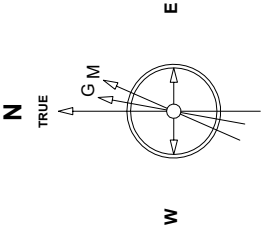
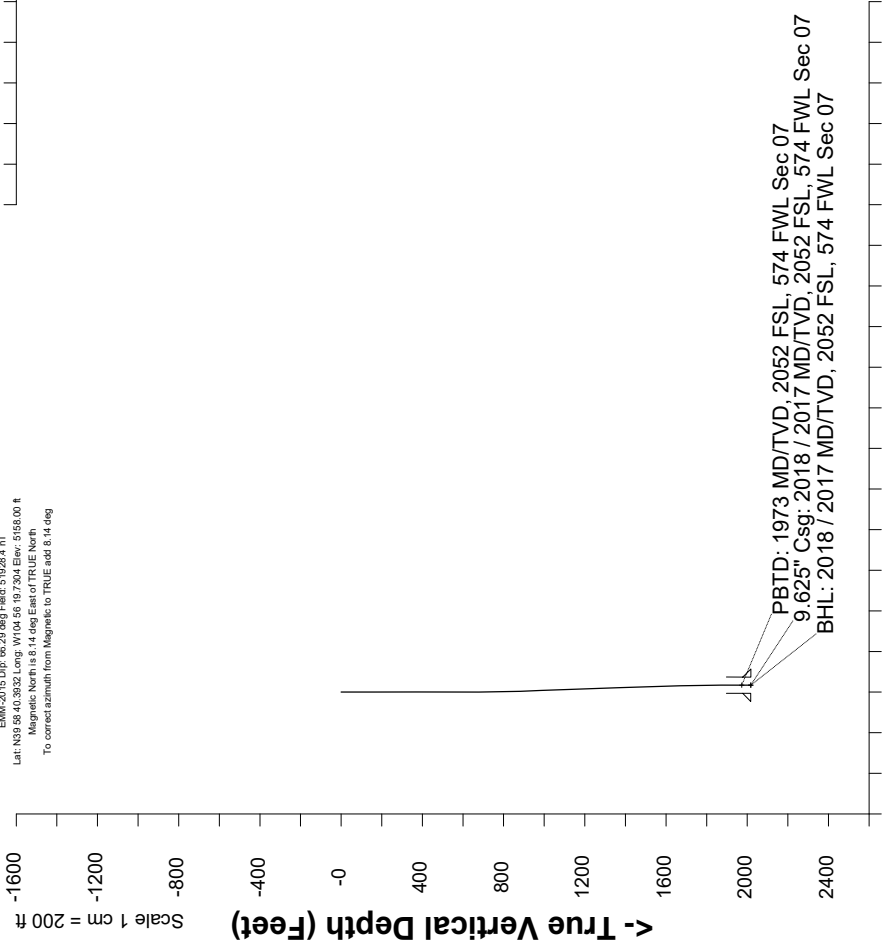


Great Western Operating Company, LLC

Location	Colorado	Slot	N14 - Tollway LC 24-369HNX
Field	Wattenburg	Well	Tollway LC 24-369HNX
Installation	Tollway	Wellbore	Tollway LC 24-369HNX - Surface Hole

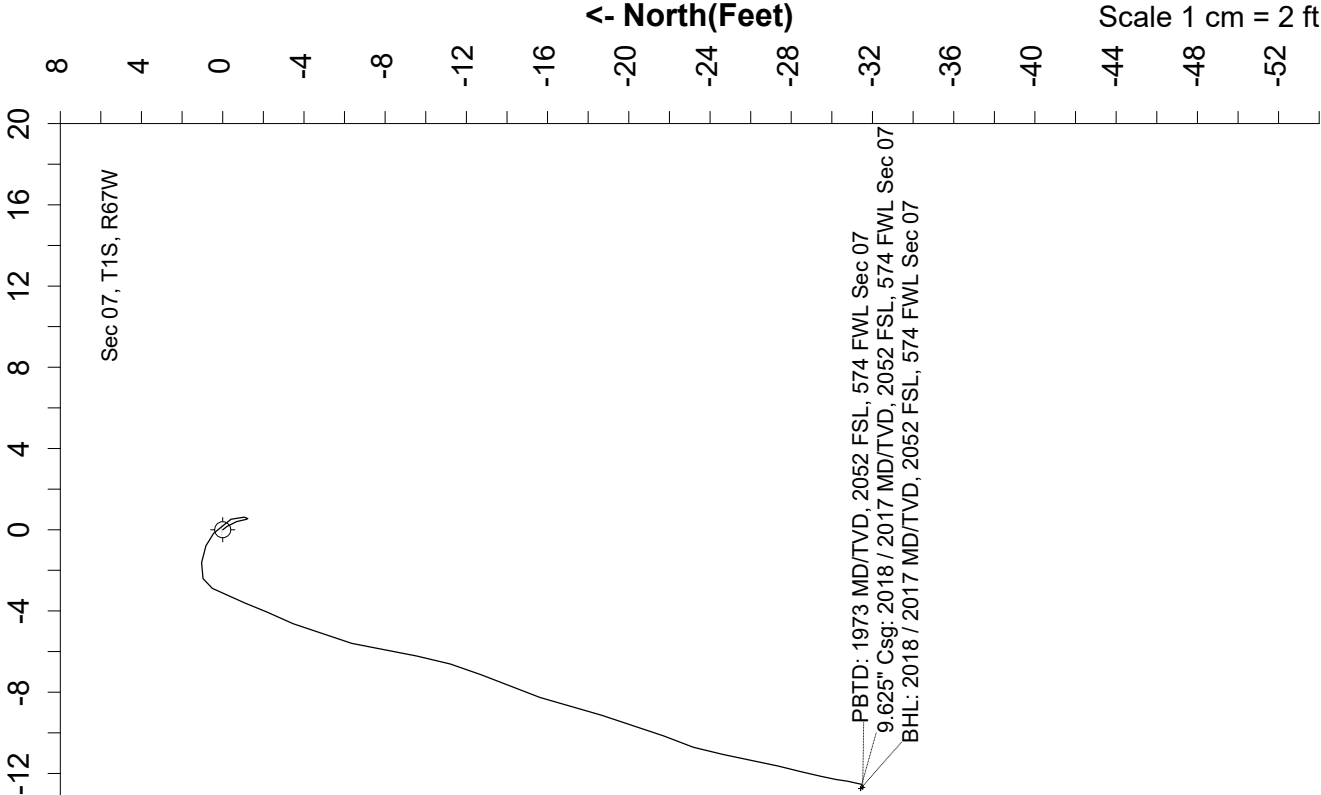


May-6-2019
EMA-2015 Dir: 66.20 deg Field: 51928.4 nT
Lat: N39 58.40 30.32 Long: W104 56 19 7.304 Elev: 5155.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



Scale 1 cm = 200 ft
Azimuth 202.08 with reference 0.00 N, 0.00 E from N14 - Tollway LC 24-369HNX

Scale 1 cm = 2 ft



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	0.36	142.94	84	-0.21	0.16
Operator Number		170	0.35	163.73	170	-0.68	0.40
10110		262	0.26	171.11	262	-1.15	0.51
Well Name and Number		355	0.38	15.04	355	-1.06	0.62
Tollway LC 24-369HNX		444	0.53	334.61	444	-0.41	0.52
API Number (if available)		534	0.89	312.89	534	0.44	-0.17
05-001-10428		624	1.20	277.16	624	1.04	-1.62
Location: QQ SEC TWP RGE		714	0.92	207.70	714	0.51	-2.89
NWSW Sec 7 1S 67W		804	1.31	201.46	804	-1.08	-3.60
Citing Type: Planned or Actual		894	2.00	204.60	894	-3.47	-4.63
Actual		984	1.91	191.90	984	-6.36	-5.60
Deviation Indicator		1074	2.24	190.45	1074	-9.56	-6.22
Horizontal		1164	1.98	202.62	1164	-12.73	-7.14
North Reference		1254	1.98	199.53	1254	-15.63	-8.26
True		1344	2.05	192.74	1344	-18.66	-9.13
Grid Type		1434	2.06	204.09	1434	-21.71	-10.15
		1524	1.87	190.09	1524	-24.63	-11.07
		1613	1.69	193.86	1612	-27.33	-11.63
		1703	1.11	192.76	1702	-29.47	-12.14
		1793	0.56	185.72	1792	-30.76	-12.38
		1883	0.33	205.09	1882	-31.43	-12.53
		1962	0.15	333.58	1961	-31.55	-12.68
		2018	0.15	333.58	2017	-31.42	-12.74