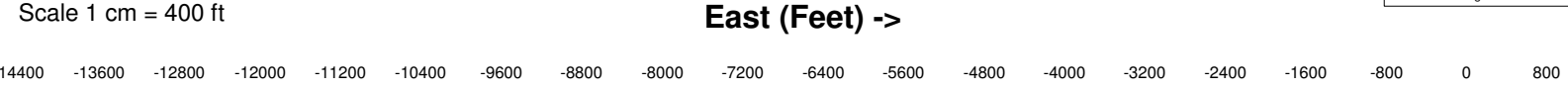
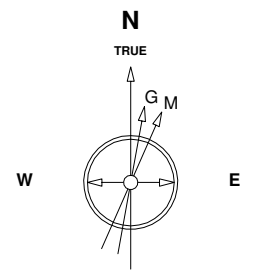


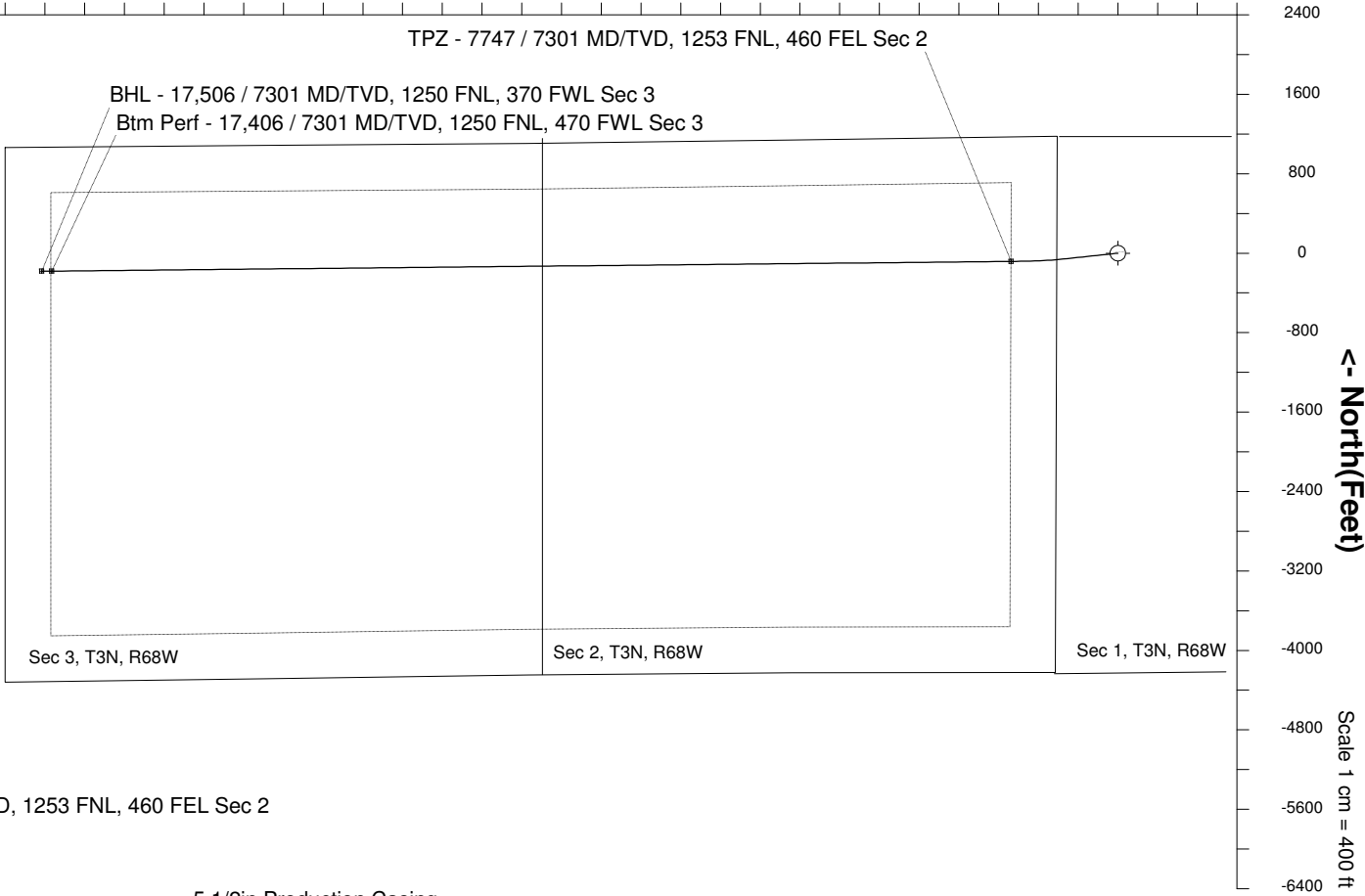
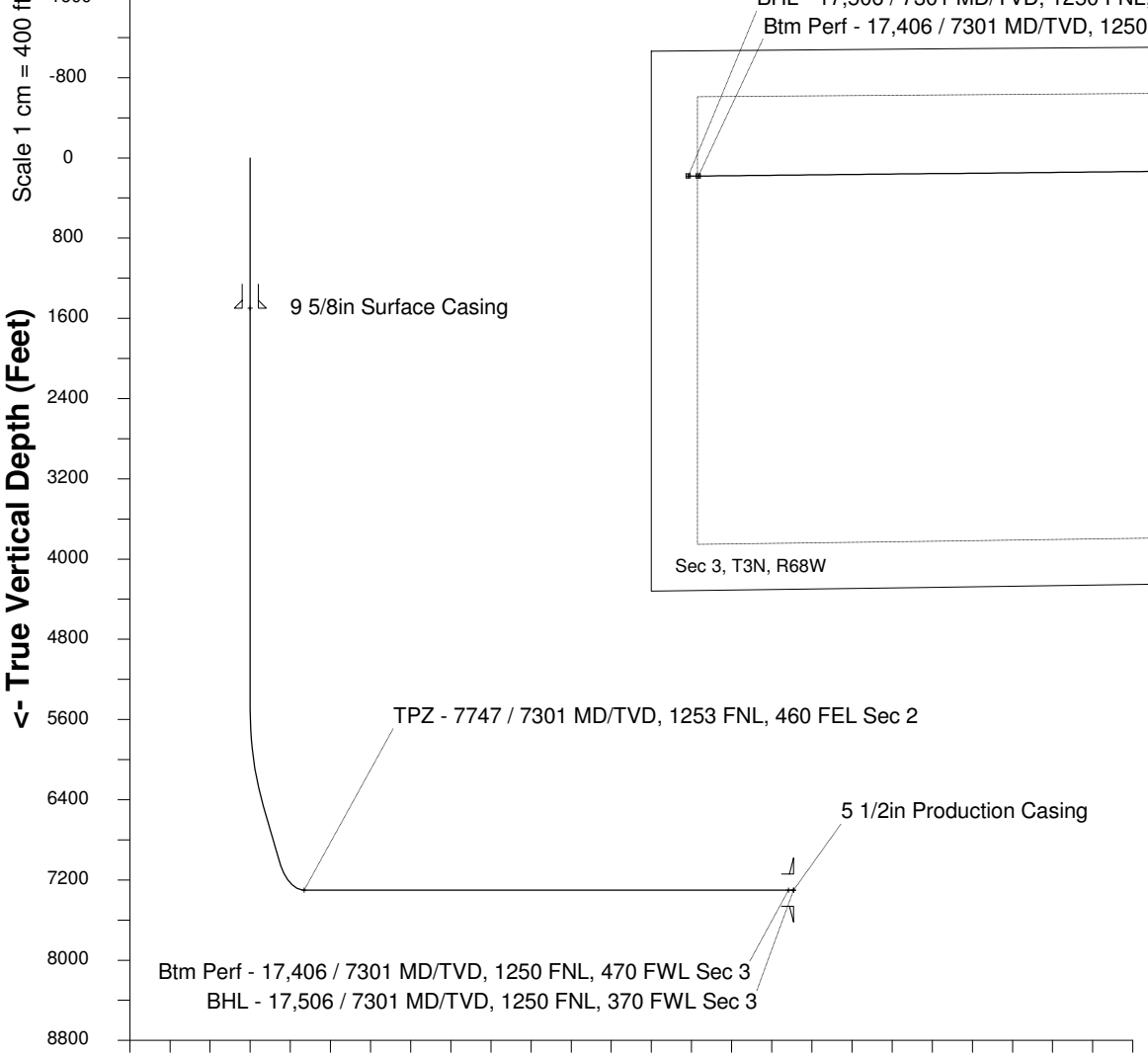
# Great Western Operating Company, LLC

<b>Location</b>	Colorado	<b>Slot</b>	Slot N08 - Wilson IC 03-099HC
<b>Field</b>	Wattenburg	<b>Well</b>	Wilson IC 03-099HC
<b>Installation</b>	Wilson	<b>Wellbore</b>	Wilson IC 03-099HC (PWB)

Created by admin  
Date plotted 4-Oct-2017  
Plot reference is Wilson IC 03-099HC (PWB).  
Ref wellpath is Wilson IC 03-099HC (PWP#1).  
Coordinates are in Feet reference Slot N08 - Wilson IC 03-099HC.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 5005.80 ft.  
Plot North is aligned to TRUE North.



22-Sep-2016  
IGRF Model [1900.0-2020.0] Dip: 66.73 deg Field: 52381.9 nT  
Lat: N40 15 34.6500 Long: W104 57 32.1084 Elev: 4985.80 ft  
Magnetic North is 8.38 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.38 deg



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	5495.50	0.00	263.88	5495.50	S 0.00	W 0.00	0.00	-0.00
End of Build	6495.60	30.00	263.88	6450.51	S 27.30	W 254.46	9.84	254.88
End of Hold	7145.87	30.00	263.88	7013.65	S 61.98	W 577.77	0.00	578.73
Target TPZ - ... Sec 2	7747.39	90.00	269.42	7301.00	S 83.04	W 1074.54	32.81	1075.77
Target Btm Pe... Sec 3	17405.65	90.00	269.42	7301.00	S 180.92	W 10732.30	0.00	10733.82
End of Turn	17410.21	90.00	270.01	7301.00	S 180.94	W 10736.86	42.65	10738.38
T.D. & Target BHL...c 3	17505.65	90.00	270.01	7301.00	S 180.92	W 10832.30	0.00	10833.81

Azimuth 269.04 with reference 0.00 N, 0.00 E from Slot N08 - Wilson IC 03-099HC