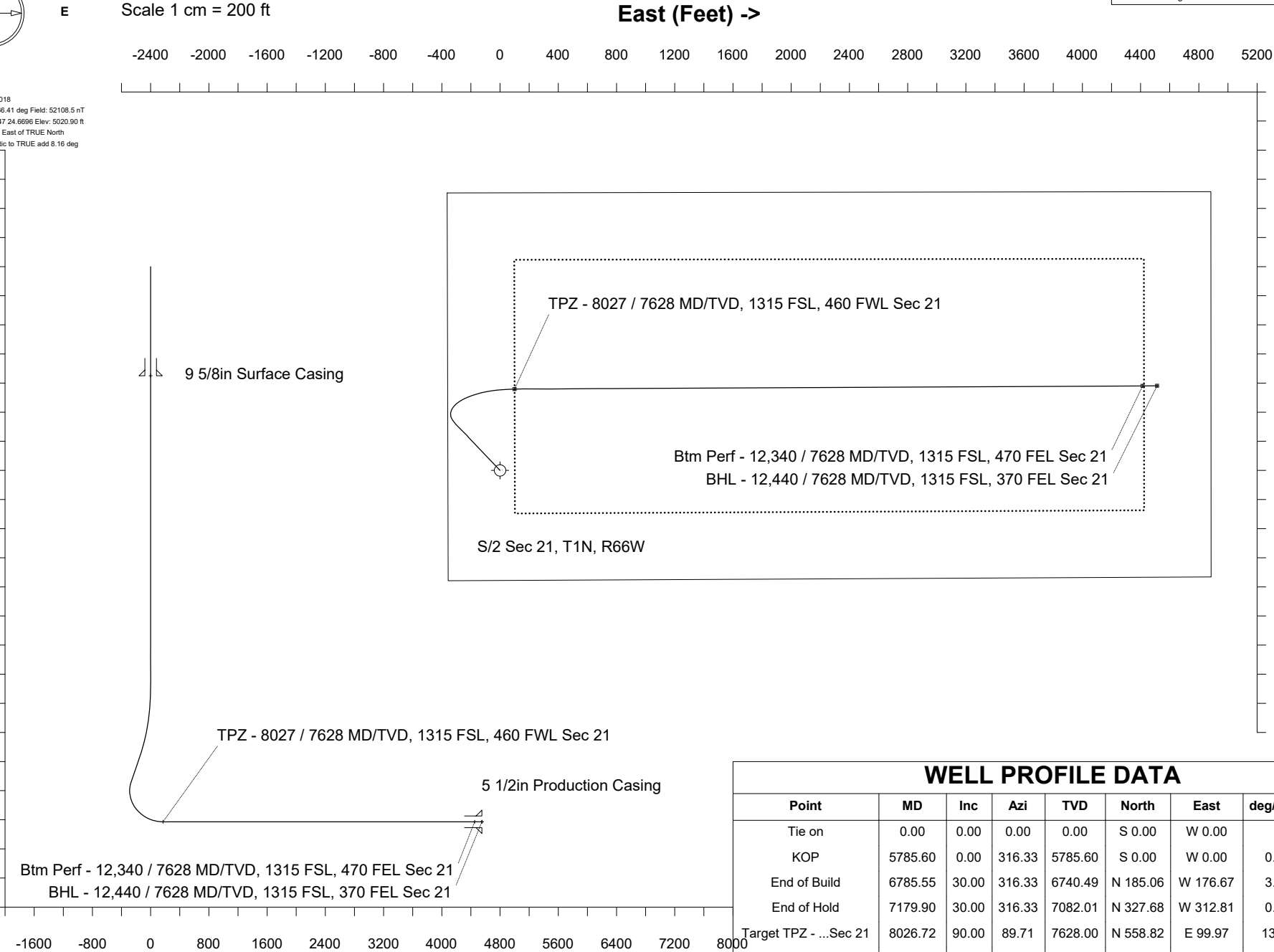


May-21-2018
EMM-2015 [2000.0-2020.0] Dip: 66.41 deg Field: 52108.5 nT
Lat: N40 1 54.0372 Long: W104 47 24.6696 Elev: 5020.90 ft
Magnetic North is 8.16 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.16 deg

Scale 1 cm = 400 ft
True Vertical Depth (Feet)



Scale 1 cm = 400 ft

Vertical Section (Feet) ->

Azimuth 82.66 with reference 0.00 N, 0.00 E from W05 - Sack KE 21-319HC

Great Western Operating Company, LLC			
Location	Colorado	Slot	W05 - Sack KE 21-319HC
Field	Wattenburg	Well	Sack KE 21-319HC
Installation	Sack	Wellbore	Sack KE 21-319HC (PWB)

Created by	admin
Date plotted	21-May-2018
Plot reference is Sack KE 21-319HC (PWB).	
Ref wellpath is Sack KE 21-319HC (PWP#1).	
Coordinates are in Feet reference W05 - Sack KE 21-319HC.	
True Vertical Depths are reference Rig Datum.	
Measured Depths are reference Rig Datum.	
Rig Datum: Planned Datum #1	
Rig Datum to Mean Sea Level: 5040.90 ft.	
Plot North is aligned to TRUE North.	

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	5785.60	0.00	316.33	5785.60	S 0.00	W 0.00	0.00	0.00
End of Build	6785.55	30.00	316.33	6740.49	N 185.06	W 176.67	3.00	-151.59
End of Hold	7179.90	30.00	316.33	7082.01	N 327.68	W 312.81	0.00	-268.41
Target TPZ - ...Sec 21	8026.72	90.00	89.71	7628.00	N 558.82	E 99.97	13.00	170.51
Target Btm Pe...Sec 21	12340.33	90.00	89.71	7628.00	N 580.34	E 4413.52	0.00	4451.50
End of Turn	12341.43	90.00	89.57	7628.00	N 580.35	E 4414.62	13.00	4452.59
T.D. & Target BHL... 21	12440.30	90.00	89.57	7628.00	N 581.09	E 4513.49	0.00	4550.75