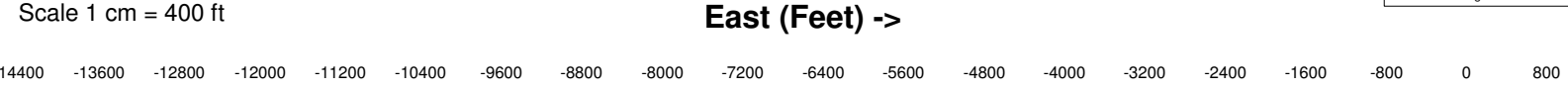
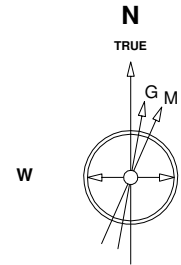


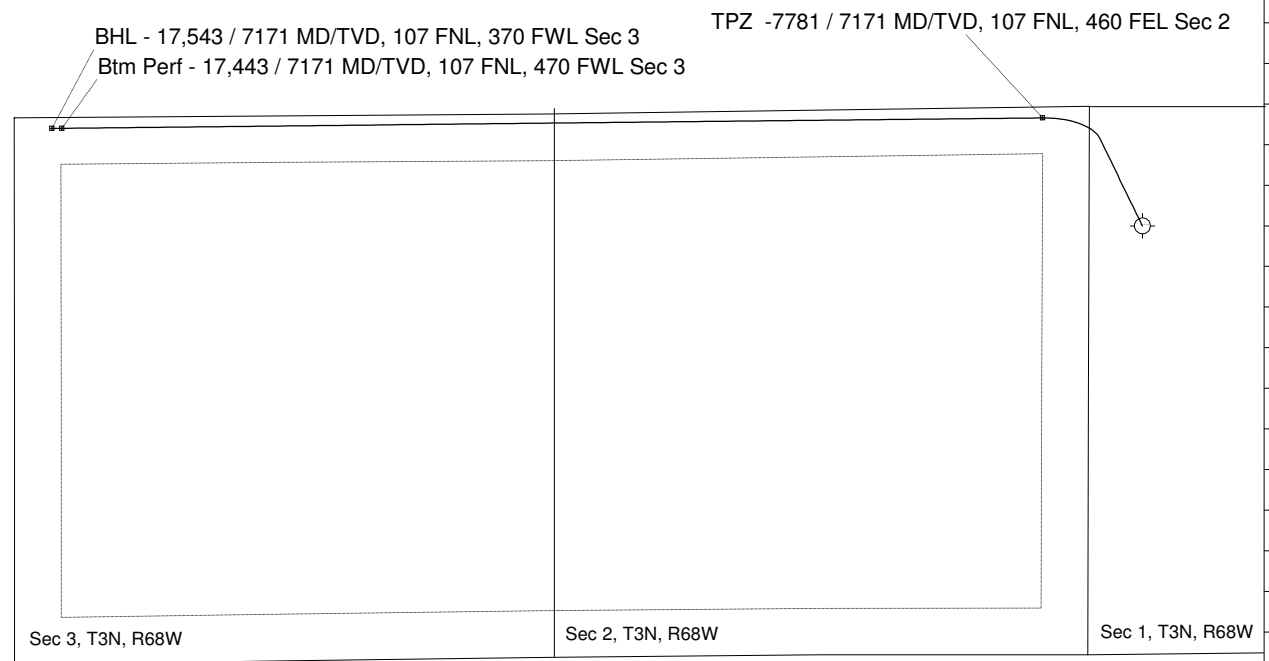
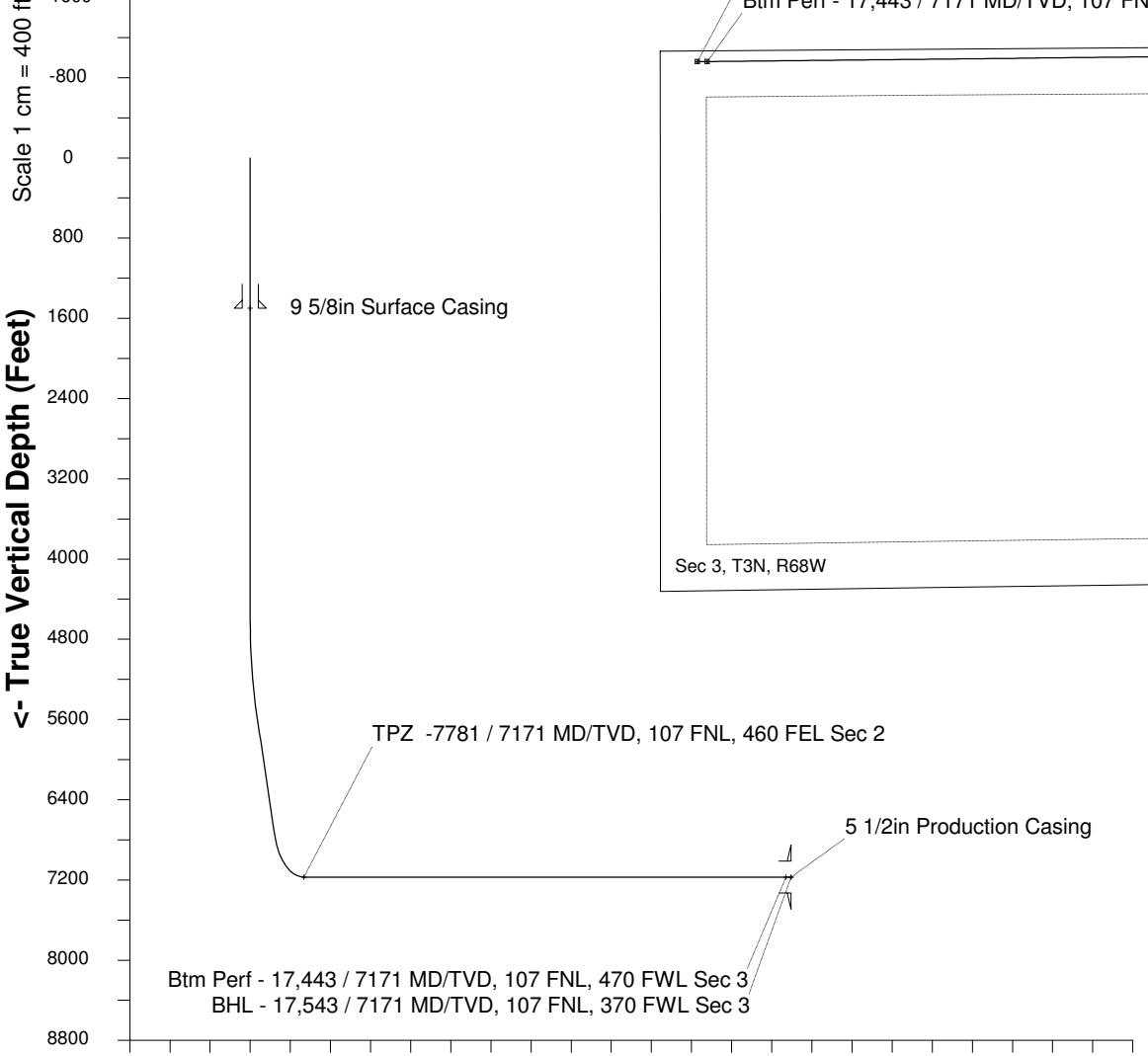
Great Western Operating Company, LLC

Location Colorado
Field Wattenburg
Installation Wilson
Slot Slot N02 - Wilson IC 03-019HN
Well Wilson IC 03-019HN
Wellbore Wilson IC 03-019HN (PWB)

Created by admin
 Date plotted 4-Oct-2017
 Plot reference is Wilson IC 03-019HN (PWB).
 Ref wellpath is Wilson IC 03-019HN (PWP#1).
 Coordinates are in Feet reference Slot N02 - Wilson IC 03-019HN.
 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 275.11 with reference 0.00 N, 0.00 E from Slot N02 - Wilson IC 03-019HN

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	4602.00	0.00	334.01	4602.00	S 0.00	W 0.00	0.00	0.00
End of Build	5601.91	30.00	334.01	5556.85	N 229.96	W 112.10	9.84	132.14
End of Hold	7004.85	30.00	334.01	6771.87	N 860.44	W 419.46	0.00	494.45
Target TPZ -... Sec 2	7781.09	90.00	269.40	7171.00	N 1062.69	W 981.27	32.81	1072.04
Target Btm Pe... Sec 3	17442.85	90.00	269.40	7171.00	N 960.77	W 10642.49	0.00	10685.77
End of Turn	17447.61	90.00	270.01	7171.00	N 960.75	W 10647.26	42.65	10690.51
T.D. & Target BHL...c 3	17542.84	90.00	270.01	7171.00	N 960.77	W 10742.49	0.00	10785.37