

NORTH AMERICAN ROYALTIES
L.C.C. STATE WELL NO.1

PAGE 1
15:18:22

WT-CCSCS FROM WT-BB13S:D701

87/04/21

MEASURED DEPTH FEET	INCL. ANGLE DEGS.	HOLE DIRECTION DEGS.	COURSE LENGTH FEET	TRUE VERTICAL DEPTH FEET	VERTICAL SECTION FEET	N/S	RECTANGULAR COORDINATES E/W	DISTANCE FEET	CLOSURE DEGS.	DIRECTION DEGS.	DOG-LEG SEVERITY DG/100FT
0.00	0.00	***	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	.40	N 13.00 E	100.00	100.00	-.26	.34	.08	.35	N 13.00 W	.40	.40
200.00	.50	N 46.00 E	100.00	200.00	-.50	1.06	.13	1.07	N 07.25 E	.45	.45
300.00	.70	N 48.00 E	100.00	299.99	-.28	1.77	.90	1.99	N 26.91 E	.20	.20
400.00	.50	N 58.00 E	100.00	399.99	.04	2.40	1.74	2.97	N 35.83 E	.23	.23
500.00	.80	N 69.00 E	100.00	499.98	.58	2.91	2.75	4.00	N 43.38 E	.32	.32
600.00	1.00	N 52.00 E	100.00	599.97	1.26	3.68	4.11	5.52	N 48.17 E	.33	.33
700.00	.70	N 37.00 E	100.00	699.95	1.50	4.73	5.15	6.99	N 47.40 E	.37	.37
800.00	.90	N 64.00 E	100.00	799.95	1.84	6.61	6.22	8.38	N 47.91 E	.42	.42
900.00	.80	N 65.00 E	100.00	899.93	2.60	8.25	7.55	9.81	N 50.38 E	.10	.10
1000.00	.90	N 67.00 E	100.00	999.92	3.37	8.86	8.91	11.24	N 52.42 E	.10	.10
1100.00	.90	N 65.00 E	100.00	1099.91	4.17	7.50	10.34	12.78	N 54.07 E	.03	.03
1200.00	.60	N 48.00 E	100.00	1199.90	4.65	8.22	11.43	14.08	N 54.30 E	.37	.37
1300.00	1.00	N 55.00 E	100.00	1299.89	5.05	9.08	12.52	15.47	N 54.05 E	.41	.41
1400.00	1.20	N 19.00 E	100.00	1399.87	5.11	10.59	13.66	17.29	N 52.21 E	.71	.71
1500.00	1.10	N 21.00 E	100.00	1499.85	4.60	12.48	14.35	19.01	N 48.99 E	.11	.11
1600.00	.80	N 15.00 E	100.00	1599.84	4.11	14.05	14.86	20.45	N 46.59 E	.32	.32
1700.00	.50	N 77.00 E	100.00	1699.83	4.32	14.80	15.64	21.53	N 46.57 E	.72	.72
1800.00	.60	N 85.00 E	100.00	1799.83	5.01	14.95	16.58	22.33	N 47.96 E	.13	.13
1900.00	.70	S 84.00 E	100.00	1899.82	5.94	14.94	17.72	23.18	N 49.85 E	.16	.16
2000.00	.80	S 57.00 E	100.00	1999.81	7.19	14.51	18.94	23.86	N 52.54 E	.36	.36
2100.00	1.10	S 49.00 E	100.00	2099.80	8.85	13.51	20.26	24.36	N 56.30 E	.33	.33
2200.00	1.00	S 30.00 E	100.00	2199.78	10.60	12.11	21.42	24.61	N 60.53 E	.36	.36
2300.00	1.00	S 31.00 E	100.00	2299.77	12.19	10.60	22.31	24.70	N 64.58 E	.02	.02
2400.00	1.00	S 44.00 E	100.00	2399.75	13.85	9.22	23.37	25.12	N 68.46 E	.23	.23