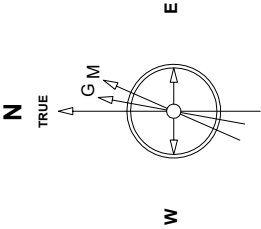
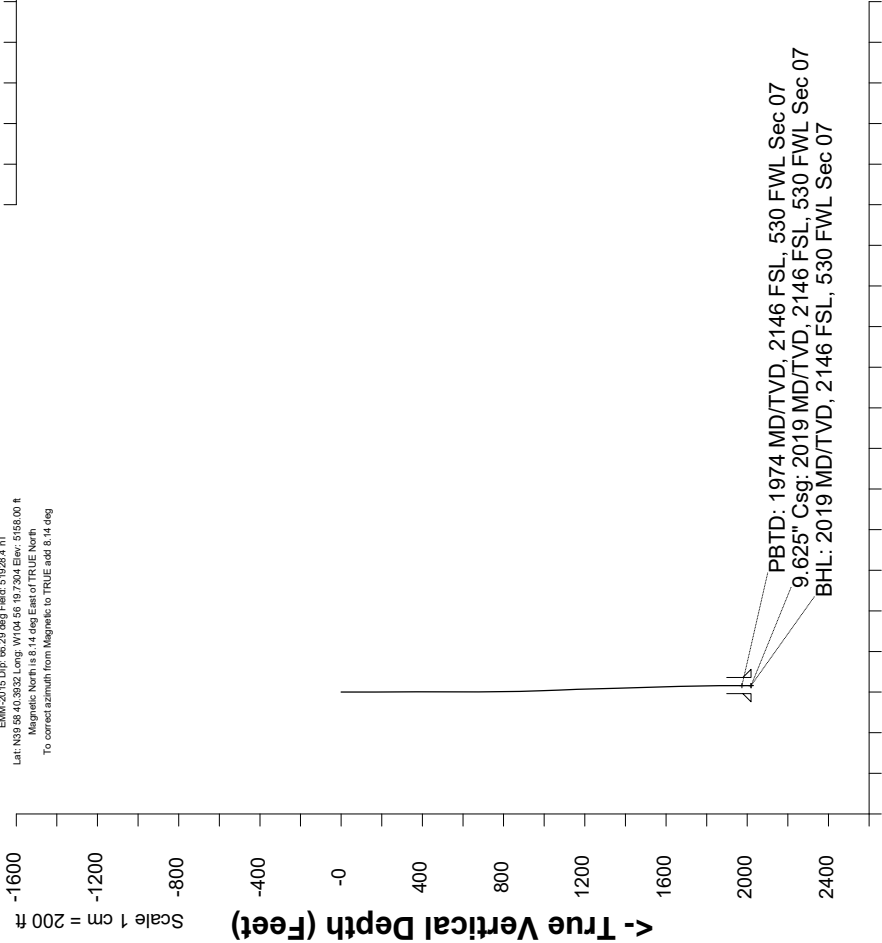


Great Western Operating Company, LLC

Location	Colorado	Slot	N09 - Tollway LC 24-366HN
Field	Wattenburg	Well	Tollway LC 24-366HN
Installation	Tollway	Wellbore	Tollway LC 24-366HN - Surface Hole

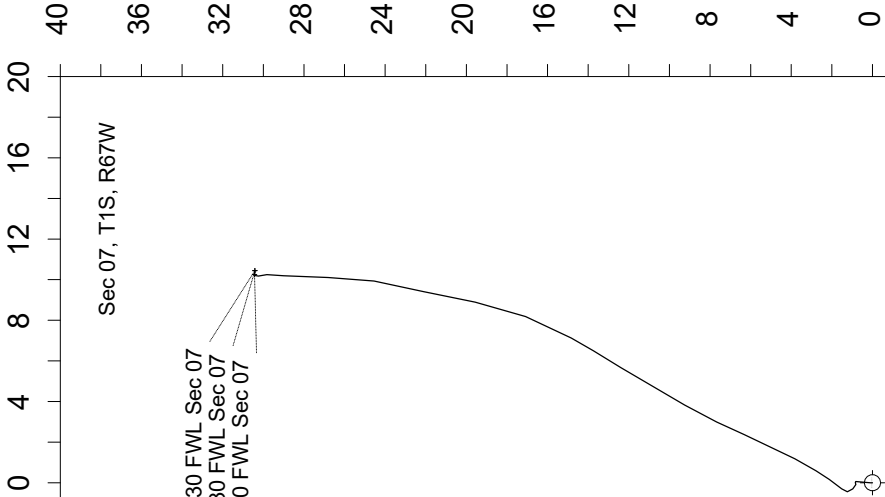


May-6-2019
EMA-2015 Dir: 66.20 deg Field: 51928.4 nT
Lat: N39 58.40.3032 Long: W104 56 19 7.304 Elev: 5155.00 ft
Magnetic North is 8.14 deg East of TRUE North
To correct azimuth from Magnetic to TRUE add 8.14 deg



Scale 1 cm = 2 ft

East (Feet) ->



Scale 1 cm = 2 ft

Scale 1 cm = 200 ft

Vertical Section (Feet) ->

Azimuth 18.95 with reference 0.00 N, 0.00 E from N09 - Tollway LC 24-366HN

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	0.13	356.46	84	0.10	-0.01
Operator Number		170	0.38	7.87	170	0.47	0.03
10110		260	0.07	347.28	260	0.82	0.06
Well Name and Number		353	0.07	225.49	353	0.84	0.00
Tollway LC 24-366HN		442	0.07	287.95	442	0.82	-0.09
API Number (if available)		532	0.27	309.89	532	0.97	-0.30
05-001-10445		622	0.17	8.89	622	1.24	-0.44
Location: QQ SEC TWP RGE		712	0.24	40.65	712	1.51	-0.30
NWSW Sec 7 1S 67W		802	0.74	36.11	802	2.13	0.16
Citing Type: Planned or Actual		892	1.78	28.80	892	3.82	1.18
Actual		982	1.74	22.26	982	6.31	2.37
Deviation Indicator		1072	2.44	29.20	1072	9.25	3.82
Horizontal ▼		1162	2.21	31.84	1162	12.39	5.67
North Reference		1252	1.41	29.34	1252	14.83	7.13
True ▼		1342	1.76	21.50	1342	17.08	8.18
Grid Type		1432	1.54	9.95	1432	19.56	8.90
▼		1522	1.78	12.73	1522	22.12	9.41
		1611	1.42	11.34	1611	24.55	9.93
		1701	1.49	357.81	1701	26.81	10.11
		1791	1.31	7.15	1791	29.00	10.19
		1881	0.34	326.73	1881	30.24	10.17
		1963	0.24	94.10	1963	30.43	10.21
		2019	0.24	94.10	2019	30.42	10.45