



New Pig Energy

Sump Capacity Chart - with 18" Pipe and Cradle

110% Rule

Frac Tank(s)	Gallons (110%)	Actual Gallons	Size (sq.ft)	Length in ft (inside)	Width in ft (inside)	Liner Size	# Pipe Cradles	Pipe (ft)
1	23,100	25,133	1,680	56	30	66' x 40'	32	180
2	29,200	29,322	1,960	56	35	66' x 45'	34	190
3	35,300	37,699	2,520	56	45	66' x 55'	36	210
4	41,400	41,888	2,800	56	50	66' x 60'	38	220
5	47,500	50,266	3,360	56	60	66' x 70'	40	240
6	53,600	54,454	3,640	56	65	66' x 75'	42	250
7	59,700	62,832	4,200	56	75	66' x 85'	46	270
8	65,800	67,021	4,480	56	80	66' x 90'	46	280
9	71,900	75,398	5,040	56	90	66' x 100'	50	300
10	75,900	79,587	5,320	56	95	66' x 105'	52	310

Berm height is 2'

Notes:

Always use 3 - 20' lengths of pipe for the 56' inside dimension

Always place the pipe inside the length dimension for the inside dimension

Never cut the pipe but in 10' or 5' increments

Calculations are based on 110% of one tank and displacements of remaining tanks