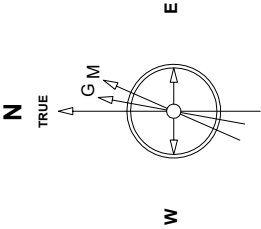
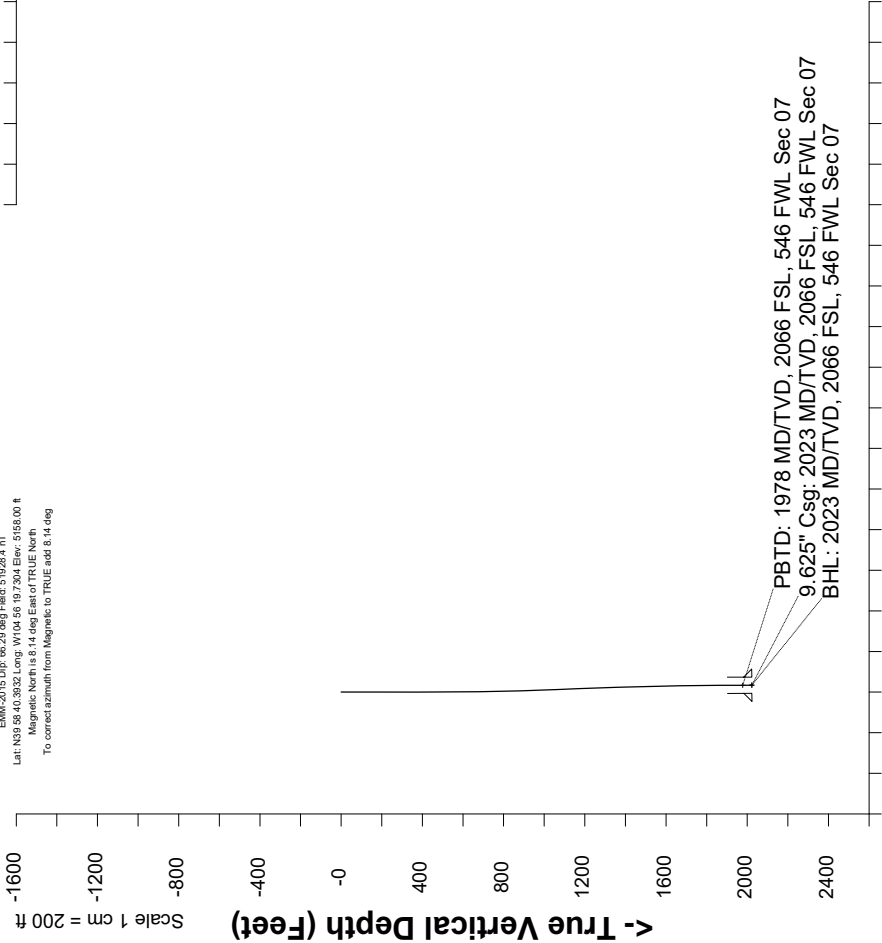


Great Western Operating Company, LLC

Location	Colorado	Slot	N12 - Tollway LC 24-368HN
Field	Wattenburg	Well	Tollway LC 24-368HN
Installation	Tollway	Wellbore	Tollway LC 24-368HN - Surface Hole

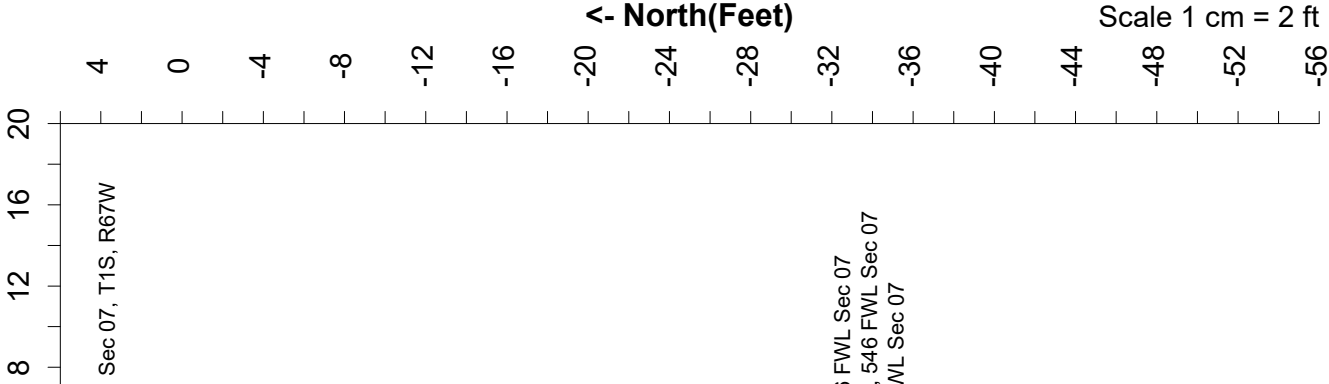


May 4, 2019
EMA-2015 Dir. 6620 dir. Field 51928.4 nT
Lat: N39 58.40.3032 Long: W104 56 19.7304 Elev: 5155.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



Scale 1 cm = 200 ft
Azimuth 204.86 with reference 0.00 N, 0.00 E from N12 - Tollway LC 24-368HN

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	0.67	123.68	84	-0.27	0.41
	Operator Number	170	0.15	121.11	170	-0.61	0.92
	10110	262	0.24	293.00	262	-0.60	0.85
	Well Name and Number	355	0.24	321.07	355	-0.37	0.55
	Tollway LC 24-368HN	444	0.05	191.67	444	-0.26	0.42
	API Number (if available)	534	0.15	324.08	534	-0.20	0.35
	05-001-10435	624	1.20	221.29	624	-0.82	-0.35
	Location: QQ SEC TWP RGE	714	1.14	204.45	714	-2.34	-1.34
	NWSW Sec 7 1S 67W	804	1.18	201.10	804	-4.02	-2.04
	Citing Type: Planned or Actual	894	1.91	208.14	894	-6.21	-3.08
	Actual	984	2.16	201.33	984	-9.11	-4.41
	Deviation Indicator	1074	1.85	206.60	1074	-11.99	-5.67
	Horizontal	1164	2.29	197.64	1164	-15.00	-6.87
	North Reference	1254	2.05	203.34	1254	-18.19	-8.05
	True	1344	1.69	203.94	1344	-20.88	-9.23
	Grid Type	1434	1.50	208.84	1434	-23.13	-10.34
		1524	1.62	205.99	1524	-25.30	-11.46
		1613	1.41	207.34	1613	-27.41	-12.52
		1703	0.69	201.24	1703	-28.90	-13.22
		1793	0.41	186.58	1793	-29.72	-13.45
		1883	0.35	230.33	1883	-30.22	-13.70
		1967	0.34	220.55	1967	-30.57	-14.06
		2023	0.34	220.55	2023	-30.82	-14.28