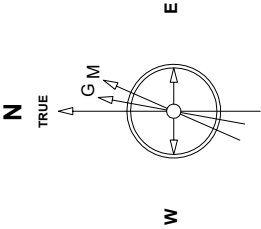
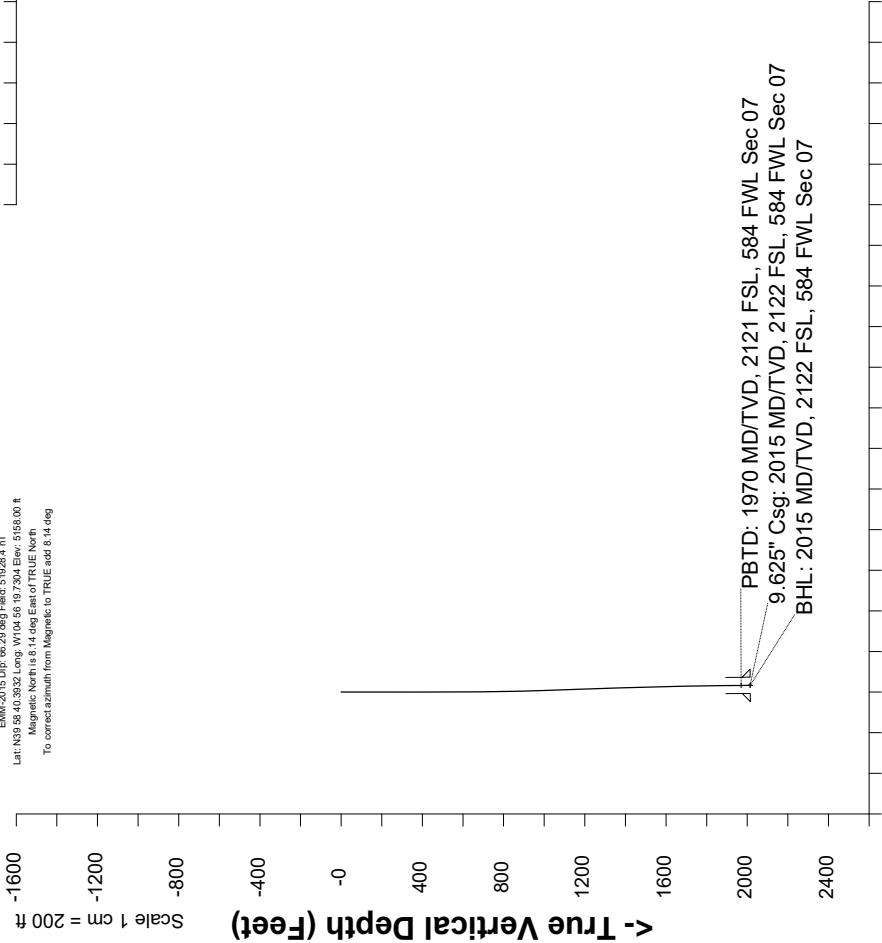


Great Western Operating Company, LLC

Location	Colorado	Slot	N13 - Tollway LC 24-369HN
Field	Wattenburg	Well	Tollway LC 24-369HN
Installation	Tollway	Wellbore	Tollway LC 24-369HN - Surface Hole

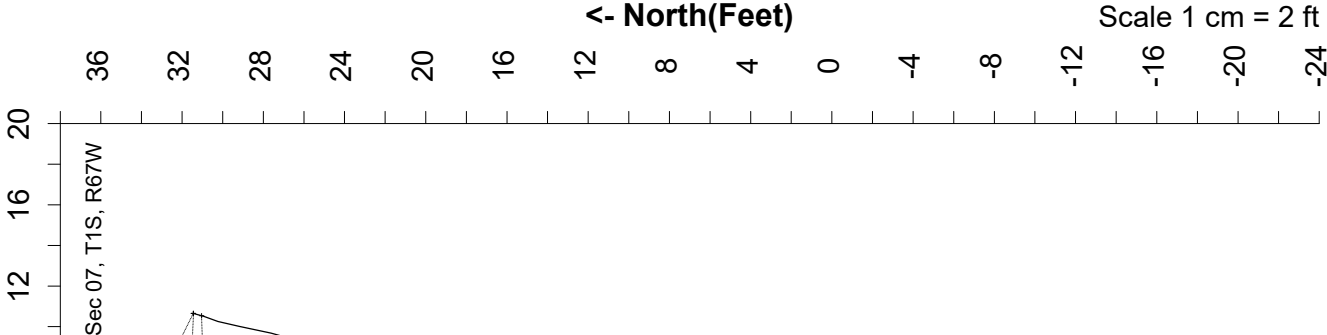


May-5-2019
EMA-2015 Dir: 66.20 deg Field: 51928.4 nT
Lat: N39 58.40 39.32 Long: W104 56 19 7.304 Elev: 5155.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



Scale 1 cm = 200 ft
Vertical Section (Feet) ->
Azimuth 18.72 with reference 0.00 N, 0.00 E from N13 - Tollway LC 24-369HN

Scale 1 cm = 2 ft
East (Feet) ->



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	0.20	69.68	84	0.05	0.14
Operator Number		170	0.17	123.82	170	0.03	0.38
10110		262	0.57	136.44	262	-0.38	0.81
Well Name and Number		355	0.55	45.66	355	-0.40	1.45
Tollway LC 24-369HN		444	0.57	301.96	444	0.13	1.38
API Number (if available)		534	0.46	356.02	534	0.73	0.98
05-001-10429		624	0.11	227.08	624	1.03	0.89
Location: QQ SEC TWP RGE		714	0.24	333.77	714	1.14	0.74
NWSW Sec 7 1S 67W		804	1.23	35.36	804	2.10	1.22
Citing Type: Planned or Actual		894	1.75	29.83	894	4.08	2.46
Actual		984	1.81	32.54	984	6.47	3.91
Deviation Indicator		1074	1.87	29.87	1074	8.94	5.40
Horizontal ▼		1164	2.39	17.88	1164	12.00	6.71
North Reference		1254	2.02	18.76	1254	15.29	7.80
True ▼		1344	1.98	6.43	1344	18.34	8.48
Grid Type		1434	1.38	3.98	1434	20.96	8.73
▼		1524	1.65	1.74	1524	23.34	8.85
		1613	1.38	13.79	1613	25.66	9.14
		1703	1.20	17.21	1703	27.61	9.68
		1793	0.84	5.04	1793	29.17	10.01
		1883	0.57	24.27	1883	30.24	10.26
		1959	0.55	15.66	1959	30.93	10.51
		2015	0.55	15.66	2015	31.45	10.65