

Riva Ridge 30-12-66

KB = 6,129' KOP = 8,572' TARGET = 9,049' TVD

Based on True North									
MD	Incl.	Azi.	TVD	North	East	DLS	Vertical Section	UTM N	UTM E
0.00	0.00	340.12	0.00	0.00	0.00	0.00	0.00	605.00	-605.00
8,500.00	0.00	340.12	8,500.00	0.00	0.00	0.00	0.00	605.00	-605.00
8,571.50	0.00	340.12	8,571.50	0.00	0.00	0.00	0.00	605.00	-605.00 KOP
8,621.50	6.00	340.12	8,621.36	2.46	-0.89	12.00	2.62	607.46	-605.89
8,671.50	12.00	340.12	8,670.68	9.81	-3.55	12.00	10.43	614.81	-608.55
8,721.50	18.00	340.12	8,718.91	21.96	-7.95	12.00	23.35	626.96	-612.95
8,771.50	24.00	340.12	8,765.53	38.79	-14.04	12.00	41.25	643.79	-619.04
8,821.50	30.00	340.12	8,810.02	60.11	-21.75	12.00	63.92	665.11	-626.75
8,871.50	36.00	340.12	8,851.90	85.68	-31.00	12.00	91.12	690.68	-636.00
8,921.50	42.00	340.12	8,890.70	115.23	-41.69	12.00	122.54	720.23	-646.69
8,971.50	48.00	340.12	8,926.01	148.43	-53.70	12.00	157.85	753.43	-658.70
9,021.50	54.00	340.12	8,957.43	184.92	-66.90	12.00	196.65	789.92	-671.90
9,071.50	60.00	340.12	8,984.62	224.30	-81.14	12.00	238.53	829.30	-686.14
9,121.50	66.00	340.12	9,007.29	266.14	-96.27	12.00	283.02	871.14	-701.27
9,171.50	72.00	340.12	9,025.18	309.98	-112.12	12.00	329.63	914.98	-717.12
9,221.50	78.00	340.12	9,038.10	355.33	-128.52	12.00	377.86	960.33	-733.52
9,271.50	84.00	340.12	9,045.91	401.71	-145.29	12.00	427.18	1,006.71	-750.29
9,321.00	90.00	340.12	9,048.50	448.13	-162.08	12.12	476.54	1,053.13	-767.08 7" Csg Shoe

9,321.00	90.00	340.12	9,048.50	448.13	-162.08	12.12	476.54	1,053.13	-767.08 7" Csg Shoe
9,421.00	90.00	340.12	9,048.50	542.17	-196.09	0.00	576.54	1,147.17	-801.09
9,521.00	90.00	340.12	9,048.50	636.21	-230.10	0.00	676.54	1,241.21	-835.10
9,621.00	90.00	340.12	9,048.50	730.25	-264.11	0.00	776.54	1,335.25	-869.11
9,721.00	90.00	340.12	9,048.50	824.29	-298.12	0.00	876.54	1,429.29	-903.12
9,821.00	90.00	340.12	9,048.50	918.33	-332.13	0.00	976.55	1,523.33	-937.13
9,921.00	90.00	340.12	9,048.50	1,012.37	-366.14	0.00	1,076.55	1,617.37	-971.14
10,021.00	90.00	340.12	9,048.50	1,106.41	-400.15	0.00	1,176.55	1,711.41	-1,005.15
10,121.00	90.00	340.12	9,048.50	1,200.45	-434.16	0.00	1,276.55	1,805.45	-1,039.16
10,221.00	90.00	340.12	9,048.50	1,294.49	-468.17	0.00	1,376.55	1,899.49	-1,073.17
10,321.00	90.00	340.12	9,048.50	1,388.53	-502.18	0.00	1,476.55	1,993.53	-1,107.18
10,421.00	90.00	340.12	9,048.50	1,482.57	-536.19	0.00	1,576.55	2,087.57	-1,141.19
10,521.00	90.00	340.12	9,048.50	1,576.61	-570.20	0.00	1,676.55	2,181.61	-1,175.20
10,621.00	90.00	340.12	9,048.50	1,670.65	-604.21	0.00	1,776.55	2,275.65	-1,209.21
10,721.00	90.00	340.12	9,048.50	1,764.69	-638.22	0.00	1,876.55	2,369.69	-1,243.22
10,821.00	90.00	340.12	9,048.50	1,858.73	-672.23	0.00	1,976.56	2,463.73	-1,277.23
10,921.00	90.00	340.12	9,048.50	1,952.77	-706.24	0.00	2,076.56	2,557.77	-1,311.24
11,021.00	90.00	340.12	9,048.50	2,046.81	-740.25	0.00	2,176.56	2,651.81	-1,345.25
11,121.00	90.00	340.12	9,048.50	2,140.85	-774.26	0.00	2,276.56	2,745.85	-1,379.26
11,221.00	90.00	340.12	9,048.50	2,234.89	-808.27	0.00	2,376.56	2,839.89	-1,413.27
11,321.00	90.00	340.12	9,048.50	2,328.93	-842.28	0.00	2,476.56	2,933.93	-1,447.28
11,421.00	90.00	340.12	9,048.50	2,422.97	-876.29	0.00	2,576.56	3,027.97	-1,481.29
11,521.00	90.00	340.12	9,048.50	2,517.01	-910.30	0.00	2,676.56	3,122.01	-1,515.30
11,621.00	90.00	340.12	9,048.50	2,611.05	-944.31	0.00	2,776.56	3,216.05	-1,549.31
11,721.00	90.00	340.12	9,048.50	2,705.09	-978.32	0.00	2,876.56	3,310.09	-1,583.32
11,821.00	90.00	340.12	9,048.50	2,799.13	-1,012.33	0.00	2,976.57	3,404.13	-1,617.33
11,921.00	90.00	340.12	9,048.50	2,893.17	-1,046.34	0.00	3,076.57	3,498.17	-1,651.34
12,021.00	90.00	340.12	9,048.50	2,987.21	-1,080.35	0.00	3,176.57	3,592.21	-1,685.35
12,121.00	90.00	340.12	9,048.50	3,081.25	-1,114.36	0.00	3,276.57	3,686.25	-1,719.36
12,221.00	90.00	340.12	9,048.50	3,175.29	-1,148.37	0.00	3,376.57	3,780.29	-1,753.37
12,321.00	90.00	340.12	9,048.50	3,269.33	-1,182.38	0.00	3,476.57	3,874.33	-1,787.38
12,421.00	90.00	340.12	9,048.50	3,363.37	-1,216.39	0.00	3,576.57	3,968.37	-1,821.39
12,521.00	90.00	340.12	9,048.50	3,457.41	-1,250.40	0.00	3,676.57	4,062.41	-1,855.40
12,621.00	90.00	340.12	9,048.50	3,551.45	-1,284.41	0.00	3,776.57	4,156.45	-1,889.41
12,721.00	90.00	340.12	9,048.50	3,645.49	-1,318.42	0.00	3,876.57	4,250.49	-1,923.42
12,821.00	90.00	340.12	9,048.50	3,739.53	-1,352.43	0.00	3,976.58	4,344.53	-1,957.43
12,921.00	90.00	340.12	9,048.50	3,833.57	-1,386.44	0.00	4,076.58	4,438.57	-1,991.44
13,021.00	90.00	340.12	9,048.50	3,927.61	-1,420.45	0.00	4,176.58	4,532.61	-2,025.45
13,110.55	90.00	340.12	9,048.50	4,011.82	-1,450.91	0.00	4,266.13	4,616.82	-2,055.91 End Lateral 3,789.55

Section Calls	
North Line	5412.2
East Line	5267.2
South Line	5329.5
West Line	5258.3
SHL Quarter SE	
State Setbacks	600
BHL	
UTM E	UTM N
-2,056.10	4,617.20
Section Lines	
x	y
0.00	0.00
-5,329.50	0.00
-5,412.20	5,258.30
0.00	5,267.20
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

Middle section	
-2706.1	5,267.20
-2664.75	0.00
Hard Lines	
x	y
-600.00	600.00
-2,064.75	600.00
-2,106.10	4,667.20
-600.00	4,667.20
-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	-2,014.75	4,717.20
NW	0	0	0	0	0	-1	1	-1	1	0	0	0	1	-1	-2,156.10	4,717.20
SW	0	0	0	0	0	0	0	1	1	1	1	0	1	1	-2,014.75	4,617.20
SE	-1	0	-1	1	0	1	0	0	0	0	0	0	-1	1	-2,056.10	4,617.20

