Customer: _____

Well Name & No.: _____

Date: _____

Net Bypass Rate (bpm) Past 3.400 in. / (86.36 mm) OD Plug in 4.500 in. / (114.3 mm) 11.60 lb/ft / (17.26 kg/m) Casing

Blue = input

Black = output

Select from list:

Plug OD	3.400in_86.36mm
Casing OD	4.500in_114.30mm
Casing Weight	11.60lb/ft_17.26kg/m

Casing ID	101.60 mm	4.00 in
Casing Area	8107.31 mm²	12.57 in²
Plug Area	5857.54 mm²	9.08 in²
Bypass Area	2249.77 mm²	3.49 in²

Line Speed

(ft/min)→	0	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800	820	840	860	880	900	920	940	960	980	1000
(m/min)→	0	6	12	18	24	30	37	43	49	55	61	67	73	79	85	91	98	104	110	116	122	128	134	140	146	152	158	165	171	177	183	189	195	201	207	213	219	226	232	238	244	250	256	262	268	274	280	287	293	299	305

Pump Rate

bpm ↓	m³/min ↓
1	0.2
2	0.3
3	0.5
4	0.6
5	0.8
6	1.0
7	1.1
8	1.3
9	1.4
10	1.6
11	1.7
12	1.9
13	2.1
14	2.2
15	2.4
16	2.5
17	2.7
18	2.9
19	3.0
20	3.2
21	3.3
22	3.5
23	3.7
24	3.8
25	4.0
26	4.1
27	4.3
28	4.5
29	4.6
30	4.8

REPEAT PRECISION