WPXENERGY

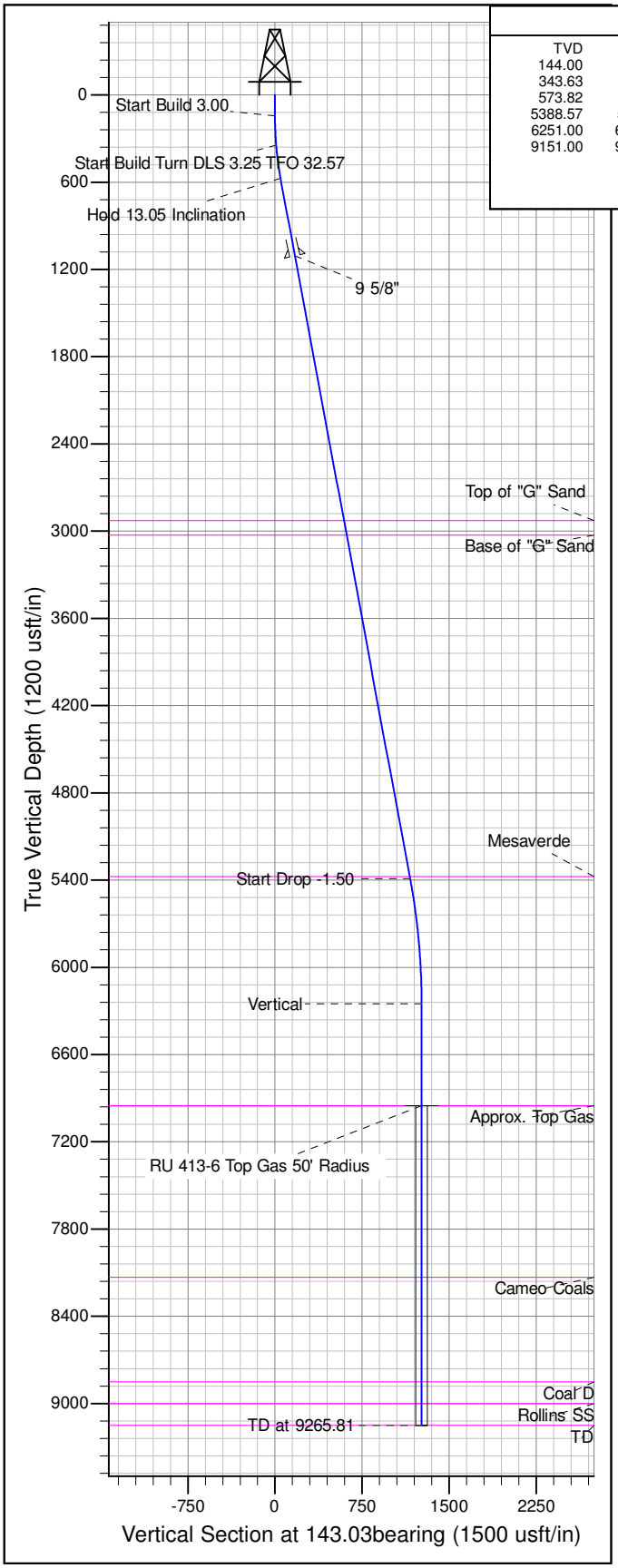
Well Name: RU 413-6
Surface Location: RU 13-6 Pad
North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
Ground Elevation: 6985.00

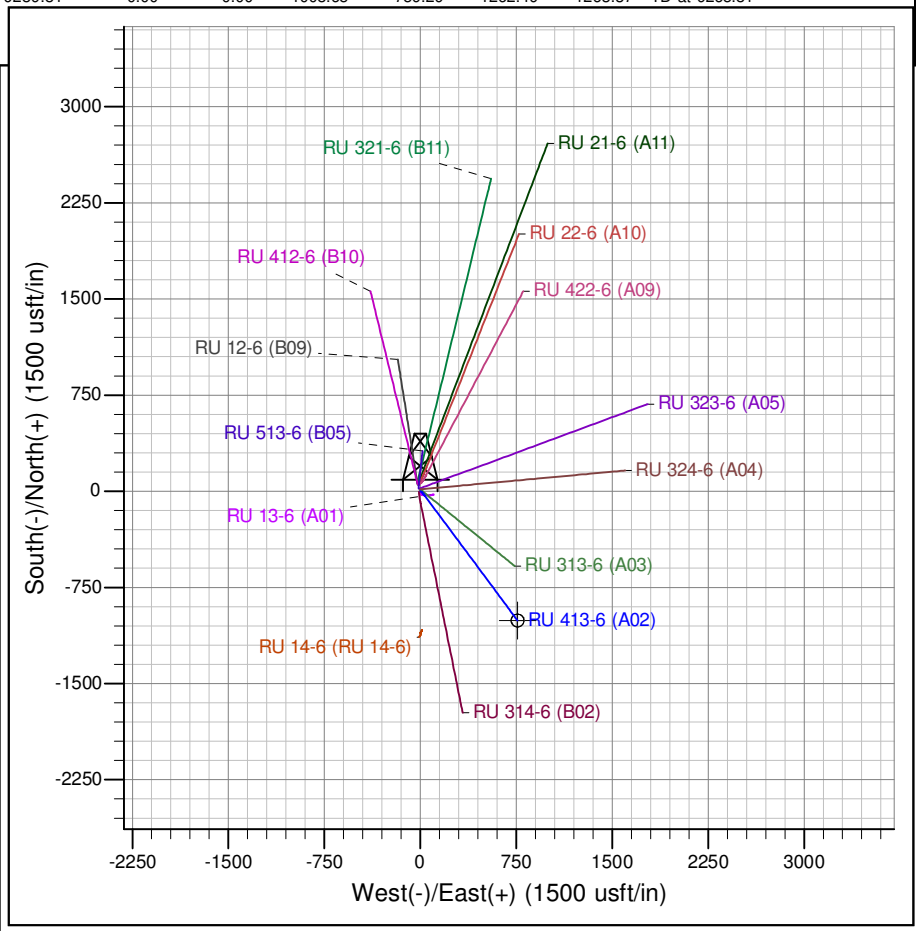
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1603412.80	2343759.90	39.467088	-107.824738	A02

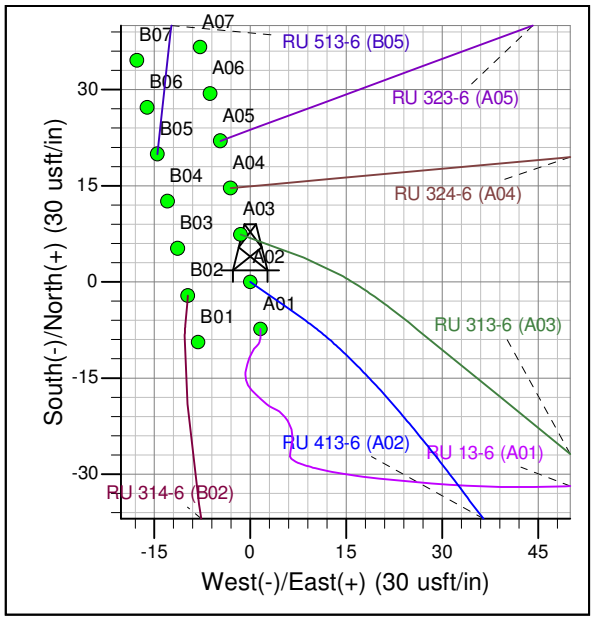
KB @ 7009.00usft (HP 318)

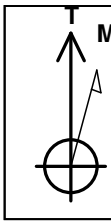
ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect	Departure	Annotation
144.00	144.00	0.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
343.63	344.00	6.00	125.00	-6.00	8.57	9.95	10.46	Start Build Turn DLS 3.25 TFO 32.57
573.82	577.50	13.05	143.35	-34.19	34.34	47.97	48.83	Hold 13.05 Inclination
5388.57	5519.88	13.05	143.35	-929.51	700.41	1163.86	1164.73	Start Drop -1.50
6251.00	6389.81	0.00	0.00	-1008.65	759.29	1262.49	1263.37	Vertical
9151.00	9289.81	0.00	0.00	-1008.65	759.29	1262.49	1263.37	TD at 9265.81









Azimuths to True North
Magnetic North: 9.87°

Magnetic Field
Strength: 51936.6snT
Dip Angle: 65.66°
Date: 7/17/2014
Model: IGRF2010

Project: RU 06-07S-093W
Site: RU 13-6 Pad
Well: RU 413-6
Design #2 2Nov15 sam

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
RU 413-6 Top Gas 50' Radius	6951.00	-1008.65	759.29	1602385.10	2344493.10	39.464318	-107.822049	Circle (Radius: 50.00)
- plan hits target center								