

King Pin 36-12-65

KB = 5,957' KOP = 7,945' TARGET = 8,422' TVD

Based on True North									
MD	Incl.	Azi.	TVD	North	East	DLS	Vertical Section	UTM N	UTM E
0.00	0.00	108.29	0.00	0.00	0.00	0.00	0.00	-684.00	832.00
7,900.00	0.00	108.29	7,900.00	0.00	0.00	0.00	0.00	-684.00	832.00
7,944.50	0.00	108.29	7,944.50	0.00	0.00	0.00	0.00	-684.00	832.00 KOP
7,994.50	6.00	108.29	7,994.36	-0.82	2.48	12.00	2.61	-684.82	834.48
8,044.50	12.00	108.29	8,043.68	-3.27	9.90	12.00	10.43	-687.27	841.90
8,094.50	18.00	108.29	8,091.91	-7.33	22.17	12.00	23.35	-691.33	854.17
8,144.50	24.00	108.29	8,138.53	-12.95	39.16	12.00	41.25	-696.95	871.16
8,194.50	30.00	108.29	8,183.02	-20.06	60.68	12.00	63.91	-704.06	892.68
8,244.50	36.00	108.29	8,224.90	-28.60	86.50	12.00	91.11	-712.60	918.50
8,294.50	42.00	108.29	8,263.70	-38.46	116.33	12.00	122.52	-722.46	948.33
8,344.50	48.00	108.29	8,299.01	-49.54	149.85	12.00	157.83	-733.54	981.85
8,394.50	54.00	108.29	8,330.43	-61.72	186.69	12.00	196.63	-745.72	1,018.69
8,444.50	60.00	108.29	8,357.62	-74.86	226.45	12.00	238.50	-758.86	1,058.45
8,494.50	66.00	108.29	8,380.29	-88.82	268.69	12.00	282.99	-772.82	1,100.69
8,544.50	72.00	108.29	8,398.18	-103.45	312.95	12.00	329.61	-787.45	1,144.95
8,594.50	78.00	108.29	8,411.10	-118.59	358.74	12.00	377.83	-802.59	1,190.74
8,644.50	84.00	108.29	8,418.91	-134.07	405.56	12.00	427.15	-818.07	1,237.56
8,694.00	90.00	108.29	8,421.50	-149.56	452.43	12.12	476.51	-833.56	1,284.43 7" Csg Shoe

8,694.00	90.00	108.29	8,421.50	-149.56	452.43	12.12	476.51	-833.56	1,284.43 7" Csg Shoe
8,794.00	90.00	108.29	8,421.50	-180.95	547.38	0.00	576.51	-864.95	1,379.38
8,894.00	90.00	108.29	8,421.50	-212.34	642.33	0.00	676.52	-896.34	1,474.33
8,994.00	90.00	108.29	8,421.50	-243.73	737.28	0.00	776.52	-927.73	1,569.28
9,094.00	90.00	108.29	8,421.50	-275.12	832.23	0.00	876.53	-959.12	1,664.23
9,194.00	90.00	108.29	8,421.50	-306.51	927.18	0.00	976.53	-990.51	1,759.18
9,294.00	90.00	108.29	8,421.50	-337.90	1,022.13	0.00	1,076.53	-1,021.90	1,854.13
9,394.00	90.00	108.29	8,421.50	-369.29	1,117.08	0.00	1,176.54	-1,053.29	1,949.08
9,494.00	90.00	108.29	8,421.50	-400.68	1,212.03	0.00	1,276.54	-1,084.68	2,044.03
9,594.00	90.00	108.29	8,421.50	-432.07	1,306.98	0.00	1,376.55	-1,116.07	2,138.98
9,694.00	90.00	108.29	8,421.50	-463.46	1,401.93	0.00	1,476.55	-1,147.46	2,233.93
9,794.00	90.00	108.29	8,421.50	-494.85	1,496.88	0.00	1,576.56	-1,178.85	2,328.88
9,894.00	90.00	108.29	8,421.50	-526.24	1,591.83	0.00	1,676.56	-1,210.24	2,423.83
9,994.00	90.00	108.29	8,421.50	-557.63	1,686.78	0.00	1,776.56	-1,241.63	2,518.78
10,094.00	90.00	108.29	8,421.50	-589.02	1,781.73	0.00	1,876.57	-1,273.02	2,613.73
10,194.00	90.00	108.29	8,421.50	-620.41	1,876.68	0.00	1,976.57	-1,304.41	2,708.68
10,294.00	90.00	108.29	8,421.50	-651.80	1,971.63	0.00	2,076.58	-1,335.80	2,803.63
10,394.00	90.00	108.29	8,421.50	-683.19	2,066.58	0.00	2,176.58	-1,367.19	2,898.58
10,494.00	90.00	108.29	8,421.50	-714.58	2,161.53	0.00	2,276.58	-1,398.58	2,993.53
10,594.00	90.00	108.29	8,421.50	-745.97	2,256.48	0.00	2,376.59	-1,429.97	3,088.48
10,694.00	90.00	108.29	8,421.50	-777.36	2,351.43	0.00	2,476.59	-1,461.36	3,183.43
10,794.00	90.00	108.29	8,421.50	-808.75	2,446.38	0.00	2,576.60	-1,492.75	3,278.38
10,894.00	90.00	108.29	8,421.50	-840.14	2,541.33	0.00	2,676.60	-1,524.14	3,373.33
10,994.00	90.00	108.29	8,421.50	-871.53	2,636.28	0.00	2,776.61	-1,555.53	3,468.28
11,094.00	90.00	108.29	8,421.50	-902.92	2,731.23	0.00	2,876.61	-1,586.92	3,563.23
11,194.00	90.00	108.29	8,421.50	-934.31	2,826.18	0.00	2,976.61	-1,618.31	3,658.18
11,294.00	90.00	108.29	8,421.50	-965.70	2,921.13	0.00	3,076.62	-1,649.70	3,753.13
11,394.00	90.00	108.29	8,421.50	-997.09	3,016.08	0.00	3,176.62	-1,681.09	3,848.08
11,494.00	90.00	108.29	8,421.50	-1,028.48	3,111.03	0.00	3,276.63	-1,712.48	3,943.03
11,594.00	90.00	108.29	8,421.50	-1,059.87	3,205.98	0.00	3,376.63	-1,743.87	4,037.98
11,694.00	90.00	108.29	8,421.50	-1,091.26	3,300.93	0.00	3,476.63	-1,775.26	4,132.93
11,794.00	90.00	108.29	8,421.50	-1,122.65	3,395.88	0.00	3,576.64	-1,806.65	4,227.88
11,894.00	90.00	108.29	8,421.50	-1,154.04	3,490.83	0.00	3,676.64	-1,838.04	4,322.83
11,994.00	90.00	108.29	8,421.50	-1,185.43	3,585.78	0.00	3,776.65	-1,869.43	4,417.78
12,094.00	90.00	108.29	8,421.50	-1,216.82	3,680.73	0.00	3,876.65	-1,900.82	4,512.73
12,133.99	90.00	108.29	8,421.50	-1,229.37	3,718.70	0.00	3,916.64	-1,913.37	4,550.70 End Lateral 3,439.99

Section Calls		
North Line		5184.72
East Line		5277.84
South Line		5264.58
West Line		5242.97
SHL Quarter	NW	
State Setbacks		600
BHL		
UTM E	UTM N	
4,551.05	-1,913.42	

Section Lines		
x	y	
	0.00	0.00
	0.00	0.00
	59.00	-5,242.97
	5,323.58	-5,202.34
	5,184.72	75.50
	0	0
	0.00	0.00
	0.00	0.00

Middle section		
	5224.65	-2,563.42
	0	-2,621.49

Hard Lines		
x	y	
	600.00	-600.00
	4,584.72	-543.38
	4,601.05	-1,963.42
	623.60	-2,021.49
	600.00	-600.00

DO NOT CHANGE THESE NUMBERS																
SHL	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NE	0	0	-1	0	-1	-1	0	-1	0	0	0	0	-1	-1	4,634.72	-1,913.42
NW	0	0	0	0	0	-1	1	-1	1	0	0	0	1	-1	4,551.05	-1,913.42
SW	0	0	0	0	0	0	0	1	1	1	1	0	1	1	4,634.72	-2,013.42
SE	-1	0	-1	1	0	1	0	0	0	0	0	0	-1	1	4,651.05	-2,013.42

