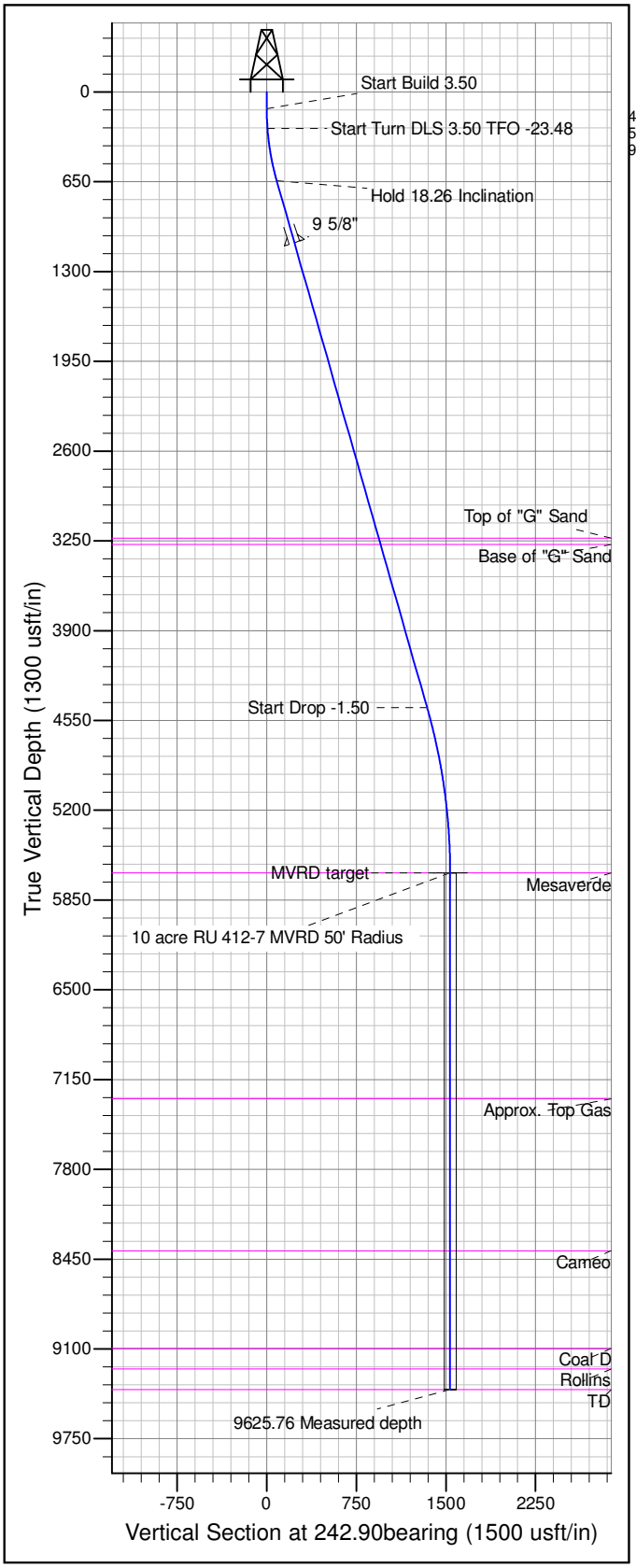
WPXENERGY

Well Name: RU 412-7
Surface Location: RU 22-7 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7339.00

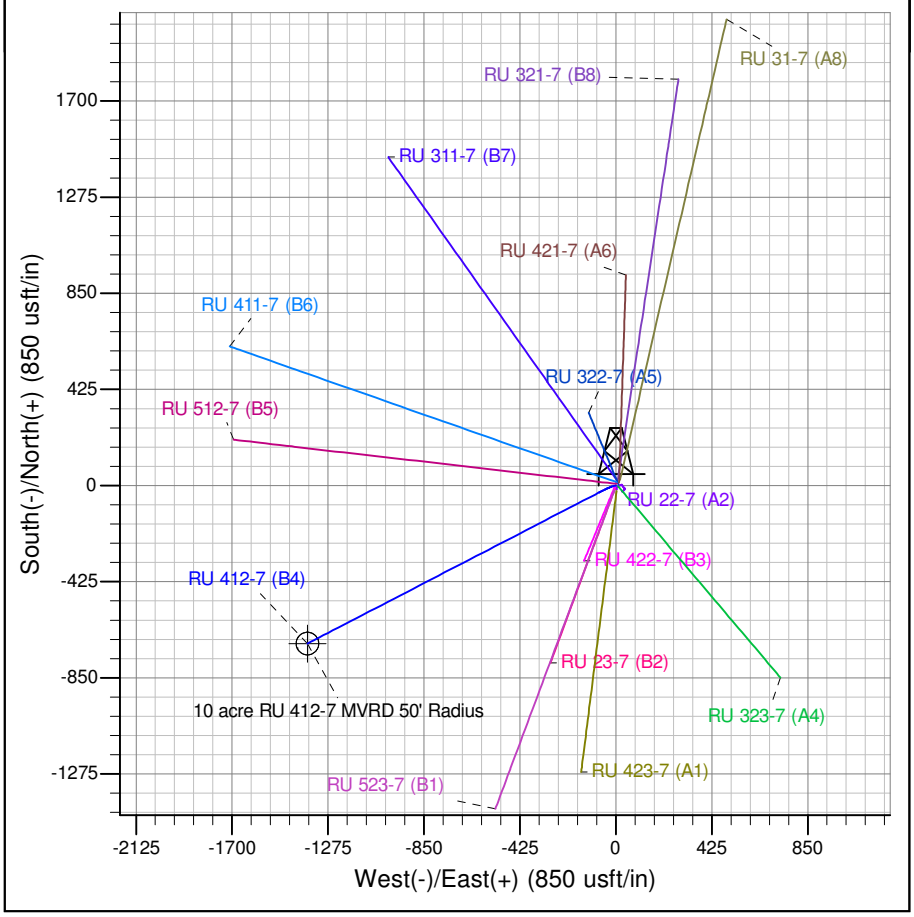
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1599691.07	2345081.41	39.456966	-107.819722	B4

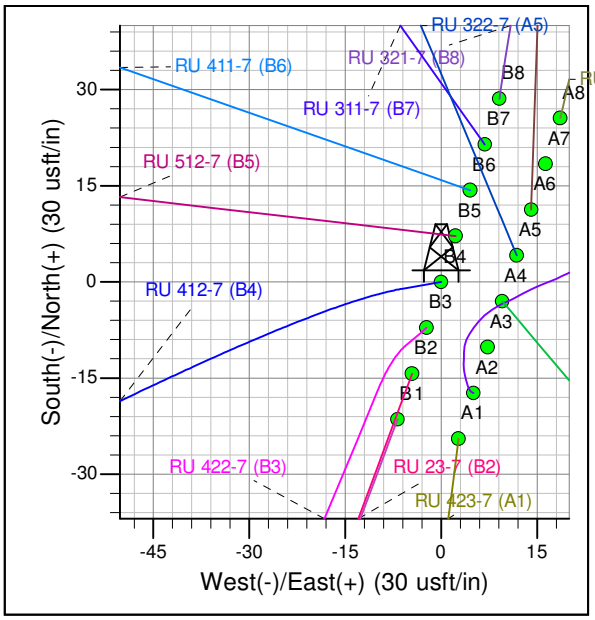
KB @ 7363.00usft (HP 318)

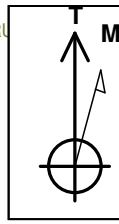


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
121.00	121.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.50
263.68	263.86	5.00	260.00	-1.08	-6.13	5.95	6.23	Start Turn DLS 3.50 TFO -23
642.68	651.59	18.26	242.64	-32.08	-77.07	83.22	83.84	Hold 18.26 Inclination
4456.94	4668.19	18.26	242.64	-610.49	-1195.07	1341.97	1342.60	Start Drop -1.50
5654.00	5885.76	0.00	0.00	-698.90	-1365.97	1534.39	1535.02	MVRD target
9394.00	9625.76	0.00	0.00	-698.90	-1365.97	1534.39	1535.02	9625.76 Measured depth







Azimuths to True North
Magnetic North: 9.74°

Magnetic Field
Strength: 51655.3snT
Dip Angle: 65.61°
Date: 3/28/2016
Model: IGRF2015

Project: RU 07-07S-093W
Site: RU 22-7 Pad
Well: RU 412-7
Design #2 28Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 412-7 MVRD 50' Radius - plan hits target center	5654.00	-698.90	-1365.97	1599027.30	2343698.10	39.455047	-107.824560	Circle (Radius: 50.00)