



+N/-S
0.0

+E/-W
0.0

Northing
1608918.47

Well Name: RWF 324-31

Surface Location: RWF 13-31 Pad

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

Ground Elevation: 5358.0

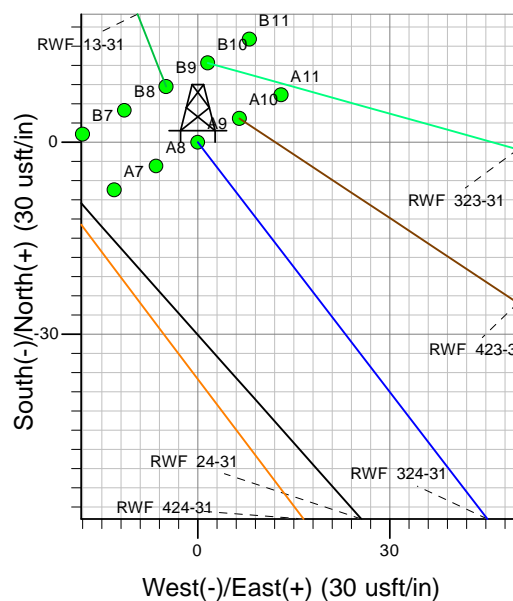
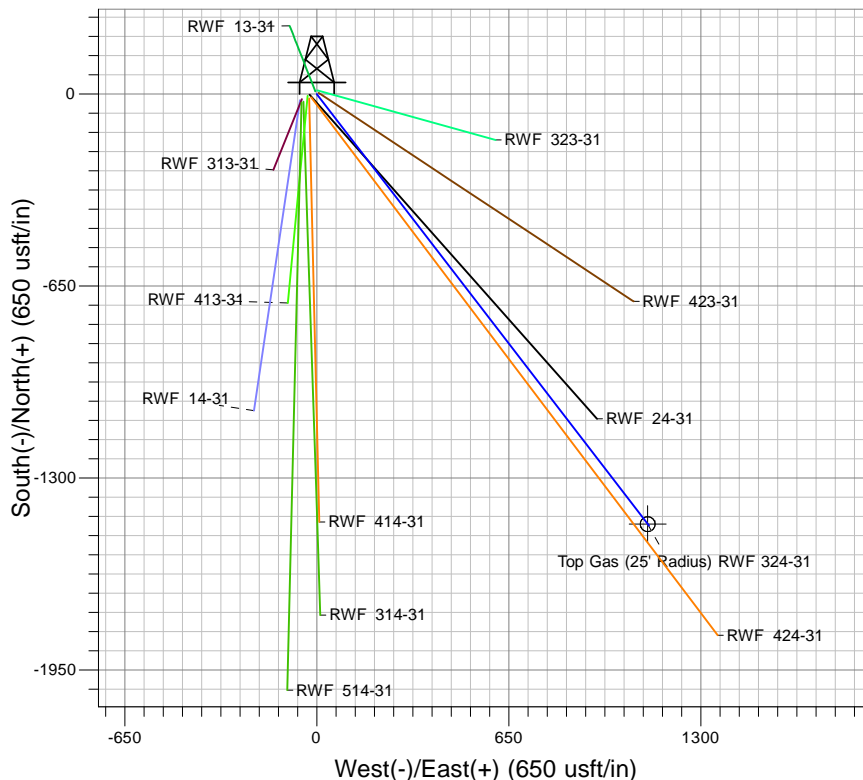
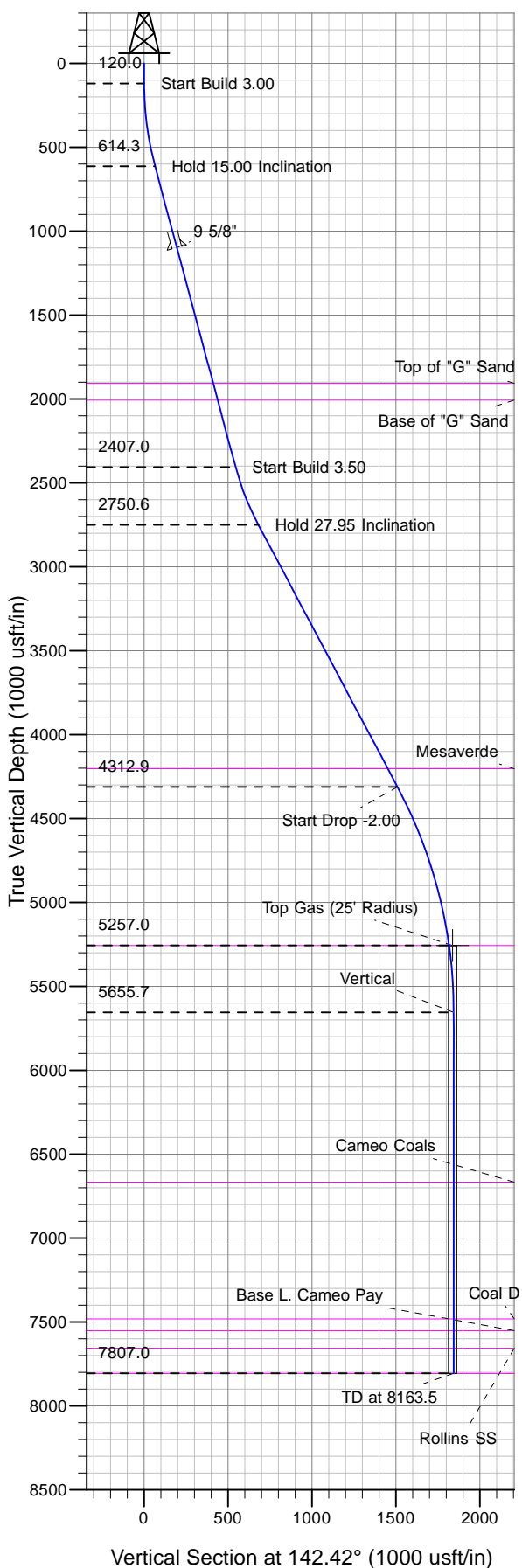
Easting
2312974.52

Latitude
39° 28' 47.944 N

Longitude
107° 56' 3.362 W

Slot
A9

KB H&P @ 5382.0usft (H&P)



Project: RU 31-06S-094W
Site: RWF 13-31 Pad
Well: RWF 324-31
Plan #2 09Apr10 kjs

M Azimuths to True North
Magnetic North: 10.63°
Magnetic Field
Strength: 52536.7snT
Dip Angle: 65.82°
Date: 11/24/2008
Model: IGRF200510

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSec	Departure	Annotation
120.0	120.0	0.00	0.00	0.0	0.0	0.0	0.0	Start Build 3.00
614.3	620.0	15.00	142.43	-51.6	39.7	65.1	65.1	Hold 15.00 Inclination
2407.0	2475.9	15.00	142.43	-432.3	332.6	545.4	545.4	Start Build 3.50
2750.6	2846.0	27.95	142.42	-539.5	415.0	680.6	680.6	Hold 27.95 Inclination
4312.9	4614.5	27.95	142.42	-1196.4	920.6	1509.6	1509.6	Start Drop -2.00
5257.0	5612.2	8.00	142.42	-1439.2	1107.5	1816.0	1816.0	Top Gas
5655.7	6012.2	0.00	0.00	-1461.3	1124.5	1843.8	1843.8	Vertical
7807.0	8163.5	0.00	0.00	-1461.3	1124.5	1843.8	1843.8	TD at 8163.5