

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: SANTA RITA EXPLORATION CORP. WELL : MOONSHINE NO. 18-4
 FIELD : TWIN LAKES FIELD COUNTY, STATE: CHAVES COUNTY, NEW MEXICO

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	48.0	100.0	1.33	0.84
0.010	0.0	0.0	48.0	100.0	1.33	0.84
0.020	1.0	0.0	47.0	100.0	1.47	0.88
0.039	2.0	0.0	46.0	100.0	1.60	0.93
0.078	7.0	0.0	41.0	100.0	2.48	1.19
0.156	11.0	0.0	37.0	100.0	3.43	2.65
0.312	15.0	0.0	33.0	100.0	4.85	3.34
0.625	21.0	0.1	27.0	99.9	8.12	4.72
1.250	28.0	0.2	20.0	99.8	17.69	11.49
2.500	29.0	0.2	19.0	99.8	19.74	12.31
5.	35.0	0.7	13.0	99.3	43.69	18.66
10.	37.0	0.9	11.0	99.1	63.50	28.28
20.	42.0	2.3	6.0	97.7	215.17	113.14
40.	43.0	2.9	5.0	97.1	315.01	134.54
80.	44.0	4.1	4.0	95.9	471.05	160.00
160.	46.0	7.9	2.0	92.1	2252.78	2560.00
320.	46.0	7.9	2.0	92.1	2252.78	2560.00
640.	46.0	7.9	2.0	92.1	2252.78	2560.00
1280.	46.0	7.9	2.0	92.1	2252.78	2560.00
2560.	47.0	38.3	1.0	61.7	3210.00	2560.00
5120.	48.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 5204.67