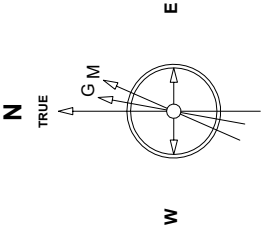


Great Western Operating Company, LLC

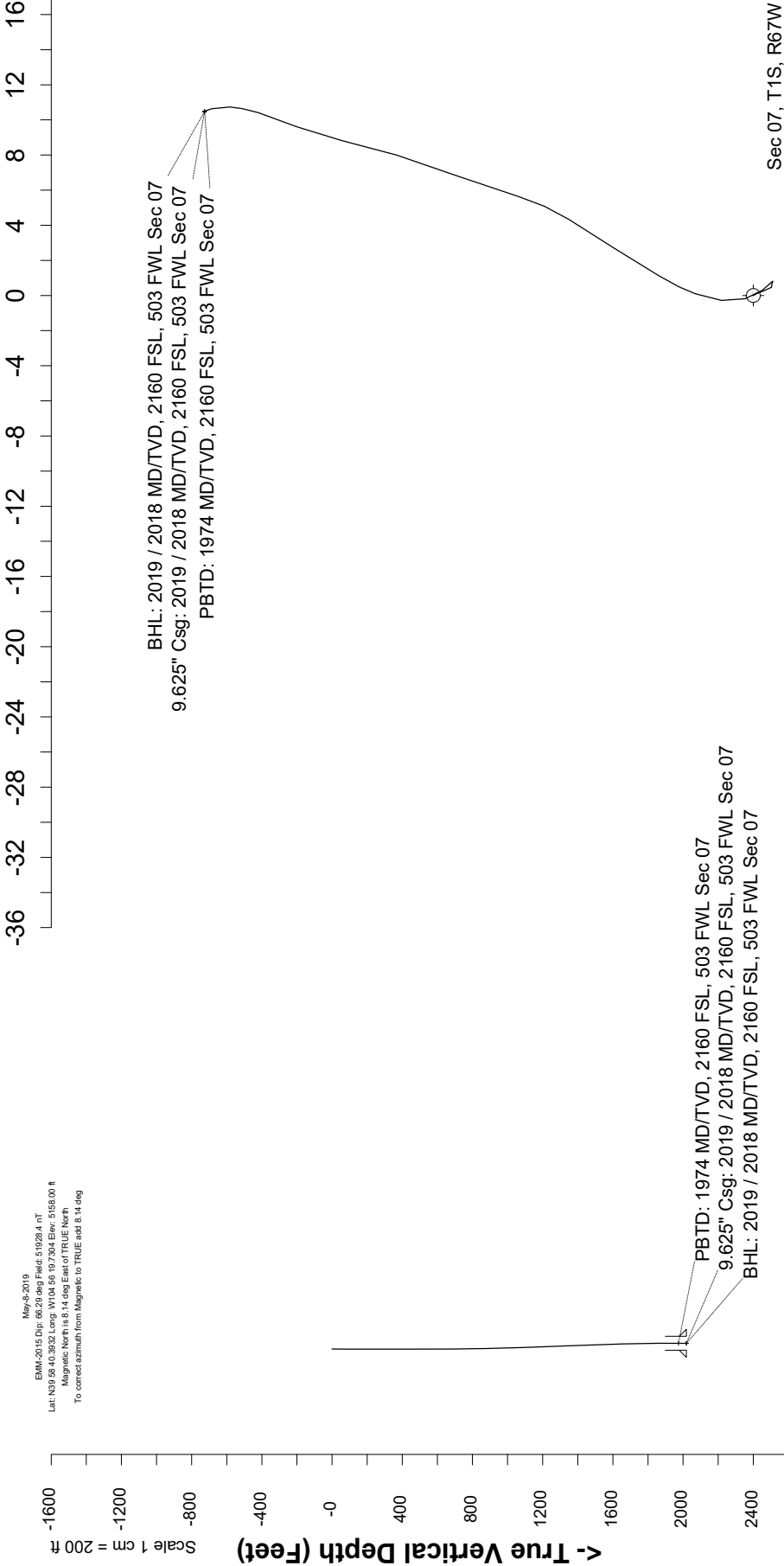
Location	Colorado	Slot	N07 - Tollway LC 24-365HC
Field	Wattenburg	Well	Tollway LC 24-365HC
Installation	Tollway	Wellbore	Tollway LC 24-365HC - Surface Hole



May-5-2019
EMA-2015 Dir: 66.20 deg Field: 51928.4 nT
Lat: N39 58.40.3032 Long: W104 56 19 7.304 Elev: 5155.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg

Scale 1 cm = 2 ft

East (Feet) ->



Scale 1 cm = 200 ft

Vertical Section (Feet) ->

Azimuth 18.51 with reference 0.00 N, 0.00 E from N07 - Tollway LC 24-365HC

<- North(Feet)

Scale 1 cm = 2 ft

Header Information		measured depth (ft)	inclination (°)	azimuth (°)	true vertical depth (ft)	northing +N/-S (ft)	easting +E/-W (ft)
	Operator Name	0	0.00	0.00	0	0.00	0.00
	Great Western Oil & Gas Company LLC	84	0.27	149.13	84	-0.17	0.10
	Operator Number	170	0.47	163.30	170	-0.68	0.31
	10110	260	0.07	91.65	260	-1.04	0.47
	Well Name and Number	353	0.18	100.89	353	-1.07	0.67
	Tollway LC 24-365HC	442	0.03	144.20	442	-1.11	0.82
	API Number (if available)	532	0.27	319.50	532	-0.97	0.70
	05-001-10433	622	0.52	318.29	622	-0.50	0.29
	Location: QQ SEC TWP RGE	712	0.88	343.04	712	0.46	-0.19
	NWSW Sec 7 1S 67W	802	0.88	9.00	802	1.81	-0.28
	Citing Type: Planned or Actual	892	1.09	18.67	892	3.30	0.10
	Actual	982	1.89	30.46	982	5.39	1.13
	Deviation Indicator	1072	1.92	32.91	1072	7.94	2.70
	Horizontal	1162	1.99	31.93	1162	10.53	4.34
	North Reference	1252	2.09	16.98	1252	13.42	5.65
	True	1342	2.49	19.97	1342	16.83	6.80
	Grid Type	1432	2.23	17.93	1432	20.33	8.00
		1522	1.83	11.01	1522	23.41	8.82
		1611	1.66	23.43	1611	25.99	9.60
		1701	1.35	16.12	1701	28.20	10.41
		1791	0.77	2.56	1790	29.83	10.74
		1881	0.57	343.25	1880	30.86	10.63
		1963	0.03	292.64	1962	31.26	10.50
		2019	0.03	292.64	2018	31.27	10.47