

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

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WT-CCSCS FROM WT-B813S:D701

87/04/21

MEASURED INCL. HOLE COURSE VERTICAL RECTANGULAR CLOSURE DOG-LEG

DEPTH	ANGLE	DIRECTION	LENGTH	DEPTH	SECTION	COORDINATES	DISTANCE	DIRECTION	SEVERITY
FEET	DEGS.	DEGS.	FEET	FEET	FEET	N/S	E/W	FEET	DEGS.
2500.00	.70	S 69.00 E	100.00	2499.74	15.32	8.41 N	24.60 E	25.99'	N 71.12 E
2600.00	1.00	S 78.00 E	100.00	2599.73	16.73	7.99 N	26.02 E	27.21'	N 72.93 E
2700.00	1.30	N 71.00 E	100.00	2699.71	18.28	8.11 N	27.99 E	29.15'	N 73.84 E
2800.00	1.70	N 56.00 E	100.00	2799.68	19.53	9.27 N	30.33 E	31.72'	N 73.00 E
2900.00	2.00	N 48.00 E	100.00	2899.62	20.47	11.26 N	32.87 E	34.75'	N 71.09 E
3000.00	2.10	N 43.00 E	100.00	2999.56	21.12	13.77 N	35.42 E	38.00'	N 68.76 E
3100.00	2.40	N 32.00 E	100.00	3099.48	21.29	16.88 N	37.81 E	41.41'	N 65.95 E
3200.00	2.50	N 29.00 E	100.00	3199.39	20.98	20.56 N	39.98 E	44.96'	N 62.79 E
3300.00	2.00	N 18.00 E	100.00	3299.31	20.18	24.15 N	41.54 E	48.05'	N 59.82 E
3400.00	2.00	N 20.00 E	100.00	3399.25	19.21	27.45 N	42.68 E	50.75'	N 57.25 E
3500.00	1.20	N 27.00 E	100.00	3499.21	18.66	30.01 N	43.79 E	53.09'	N 55.57 E
3600.00	1.00	N 28.00 E	100.00	3599.19	18.41	31.72 N	44.68 E	54.79'	N 54.63 E
3700.00	1.00	N 23.00 E	100.00	3699.18	18.12	33.29 N	45.43 E	56.32'	N 53.77 E
3800.00	.50	N 11.00 E	100.00	3799.17	17.71	34.54 N	45.81 E	57.37'	N 52.98 E
3900.00	.20	N 24.00 E	100.00	3899.17	17.53	35.12 N	45.99 E	57.87'	N 52.63 E
4000.00	.20	S 78.00 E	100.00	3999.17	17.68	35.27 N	46.28 E	58.19'	N 52.69 E
4100.00	.50	N 26.00 E	100.00	4099.17	17.96	35.52 N	46.79 E	58.74'	N 52.80 E
4200.00	.20	S 84.00 E	100.00	4199.16	18.21	35.79 N	47.29 E	59.31'	N 52.88 E
4300.00	.50	S 20.00 E	100.00	4299.16	18.79	35.44 N	47.75 E	59.46'	N 53.42 E
4400.00	1.00	S 40.00 E	100.00	4399.15	19.97	34.31 N	48.40 E	59.33'	N 54.67 E
4500.00	1.00	S 43.00 E	100.00	4499.14	21.66	33.00 N	49.56 E	59.54'	N 56.34 E
4571.00	.50	S 75.00 E	71.00	4570.13	22.58	32.53 N	50.34 E	59.94'	N 57.13 E
4664.00	.10	S 37.00 W	93.00	4663.13	22.91	32.14 N	50.48 E	59.84'	N 57.51 E
4756.00	.20	S 34.00 W	92.00	4755.13	22.91	31.94 N	50.34 E	59.62'	N 57.60 E
4849.00	.40	S 26.00 W	93.00	4848.13	22.95	31.52 N	50.09 E	59.19'	N 57.82 E