

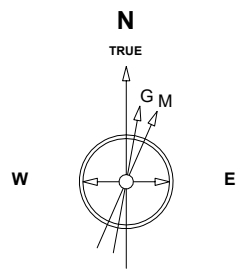
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Rio

Slot E03 - Rio LC 12-332HN
Well Rio LC 12-332HN
Wellbore Rio LC 12-332HN (PWB)

Created by admin
Date plotted 11-Sep-2018

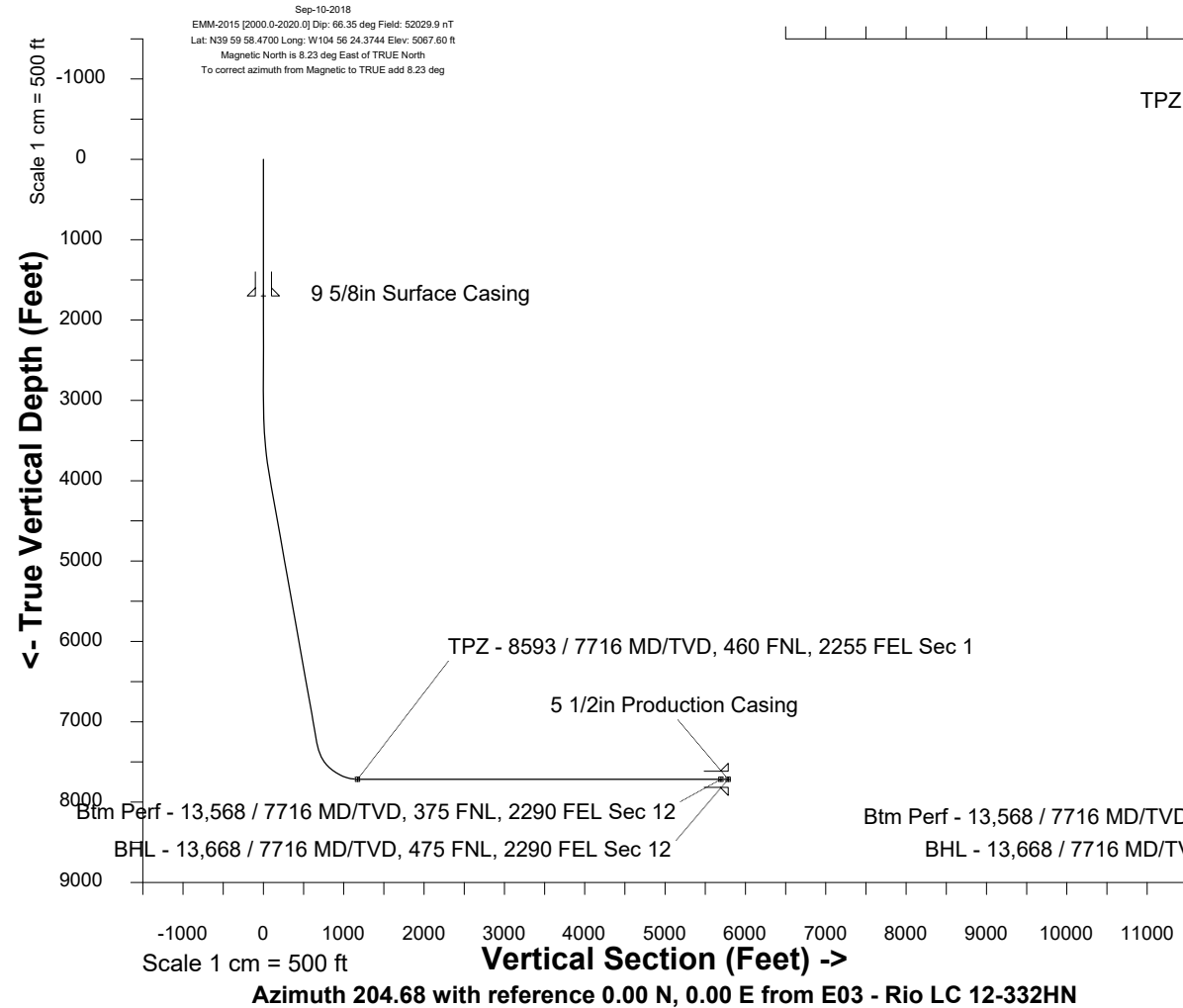
Plot reference is Rio LC 12-332HN (PWB).
Ref wellpath is Rio LC 12-332HN (PWP#1).
Coordinates are in Feet reference E03 - Rio LC 12-332HN.
True Vertical Depths are reference Rig Datum.
Measured Depths are reference Rig Datum.
Rig Datum: Planned Datum #1
Rig Datum to Mean Sea Level: 5087.60 ft.
Plot North is aligned to TRUE North.



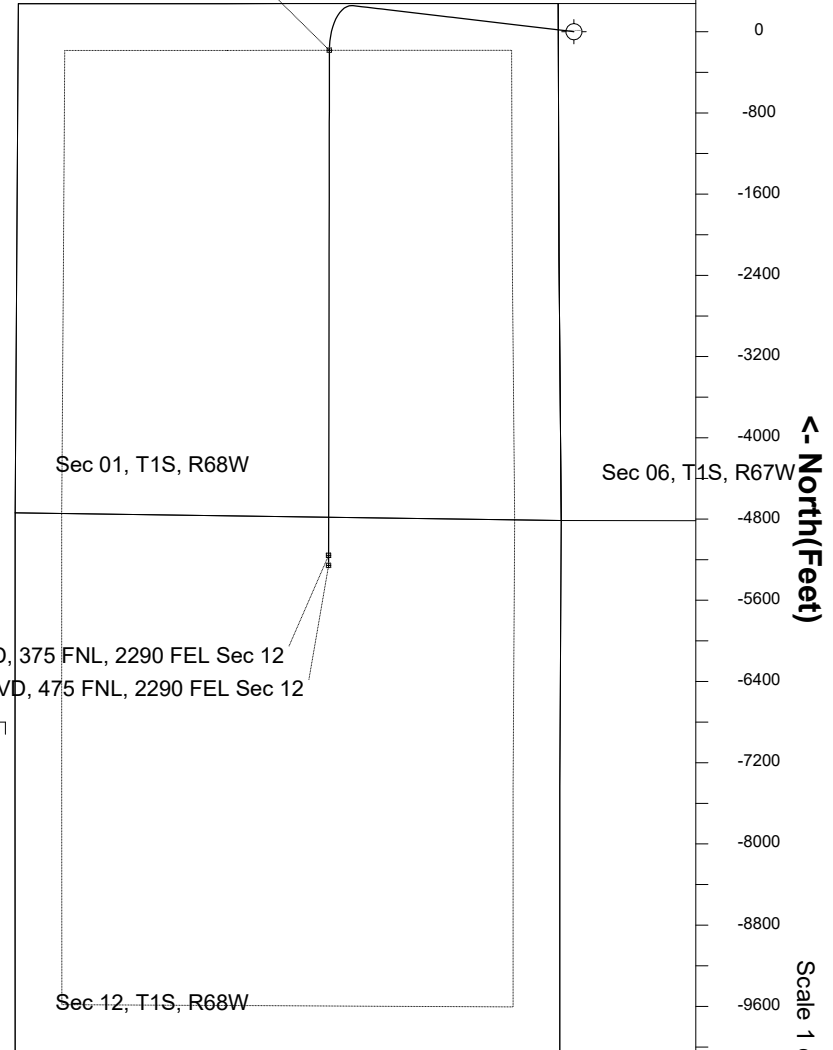
Scale 1 cm = 400 ft

East (Feet) ->

-9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800



TPZ - 8593 / 7716 MD/TVD, 460 FNL, 2255 FEL Sec 1



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	3005.00	0.00	276.72	3005.00	S 0.00	W 0.00	0.00	-0.00
End of Build	4004.94	30.00	276.72	3959.88	N 29.96	W 254.08	3.00	78.88
End of Hold	7875.07	30.00	276.72	7311.57	N 256.53	W 2175.74	0.00	675.44
Target TPZ - ... Sec 1	8592.87	90.00	180.09	7716.00	S 183.12	W 2408.32	13.00	1172.05
Target Btm Pe...Sec 12	13567.57	90.00	180.09	7716.00	S 5157.82	W 2415.81	0.00	5695.39
End of Turn	13569.43	90.00	180.33	7716.00	S 5159.68	W 2415.81	13.00	5697.09
T.D. & Target BHL... 12	13667.75	90.00	180.33	7716.00	S 5257.99	W 2416.38	0.00	5786.66