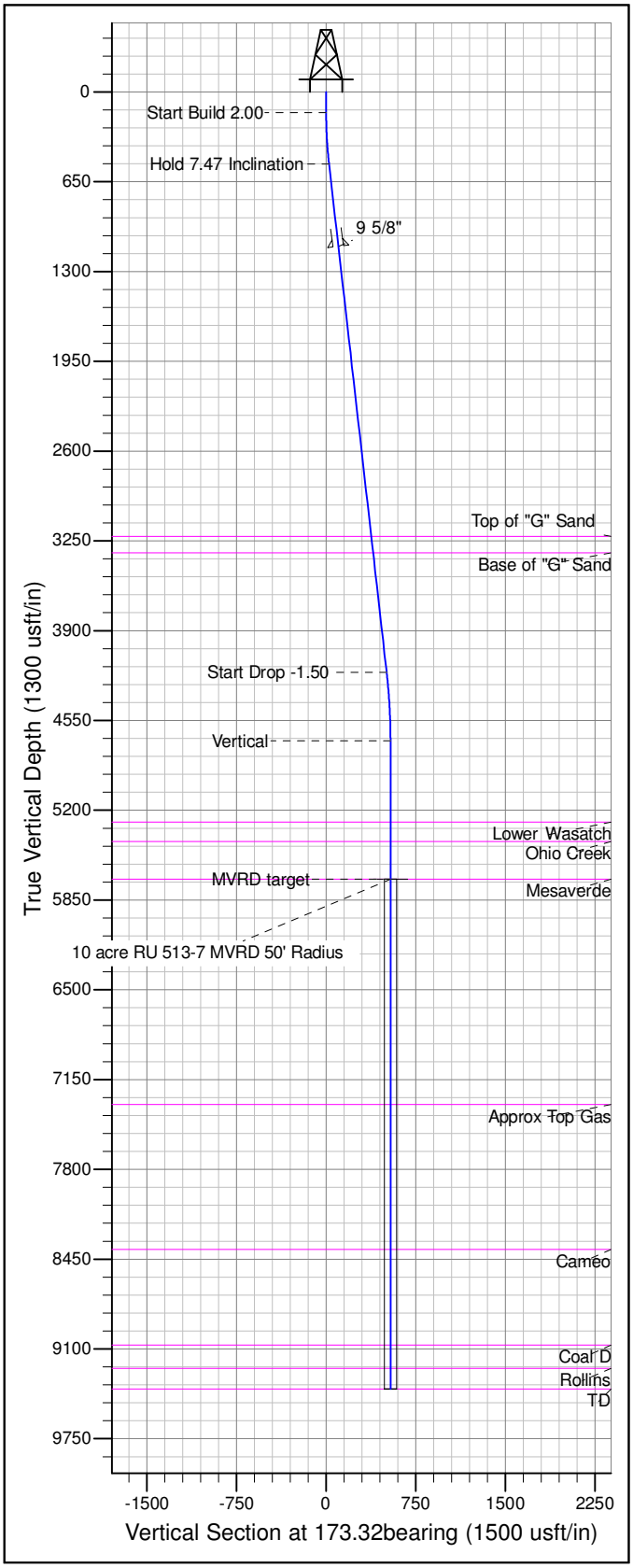
WPXENERGY

Well Name: RU 513-7
Surface Location: SR 43-12 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 7357.00

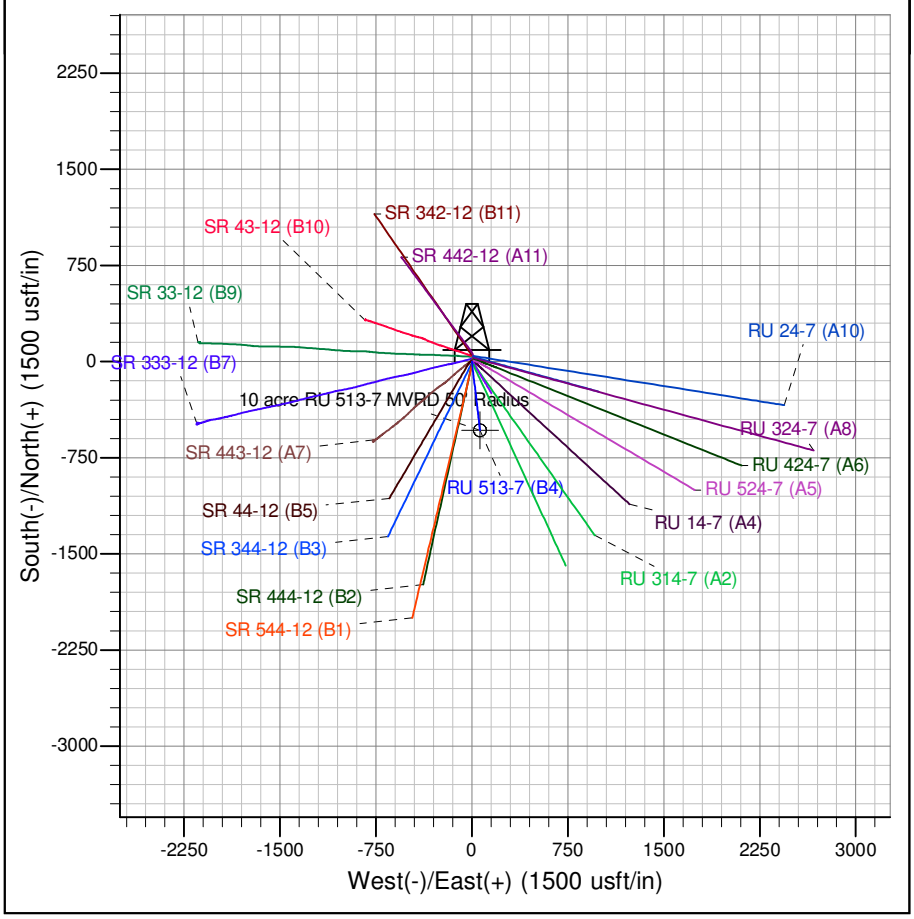
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1597977.00	2343310.20	39.452137	-107.825838	B4

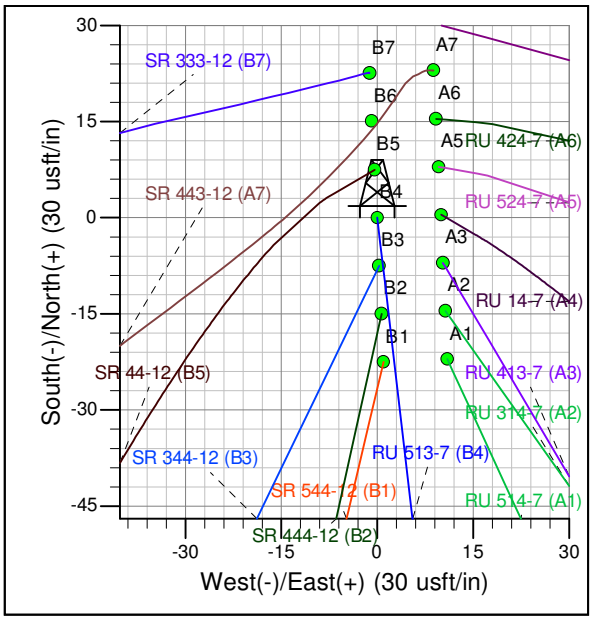
KB @ 7381.00usft (HP 318)

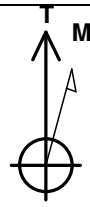


ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
150.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 2.00
522.47	523.53	7.47	173.32	-24.15	2.83	24.32	24.32	Hold 7.47 Inclination
4201.37	4233.92	7.47	173.32	-503.29	58.96	506.73	506.73	Start Drop -1.50
4698.00	4731.96	0.00	0.00	-535.49	62.73	539.16	539.16	Vertical
5698.00	5731.96	0.00	0.00	-535.49	62.73	539.16	539.16	MVRD target
9390.00	9423.96	0.00	0.00	-535.49	62.73	539.16	539.16	TD at 9423.96







Azimuths to True North
Magnetic North: 10.43°

Magnetic Field
Strength: 52412.2snT
Dip Angle: 65.79°
Date: 12/31/2009
Model: IGRF200510

Project: RU 07-07S-093W
Site: SR 43-12 Pad
Well: RU 513-7
Design #2 30Mar16 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
10 acre RU 513-7 MVRD 50' Radius - plan hits target center	5698.00	-535.49	62.73	1597440.10	2343359.20	39.450667	-107.825616	Circle (Radius: 50.00)