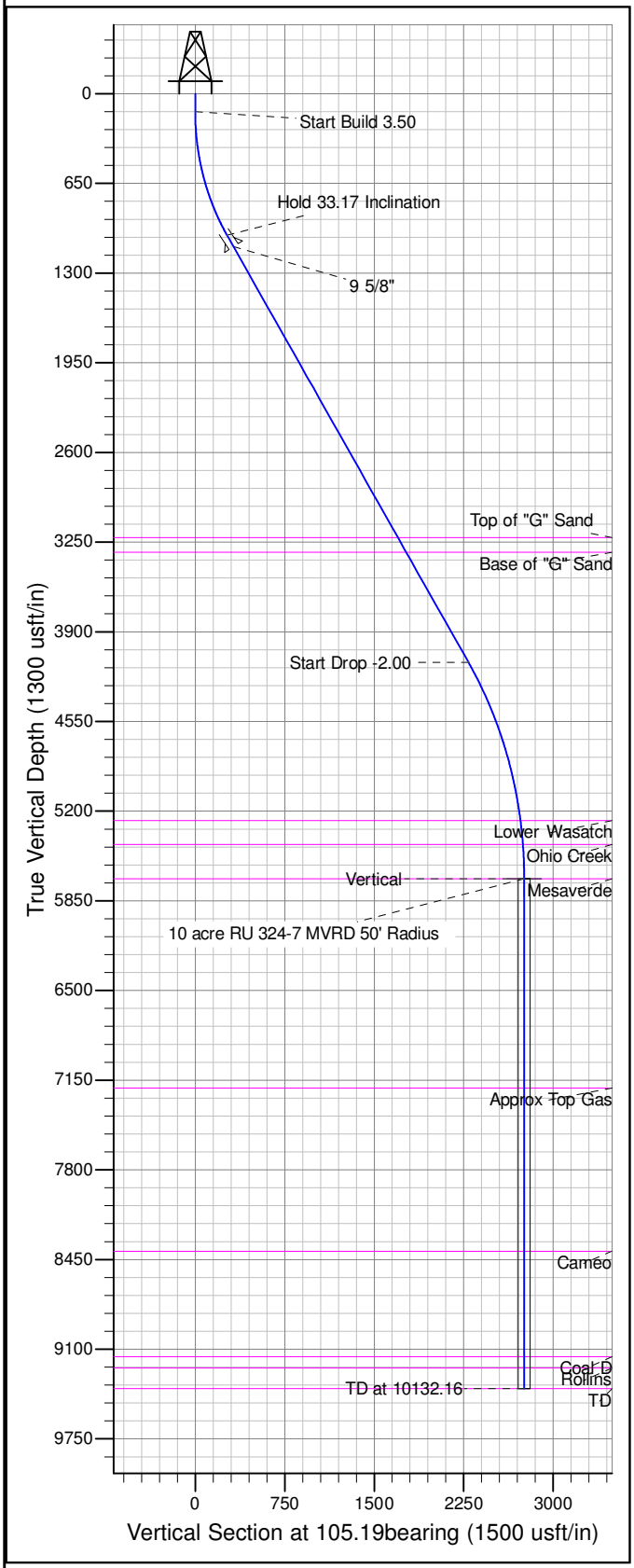
WPXENERGY

Well Name: RU 324-7
Surface Location: SR 43-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7357.00

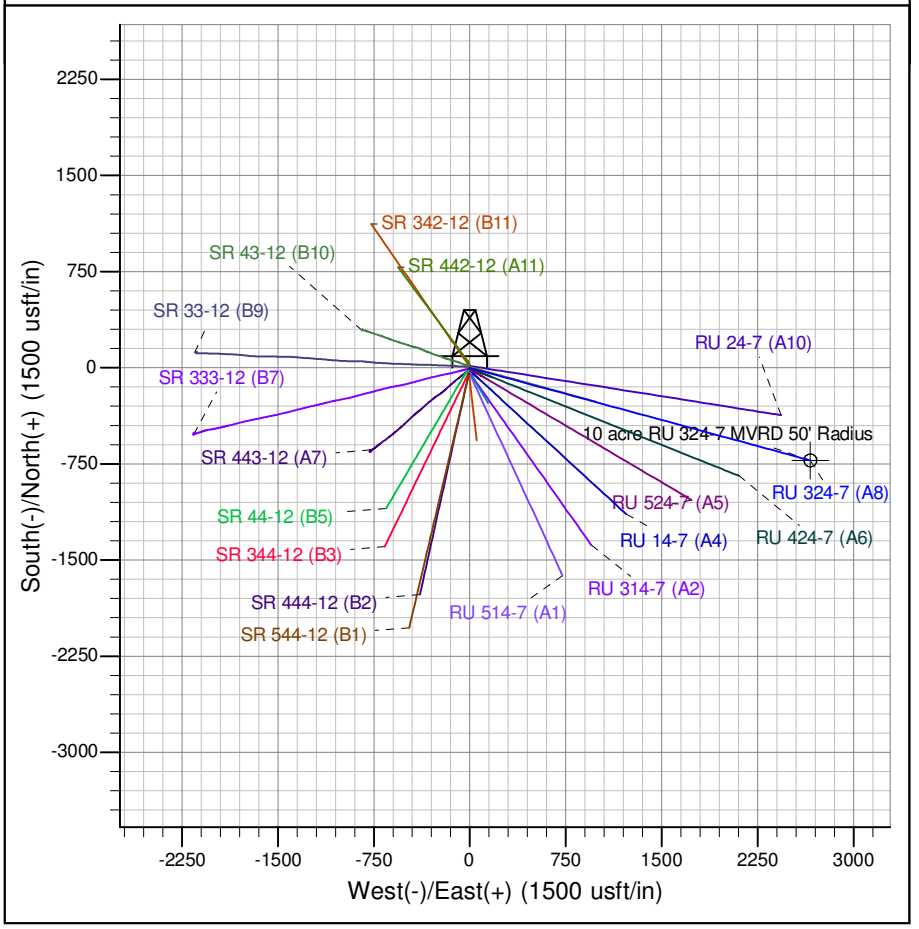
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1598007.20	2343319.50	39.452221	-107.825808	A8

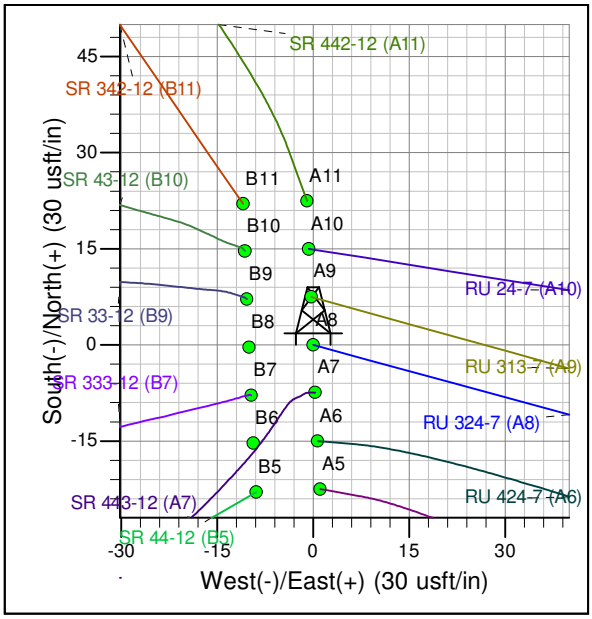
KB @ 7381.00usft (HP 318)

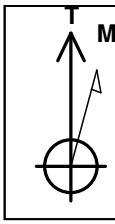


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
130.00	130.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
1025.72	1077.79	33.17	105.19	-69.90	257.47	266.79	266.79	Hold 33.17 Inclination
4122.49	4777.52	33.17	105.19	-600.31	2211.11	2291.15	2291.15	Start Drop -2.00
5690.00	6436.16	0.00	0.00	-722.64	2661.69	2758.04	2758.04	Vertical
9386.00	10132.16	0.00	0.00	-722.64	2661.69	2758.04	2758.04	TD at 10132.16







Azimuths to True North
Magnetic North: 9.75°

Magnetic Field
Strength: 51657.6snT
Dip Angle: 65.60°
Date: 3/9/2016
Model: IGRF2015

Project: RU 07-07S-093W
Site: SR 43-12 Pad
Well: RU 324-7
Design #2 30Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 324-7 MVRD 50' Radius - plan hits target center	5690.00	-722.64	2661.69	1597216.70	2345961.70	39.450236	-107.816382	Circle (Radius: 50.00)