

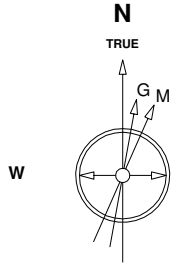
# Great Western Operating Company, LLC

**Location** Colorado  
**Field** Wattenburg  
**Installation** Schneider - North

**Slot** Slot 02 - Schneider HD 11-019HN  
**Well** Schneider HD 11-019HN  
**Wellbore** Schneider HD 11-019HN (PWB)

Created by admin  
Date plotted 27-Jul-2017

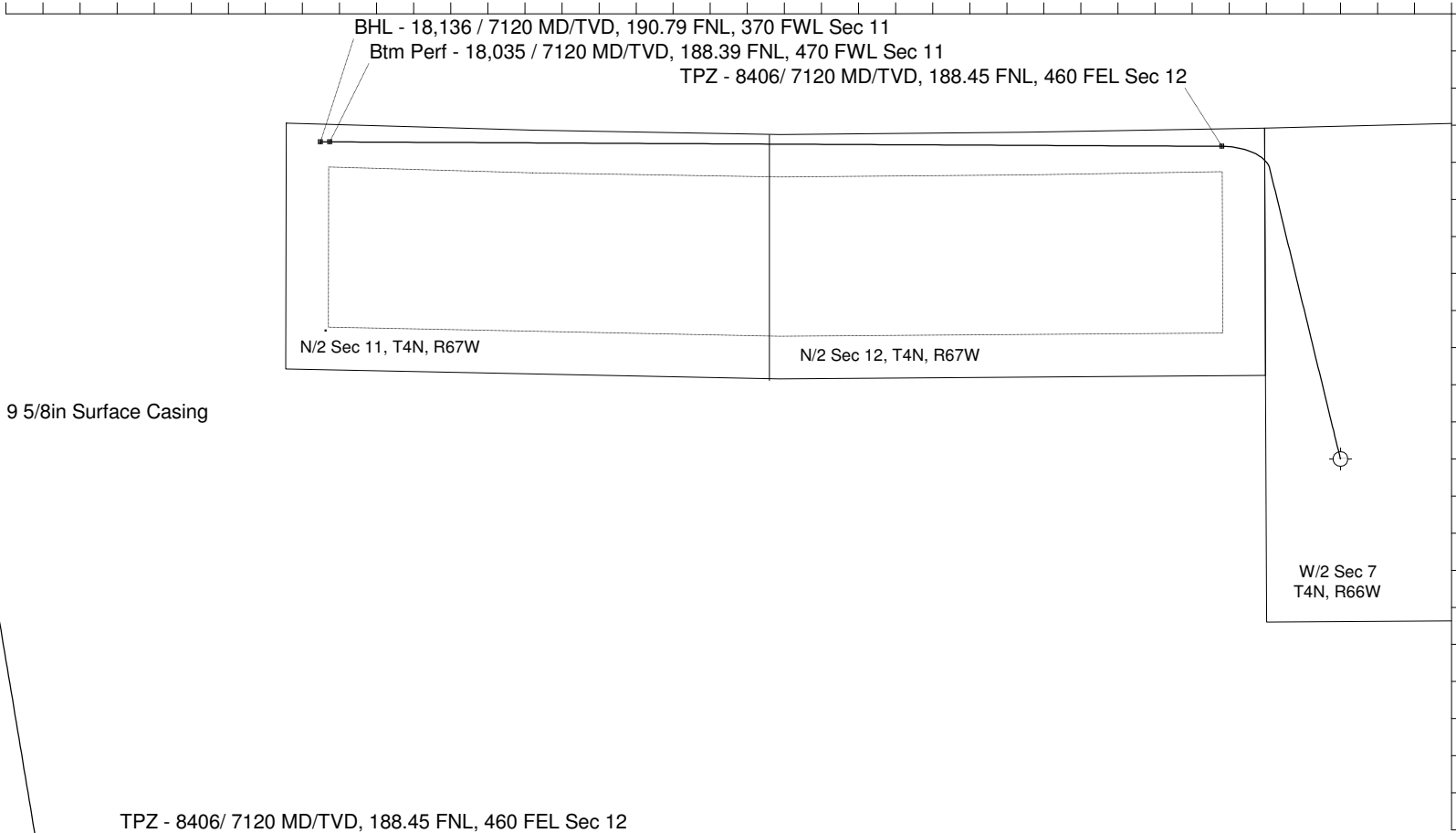
Plot reference is Schneider HD 11-019HN (PWB).  
Ref wellpath is Schneider HD 11-019HN (PWP#1).  
Coordinates are in Feet reference Slot 02 - Schneider HD 11-019HN.  
True Vertical Depths are reference Rig Datum.  
Measured Depths are reference Rig Datum.  
Rig Datum: Planned Datum #1  
Rig Datum to Mean Sea Level: 4752.40 ft.  
Plot North is aligned to TRUE North.



Scale 1 cm = 400 ft

East (Feet) ->

-14400 -13600 -12800 -12000 -11200 -10400 -9600 -8800 -8000 -7200 -6400 -5600 -4800 -4000 -3200 -2400 -1600 -800 0 800



29-Sep-2014  
IGRF Model [1900.0-2020.0] Dip: 66.86 deg Field: 52660.1 nT  
Lat: N40 19 26.4108 Long: W104 49 36.8184 Elev: 4732.40 ft  
Magnetic North is 8.53 deg East of TRUE North  
To correct azimuth from Magnetic to TRUE add 8.53 deg

<- True Vertical Depth (Feet)

<- North(Feet)

Scale 1 cm = 400 ft

TPZ - 8406/ 7120 MD/TVD, 188.45 FNL, 460 FEL Sec 12

5 1/2in Production Casing

Btm Perf - 18,035 / 7120 MD/TVD, 188.39 FNL, 470 FWL Sec 11  
BHL - 18,136 / 7120 MD/TVD, 190.79 FNL, 370 FWL Sec 11

Scale 1 cm = 800 ft

Vertical Section (Feet) ->

Azimuth 287.26 with reference 0.00 N, 0.00 E from Slot 02 - Schneider HD 11-019HN

## 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	1200.00	0.00	346.31	1200.00	S 0.00	W 0.00	0.00	0.00
End of Build	2297.27	32.92	346.31	2237.90	N 297.92	W 72.59	9.84	157.71
End of Hold	7656.70	32.92	346.31	6736.85	N 3127.67	W 762.03	0.00	1655.72
Target TPZ - ...Sec 12	8406.29	90.00	270.29	7120.00	N 3370.97	W 1277.17	36.09	2219.85
Target Btm Pe...Sec 11	18035.47	90.00	270.29	7120.00	N 3419.61	W 10906.23	0.00	11429.73
End of Turn	18037.53	90.00	270.02	7120.00	N 3419.62	W 10908.28	42.65	11431.69
T.D. & Target BHL... 11	18135.56	90.00	270.02	7120.00	N 3419.66	W 11006.32	0.00	11525.32