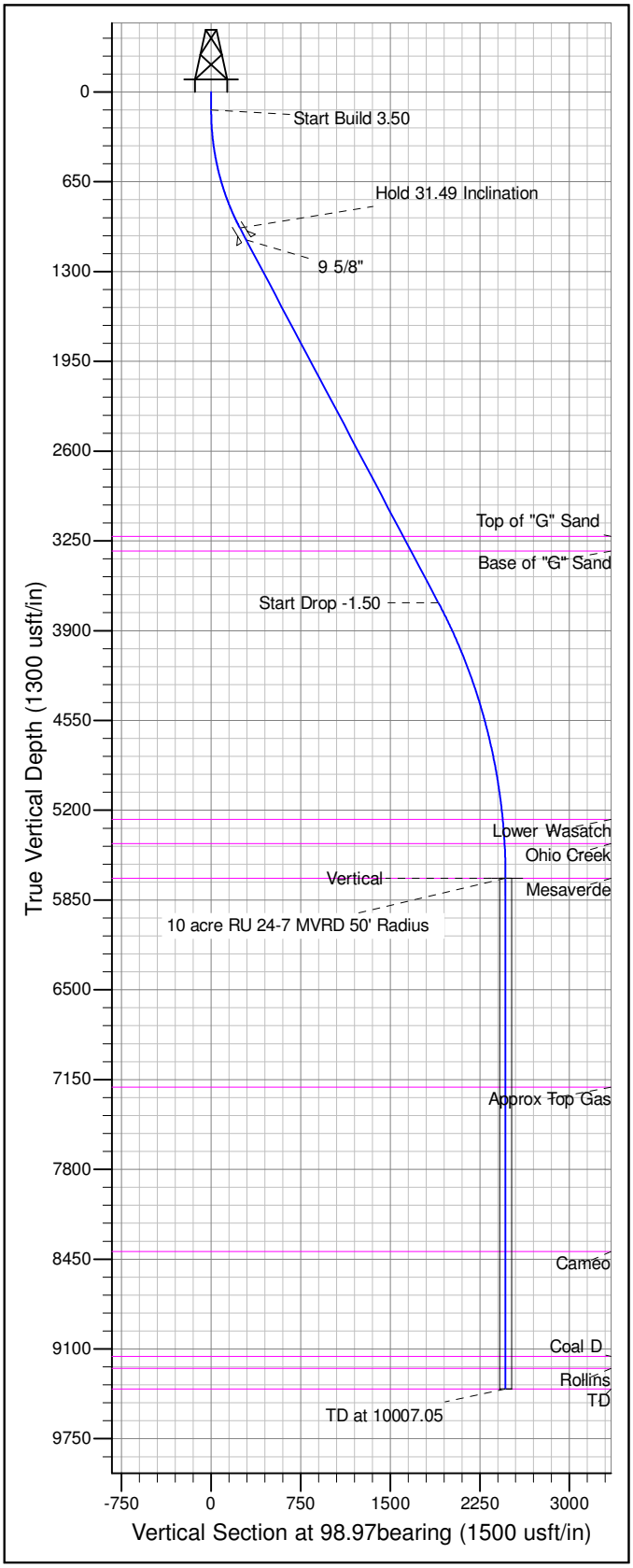
WPXENERGY

Well Name: RU 24-7
Surface Location: SR 43-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7357.00

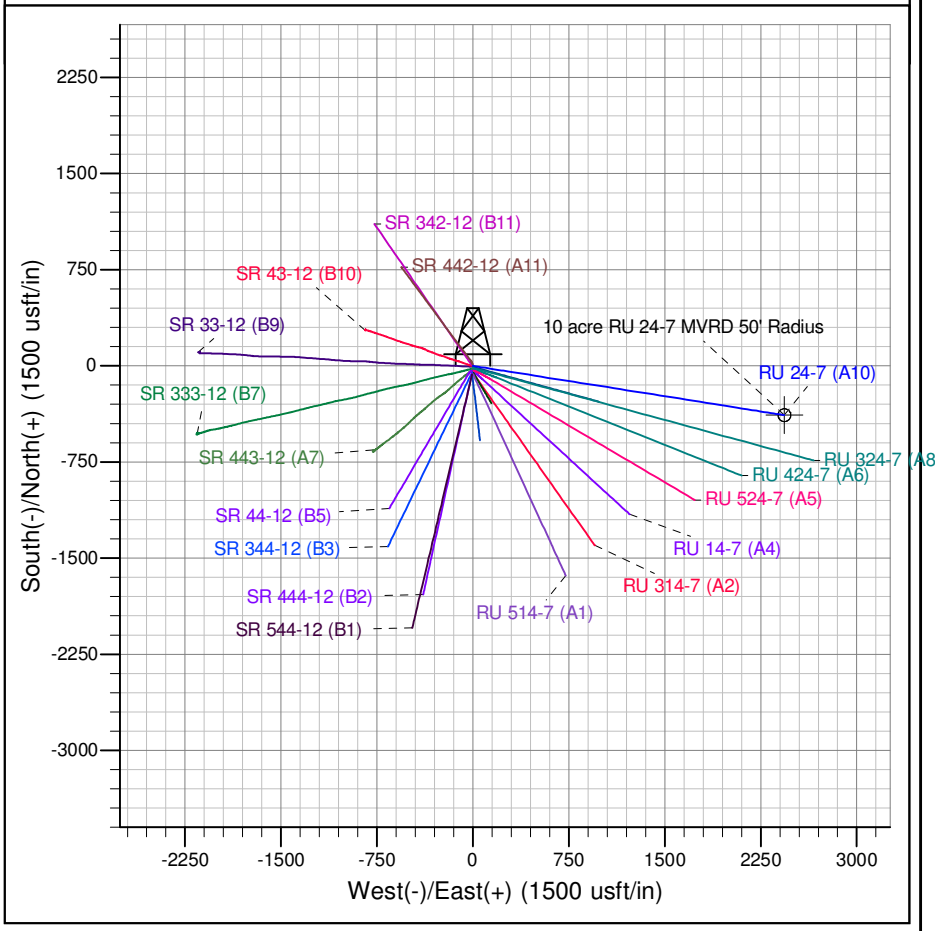
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1598022.20	2343319.20	39.452262	-107.825810	A10

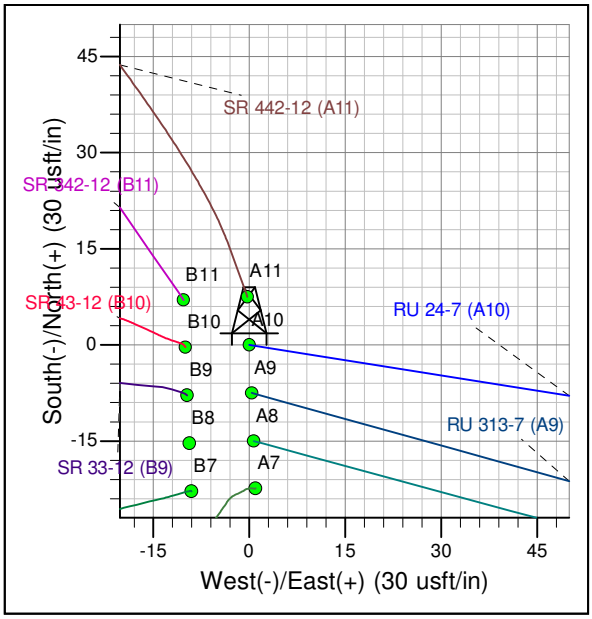
KB @ 7381.00usft (HP 318)

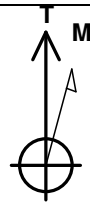


ANNOTATIONS

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
985.11	1029.73	31.49	98.97	-37.60	238.14	241.09	241.09	Hold 31.49 Inclination
3696.73	4209.68	31.49	98.97	-296.68	1878.89	1902.17	1902.17	Start Drop -1.50
5692.00	6309.05	0.00	0.00	-384.42	2434.55	2464.71	2464.71	Vertical
9390.00	10007.05	0.00	0.00	-384.42	2434.55	2464.71	2464.71	TD at 10007.05







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 24-7
Design #2 30Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 24-7 MVRD 50' Radius - plan hits target center	5692.00	-384.42	2434.55	1597575.60	2345743.00	39.451206	-107.817189	Circle (Radius: 50.00)