



WARD PETROLEUM

Well: Brighton Lakes #3031-1-06HN
Site: Brighton Lakes
Project: Adams County, Colorado
Design: rev0

Section Details

Sec	MD	Inc	Azi	TVD	+N-/S	+E-/W	Dleg	TFace	Vsect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 3°/100' build
3	2391.76	20.75	262.12	2376.73	-16.99	-122.74	3.00	262.12	39.79	Begin 20.75° tangent section
4	7414.82	20.75	262.12	7073.88	-261.05	-1885.78	0.00	0.00	611.29	Begin 12°/100' build/turn
5	8142.53	90.00	179.69	7500.00	-738.87	-2043.22	12.00	-82.92	1110.20	LP Begin 90.00° lateral section
6	17790.32	90.00	179.69	7500.00	-10386.52	-1990.28	0.00	0.00	0575.49	PBHL/TD 17790.32 MD/7500.00 TVD

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Northern Zone

System Datum: Mean Sea Level
Depth Reference: RKB=5048.6+17 @ 5065.60usft

Surface details
Northing 1223227.69 Easting 3194847.55 Latitude 39.94404566 Longitude -104.80506046

Total Corr (M->G): To convert a Magnetic Direction to a Grid Direction, Add 7.78°



Azimuths to Grid North
True North: -0.45°
Magnetic North: 7.78°

Magnetic Field
Strength: 52190.5nT
Dip Angle: 66.49°
Date: 2/1/2017
Model: IGRF2015

