

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

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.010 - 0.020	1.0	0.010	0.010	1.0	2.1	2.1
0.020 - 0.039	1.0	0.030	0.030	6.6	2.1	4.2
0.039 - 0.078	5.0	0.045	0.046	3.2	10.4	14.6
0.078 - 0.156	4.0	0.123	0.125	3.2	8.3	22.9
0.156 - 0.312	4.0	0.196	0.198	3.5	8.3	31.3
0.312 - 0.625	6.0	0.477	0.483	3.8	12.5	43.8
0.625 - 1.250	7.0	0.878	0.887	2.9	14.6	58.3
1.250 - 2.500	1.0	2.2	2.2	6.3	2.1	60.4
2.500 - 5.000	6.0	3.5	3.6	7.3	12.5	72.9
5.0 - 10.	2.0	5.6	5.6	13.1	4.2	77.1
10. - 20.	5.0	15.	15.	4.8	10.4	87.5
20. - 40.	1.0	32.	32.	9.7	2.1	89.6
40. - 80.	1.0	63.	63.	19.2	2.1	91.7
80. - 160.	2.0	98.	99.	4.2	4.2	95.8
1280. - 2560.	1.0	1581.	1581.	1.4	2.1	97.9
2560. - 5120.	1.0	3210.	3210.	1.9	2.1	100.0

TOTAL NUMBER OF FEET = 48.0