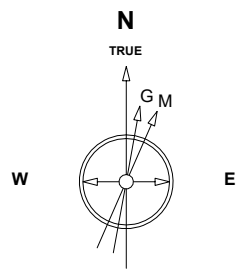
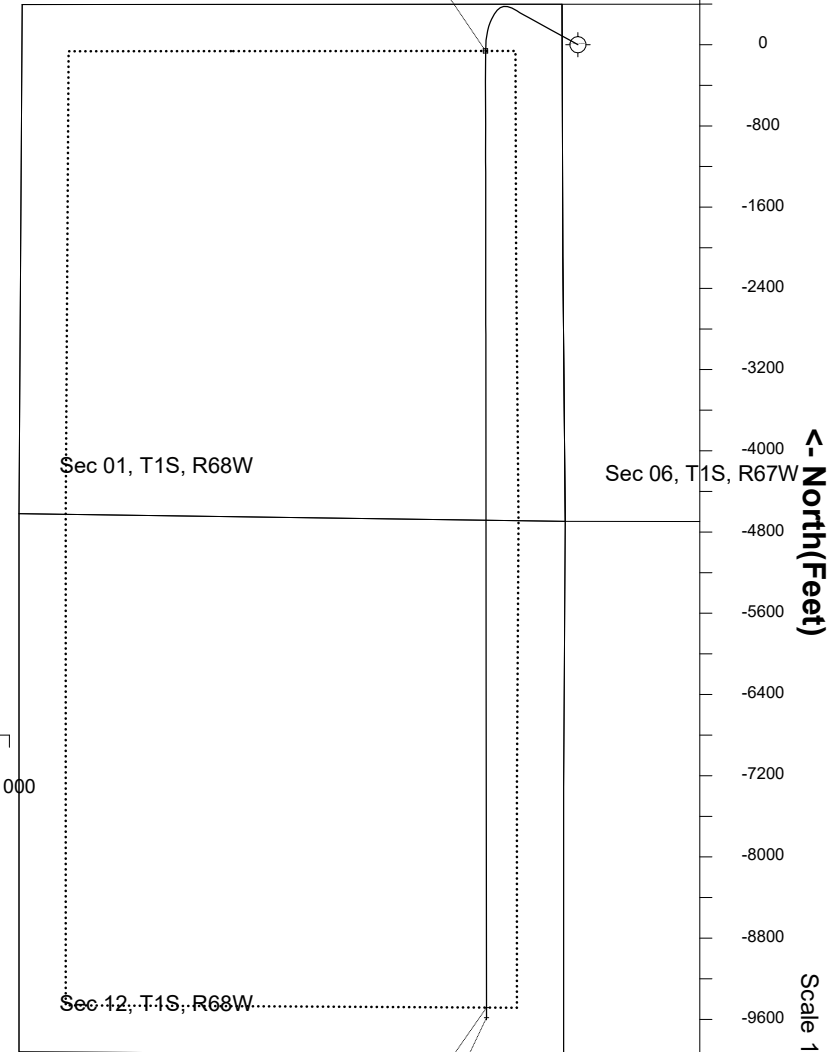
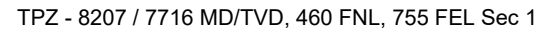
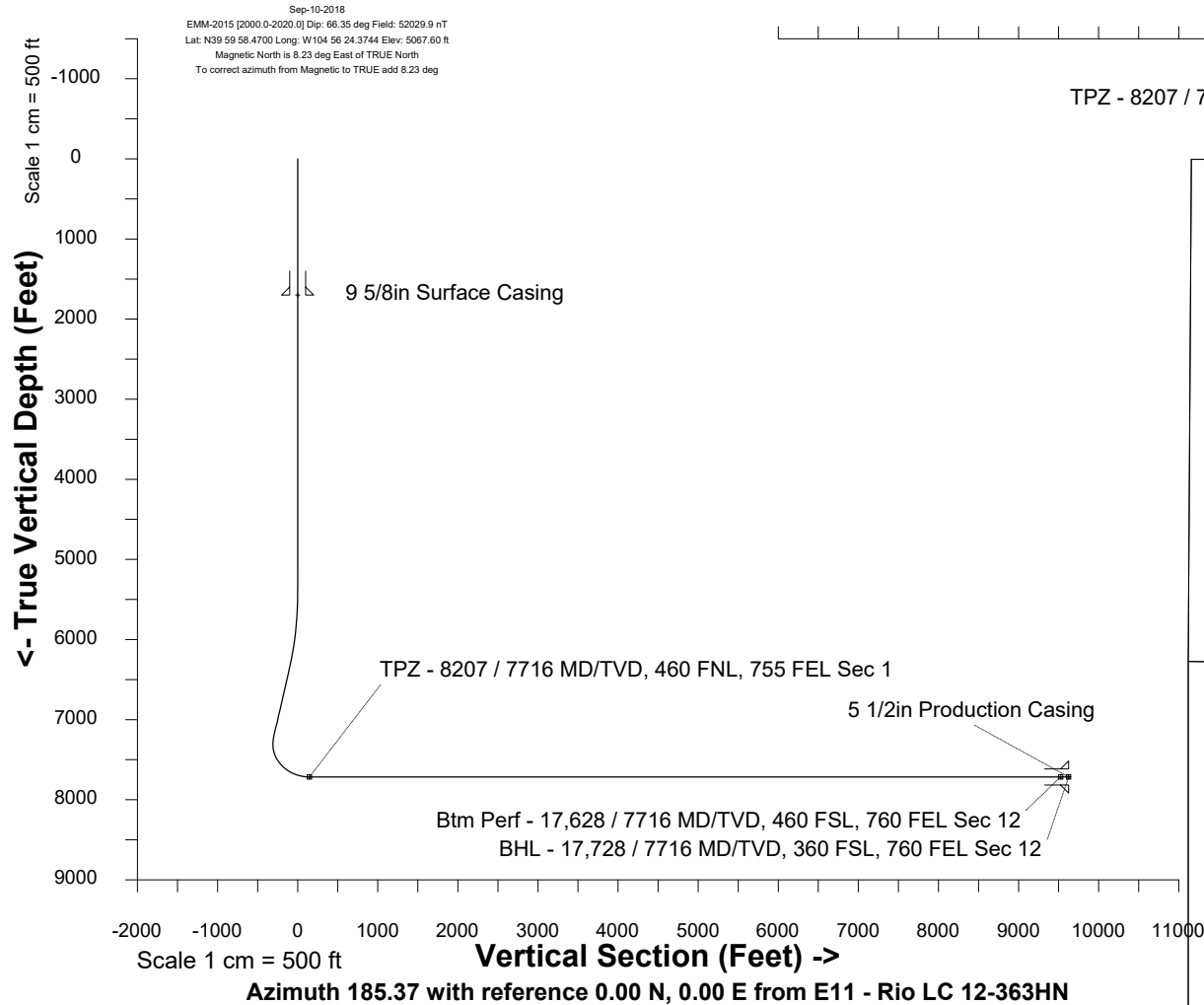


Location	Colorado	Slot	E11 - Rio LC 12-363HN
Field	Wattenburg	Well	Rio LC 12-363HN
Installation	Rio	Wellbore	Rio LC 12-363HN (PWB)

Created by	admin
Date plotted	11-Sep-2018
Plot reference is Rio LC 12-363HN (PWB).	
Ref wellpath is Rio LC 12-363HN (PWW#1).	
Coordinates are in Feet reference E11 - Rio LC 12-363HN.	
True Vertical Depths are reference Rig Datum.	
Measured Depths are reference Rig Datum.	
Rig Datum: Planned Datum #1	
Rig Datum to Mean Sea Level: 5087.60 ft.	
Plot North is aligned to TRUE North.	



East (Feet) ->



Btm Perf - 17,628 / 7716 MD/TVD, 460 FSL, 760 FEL Sec 12

BHL - 17,728 / 7716 MD/TVD, 360 FSL, 760 FEL Sec 12

WELL PROFILE DATA								
Point	MD	Inc	Azi	TVD	North	East	deg/100ft	V. Sect
Tie on	0.00	0.00	0.00	0.00	S 0.00	W 0.00		-0.00
KOP	5403.00	0.00	298.85	5403.00	S 0.00	W 0.00	0.00	-0.00
End of Build	6402.89	30.00	298.85	6357.83	N 123.42	W 224.08	3.00	-101.91
End of Hold	7407.16	30.00	298.85	7227.59	N 365.65	W 663.87	0.00	-301.92
Target TPZ - ... Sec 1	8207.04	90.00	179.94	7716.00	S 62.28	W 910.26	13.00	147.19
Target Btm Pe...Sec 12	17628.21	90.00	179.94	7716.00	S 9483.45	W 900.80	0.00	9526.13
End of Turn	17628.67	90.00	180.00	7716.00	S 9483.91	W 900.80	13.00	9526.59
T.D. & Target BHL... 12	17728.39	90.00	180.00	7716.00	S 9583.63	W 900.80	0.00	9625.87