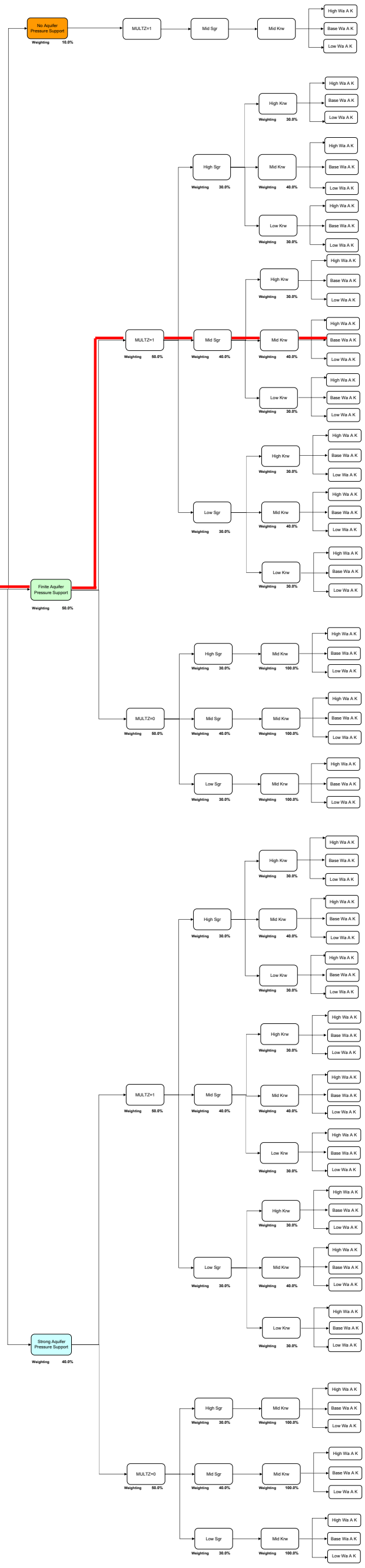
Casino Ultimate Recovery Scenario Tree - P10 OGIP Model

Weighting Input Panel	
No Aquifer	10.0%
Moderate 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 Krw	30.0%
Mid Krw	40.0%
Low Krw	30.0%
High Wa A Perm	30.0%
Mid Wa A Perm	40.0%
Low Wa A Perm	30.0%

Waarre A Sensitivity	
High Permeability + RF	10.0%
Low Permeability - RF	-21.0%

- "P10" Outcome
- "P50" Outcome
- "P90" Outcome
- "ML" Model



Pet_04j_3P

P10 Static Model

Weighting	30.0%
Bcf	OGIP
Upper C 3P	31.3
Upper C 2P	31.3
Upper C 1P	23.2
Main Wa C	285.2
Wa Ca1	9.9
Wa C	380.9
Upper Wa A	14.8
Lower Wa A	100.0
Wa A	114.7
Total	**495.6**

Low k Sw OGIP delta	
Upper Wa A	-8.0
Lower Wa A	-18.5
Total	-26.5

High k Sw OGIP delta	
Upper Wa A	8.0
Lower Wa A	-18.5
Total	26.5

Weighting	Model	Key	Probability	OGIP Waarre C Bcf	OGIP Waarre A Bcf	OGIP Total Bcf	Ultimate Recovery Waarre C Bcf	Ultimate Recovery Waarre A Bcf	Ultimate Recovery Total Bcf	Recovery Factor Waarre C %	Recovery Factor Waarre A %	Recovery Factor Total %
30.0%	Pet_04j_3P	1	0.9%	380.9	141.2	522.1	311.2	110.7	421.9	81.7%	78.4%	85.1%
40.0%	Pet_04j_3P	2	1.2%	380.9	114.7	495.6	311.2	78.5	389.7	81.7%	68.4%	78.6%
30.0%	Pet_04j_3P	3	0.9%	380.9	88.2	469.1	311.2	41.8	353.0	81.7%	47.4%	71.2%
30.0%	Pet_04j_3P	4	0.2%	380.9	141.2	522.1	246.5	108.7	355.2	64.7%	77.0%	71.7%
40.0%	Pet_04j_3P	5	0.3%	380.9	114.7	495.6	246.5	76.8	323.4	64.7%	67.0%	65.2%
30.0%	Pet_04j_3P	6	0.2%	380.9	88.2	469.1	246.5	40.6	287.1	64.7%	46.0%	57.9%
30.0%	Pet_04j_3P	7	0.3%	380.9	141.2	522.1	255.3	108.7	364.0	67.0%	77.0%	73.4%
40.0%	Pet_04j_3P	8	0.4%	380.9	114.7	495.6	255.3	76.8	332.2	67.0%	67.0%	67.0%
30.0%	Pet_04j_3P	9	0.3%	380.9	88.2	469.1	255.3	40.6	295.9	67.0%	46.0%	59.7%
30.0%	Pet_04j_3P	10	0.2%	380.9	141.2	522.1	286.2	107.0	393.2	75.1%	75.8%	79.3%
40.0%	Pet_04j_3P	11	0.3%	380.9	114.7	495.6	286.2	75.5	361.7	75.1%	65.8%	73.0%
30.0%	Pet_04j_3P	12	0.2%	380.9	88.2	469.1	286.2	39.5	325.7	75.1%	44.8%	65.7%
30.0%	Pet_04j_3P	13	0.3%	380.9	141.2	522.1	263.1	110.9	374.1	69.1%	78.5%	75.5%
40.0%	Pet_04j_3P	14	0.4%	380.9	114.7	495.6	263.1	78.6	341.8	69.1%	68.5%	69.0%
30.0%	Pet_04j_3P	15	0.3%	380.9	88.2	469.1	263.1	41.9	305.1	69.1%	47.5%	61.6%
30.0%	Pet_04j_3P	16	0.4%	380.9	141.2	522.1	271.1	110.8	381.9	71.2%	78.5%	77.0%
40.0%	Pet_04j_3P	17	0.5%	380.9	114.7	495.6	271.1	78.6	349.6	71.2%	68.5%	70.5%
30.0%	Pet_04j_3P	18	0.4%	380.9	88.2	469.1	271.1	41.9	312.9	71.2%	47.5%	63.1%
30.0%	Pet_04j_3P	19	0.3%	380.9	141.2	522.1	297.8	110.0	407.8	78.2%	77.9%	82.3%
40.0%	Pet_04j_3P	20	0.4%	380.9	114.7	495.6	297.8	77.9	375.7	78.2%	67.9%	75.8%
30.0%	Pet_04j_3P	21	0.3%	380.9	88.2	469.1	297.8	41.4	339.1	78.2%	46.9%	68.4%
30.0%	Pet_04j_3P	22	0.2%	380.9	141.2	522.1	280.1	112.1	392.2	73.5%	79.4%	79.1%
40.0%	Pet_04j_3P	23	0.3%	380.9	114.7	495.6	280.1	79.6	359.7	73.5%	69.4%	72.6%
30.0%	Pet_04j_3P	24	0.2%	380.9	88.2	469.1	280.1	42.7	322.8	73.5%	48.4%	65.1%
30.0%	Pet_04j_3P	25	0.3%	380.9	141.2	522.1	288.6	111.9	400.5	75.8%	79.2%	80.8%
40.0%	Pet_04j_3P	26	0.4%	380.9	114.7	495.6	288.6	79.4	368.0	75.8%	69.2%	74.3%
30.0%	Pet_04j_3P	27	0.3%	380.9	88.2	469.1	288.6	42.5	331.2	75.8%	48.2%	66.8%
30.0%	Pet_04j_3P	28	0.2%	380.9	141.2	522.1	304.6	111.7	416.3	80.0%	79.1%	84.0%
40.0%	Pet_04j_3P	29	0.3%	380.9	114.7	495.6	304.6	79.2	383.9	80.0%	69.1%	77.4%
30.0%	Pet_04j_3P	30	0.2%	380.9	88.2	469.1	304.6	42.4	347.0	80.0%	48.1%	70.0%
30.0%	Pet_04j_3P	31	0.7%	380.9	141.2	522.1	197.1	104.7	301.8	51.7%	74.1%	60.9%
40.0%	Pet_04j_3P	32	0.9%	380.9	114.7	495.6	197.1	73.6	270.7	51.7%	64.1%	54.6%
30.0%	Pet_04j_3P	33	0.7%	380.9	88.2	469.1	197.1	38.1	235.2	51.7%	43.1%	47.4%
30.0%	Pet_04j_3P	34	0.9%	380.9	141.2	522.1	205.6	106.3	311.9	54.0%	75.2%	62.9%
40.0%	Pet_04j_3P	35	1.2%	380.9	114.7	495.6	205.6	74.9	280.5	54.0%	65.2%	56.6%
30.0%	Pet_04j_3P	36	0.9%	380.9	88.2	469.1	205.6	39.0	244.7	54.0%	44.2%	49.4%
30.0%	Pet_04j_3P	37	0.7%	380.9	141.2	522.1	213.3	107.6	320.9	56.0%	76.1%	64.7%
40.0%	Pet_04j_3P	38	0.9%	380.9	114.7	495.6	213.3	75.9	289.2	56.0%	66.1%	58.4%
30.0%	Pet_04j_3P	39	0.7%	380.9	88.2	469.1	213.3	39.8	253.2	56.0%	45.1%	51.1%
30.0%	Pet_04j_3P	40	0.2%	380.9	141.2	522.1	236.8	108.6	345.4	62.2%	76.9%	69.7%
40.0%	Pet_04j_3P	41	0.2%	380.9	114.7	495.6	236.8	76.8	313.5	62.2%	66.9%	63.3%
30.0%	Pet_04j_3P	42	0.2%	380.9	88.2	469.1	236.8	40.5	277.3	62.2%	45.9%	55.9%
30.0%	Pet_04j_3P	43	0.2%	380.9	141.2	522.1	245.6	108.7	354.3	64.5%	77.0%	71.5%
40.0%	Pet_04j_3P	44	0.3%	380.9	114.7	495.6	245.6	76.8	322.4	64.5%	67.0%	65.0%
30.0%	Pet_04j_3P	45	0.2%	380.9	88.2	469.1	245.6	40.6	286.1	64.5%	46.0%	57.7%
30.0%	Pet_04j_3P	46	0.2%	380.9	141.2	522.1	279.5	105.0	384.5	73.4%	74.4%	77.6%
40.0%	Pet_04j_3P	47	0.2%	380.9	114.7	495.6	279.5	73.8	353.3	73.4%	64.4%	71.3%
30.0%	Pet_04j_3P	48	0.2%	380.9	88.2	469.1	279.5	38.3	317.7	73.4%	43.4%	64.1%
30.0%	Pet_04j_3P	49	0.2%	380.9	141.2	522.1	250.9	110.8	361.7	65.9%	78.5%	73.0%
40.0%	Pet_04j_3P	50	0.3%	380.9	114.7	495.6	250.9	78.6	329.5	65.9%	68.5%	66.5%
30.0%	Pet_04j_3P	51	0.2%	380.9	88.2	469.1	250.9	41.9	292.8	65.9%	47.5%	59.1%
30.0%	Pet_04j_3P	52	0.3%	380.9	141.2	522.1	260.0	110.9	370.9	68.2%	78.5%	74.8%
40.0%	Pet_04j_3P	53	0.4%	380.9	114.7	495.6	260.0	78.6	338.6	68.2%	68.5%	68.3%
30.0%	Pet_04j_3P	54	0.3%	380.9	88.2	469.1	260.0	41.9	301.9	68.2%	47.5%	60.9%
30.0%	Pet_04j_3P	55	0.2%	380.9	141.2	522.1	291.7	108.7	400.4	76.6%	77.0%	80.8%
40.0%	Pet_04j_3P	56	0.3%	380.9	114.7	495.6	291.7	76.8	368.5	76.6%	67.0%	74.4%
30.0%	Pet_04j_3P	57	0.2%	380.9	88.2	469.1	291.7	40.6	332.2	76.6%	46.0%	67.0%
30.0%	Pet_04j_3P	58	0.2%	380.9	141.2	522.1	265.6	112.5	378.1	69.7%	79.6%	76.3%
40.0%	Pet_04j_3P	59	0.2%	380.9	114.7	495.6	265.6	79.9	345.5	69.7%	69.6%	69.7%
30.0%	Pet_04j_3P	60	0.2%	380.9	88.2	469.1	265.6	42.9	308.5	69.7%	48.6%	62.2%
30.0%	Pet_04j_3P	61	0.2%	380.9	141.2	522.1	274.4	112.6	387.0	72.0%	79.7%	78.1%
40.0%	Pet_04j_3P	62	0.3%	380.9	114.7	495.6	274.4	80.0	354.4	72.0%	69.7%	71.5%
30.0%	Pet_04j_3P	63	0.2%	380.9	88.2	469.1	274.4	43.0	317.4	72.0%	48.7%	64.0%
30.0%	Pet_04j_3P	64	0.2%	380.9	141.2	522.1	291.7	111.0	402.7	76.6%	78.6%	81.3%
40.0%	Pet_04j_3P	65	0.2%	380.9	114.7	495.6	291.7	78.7	370.4	76.6%	68.6%	74.7%
30.0%	Pet_04j_3P	66	0.2%	380.9	88.2	469.1	291.7	42.0	333.7	76.6%	47.6%	67.3%
30.0%	Pet_04j_3P	67	0.5%	380.9	141.2	522.1	197.1	104.4	301.5	51.7%	73.9%	60.8%
40.0%	Pet_04j_3P	68	0.7%	380.9	114.7	495.6	197.1	73.3	270.4	51.7%	63.9%	54.6%
30.0%	Pet_04j_3P	69	0.5%	380.9	88.2	469.1	197.1	37.9	235.0	51.7%	42.9%	47.4%
30.0%	Pet_04j_3P	70	0.7%	380.9	141.2	522.1	205.6	106.3	311.9	54.0%	75.2%	62.9%
40.0%	Pet_04j_3P	71	1.0%	380.9	114.7	495.6	205.6	74.9	280.5	54.0%	65.2%	56.6%
30.0%	Pet_04j_3P	72	0.7%	380.9	88.2	469.1	205.6	39.0	244.7	54.0%	44.2%	49.4%
30.0%	Pet_04j_3P	73	0.5%	380.9	141.2	522.1	213.3	107.4	320.8	56.0%	76.1%	64.7%
40.0%	Pet_04j_3P	74	0.7%	380.9	114.7	495.6	213.3	75.8	289.1	56.0%	66.1%	58.3%
30.0%	Pet_04j_3P	75	0.5%	380.9	88.2	469.1	213.3	39.8	253.1	56.0%	45.1%	51.1%

TOTAL 30.0%