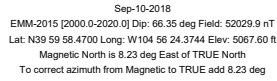
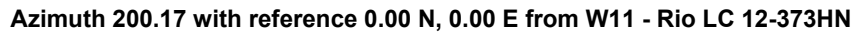


<b>Location</b>	Colorado	<b>Slot</b>	W11 - Rio LC 12-373HN
<b>Field</b>	Wattenburg	<b>Well</b>	Rio LC 12-373HN
<b>Installation</b>	Rio	<b>Wellbore</b>	Rio LC 12-373HN (PWB)

Plot reference is Rio LC 12-373HN (PWB).  
Ref wellpath is Rio LC 12-373HN (PWP#1).  
Coordinates are in Feet reference W11 - Rio LC 12-373HN.  
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) ->**



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	1300.00	0.00	276.57	1300.00	S 0.00	W 0.00	0.00	-0.00
End of Build	2349.71	31.49	276.57	2297.65	N 32.21	W 279.43	3.00	66.14
End of Hold	8109.43	31.49	276.57	7209.09	N 376.70	W 3268.34	0.00	773.59
Target TPZ - ... Sec 1	8828.00	90.00	180.03	7608.00	S 63.14	W 3511.34	13.00	1270.24
Target Btm Pe...Sec 12	18233.88	90.00	180.03	7608.00	S 9469.01	W 3516.03	0.00	10100.67
End of Turn	18235.28	90.00	179.85	7608.00	S 9470.42	W 3516.03	13.00	10101.98
T.D. & Target BHL... 12	18333.69	90.00	179.85	7608.00	S 9568.83	W 3515.76	0.00	10194.26

