

Casino Ultimate Recovery Scenario Tree - P50 OGIP Model

Weighting Input Panel

No Aquifer - 10.0%
 Finite Regional Aquifer - 50.0%
 Infinite Aquifer - 40.0%

Interzone Trans = 1 - 50.0%
 Interzone Trans = 0 - 50.0%

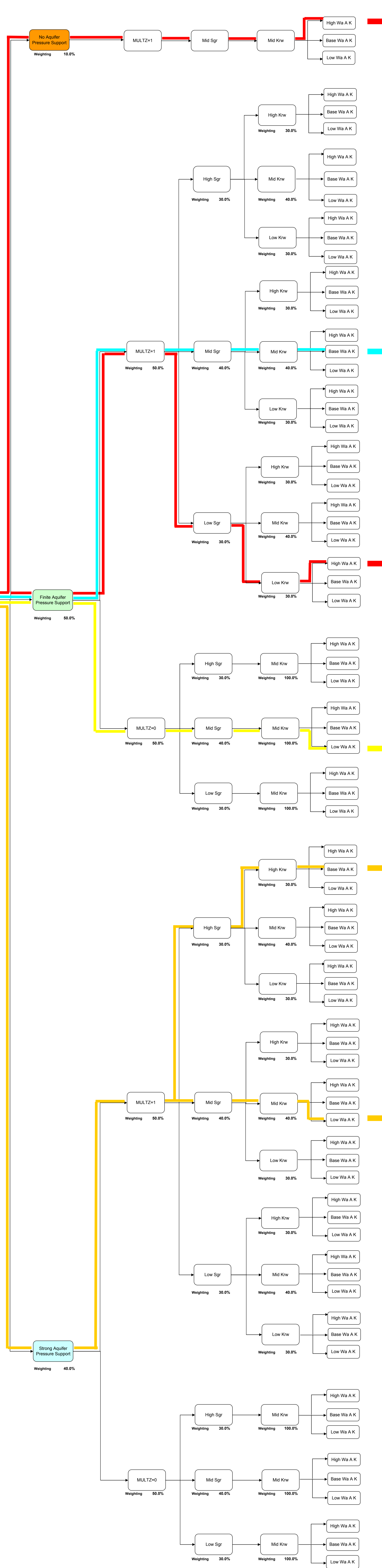
High Sgr - 30.0%
 Mid Sgr - 40.0%
 Low Sgr - 30.0%

High Kw - 30.0%
 Mid Kw - 40.0%
 Low Kw - 30.0%

High Wa A Perm - 30.0%
 Mid Wa A Perm - 40.0%
 Low Wa A Perm - 30.0%

Waarra A Sensitivity
 High Permeability - RF - 10.0%
 Low Permeability - RF - 21.0%

Legend
 "P10" Outcome (Red)
 "P50" Outcome (Yellow)
 "P90" Outcome (Cyan)
 "ML" Model (Cyan)



Weighting	Model	Key	Probability	Waarra C Bcf	OGIP Waarra A Bcf	Total Bcf	Waarra C Bcf	Ultimate Recovery Waarra A Bcf	Total Bcf	Waarra C %	Recovery Factor Waarra A %	Total %
30.0%	Pet_D4n_2P	1	1.2%	312.1	140.0	452.1	247.0	105.9	352.9	79.1%	75.6%	82.9%
40.0%	Pet_D4n_2P	2	1.6%	312.1	113.5	425.6	247.0	74.5	321.5	79.1%	65.6%	75.5%
30.0%	Pet_D4n_2P	3	1.2%	312.1	87.0	399.1	247.0	38.8	285.8	79.1%	44.6%	67.2%
30.0%	Pet_D4n_2P	4	0.3%	312.1	140.0	452.1	202.0	107.7	309.7	64.7%	77.0%	72.8%
40.0%	Pet_D4n_2P	5	0.4%	312.1	113.5	425.6	202.0	76.0	278.0	64.7%	67.0%	65.3%
30.0%	Pet_D4n_2P	6	0.3%	312.1	87.0	399.1	202.0	40.0	242.0	64.7%	46.0%	56.9%
30.0%	Pet_D4n_2P	7	0.4%	312.1	140.0	452.1	209.2	107.7	318.9	67.0%	77.0%	74.5%
40.0%	Pet_D4n_2P	8	0.5%	312.1	113.5	425.6	209.2	76.0	285.2	67.0%	67.0%	67.0%
30.0%	Pet_D4n_2P	9	0.4%	312.1	87.0	399.1	209.2	40.0	249.2	67.0%	46.0%	58.6%
30.0%	Pet_D4n_2P	10	0.3%	312.1	140.0	452.1	231.6	104.6	336.2	74.2%	74.7%	79.0%
40.0%	Pet_D4n_2P	11	0.4%	312.1	113.5	425.6	231.6	73.5	305.1	74.2%	64.7%	71.7%
30.0%	Pet_D4n_2P	12	0.3%	312.1	87.0	399.1	231.6	38.0	269.6	74.2%	43.7%	63.4%
30.0%	Pet_D4n_2P	13	0.4%	312.1	140.0	452.1	215.6	109.9	325.5	69.1%	78.5%	78.5%
40.0%	Pet_D4n_2P	14	0.5%	312.1	113.5	425.6	215.6	77.8	293.4	69.1%	68.5%	68.9%
30.0%	Pet_D4n_2P	15	0.4%	312.1	87.0	399.1	215.6	41.3	256.9	69.1%	47.5%	60.4%
30.0%	Pet_D4n_2P	16	0.5%	312.1	140.0	452.1	222.1	109.8	331.9	71.2%	78.5%	78.0%
40.0%	Pet_D4n_2P	17	0.6%	312.1	113.5	425.6	222.1	77.7	299.8	71.2%	68.5%	70.4%
30.0%	Pet_D4n_2P	18	0.5%	312.1	87.0	399.1	222.1	41.3	263.4	71.2%	47.5%	61.9%
30.0%	Pet_D4n_2P	19	0.4%	312.1	140.0	452.1	239.8	107.3	347.1	76.8%	76.7%	81.6%
40.0%	Pet_D4n_2P	20	0.5%	312.1	113.5	425.6	239.8	75.7	315.5	76.8%	66.7%	74.1%
30.0%	Pet_D4n_2P	21	0.4%	312.1	87.0	399.1	239.8	39.7	279.5	76.8%	45.7%	65.7%
30.0%	Pet_D4n_2P	22	0.3%	312.1	140.0	452.1	229.5	111.1	340.6	73.5%	79.4%	80.0%
40.0%	Pet_D4n_2P	23	0.4%	312.1	113.5	425.6	229.5	78.7	308.2	73.5%	69.4%	72.4%
30.0%	Pet_D4n_2P	24	0.3%	312.1	87.0	399.1	229.5	42.1	271.6	73.5%	48.4%	63.8%
30.0%	Pet_D4n_2P	25	0.4%	312.1	140.0	452.1	236.5	110.9	347.4	75.8%	79.2%	81.6%
40.0%	Pet_D4n_2P	26	0.5%	312.1	113.5	425.6	236.5	78.5	315.0	75.8%	69.2%	74.0%
30.0%	Pet_D4n_2P	27	0.4%	312.1	87.0	399.1	236.5	41.9	278.4	75.8%	48.2%	65.4%
30.0%	Pet_D4n_2P	28	0.3%	312.1	140.0	452.1	246.0	108.8	354.8	78.8%	77.7%	83.4%
40.0%	Pet_D4n_2P	29	0.4%	312.1	113.5	425.6	246.0	76.8	322.8	78.8%	67.7%	75.9%
30.0%	Pet_D4n_2P	30	0.3%	312.1	87.0	399.1	246.0	40.6	286.6	78.8%	46.7%	67.3%
30.0%	Pet_D4n_2P	31	0.9%	312.1	140.0	452.1	164.0	103.8	267.8	52.5%	74.1%	62.9%
40.0%	Pet_D4n_2P	32	1.2%	312.1	113.5	425.6	164.0	72.8	236.8	52.5%	64.1%	55.6%
30.0%	Pet_D4n_2P	33	0.9%	312.1	87.0	399.1	164.0	37.5	201.5	52.5%	43.1%	47.4%
30.0%	Pet_D4n_2P	34	1.2%	312.1	140.0	452.1	172.8	105.3	278.1	55.4%	75.2%	65.4%
40.0%	Pet_D4n_2P	35	1.6%	312.1	113.5	425.6	172.8	74.0	246.8	55.4%	65.2%	58.0%
30.0%	Pet_D4n_2P	36	1.2%	312.1	87.0	399.1	172.8	38.5	211.3	55.4%	44.2%	49.6%
30.0%	Pet_D4n_2P	37	0.9%	312.1	140.0	452.1	181.0	106.6	287.6	58.0%	76.1%	67.6%
40.0%	Pet_D4n_2P	38	1.2%	312.1	113.5	425.6	181.0	75.1	256.1	58.0%	66.1%	60.2%
30.0%	Pet_D4n_2P	39	0.9%	312.1	87.0	399.1	181.0	39.3	220.3	58.0%	45.1%	51.8%
30.0%	Pet_D4n_2P	40	0.2%	312.1	140.0	452.1	194.0	107.6	301.6	62.2%	76.9%	70.9%
40.0%	Pet_D4n_2P	41	0.3%	312.1	113.5	425.6	194.0	75.9	269.9	62.2%	66.9%	63.4%
30.0%	Pet_D4n_2P	42	0.2%	312.1	87.0	399.1	194.0	39.9	233.9	62.2%	45.9%	55.0%
30.0%	Pet_D4n_2P	43	0.3%	312.1	140.0	452.1	201.2	107.7	308.9	64.5%	77.0%	72.6%
40.0%	Pet_D4n_2P	44	0.4%	312.1	113.5	425.6	201.2	76.0	277.2	64.5%	67.0%	65.1%
30.0%	Pet_D4n_2P	45	0.3%	312.1	87.0	399.1	201.2	40.0	241.2	64.5%	46.0%	56.7%
30.0%	Pet_D4n_2P	46	0.2%	312.1	140.0	452.1	227.0	103.7	330.7	72.7%	74.1%	77.7%
40.0%	Pet_D4n_2P	47	0.3%	312.1	113.5	425.6	227.0	72.7	299.7	72.7%	64.1%	70.4%
30.0%	Pet_D4n_2P	48	0.2%	312.1	87.0	399.1	227.0	37.5	264.5	72.7%	43.1%	62.1%
30.0%	Pet_D4n_2P	49	0.3%	312.1	140.0	452.1	205.6	109.8	315.4	65.9%	78.5%	74.1%
40.0%	Pet_D4n_2P	50	0.4%	312.1	113.5	425.6	205.6	77.7	283.3	65.9%	68.5%	66.6%
30.0%	Pet_D4n_2P	51	0.3%	312.1	87.0	399.1	205.6	41.3	246.9	65.9%	47.5%	58.0%
30.0%	Pet_D4n_2P	52	0.4%	312.1	140.0	452.1	210.0	109.9	319.9	67.3%	78.5%	75.2%
40.0%	Pet_D4n_2P	53	0.5%	312.1	113.5	425.6	210.0	77.8	290.8	68.2%	68.5%	68.3%
30.0%	Pet_D4n_2P	54	0.4%	312.1	87.0	399.1	210.0	41.3	259.7	70.0%	47.5%	61.0%
30.0%	Pet_D4n_2P	55	0.3%	312.1	140.0	452.1	236.5	106.2	342.7	75.8%	75.8%	80.5%
40.0%	Pet_D4n_2P	56	0.4%	312.1	113.5	425.6	236.5	74.7	311.2	75.8%	65.8%	73.1%
30.0%	Pet_D4n_2P	57	0.3%	312.1	87.0	399.1	236.5	39.0	275.5	75.8%	44.8%	64.7%
30.0%	Pet_D4n_2P	58	0.2%	312.1	140.0	452.1	217.6	111.5	329.1	69.7%	79.6%	77.3%
40.0%	Pet_D4n_2P	59	0.3%	312.1	113.5	425.6	217.6	79.0	296.6	69.7%	69.6%	69.7%
30.0%	Pet_D4n_2P	60	0.2%	312.1	87.0	399.1	217.6	42.3	259.9	69.7%	48.6%	61.1%
30.0%	Pet_D4n_2P	61	0.3%	312.1	140.0	452.1	224.8	111.6	336.4	72.0%	79.7%	79.0%
40.0%	Pet_D4n_2P	62	0.4%	312.1	113.5	425.6	224.8	79.1	303.9	72.0%	69.7%	71.4%
30.0%	Pet_D4n_2P	63	0.3%	312.1	87.0	399.1	224.8	42.4	267.2	72.0%	48.7%	62.8%
30.0%	Pet_D4n_2P	64	0.2%	312.1	140.0	452.1	244.0	108.5	352.5	78.2%	77.5%	82.8%
40.0%	Pet_D4n_2P	65	0.3%	312.1	113.5	425.6	244.0	76.6	320.6	78.2%	67.5%	75.3%
30.0%	Pet_D4n_2P	66	0.2%	312.1	87.0	399.1	244.0	40.4	284.4	78.2%	46.5%	66.8%
30.0%	Pet_D4n_2P	67	0.7%	312.1	140.0	452.1	161.5	103.5	265.0	51.7%	73.9%	62.3%
40.0%	Pet_D4n_2P	68	1.0%	312.1	113.5	425.6	161.5	72.5	234.0	51.7%	63.9%	55.0%
30.0%	Pet_D4n_2P	69	0.7%	312.1	87.0	399.1	161.5	37.3	198.8	51.7%	42.9%	46.7%
30.0%	Pet_D4n_2P	70	1.0%	312.1	140.0	452.1	168.5	105.3	273.8	54.0%	75.2%	64.3%
40.0%	Pet_D4n_2P	71	1.3%	312.1	113.5	425.6	168.5	74.0	242.5	54.0%	65.2%	57.0%
30.0%	Pet_D4n_2P	72	1.0%	312.1	87.0	399.1	168.5	38.5	207.0	54.0%	44.2%	48.6%
30.0%	Pet_D4n_2P	73	0.7%	312.1	140.0	452.1	174.8	106.5	281.3	56.0%	76.1%	66.1%
40.0%	Pet_D4n_2P	74	1.0%	312.1	113.5	425.6	174.8	75.0	249.8	56.0%	66.1%	58.7%
30.0%	Pet_D4n_2P	75	0.7%	312.1	87.0	399.1	174.8	39.2	214.0	56.0%	45.1%	50.3%
TOTAL 40.0%												