

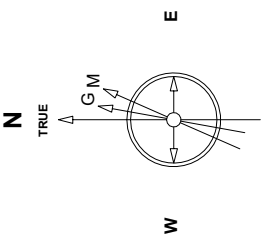
Great Western Operating Company, LLC

Location	Colorado	Slot	S07 - Brant LE 08-282HNX
Field	Wattenburg	Well	Brant LE 08-282HNX
Installation	Brant	Wellbore	Brant LE 08-282HNX (AWB)

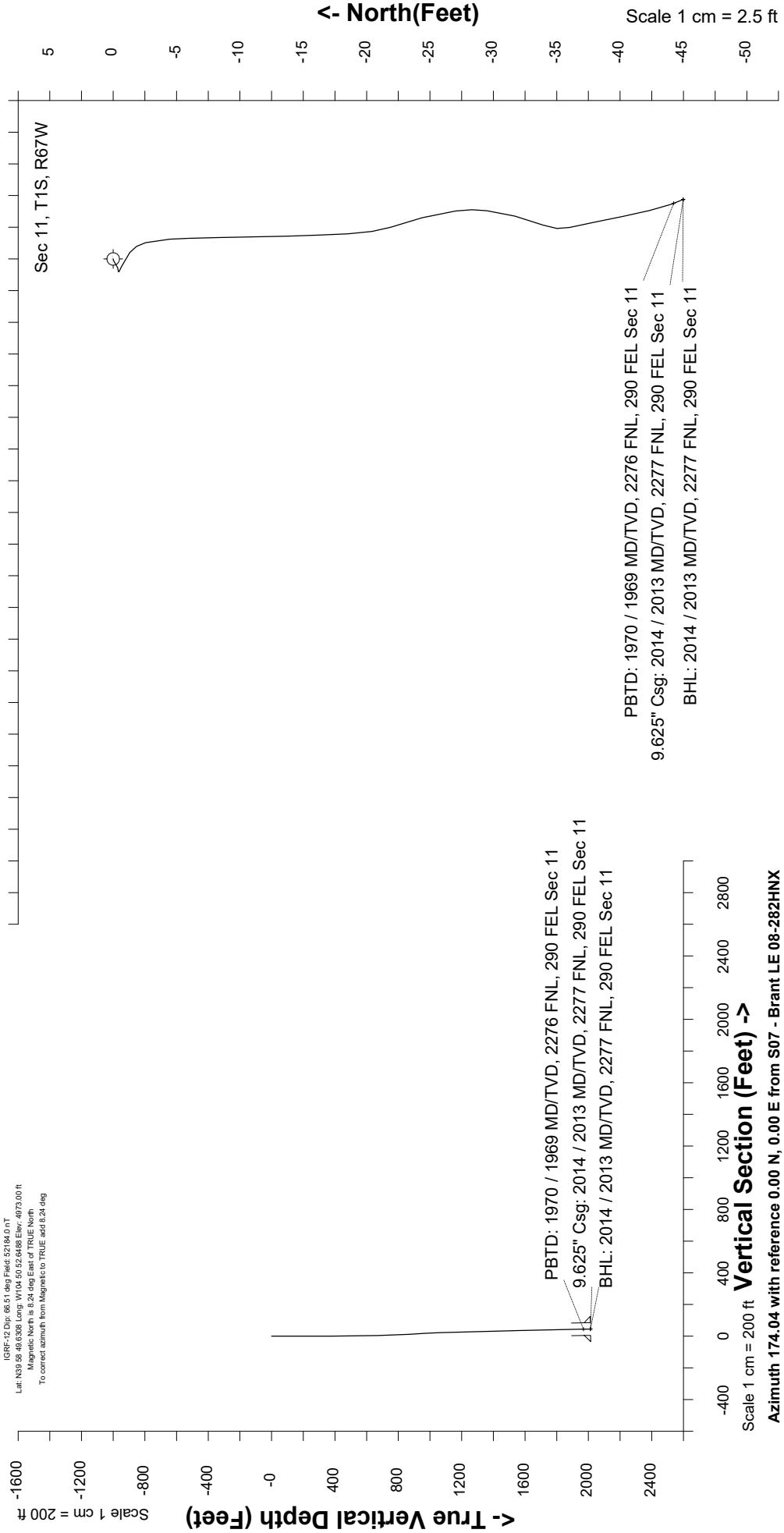
Scale 1 cm = 2.5 ft

East (Feet) ->

Created by	mmount
Date plotted	29-Oct-2020
Plot reference is	Brant LE 08-282HNX (AWB).
Ref wellpath is	Brant LE 08-282HNX (AWP#1).
Coordinates are in	Feet reference S07 - Brant LE 08-282HNX.
True Vertical Depths are	reference Rig Datum.
Measured Depths are	reference Rig Datum.
Rig Datum:	Actual Datum #1
Rig Datum to Mean Sea Level:	4978.00 ft.
Plot North is	aligned to TRUE North.



Apr-14-2017
 IGRF-12 Date: 06.51 deg Field: 527.04 o n T
 Lat: N39.58, 49.6388 Long: W104.50, 52.0488 Elev: 4973.00 ft
 Magnetic North is 8.24 deg East of TRUE North
 To correct azimuth from Magnetic to TRUE: add 8.24 deg



Scale 1 cm = 200 ft
Vertical Section (Feet) ->
 Azimuth 174.04 with reference 0.00 N, 0.00 E from S07 - Brant LE 08-282HNX

Scale 1 cm = 2.5 ft

← North(Feet)

Great Western Operating Co, LLC
 Directional Survey Report
 Wellpath: Brant LE 08-282HNX
 MDs and TVDs are from Rig Floor 4978.0ft above Mean Sea Level

Wellpath Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	DLS [deg/100ft]	Vertical Section[ft]
0.00	0.00	0.00	0.00	0.00	0.00		0.00
80.00	0.22	254.55	80.00	-0.04	-0.15	0.27	0.03
168.00	0.22	226.51	168.00	-0.20	-0.43	0.12	0.16
251.00	0.22	255.08	251.00	-0.35	-0.70	0.13	0.28
343.00	0.18	265.10	343.00	-0.41	-1.02	0.06	0.30
433.00	0.75	112.61	433.00	-0.65	-0.61	1.01	0.58
523.00	0.92	127.02	522.99	-1.31	0.51	0.30	1.36
613.00	1.05	166.40	612.97	-2.55	1.28	0.75	2.67
702.00	1.45	175.71	701.95	-4.46	1.55	0.50	4.60
792.00	3.38	179.05	791.87	-8.25	1.68	2.15	8.38
882.00	3.52	178.53	881.71	-13.67	1.80	0.16	13.78
972.00	2.68	176.94	971.57	-18.53	1.98	0.94	18.63
1062.00	1.67	162.27	1061.51	-21.88	2.49	1.27	22.02
1152.00	1.67	164.11	1151.47	-24.39	3.25	0.06	24.60
1242.00	1.76	172.72	1241.43	-27.02	3.78	0.30	27.27
1332.00	1.41	187.93	1331.40	-29.49	3.81	0.60	29.73
1422.00	1.45	193.73	1421.37	-31.69	3.38	0.17	31.87
1512.00	1.54	201.47	1511.34	-33.92	2.67	0.25	34.02
1602.00	1.27	165.43	1601.31	-36.02	2.48	1.01	36.08
1692.00	1.41	170.26	1691.29	-38.07	2.92	0.20	38.17
1782.00	1.41	166.48	1781.26	-40.24	3.36	0.10	40.37
1872.00	1.32	168.77	1871.23	-42.33	3.82	0.12	42.50
1957.00	1.05	158.13	1956.22	-44.02	4.30	0.41	44.23
2014.00	1.05	158.13	2013.21	-44.99	4.69	==>	45.23