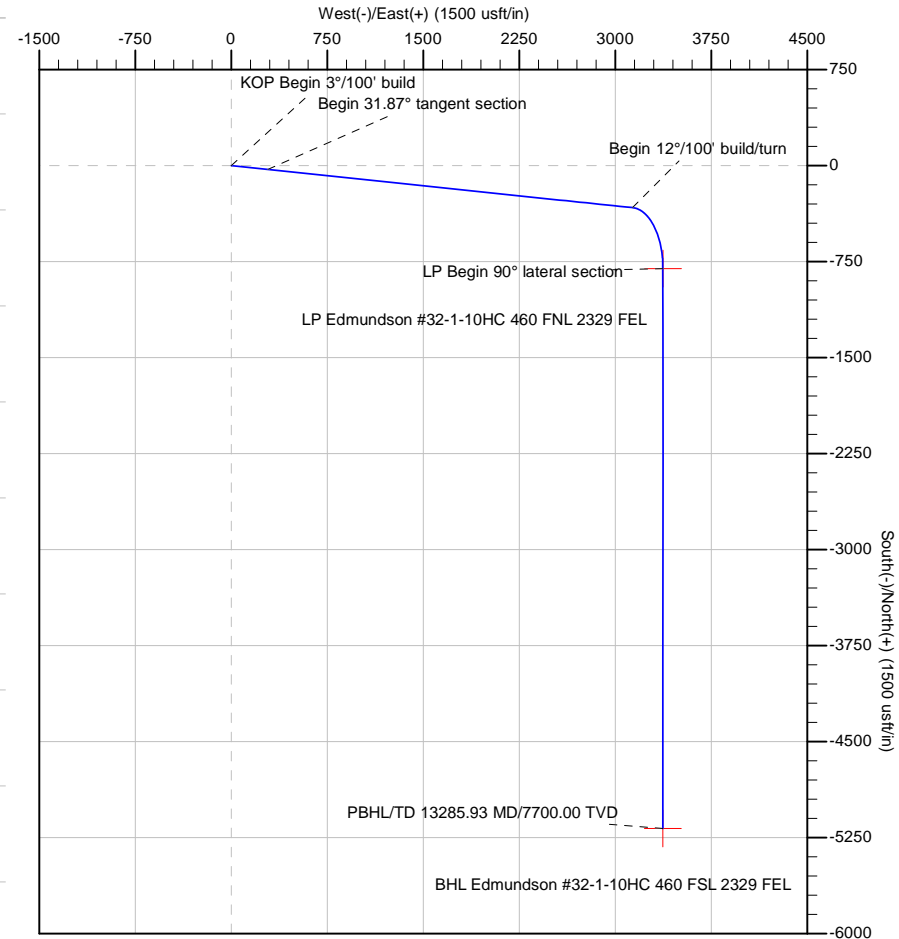
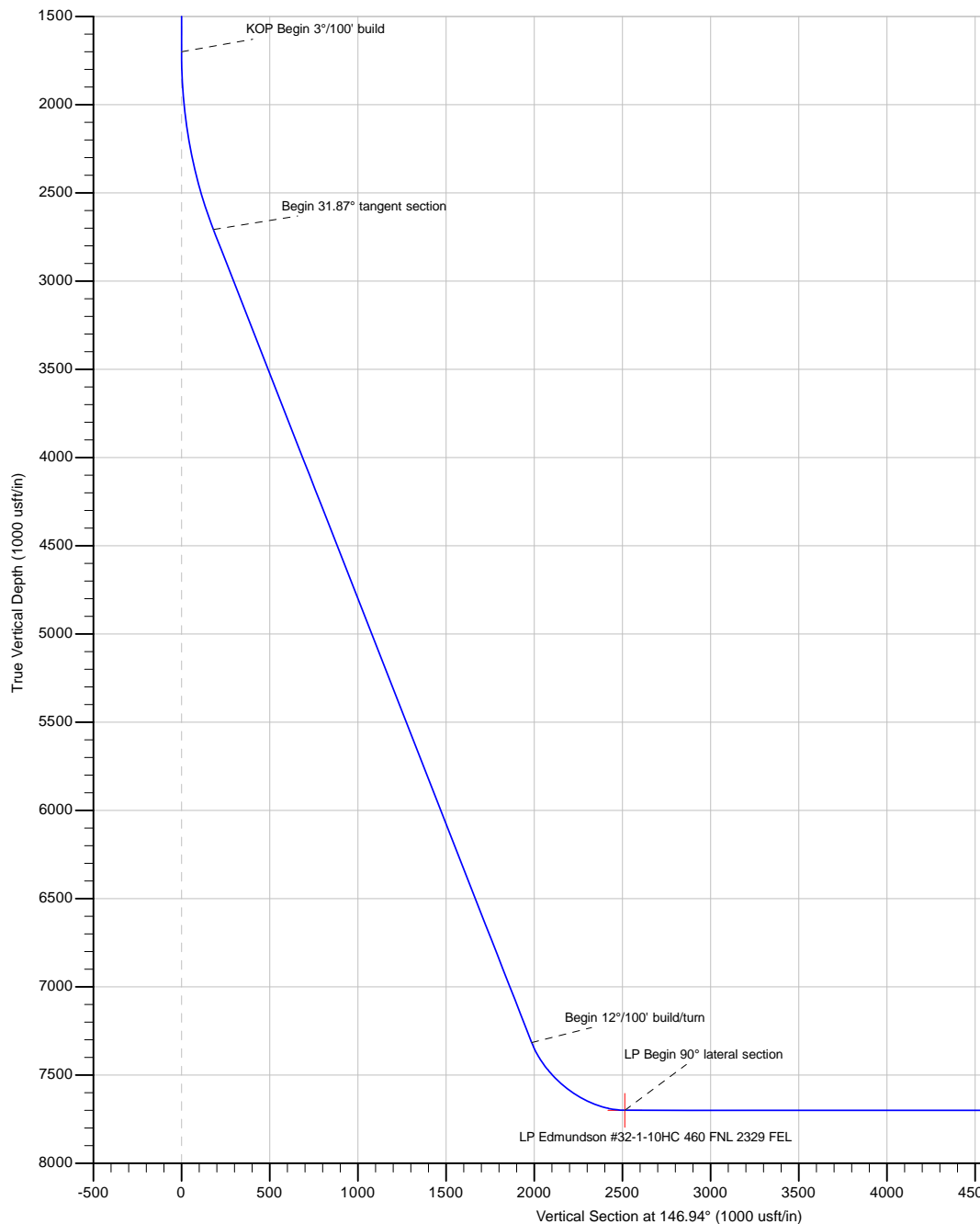




WARD PETROLEUM

Well: Edmundson #32-1-10HC
Site: Edmundson
Project: Adams County, Colorado
Design: rev0

Section Details										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	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	2762.42	31.87	95.98	2708.47	-29.99	286.39	3.00	95.98	181.38	Begin 31.87° tangent section
4	8188.20	31.87	95.98	7316.17	-328.36	3135.80	0.00	0.00	1985.97	Begin 12°/100' build/turn
5	8912.02	90.00	180.02	7700.00	-805.19	3373.00	12.00	84.94	2514.99	LP Begin 90° lateral section
6	13285.93	90.00	180.02	7700.00	-5179.10	3371.48	0.00	0.00	6179.80	PBHL/TD 13285.93 MD/7700.00 TVD



GM
 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

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=5059.6+17 @ 5076.60usft

Surf Loc: 365 FSL 374 FWL Section 30-T01S-R66W
 1218053.68 Easting 3193429.62 Latitude 39.92987277 Longitude -104.81026095