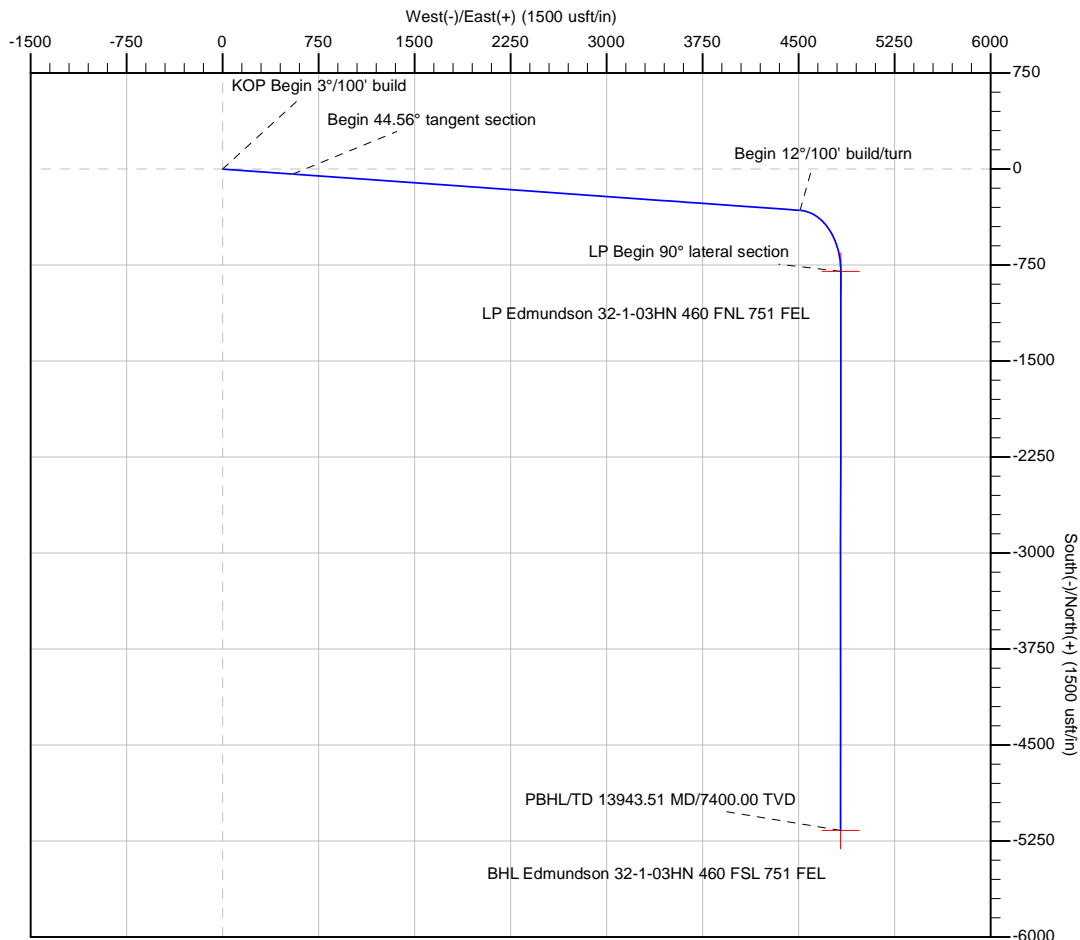
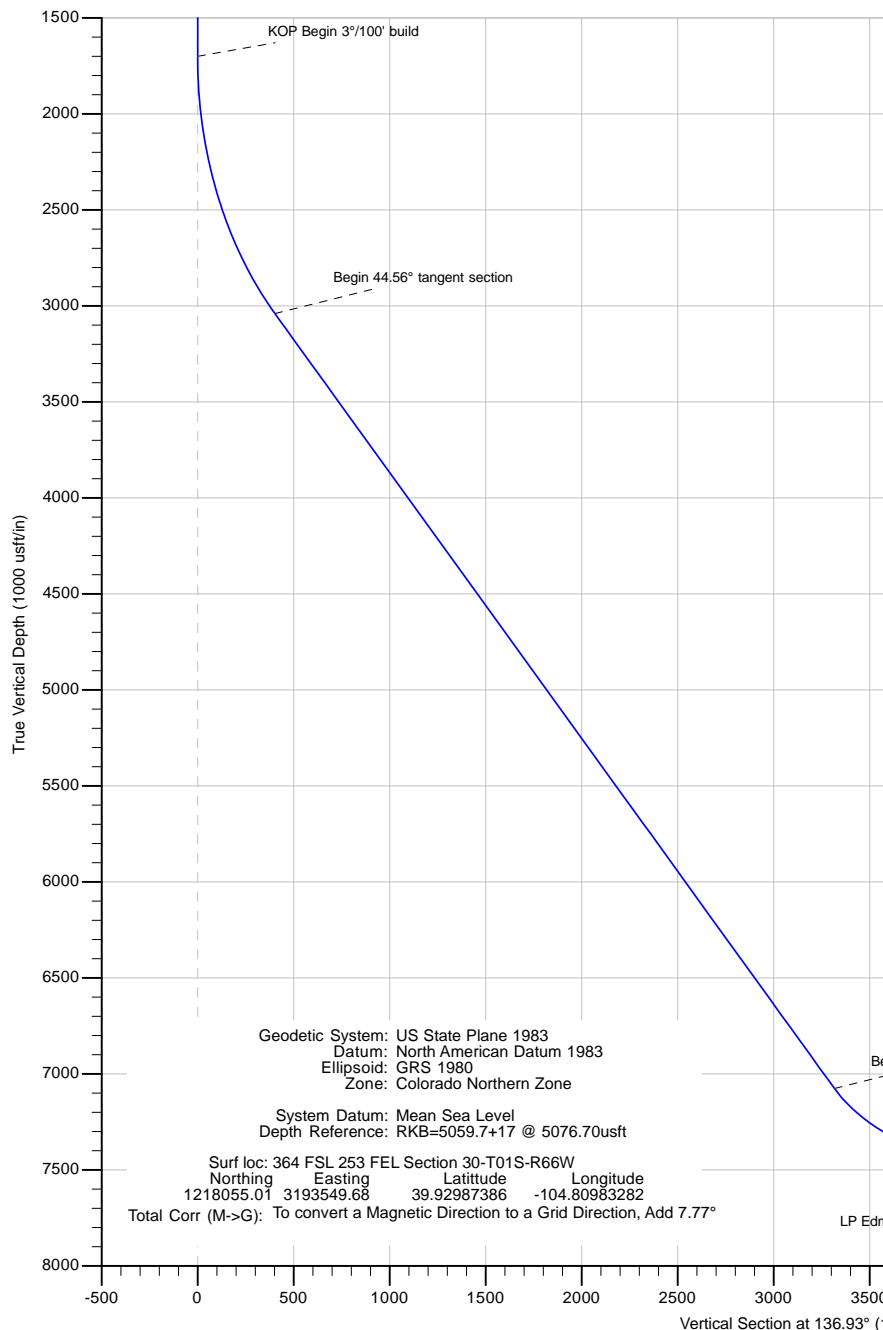




WARD PETROLEUM

Well: Edmundson #32-1-03HN
Site: Edmundson
Project: Adams County, Colorado
Design: rev0

Section Details										Annotation
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 3°/100' build Begin 44.56° tangent section Begin 12°/100' build/turn LP Begin 90° lateral section PBHL/TD 13943.51 MD/7400.00 TVD
2	1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	
3	3185.43	44.56	94.09	3040.13	-39.13	547.73	3.00	94.09	402.61	
4	8850.45	44.56	94.09	7076.34	-322.39	4512.72	0.00	0.00	3317.09	
5	9576.68	90.00	180.02	7400.00	-799.37	4830.51	12.00	87.10	3882.55	
6	13943.51	90.00	180.02	7400.00	-5166.20	4829.00	0.00	0.00	7071.69	



Azimuths to Grid North
True North: -0.45°
Magnetic North: 7.77°

Magnetic Field
Strength: 52159.4snT
Dip Angle: 66.47°
Date: 4/16/2017
Model: IGRF2015