

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

PAGE 4
15:21:13

WT-CCSCS FROM WT-BB13S:D701

87/04/21

MEASURED	INCL.	HOLE	COURSE	TRUE	VERTICAL	VERTICAL	RECTANGULAR	C L O S U R E	DOG-LEG
DEPTH	ANGLE	DIRECTION	LENGTH	FEET	DEPTH	SECTION	C O R D I N A T E S	DISTANCE	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	FEET	FEET	N/S feet E/W	FEET	DG/100FT
7195.00	8.20	N 64.00 E	92.00	7192.40	35.14	27.87 N	62.41 E	68.35' N 65.94 E	1.93
7287.00	9.00	N 61.00 E	92.00	7283.36	41.49	34.22 N	74.61 E	82.09' N 65.36 E	1.00
7379.00	10.30	N 59.00 E	92.00	7374.06	48.01	41.93 N	87.97 E	97.45' N 64.52 E	1.46
7471.00	12.00	N 55.00 E	92.00	7464.32	54.67	51.62 N	102.89 E	115.11' N 63.36 E	2.03
7563.00	13.70	N 52.00 E	92.00	7554.01	61.16	63.79 N	119.33 E	135.31' N 61.87 E	1.98
7655.00	14.90	N 51.00 E	92.00	7643.16	67.62	77.93 N	137.11 E	157.71' N 60.39 E	1.33
7747.00	15.20	N 51.00 E	92.00	7732.00	71.20	92.97 N	155.60 E	181.32' N 59.16 E	.33
7839.00	15.50	N 51.00 E	92.00	7820.72	80.91	108.28 N	174.61 E	205.46' N 58.19 E	.33
7931.00	16.00	N 51.00 E	92.00	7909.27	85.81	123.01 N	194.01 E	230.26' N 57.41 E	.54
8023.00	17.00	N 52.00 E	92.00	7997.48	95.22	140.27 N	214.46 E	256.26' N 56.81 E	1.13
8115.00	15.90	N 52.00 E	92.00	8085.71	102.84	156.31 N	234.99 E	282.23' N 56.37 E	1.20
8207.00	17.80	N 54.00 E	92.00	8173.76	111.08	172.36 N	256.29 E	308.85' N 56.08 E	2.16
8299.00	17.50	N 52.00 E	92.00	8261.42	119.70	189.15 N	278.56 E	336.71' N 55.82 E	.74
8391.00	16.90	N 55.00 E	92.00	8349.31	128.33	205.33 N	300.43 E	363.89' N 55.65 E	1.16
8483.00	16.20	N 55.00 E	92.00	8437.50	137.29	220.36 N	321.90 E	390.10' N 55.61 E	.76
8575.00	15.90	N 63.00 E	92.00	8525.91	147.63	233.45 N	343.68 E	415.47' N 55.81 E	2.42
8667.00	15.90	N 65.00 E	92.00	8614.39	159.85	244.50 N	366.33 E	440.43' N 56.28 E	.60
8759.00	15.00	N 66.00 E	92.00	8703.07	172.28	254.66 N	388.63 E	464.64' N 56.76 E	1.02
8851.00	15.20	N 66.00 E	92.00	8791.89	184.63	264.41 N	410.53 E	488.31' N 57.22 E	.22
8943.00	16.20	N 67.00 E	92.00	8880.46	197.64	274.33 N	433.36 E	512.89' N 57.66 E	1.13
9035.00	17.60	N 69.00 E	92.00	8968.48	212.20	284.35 N	458.15 E	539.22' N 58.17 E	1.65
9127.00	18.20	N 69.00 E	92.00	9056.03	228.01	294.49 N	484.55 E	567.02' N 58.71 E	.65
9219.00	17.70	N 71.00 E	92.00	9143.55	244.27	304.18 N	511.19 E	594.85' N 59.25 E	.86
9311.00	17.20	N 69.00 E	92.00	9231.31	260.10	313.62 N	537.12 E	621.97' N 59.72 E	.85
9341.00	17.40	N 71.00 E	30.00	9259.96	265.21	316.67 N	545.50 E	630.75' N 59.86 E	2.09