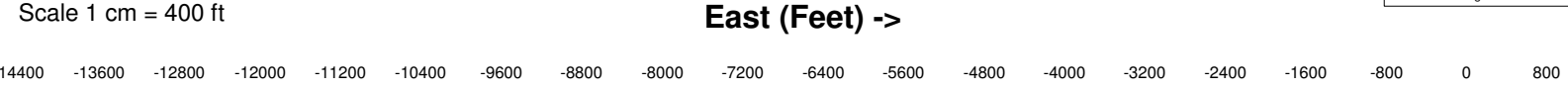
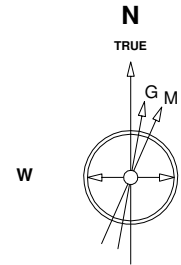


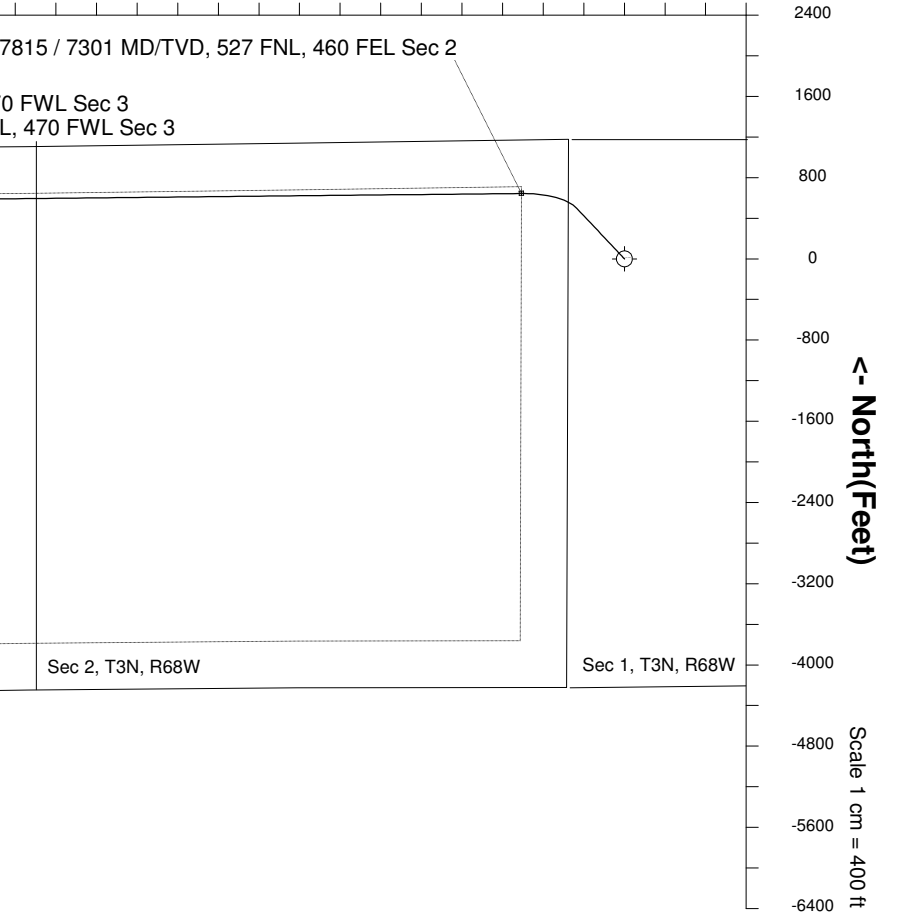
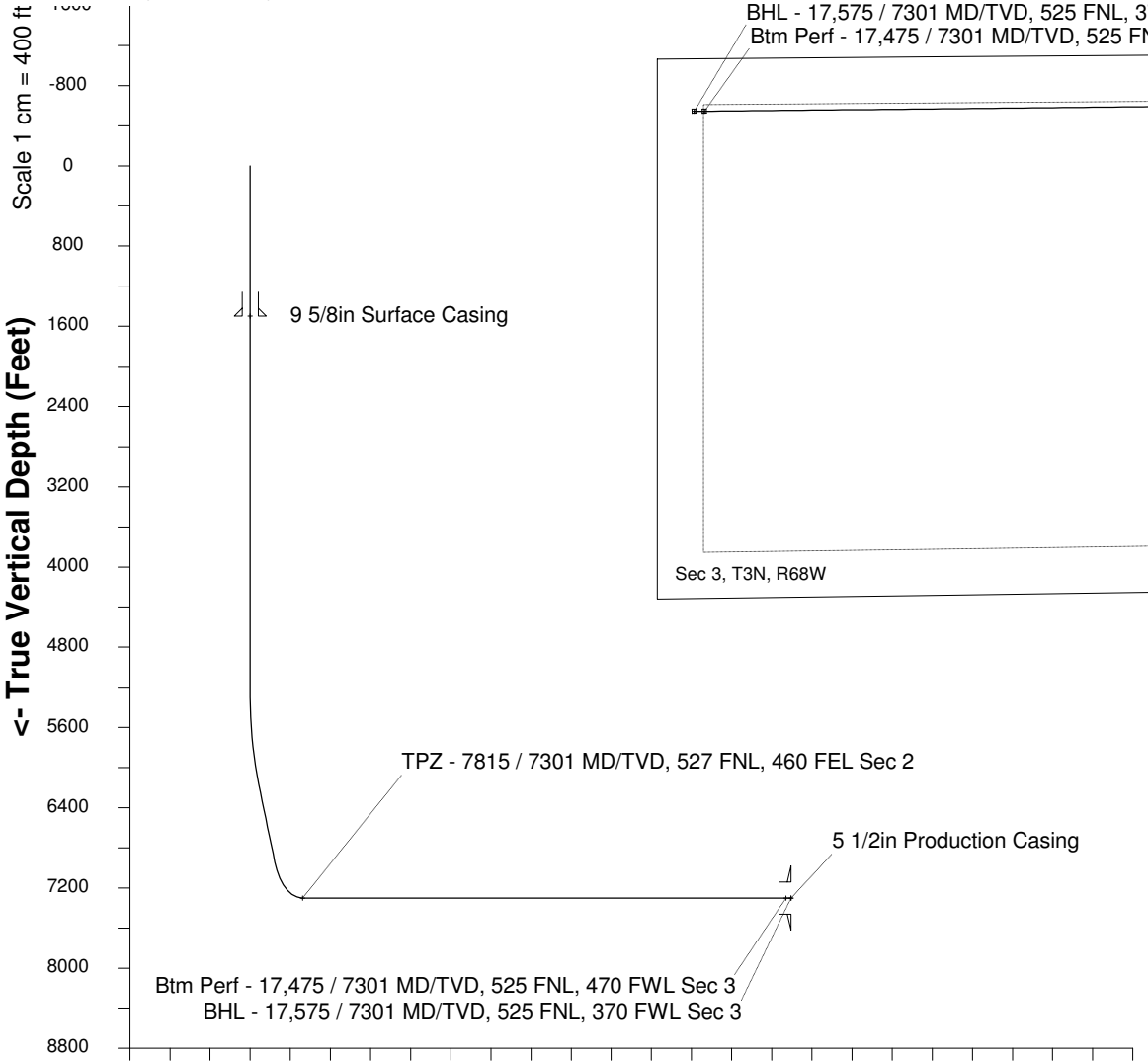
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Wilson  
**Slot** Slot N04 - Wilson IC 03-022HC  
**Well** Wilson IC 03-022HC  
**Wellbore** Wilson IC 03-022HC (PWB)

Created by admin  
 Date plotted 4-Oct-2017  
 Plot reference is Wilson IC 03-022HC (PWB).  
 Ref wellpath is Wilson IC 03-022HC (PWP#1).  
 Coordinates are in Feet reference Slot N04 - Wilson IC 03-022HC.  
 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



Scale 1 cm = 800 ft  
**Vertical Section (Feet) ->**  
 Azimuth 272.89 with reference 0.00 N, 0.00 E from Slot N04 - Wilson IC 03-022HC

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	5248.00	0.00	316.73	5248.00	S 0.00	W 0.00	0.00	0.00
End of Build	6248.04	30.00	316.73	6202.97	N 186.32	W 175.41	9.84	184.58
End of Hold	7113.38	30.00	316.73	6952.36	N 501.35	W 472.00	0.00	496.67
Target TPZ - ... Sec 2	7815.24	90.00	269.41	7301.00	N 643.74	W 1012.55	32.81	1043.71
Target Btm Pe... Sec 3	17475.47	90.00	269.41	7301.00	N 543.66	W 10672.26	0.00	10686.09
End of Turn	17480.17	90.00	270.02	7301.00	N 543.63	W 10676.95	42.65	10690.78
T.D. & Target BHL...c 3	17575.47	90.00	270.02	7301.00	N 543.66	W 10772.26	0.00	10785.97