WPXENERGY

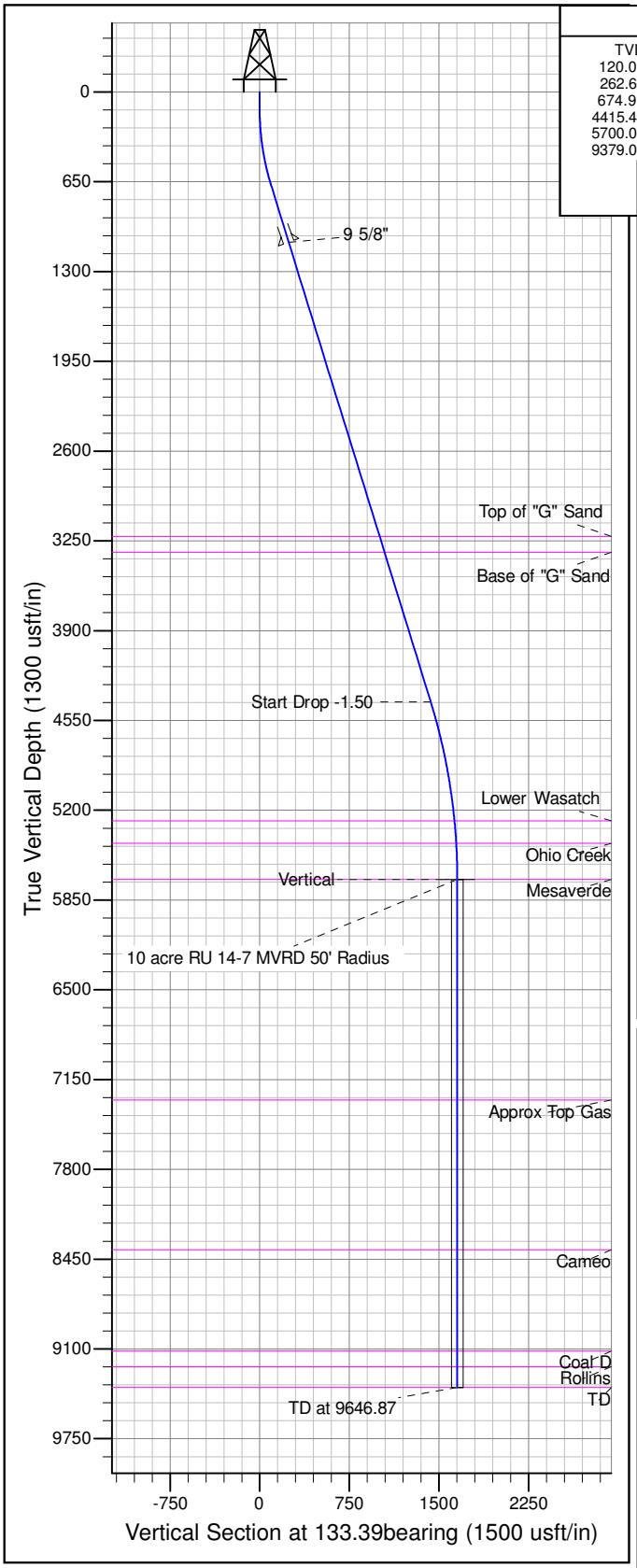
Well Name: RU 14-7
Surface Location: SR 43-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7357.00

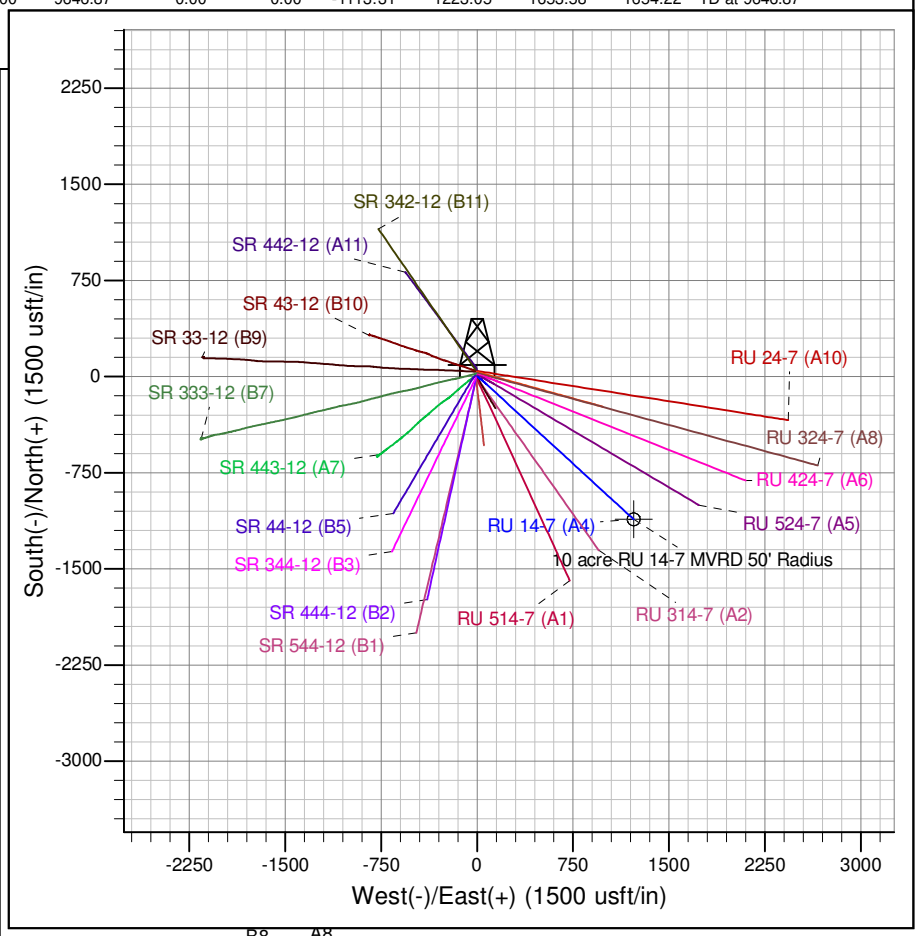
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597977.20	2343320.20	39.452138	-107.825802	A4

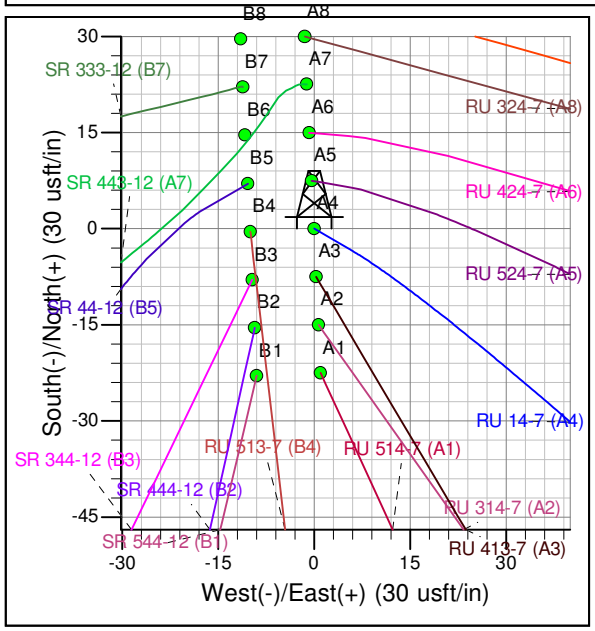
KB @ 7381.00usft (HP 318)

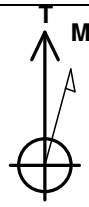
ANNOTATIONS

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
262.68	262.86	5.00	120.00	-3.11	5.39	6.06	6.23	Start Turn DLS 3.50 TFO 16.54
674.91	685.92	19.65	132.50	-60.71	74.19	95.62	96.06	Hold 19.65 Inclination
4415.48	4657.81	19.65	132.50	-963.03	1059.03	1431.15	1431.76	Start Drop -1.50
5700.00	5967.87	0.00	0.00	-1113.31	1223.05	1653.58	1654.22	Vertical
9379.00	9646.87	0.00	0.00	-1113.31	1223.05	1653.58	1654.22	TD at 9646.87









Azimuths to True North
Magnetic North: 9.75°

Magnetic Field
Strength: 51657.5snT
Dip Angle: 65.60°
Date: 3/9/2016
Model: IGRF2015

Project: RU 07-07S-093W
Site: SR 43-12 Pad
Well: RU 14-7
Design #2 30Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 14-7 MVRD 50' Radius - plan hits target center	5700.00	-1113.31	1223.05	1596833.00	2344514.30	39.449082	-107.821471	Circle (Radius: 50.00)