

Birds of Prey 36-10-61

KB = 5,101' KOP = 6,044' TARGET = 6,521' TVD

Based on True North									
MD	Incl.	Azi.	TVD	North	East	DLS	Vertical Section	UTM N	UTM E
0.00	0.00	339.15	0.00	0.00	0.00	0.00	0.00	1,173.00	-600.00
6,000.00	0.00	339.15	6,000.00	0.00	0.00	0.00	0.00	1,173.00	-600.00
6,043.50	0.00	339.15	6,043.50	0.00	0.00	0.00	0.00	1,173.00	-600.00 KOP
6,093.50	6.00	339.15	6,093.36	2.44	-0.93	12.00	2.61	1,175.44	-600.93
6,143.50	12.00	339.15	6,142.68	9.74	-3.71	12.00	10.42	1,182.74	-603.71
6,193.50	18.00	339.15	6,190.91	21.82	-8.31	12.00	23.35	1,194.82	-608.31
6,243.50	24.00	339.15	6,237.53	38.54	-14.68	12.00	41.24	1,211.54	-614.68
6,293.50	30.00	339.15	6,282.02	59.72	-22.75	12.00	63.91	1,232.72	-622.75
6,343.50	36.00	339.15	6,323.90	85.13	-32.43	12.00	91.10	1,258.13	-632.43
6,393.50	42.00	339.15	6,362.70	114.50	-43.61	12.00	122.52	1,287.50	-643.61
6,443.50	48.00	339.15	6,398.01	147.50	-56.17	12.00	157.83	1,320.50	-656.17
6,493.50	54.00	339.15	6,429.43	183.76	-69.98	12.00	196.63	1,356.76	-669.98
6,543.50	60.00	339.15	6,456.62	222.89	-84.88	12.00	238.50	1,395.89	-684.88
6,593.50	66.00	339.15	6,479.29	264.47	-100.71	12.00	283.00	1,437.47	-700.71
6,643.50	72.00	339.15	6,497.18	308.03	-117.30	12.00	329.61	1,481.03	-717.30
6,693.50	78.00	339.15	6,510.10	353.10	-134.46	12.00	377.83	1,526.10	-734.46
6,743.50	84.00	339.15	6,517.91	399.19	-152.01	12.00	427.15	1,572.19	-752.01
6,793.00	90.00	339.15	6,520.50	445.32	-169.58	12.12	476.52	1,618.32	-769.58 7" Csg Shoe
6,793.00	90.00	339.15	6,520.50	445.32	-169.58	12.12	476.52	1,618.32	-769.58 7" Csg Shoe
6,893.00	90.00	339.15	6,520.50	538.77	-205.17	0.00	576.51	1,711.77	-805.17
6,993.00	90.00	339.15	6,520.50	632.22	-240.76	0.00	676.51	1,805.22	-840.76
7,093.00	90.00	339.15	6,520.50	725.67	-276.35	0.00	776.51	1,898.67	-876.35
7,193.00	90.00	339.15	6,520.50	819.12	-311.94	0.00	876.51	1,992.12	-911.94
7,293.00	90.00	339.15	6,520.50	912.57	-347.53	0.00	976.50	2,085.57	-947.53
7,393.00	90.00	339.15	6,520.50	1,006.02	-383.12	0.00	1,076.50	2,179.02	-983.12
7,493.00	90.00	339.15	6,520.50	1,099.47	-418.71	0.00	1,176.50	2,272.47	-1,018.71
7,593.00	90.00	339.15	6,520.50	1,192.92	-454.30	0.00	1,276.50	2,365.92	-1,054.30
7,693.00	90.00	339.15	6,520.50	1,286.37	-489.89	0.00	1,376.50	2,459.37	-1,089.89
7,793.00	90.00	339.15	6,520.50	1,379.82	-525.48	0.00	1,476.49	2,552.82	-1,125.48
7,893.00	90.00	339.15	6,520.50	1,473.27	-561.07	0.00	1,576.49	2,646.27	-1,161.07
7,993.00	90.00	339.15	6,520.50	1,566.72	-596.66	0.00	1,676.49	2,739.72	-1,196.66
8,093.00	90.00	339.15	6,520.50	1,660.17	-632.25	0.00	1,776.49	2,833.17	-1,232.25
8,193.00	90.00	339.15	6,520.50	1,753.62	-667.84	0.00	1,876.48	2,926.62	-1,267.84
8,293.00	90.00	339.15	6,520.50	1,847.07	-703.43	0.00	1,976.48	3,020.07	-1,303.43
8,393.00	90.00	339.15	6,520.50	1,940.52	-739.02	0.00	2,076.48	3,113.52	-1,339.02
8,493.00	90.00	339.15	6,520.50	2,033.97	-774.61	0.00	2,176.48	3,206.97	-1,374.61
8,593.00	90.00	339.15	6,520.50	2,127.42	-810.20	0.00	2,276.48	3,300.42	-1,410.20
8,693.00	90.00	339.15	6,520.50	2,220.87	-845.79	0.00	2,376.47	3,393.87	-1,445.79
8,793.00	90.00	339.15	6,520.50	2,314.32	-881.38	0.00	2,476.47	3,487.32	-1,481.38
8,893.00	90.00	339.15	6,520.50	2,407.77	-916.97	0.00	2,576.47	3,580.77	-1,516.97
8,993.00	90.00	339.15	6,520.50	2,501.22	-952.56	0.00	2,676.47	3,674.22	-1,552.56
9,093.00	90.00	339.15	6,520.50	2,594.67	-988.15	0.00	2,776.46	3,767.67	-1,588.15
9,193.00	90.00	339.15	6,520.50	2,688.12	-1,023.74	0.00	2,876.46	3,861.12	-1,623.74
9,293.00	90.00	339.15	6,520.50	2,781.57	-1,059.33	0.00	2,976.46	3,954.57	-1,659.33
9,393.00	90.00	339.15	6,520.50	2,875.02	-1,094.92	0.00	3,076.46	4,048.02	-1,694.92
9,493.00	90.00	339.15	6,520.50	2,968.47	-1,130.51	0.00	3,176.46	4,141.47	-1,730.51
9,593.00	90.00	339.15	6,520.50	3,061.92	-1,166.10	0.00	3,276.45	4,234.92	-1,766.10
9,693.00	90.00	339.15	6,520.50	3,155.37	-1,201.69	0.00	3,376.45	4,328.37	-1,801.69
9,793.00	90.00	339.15	6,520.50	3,248.82	-1,237.28	0.00	3,476.45	4,421.82	-1,837.28
9,893.00	90.00	339.15	6,520.50	3,342.27	-1,272.87	0.00	3,576.45	4,515.27	-1,872.87
9,993.00	90.00	339.15	6,520.50	3,435.72	-1,308.46	0.00	3,676.44	4,608.72	-1,908.46
10,093.00	90.00	339.15	6,520.50	3,529.17	-1,344.05	0.00	3,776.44	4,702.17	-1,944.05
10,193.00	90.00	339.15	6,520.50	3,622.62	-1,379.64	0.00	3,876.44	4,795.62	-1,979.64
10,261.32	90.00	339.15	6,520.50	3,686.46	-1,403.95	0.00	3,944.75	4,859.46	-2,003.95 End Lateral 3,468.32

Section Calls	
North Line	5308
East Line	5545.3
South Line	5325
West Line	5474.79
SHL Quarter	SE
State Setbacks	600

BHL	
UTM E	UTM N
-2,004.00	4,860.05

Section Lines	
x	y
0.00	0.00
-5,325.00	0.00
-5,308.00	5,474.79
0.00	5,545.30
0.00	0.00
0.00	0.00

0.00	0.00
0.00	0.00

Middle section	
-2654	5,510.05
-2662.5	0.00

Hard Lines	
x	y
-600.00	600.00
-2,062.50	600.00
-2,054.00	4,910.05
-600.00	4,945.30
-600.00	600.00

DO NOT CHANGE THESE NUMBERS																
SHL	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NE	0	0	-1	0	-1	-1	0	-1	0	0	0	0	-1	-1	-2,012.50	4,960.05
NW	0	0	0	0	0	-1	1	-1	1	0	0	0	1	-1	-2,104.00	4,960.05
SW	0	0	0	0	0	0	0	1	1	1	1	0	1	1	-2,012.50	4,860.05
SE	-1	0	-1	1	0	1	0	0	0	0	0	0	-1	1	-2,004.00	4,860.05

