

**Sample Game : KC1502
5-reel slot**

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**KellyCom games are based on total random operation of all game functions.
Games utilising non-random events will not be supplied by KellyCom**

**KellyCom prefers to develop games to customer specifications.
To this end, a game parameters form can be supplied on request.**

Variations Available

Standard	89.939%
Var. # 1	92.426%
Var. # 2	94.994%
Var. # 3	96.678%

Standard - Base Game Calculations

Symbol Distribution

Symbol	Reel 1	Reel 2	Reel 3	Reel 4	Reel 5
Nugget	1	1	1	1	1
Pan	2	2	6	1	2
Pick	2	2	5	3	4
Ace	3	1	5	5	4
King	2	5	3	3	2
Queen	4	4	2	3	4
Jack	6	4	1	4	4
Ten	4	4	1	4	3
Coins	1	2	1	1	1
	25	25	25	25	25

Cycle

9765625

Free Game

Triggers
1st Playline ONLY

	Reel 1	Reel 2	Reel 3	Reel 4	Reel 5	Hits	Prize	RTP %	Free Game Triggers
Nugget	1	1	1	1	1	1	2000	0.020%	1
	1	1	1	1	24	24	200	0.049%	24
	1	1	1	24	25	600	25	0.154%	600
	1	1	24	25	25	15000	5	0.768%	15000
Pan	2	2	6	1	2	48	500	0.246%	48
	2	2	6	1	23	552	200	1.130%	552
	2	2	6	24	25	14400	25	3.686%	14400
	2	2	19	25	25	47500	5	2.432%	47500
Pick	2	2	5	3	4	240	500	1.229%	
	2	2	5	3	21	1260	200	2.580%	
	2	2	5	22	25	11000	25	2.816%	
	2	2	20	25	25	50000	5	2.560%	
Ace	3	1	5	5	4	300	500	1.536%	
	3	1	5	5	21	1575	200	3.226%	

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3	3	1	5	20	25	7500	25	1.920%
2	3	1	20	25	25	37500	5	1.920%
King								
5	2	5	3	3	2	180	500	0.922%
4	2	5	3	3	23	2070	200	4.239%
3	2	5	3	22	25	16500	25	4.224%
2	2	5	22	25	25	137500	5	7.040%
Queen								
5	4	4	2	3	4	384	200	0.786%
4	4	4	2	3	21	2016	50	1.032%
3	4	4	2	22	25	17600	10	1.802%
2	4	4	23	25	25	230000	2	4.710%
Jack								
5	6	4	1	4	4	384	200	0.786%
4	6	4	1	4	21	2016	50	1.032%
3	6	4	1	21	25	12600	10	1.290%
2	6	4	24	25	25	360000	2	7.373%
Ten								
5	4	4	1	4	3	192	200	0.393%
4	4	4	1	4	22	1408	50	0.721%
3	4	4	1	21	25	8400	10	0.860%
2	4	4	24	25	25	240000	2	4.915%
Coins - Scattered								
5	3	6	3	3	3	486	100	0.498%
4	3	6	3	3	22	3564	25	0.912%
3	3	6	3	22	25	29700	5	1.521%
							<u>1252500</u>	<u>71.331%</u>

Payout Profile for Base Game

Cycle 9765625

Prize	Frequency	RTP %
2000	1	0.020%
500	768	3.932%
200	6441	13.191%
100	486	0.498%
50	5440	2.785%
25	53564	13.712%
10	38600	3.953%
5	317200	16.241%
2	830000	16.998%
Hit Rate		71.331%
		7.797

Feature Game

Whenever a win involving the symbols 'Nugget' or 'Pan' occur ON PAYLINE ONE (1), 10 free games are triggered.
 During Free games

- 1 Base prize values are TRIPLED
- 2 Further free games may be triggered during free games

The number of base game free game triggers is : 78,125

To calculate the TOTAL number of free game triggers (allowing for re-triggering during free games), the sum of the geometric progression has to be ascertained.

the general formula for the progression is : $a/(1-p)$ where $a =$ the number of base game triggers
 $p =$ the probability of a base game trigger

p is $(78125 / 9765625) * 10 = 0.080000$ 84,918.48

The sum of the progression is, therefore

Therefore, this is the Total Number of Free-Game triggers per game cycle.

Payout Profiles for the Base game and the Feature Game
 Cycle 9765625 Triggers 84918.47826 Free games 10 Prize uplift 3

BASE GAME

Prize	Frequency	RTP %	Prize	Frequency	RTP %
2000	1	0.020%	6000	0.0870	0.005%
500	768	3.932%	1500	66.7826	1.026%
200	6441	13.191%	600	560.0870	3.441%
100	486	0.498%	300	42.2609	0.130%
50	5440	2.785%	150	473.0435	0.727%
25	53564	13.712%	75	4,657.7391	3.577%
10	38600	3.953%	30	3,356.5217	1.031%
5	317200	16.241%	15	27,582.6087	4.237%
2	830000	16.998%	6	72,173.9130	4.434%
	1252500	71.331%		108,913.04	18.608%

FEATURE GAME

Consolidated Payout Profile combining base game and free games

Cycle 9765625

Prize	Frequency	RTP %	Prize	Frequency	RTP %
6000	0.0870	0.005%			
2000	1	0.020%			
1500	66.7826	1.026%			
600	560.0870	3.441%			
500	768	3.932%			
300	42.2609	0.130%			
200	6441	13.191%			
150	473.0435	0.727%			
100	486.0000	0.498%			
75	4,657.7391	3.577%			
50	5440	2.785%			
30	3,356.5217	1.031%			
25	53564	13.712%			
15	27,582.6087	4.237%			
10	38600	3.953%			
6	72,173.9130	4.434%			
5	317200	16.241%			
2	830000	16.998%			
	1,361,413.0435	89.939%			

Standard Deviation >>

9.708

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Standard Percentage Volatility Table

RTP % 89.939%
 Std.Dev. 9.708
 C.I. 95%

# Games	Expected RTP Range	
	Low	High
50,000	81.4%	98.4%
100,000	83.9%	96.0%
200,000	85.7%	94.2%
300,000	86.5%	93.4%
400,000	86.9%	92.9%
500,000	87.2%	92.6%
600,000	87.5%	92.4%
700,000	87.7%	92.2%
800,000	87.8%	92.1%
900,000	87.9%	91.9%
1,000,000	88.0%	91.8%
1,100,000	88.1%	91.8%
1,200,000	88.2%	91.7%
1,300,000	88.3%	91.6%
1,400,000	88.3%	91.5%
1,500,000	88.4%	91.5%
1,600,000	88.4%	91.4%
1,700,000	88.5%	91.4%
1,800,000	88.5%	91.4%
1,900,000	88.6%	91.3%
2,000,000	88.6%	91.3%
2,100,000	88.6%	91.3%
2,200,000	88.7%	91.2%

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Operator Risk Table

Player Return
 Std.Dev.

89.939%
 9.708

Operator's Risk Table					
Games Played	Probability of Operator loss within the ranges and at the play rates shown				Possibility of Payouts exceeding 100%
	0 to 2 % of total bet	2 to 4 % of total bet	4% to 6% of total bet	More than 6% of total bet	
10,000	0.042968	0.033295	0.024731	0.049021	15.001%
15,000	0.038115	0.026016	0.016668	0.021370	10.217%
20,000	0.031913	0.019196	0.010613	0.009650	7.137%
30,000	0.020619	0.009645	0.003977	0.002082	3.632%
50,000	0.007507	0.002134	0.000492	0.000108	1.024%
70,000	0.002547	0.000443	0.000058	0.000006	0.305%
100,000	0.000481	0.000040	0.000002	0.000000	0.052%
200,000	0.000002	0.000000	0.000000	0.000000	0.000%
300,000	0.000000				0.000%
400,000					0.000%
500,000					0.000%
1,500,000					0.000%
2,500,000					0.000%
3,500,000					0.000%
4,500,000					0.000%
10,000,000					0.000%

Reel Strip Layout

Stop Position	Standard Percentage Reels				
	Reel 1	Reel 2	Reel 3	Reel 4	Reel 5
1	Nugget	Nugget	Nugget	Nugget	Nugget
2	Jack	King	King	Ace	Queen
3	Ace	Jack	Pan	Jack	Ten
4	Queen	Queen	Ace	Pick	Pick
5	Ten	Ten	Pick	Ten	Jack
6	Jack	Pan	Jack	Queen	Ace
7	Pan	King	Pan	Pan	Pan
8	Queen	Coins	Ten	Ace	Queen
9	Ace	Pick	Pick	King	Jack
10	Jack	Ten	Ace	Jack	Pick
11	Coins	Jack	Pan	Pick	King
12	Ten	Ace	King	Ace	Ace
13	Pick	King	Pick	Queen	Ten
14	Jack	Pick	Queen	Ten	Queen
15	Ace	Queen	Pan	Jack	Pick
16	King	Coins	Ace	Ace	Jack
17	Pick	Jack	Coins	King	Coins
18	Jack	King	Pan	Pick	Ace
19	Ten	Queen	King	Coins	King
20	Queen	Ten	Pick	Ten	Pick
21	Pan	Pan	Ace	Ace	Ten
22	Jack	King	Pan	Queen	Queen
23	Queen	Jack	Queen	Jack	Pan
24	King	Queen	Pick	King	Jack
25	Ten	Ten	Ace	Ten	Ace

Player Percentage Variations to Standard 89.939%

Variation # 1

Change Standard Reel Strips as follows:

Reel 2 Replace Jack on position 17 with Pick 92.426%

Variation # 2

Change Standard Reel Strips as follows :

Reel 2 Replace Pick on position 9 with Ace 94.994%

Variation # 3

Change Standard Reel Strips as follows :

Reel 1 Replace Ace on position 3 with King 96.678%