

13-32-38W
15-189-20579

**Mercury Injection Capillary Pressure
Walters A-1
Hugoton Gas Field**

prepared for

**Anadarko Petroleum Corp.
The Woodlands, Texas**

August, 2002



13-32-38W
15-189-20579

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August 9, 2002

Mr. Chris Sembritzky
Anadarko Petroleum Corp.
1201 Lake Robbins Drive
The Woodlands, Texas 77380

Dear Chris,

PetroTech Associates has completed high pressure mercury injection capillary pressure testing of nineteen (19) conventional core samples from the Anadarko Walters A - 1 well, Hugoton Gas Field. The samples consisted of plugs (one inch diameter by approximately one inch in length) that represent various formations penetrated in the well between the depths of 2553 and 2854 feet. Presented in this report, in tabular and graphical format, are the results of the mercury injection testing. The data are also provided on computer disk (Excel format).

During capillary pressure testing, the volume of mercury injected was monitored at 118 pressure points from 1.64 to 59,500 psia. These data were then corrected for closure (i.e., mercury conformance to the sample surface). A table of the data and separate plots of cumulative bulk volume and wetting phase saturation versus capillary pressure, as well as the incremental pore aperture size distribution, are included for each sample. A composite plot of the drainage data and a series of "thumbnail" pore aperture size distribution plots are provided as an aid when comparing samples.

Table 1 contains both the porosity and permeability data from core analysis and the values derived from the mercury injection data. For a majority of the samples the two sets of data are very similar. The core analysis porosity ranges from 6.8% to 22.7%, and the permeability varies from 0.045 md to 69 md. Comparable values from the mercury data are 6.9% - 23.5% and 0.027 - 83.5 md. The biggest difference is in the permeability for the Krider Shoal samples, where the capillary pressure derived values are significantly higher (6.4 and 23 md vs. <1 md). These two samples have small moldic pores (1-2 mm openings on the sample surface) and, as a result, have very small closure corrections, as the mercury begins to intrude these pores at very low injection pressures. However, small volumes of early intrusion should not materially effect the calculation of permeability (Swanson equation, 1981).

The capillary pressure data show that the pore structures vary from well defined systems that have unimodal intrusion profiles to systems with very broad profiles. The broader profiles correspond to more heterogeneous structures that have poorly defined pore aperture distributions with bi- to tri- modal peaks. The Krider Shoal samples have

the most heterogeneous (broad) intrusion profiles. Median apertures range from 0.20 microns (diameter) to 7.4 microns.

PetroTech has assigned project code PA – 834 to this study. We appreciate the opportunity to provide these services. Please contact us with any comments or questions regarding the data or analytical procedures.

Sincerely,



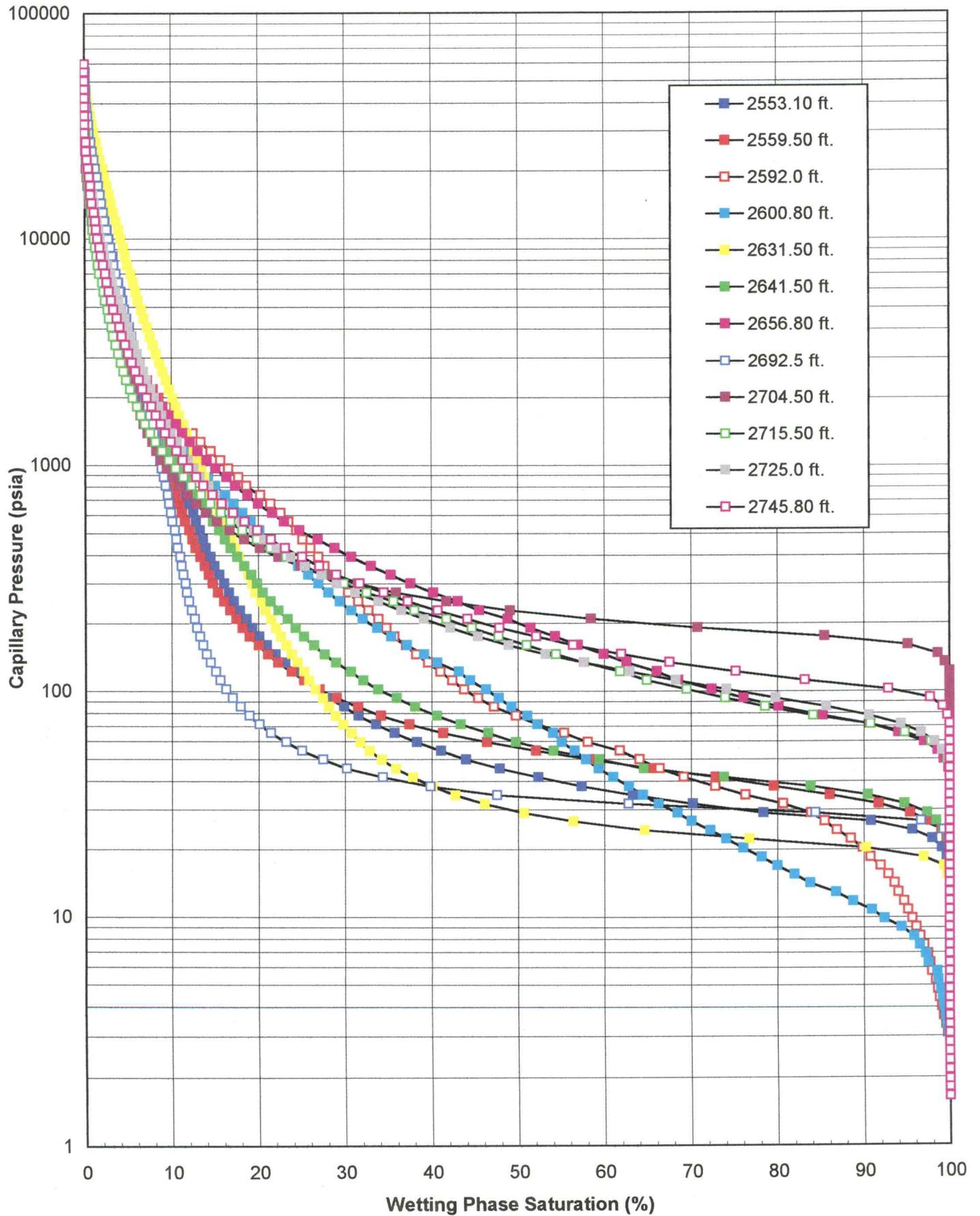
George Belger

TABLE 1
Pore System Properties : Walters A - 1 Well

Formation	Sample Depth (ft)	Core Analysis		Mercury Derived		Median Aperture	Pore Distribution
		Porosity (%)	Perm (air) (md)	Porosity (%)	Perm (air) (md)		
Krider TF	2553.10	18.8	41.3	19.7	35.0	4.90	Unimodal sharp
Krider TF	2559.50	18.6	17.5	18.9	22.1	3.79	Unimodal
Krider Shoal	2592.00	11.4	0.209	11.0	6.4	2.75	Bimodal (tri?)
Krider Shoal	2600.80	14.8	0.979	14.7	23.0	2.59	Bimodal broad
Winfield TF (Trans to Cplain)	2631.50	21.5	68.6	22.0	83.5	7.40	Unimodal sharp
Winfield Shoal (Trans to TF)	2641.50	17.7	3.45	17.6	18.0	3.72	Unimodal sharp
Winfield Shoal	2656.80	13.3	1.50	13.3	1.76	1.06	Unimodal broad
Towanda TF	2692.50	22.7	61.1	23.5	78.8	6.22	Unimodal sharp
Towanda Shoal	2704.50	19.5	1.54	19.8	2.35	0.96	Unimodal sharp
Towanda Shoal	2715.50	14.8	3.17	15.0	2.53	1.30	Unimodal broad
Towanda Shoal (Trans to TF)	2725.00	13.9	1.57	13.5	2.22	1.36	Unimodal
Fort Riley Shoal (Trans to TF)	2745.80	17.0	1.82	17.2	2.46	1.17	Unimodal
Fort Riley Shoal	2752.00	18.1	6.71	18.2	7.98	2.17	Unimodal
Fort Riley Shoal	2759.50	10.0	0.511	10.1	1.55	1.46	Unimodal
Fort Riley Shoal	2767.50	14.0	0.936	14.0	1.14	0.907	Unimodal sharp
Florence TF	2808.50	11.1	0.673	11.9	0.587	0.693	Unimodal broad
Florence TF (Trans to Wreford Cplain)	2811.10	9.8	0.358	10.7	0.142	0.313	Unimodal broad
Wreford Shoal	2835.50	6.8	0.045	6.9	0.0269	0.199	Unimodal
Wreford Shoal	2854.00	11.8	0.732	11.9	1.02	0.971	Unimodal broad

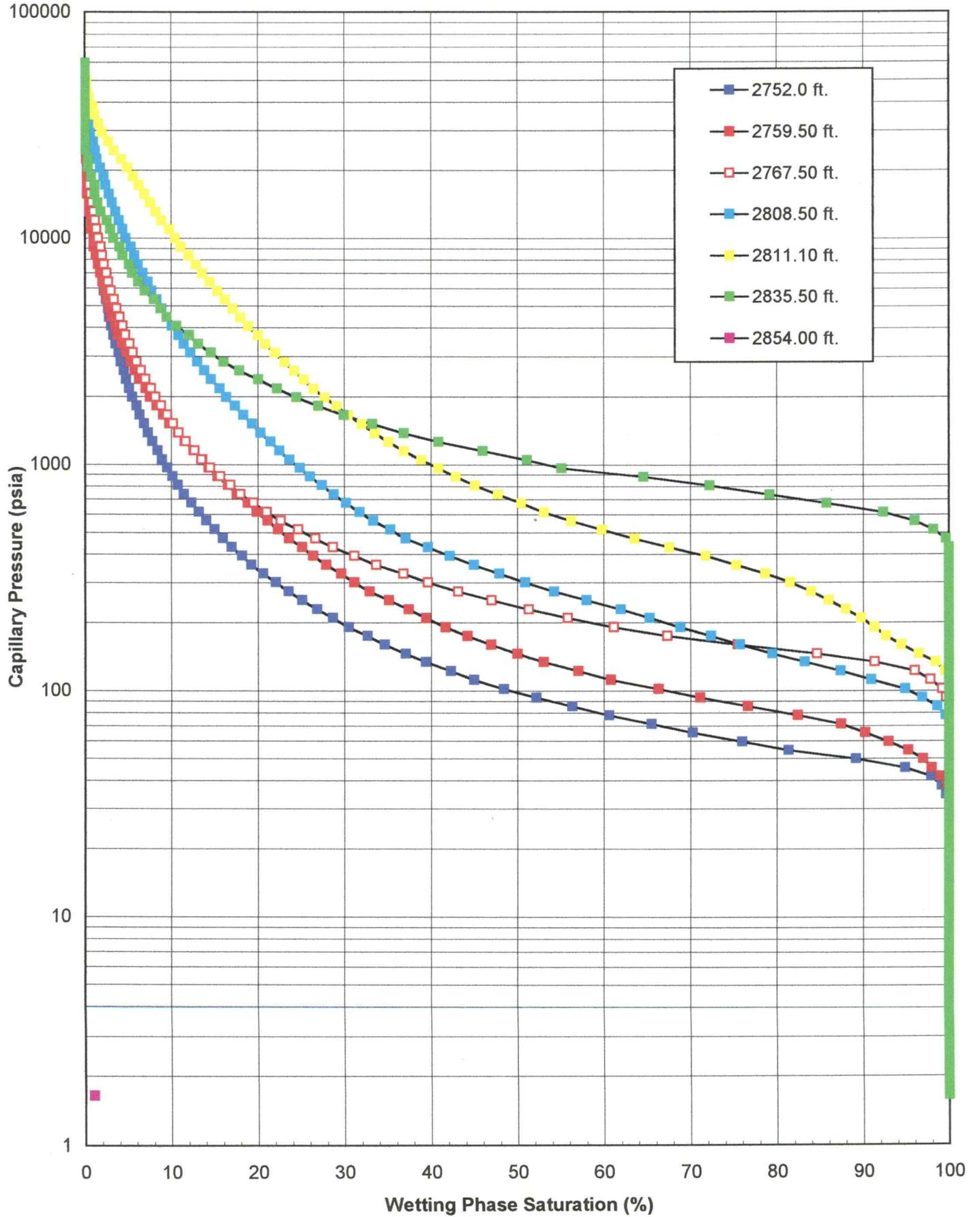
Walters A-1

Mercury Injection Capillary Pressure (Pore Volume)

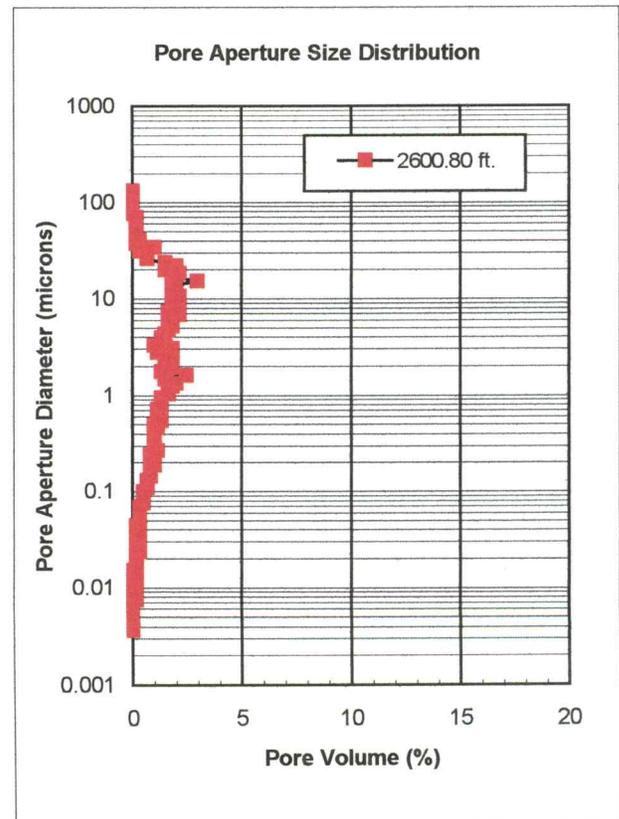
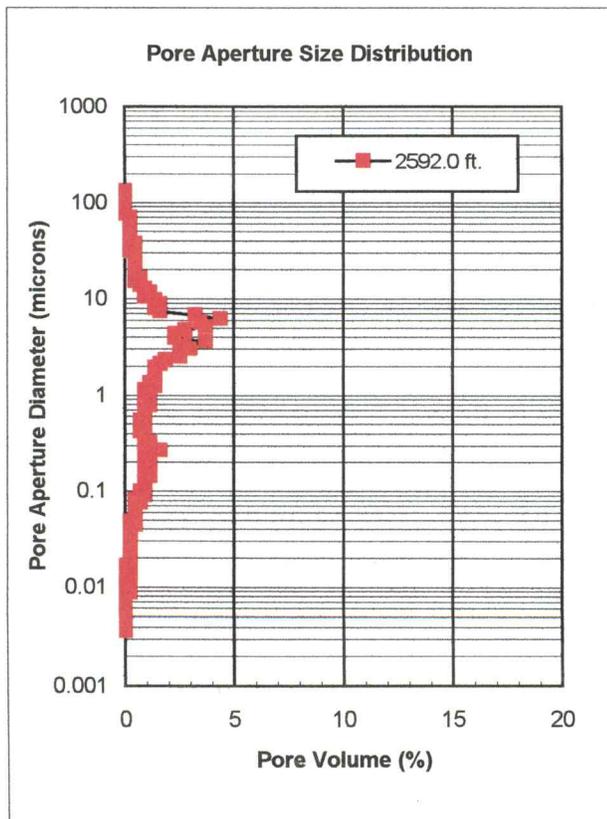
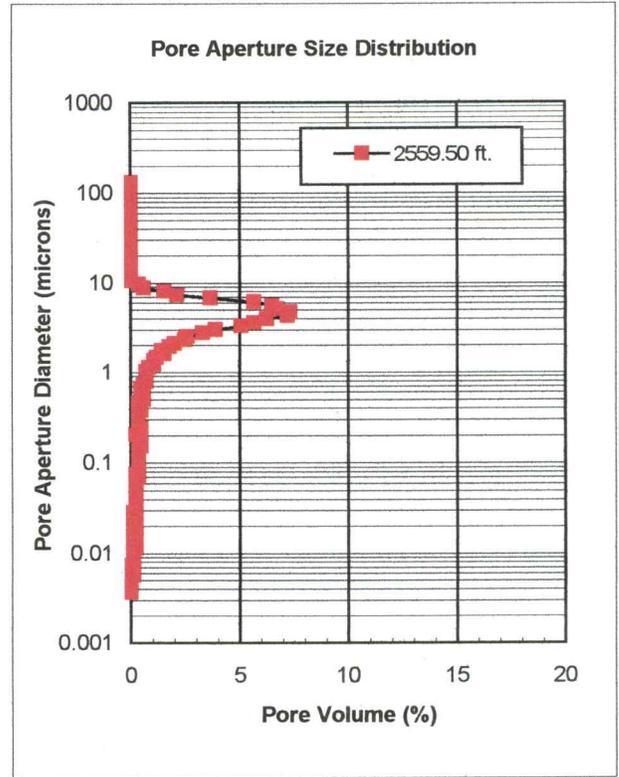
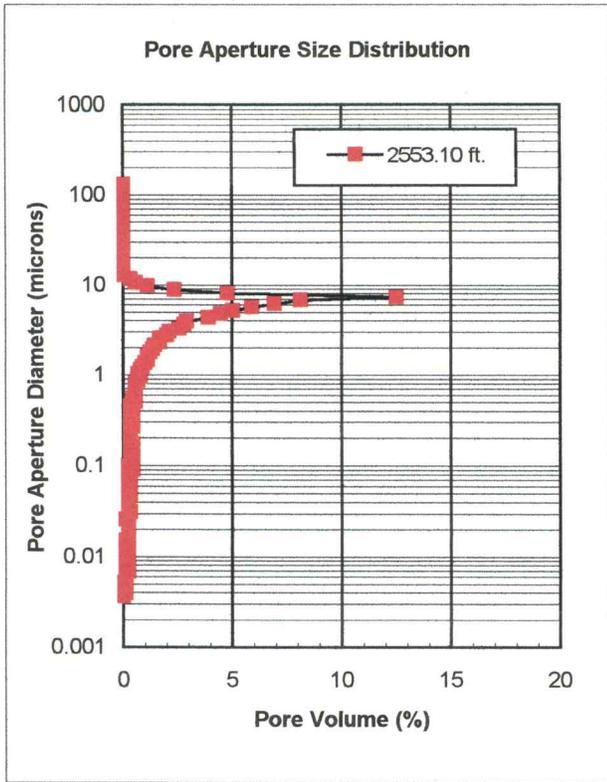


Walters A-1

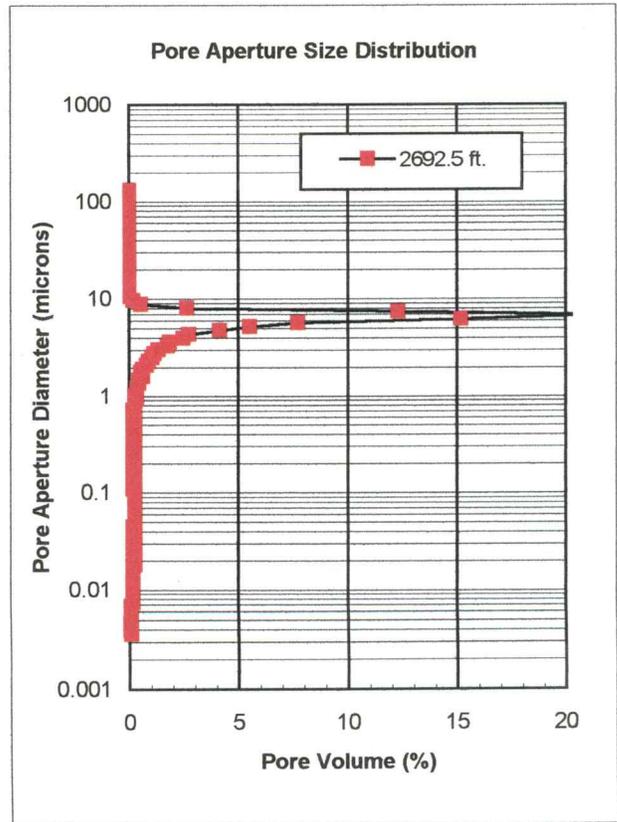
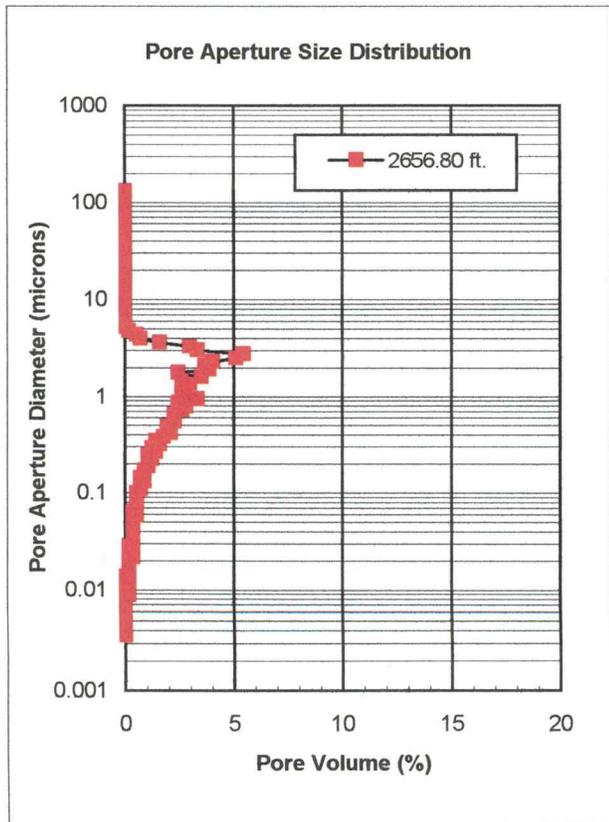
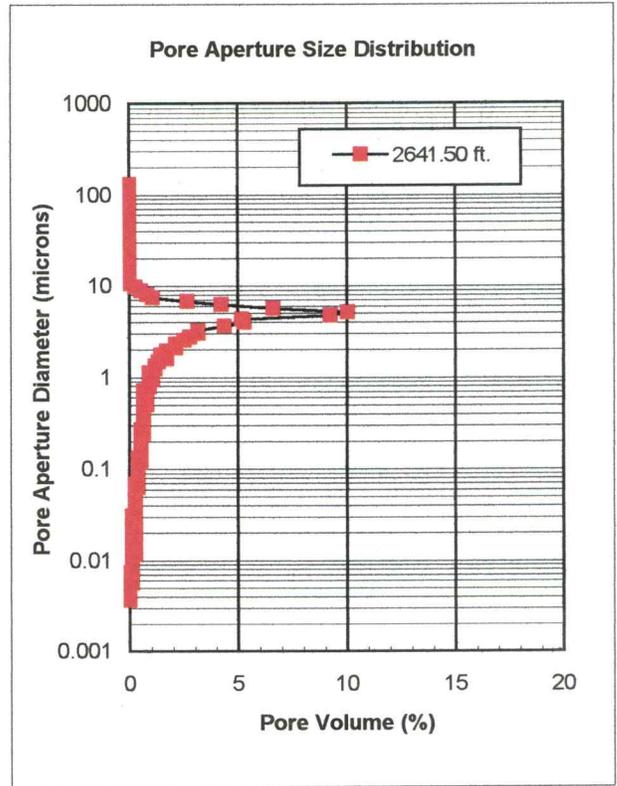
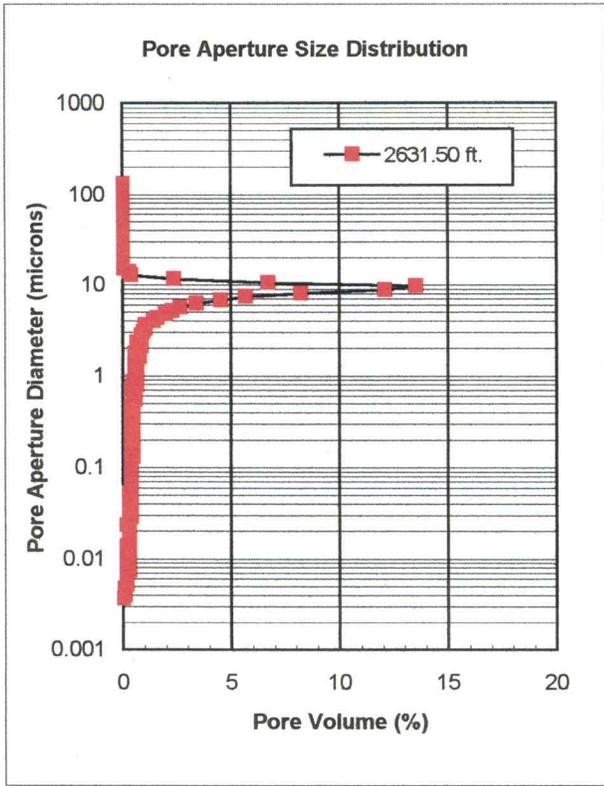
Mercury Injection Capillary Pressure (Pore Volume)



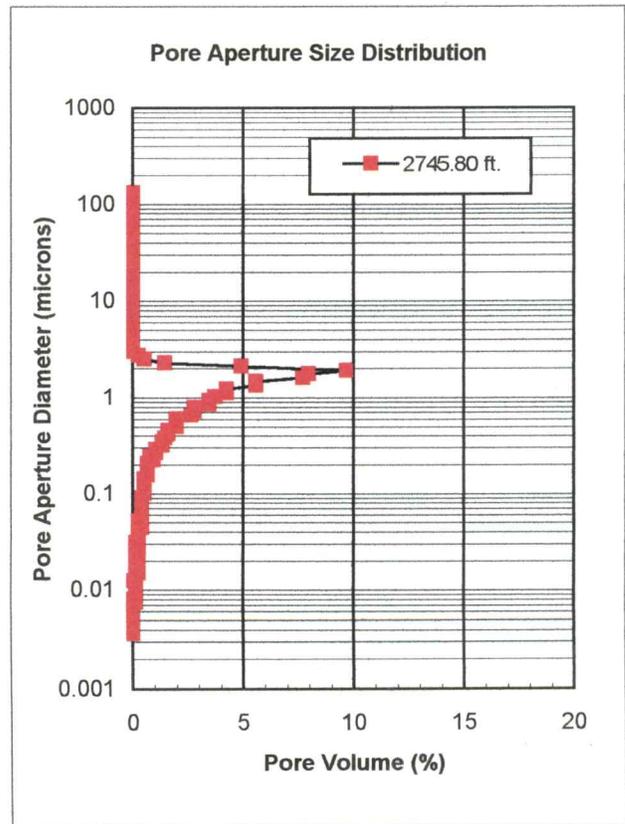
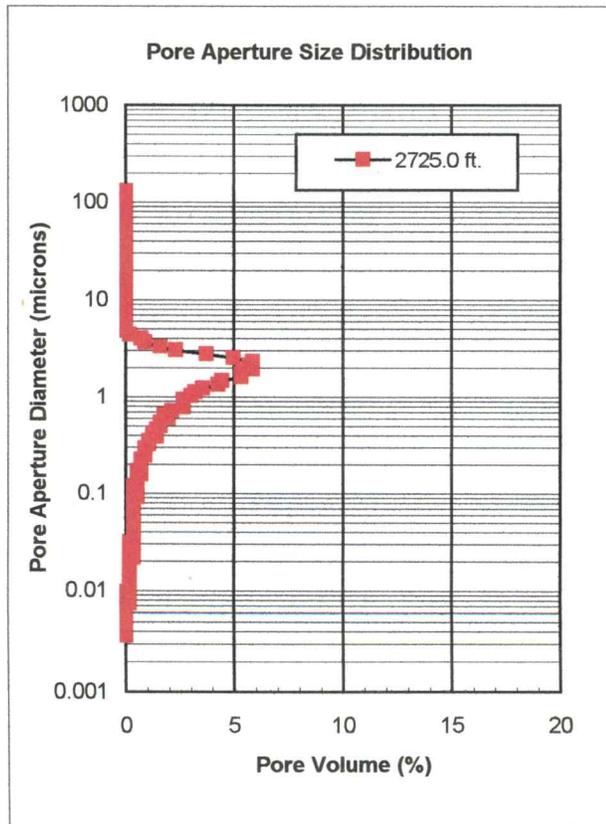
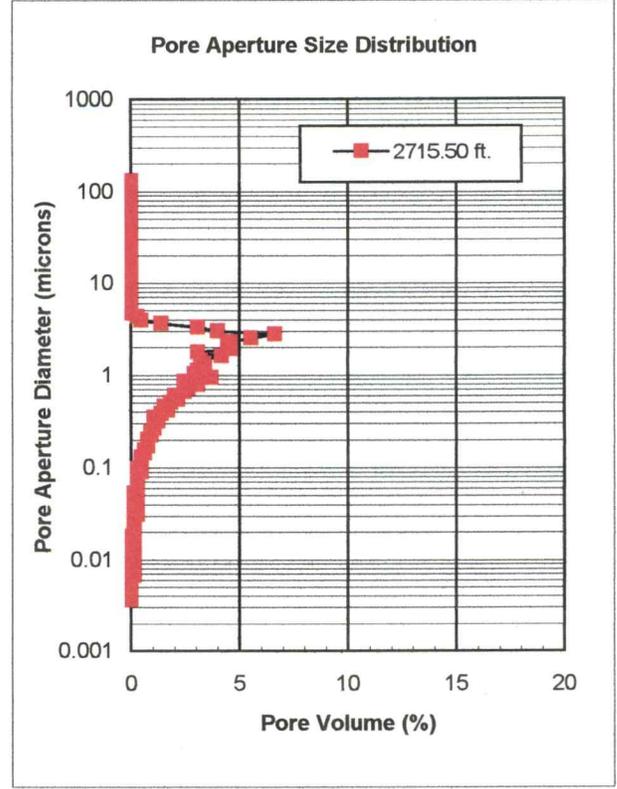
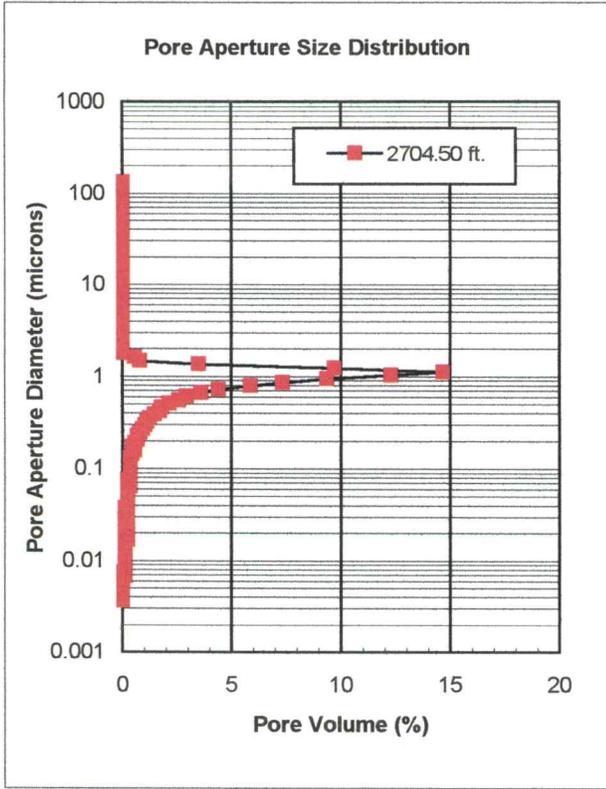
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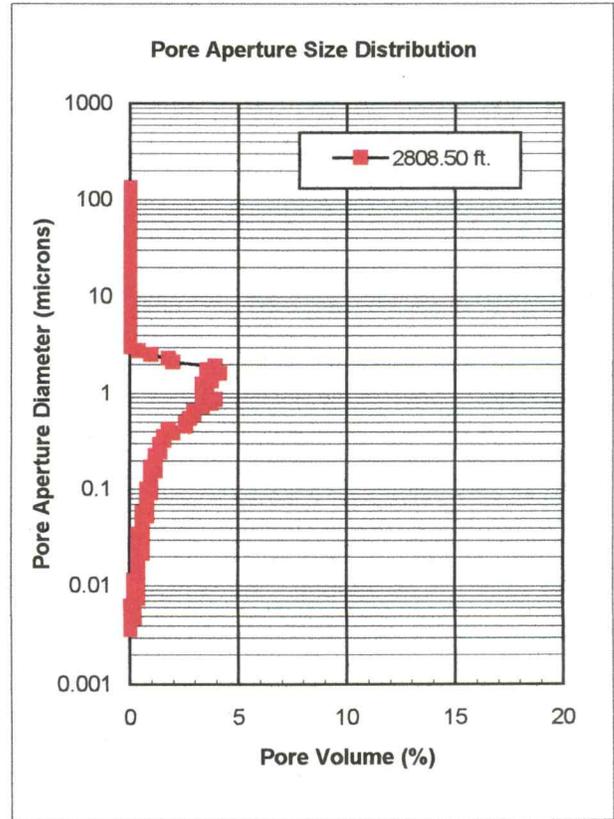
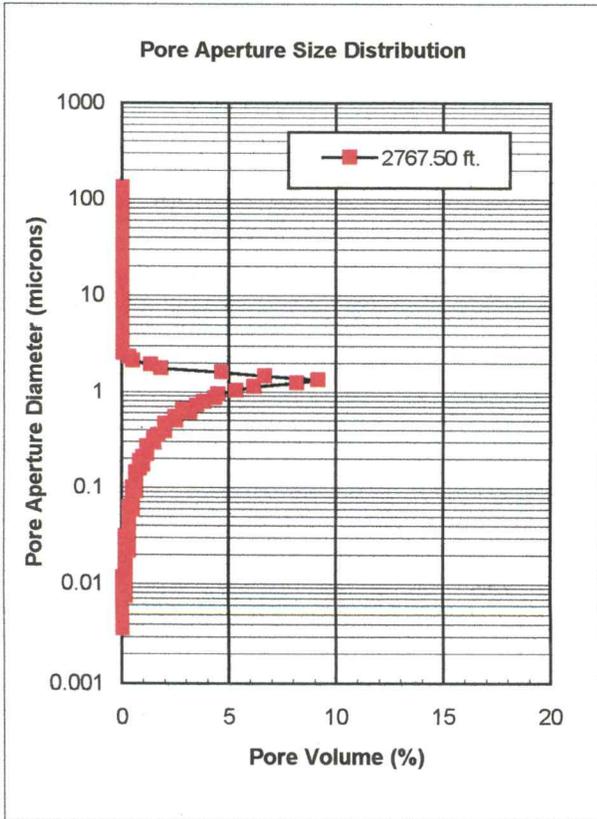
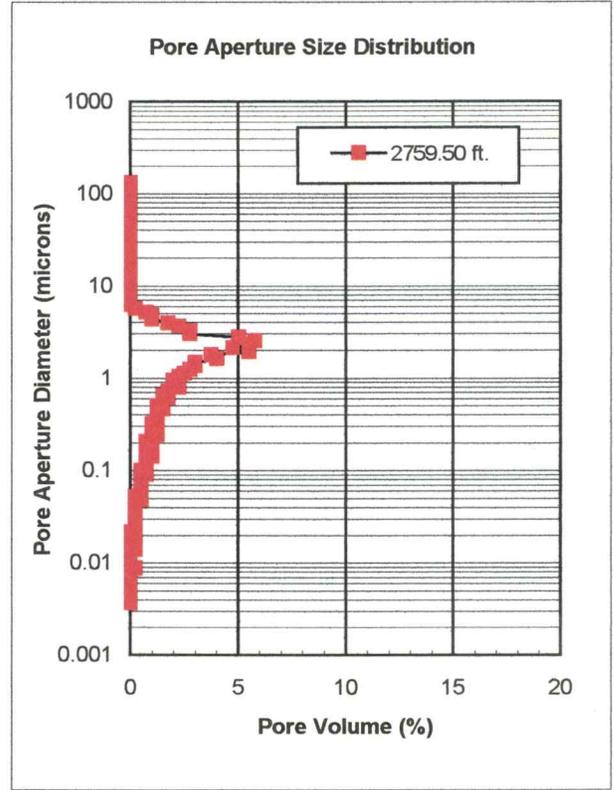
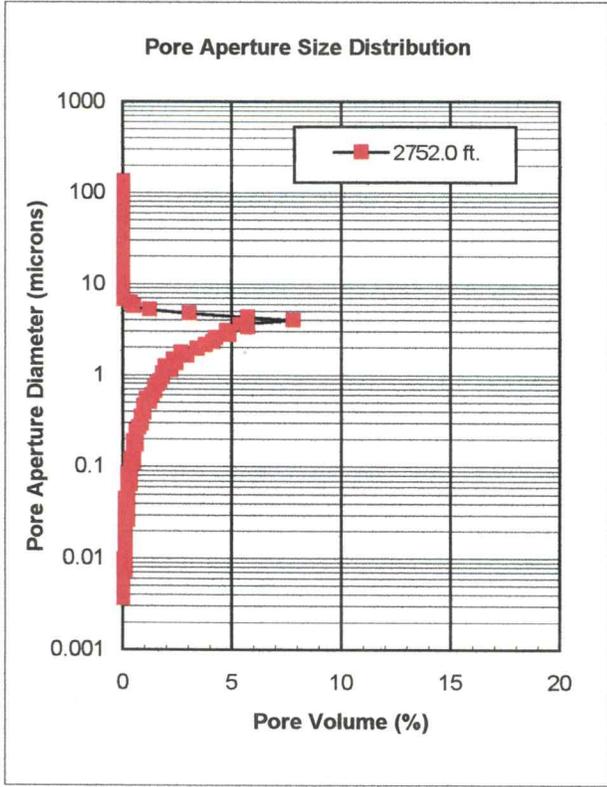
Walters A-1



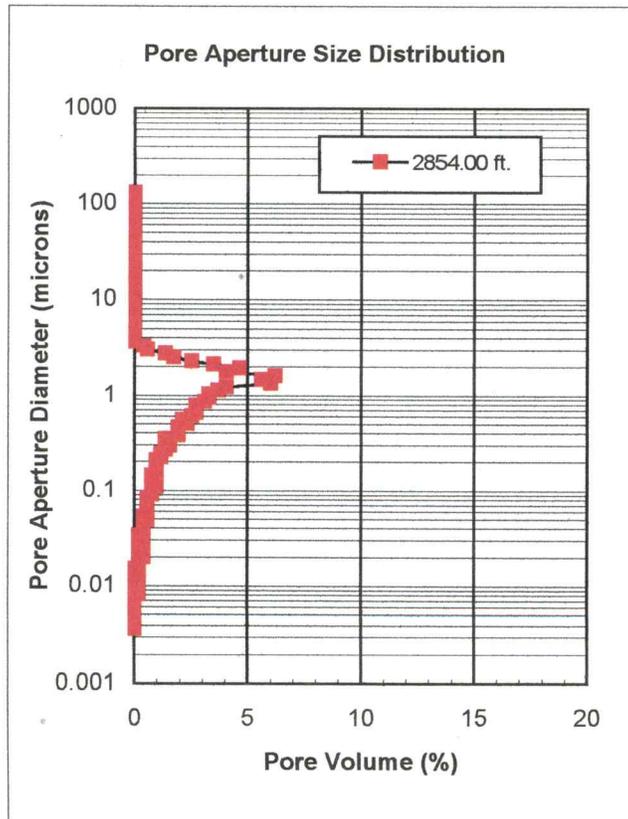
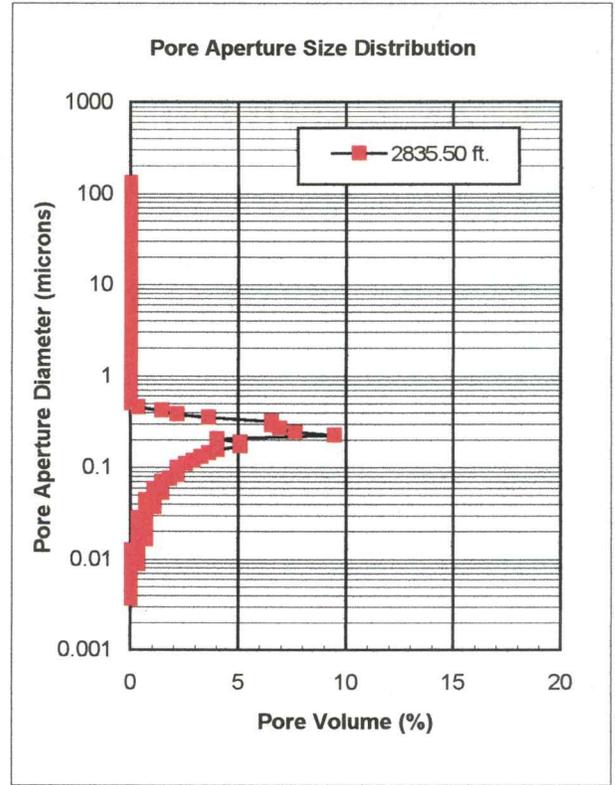
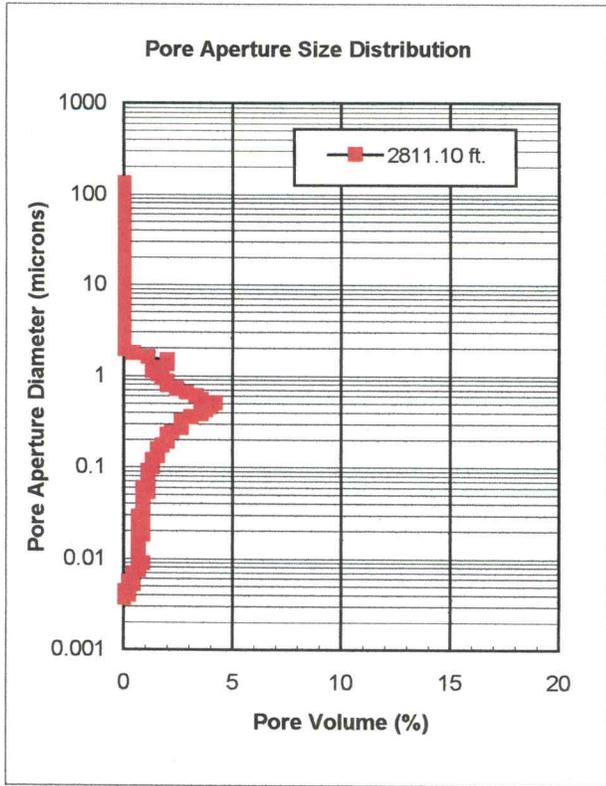
Walters A-1



Walters A-1



Walters A-1



Mercury Injection Capillary Pressure

Walters A-1 : 2,553.10 feet

File 002-665

Sample Information	
Bulk Volume = 11.0089 cc	Porosity = 19.7% (mercury)
Pore Volume = 2.1655 cc	Permeability = 35.0 md (mercury)
Closure = 0.48%BV @ 16.9 psia	Median Pore Aperture = 4.9 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.04	100.0	0.00	0.0000
1.96	109	0.07	100.0	0.00	0.0000
2.15	99.2	0.11	100.0	0.00	0.0000
2.35	90.8	0.13	100.0	0.00	0.0000
2.57	83.0	0.18	100.0	0.00	0.0000
2.81	75.9	0.20	100.0	0.00	0.0000
3.08	69.3	0.22	100.0	0.00	0.0000
3.37	63.3	0.22	100.0	0.00	0.0000
3.68	58.0	0.24	100.0	0.00	0.0000
4.03	52.9	0.26	100.0	0.00	0.0000
4.41	48.4	0.29	100.0	0.00	0.0000
4.82	44.3	0.29	100.0	0.00	0.0000
5.27	40.5	0.31	100.0	0.00	0.0000
5.77	37.0	0.31	100.0	0.00	0.0000
6.31	33.8	0.33	100.0	0.00	0.0000
6.90	30.9	0.33	100.0	0.00	0.0000
7.55	28.3	0.35	100.0	0.00	0.0000
8.26	25.8	0.35	100.0	0.00	0.0000
9.04	23.6	0.37	100.0	0.00	0.0000
9.89	21.6	0.37	100.0	0.00	0.0000
10.8	19.8	0.40	100.0	0.00	0.0000
11.8	18.1	0.40	100.0	0.00	0.0000
12.9	16.5	0.42	100.0	0.00	0.0000
14.2	15.0	0.44	100.0	0.00	0.0000
15.5	13.8	0.46	100.0	0.00	0.0000
16.9	12.6	0.48	100.0	0.00	0.0000
18.5	11.5	0.55	99.7	0.33	0.2093
20.3	10.5	0.66	99.1	0.56	0.3100
22.2	9.61	0.88	98.0	1.12	0.5874
24.3	8.78	1.34	95.6	2.34	1.1161
26.6	8.02	2.28	90.8	4.80	2.0866
29.0	7.36	4.74	78.3	12.50	5.2083
31.8	6.71	6.34	70.2	8.15	2.9098
34.8	6.13	7.71	63.3	6.92	2.3065
38.0	5.61	8.87	57.4	5.92	1.8485

Mercury Injection Capillary Pressure

Walters A-1 : 2,553.10 feet
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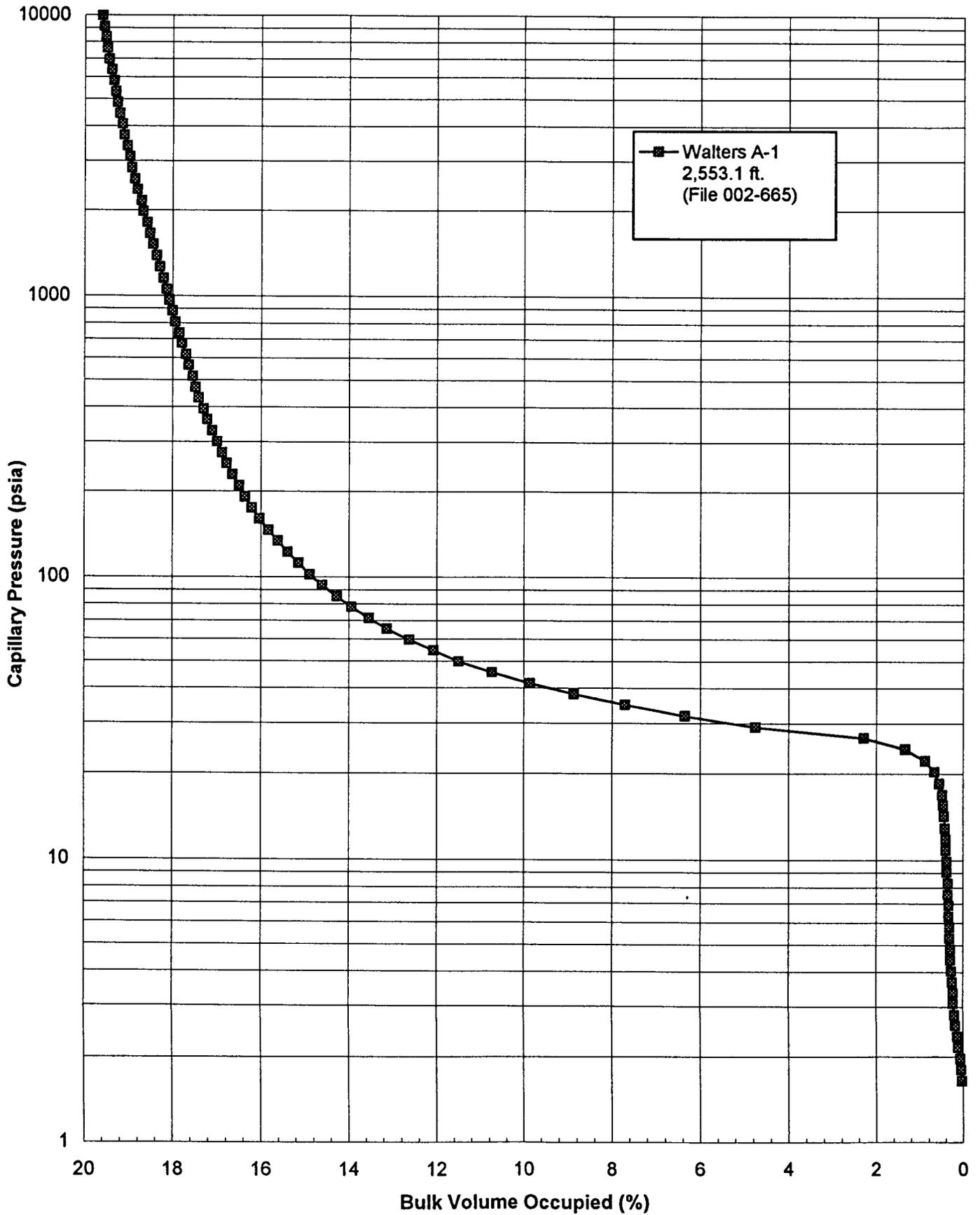
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	9.86	52.3	5.02	1.3951
45.5	4.69	10.74	47.9	4.46	1.1447
49.8	4.28	11.50	44.0	3.91	0.9084
54.5	3.91	12.07	41.1	2.90	0.6174
59.6	3.58	12.62	38.3	2.79	0.5471
65.2	3.27	13.13	35.7	2.57	0.4584
71.3	2.99	13.55	33.6	2.12	0.3476
78.0	2.73	13.94	31.6	2.01	0.2998
85.3	2.50	14.27	29.9	1.67	0.2293
93.4	2.28	14.60	28.2	1.67	0.2067
102	2.09	14.88	26.8	1.45	0.1687
112	1.90	15.15	25.4	1.34	0.1339
122	1.75	15.39	24.2	1.23	0.1228
134	1.59	15.61	23.1	1.12	0.0930
146	1.46	15.83	22.0	1.12	0.0930
160	1.33	16.03	21.0	1.00	0.0717
175	1.22	16.20	20.1	0.89	0.0595
191	1.12	16.36	19.3	0.78	0.0488
209	1.02	16.49	18.6	0.67	0.0372
229	0.932	16.64	17.9	0.78	0.0391
251	0.850	16.77	17.2	0.67	0.0304
274	0.779	16.88	16.6	0.56	0.0243
300	0.711	16.99	16.1	0.56	0.0215
328	0.650	17.10	15.5	0.56	0.0199
359	0.594	17.21	15.0	0.56	0.0180
393	0.543	17.30	14.5	0.45	0.0131
430	0.496	17.41	14.0	0.56	0.0151
470	0.454	17.47	13.6	0.33	0.0084
514	0.415	17.54	13.3	0.33	0.0076
563	0.379	17.63	12.8	0.45	0.0091
615	0.347	17.69	12.5	0.33	0.0064
673	0.317	17.78	12.1	0.45	0.0077
736	0.290	17.85	11.7	0.33	0.0053
806	0.265	17.94	11.3	0.45	0.0064
881	0.242	18.00	10.9	0.33	0.0045
964	0.221	18.07	10.6	0.33	0.0040
1050	0.203	18.13	10.3	0.33	0.0039
1150	0.186	18.20	9.9	0.33	0.0033
1260	0.169	18.29	9.5	0.45	0.0041
1380	0.155	18.35	9.2	0.33	0.0028
1510	0.141	18.44	8.7	0.45	0.0034
1650	0.129	18.51	8.4	0.33	0.0024

Mercury Injection Capillary Pressure

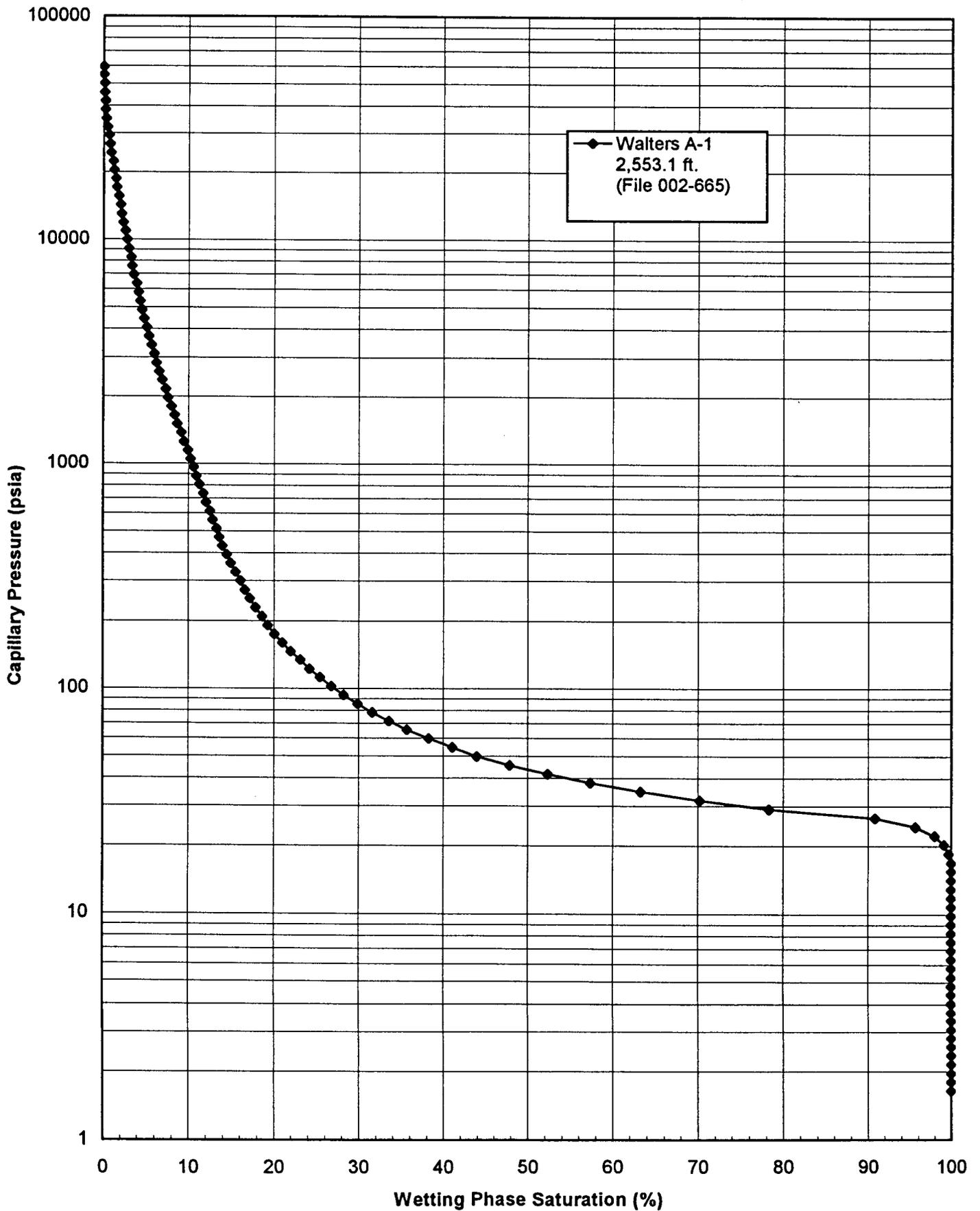
Walters A-1 : 2,553.10 feet
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Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	18.57	8.0	0.33	0.0021
1980	0.1077	18.66	7.6	0.45	0.0026
2160	0.0988	18.70	7.4	0.22	0.0012
2370	0.0900	18.79	6.9	0.45	0.0021
2590	0.0824	18.86	6.6	0.33	0.0015
2830	0.0754	18.92	6.3	0.33	0.0014
3100	0.0688	18.97	6.0	0.22	0.0008
3390	0.0629	19.03	5.7	0.33	0.0012
3710	0.0575	19.10	5.4	0.33	0.0010
4060	0.0525	19.14	5.1	0.22	0.0006
4440	0.0480	19.21	4.8	0.33	0.0009
4850	0.0440	19.25	4.6	0.22	0.0005
5310	0.0402	19.30	4.4	0.22	0.0005
5810	0.0367	19.34	4.1	0.22	0.0004
6360	0.0335	19.38	3.9	0.22	0.0004
6950	0.0307	19.45	3.6	0.33	0.0006
7610	0.0280	19.49	3.3	0.22	0.0003
8320	0.0256	19.52	3.2	0.11	0.0002
9100	0.0234	19.56	3.0	0.22	0.0003
9960	0.0214	19.60	2.8	0.22	0.0003
10900	0.0196	19.65	2.6	0.22	0.0002
11900	0.0179	19.69	2.3	0.22	0.0002
13000	0.0164	19.74	2.1	0.22	0.0002
14300	0.0149	19.76	2.0	0.11	0.0001
15600	0.0137	19.80	1.8	0.22	0.0002
17100	0.0125	19.85	1.6	0.22	0.0001
18700	0.0114	19.87	1.5	0.11	0.0001
20400	0.0105	19.91	1.2	0.22	0.0001
22300	0.0096	19.93	1.1	0.11	0.0001
24400	0.0087	19.98	0.9	0.22	0.0001
26700	0.0080	20.00	0.8	0.11	0.0000
29300	0.0073	20.02	0.7	0.11	0.0000
32000	0.0067	20.07	0.4	0.22	0.0001
35000	0.0061	20.09	0.3	0.11	0.0000
38300	0.0056	20.11	0.2	0.11	0.0000
41900	0.0051	20.11	0.2	0.00	0.0000
45800	0.0047	20.13	0.1	0.11	0.0000
50100	0.0043	20.13	0.1	0.00	0.0000
54800	0.0039	20.15	0.0	0.11	0.0000
59500	0.0036	20.15	0.0	0.00	0.0000

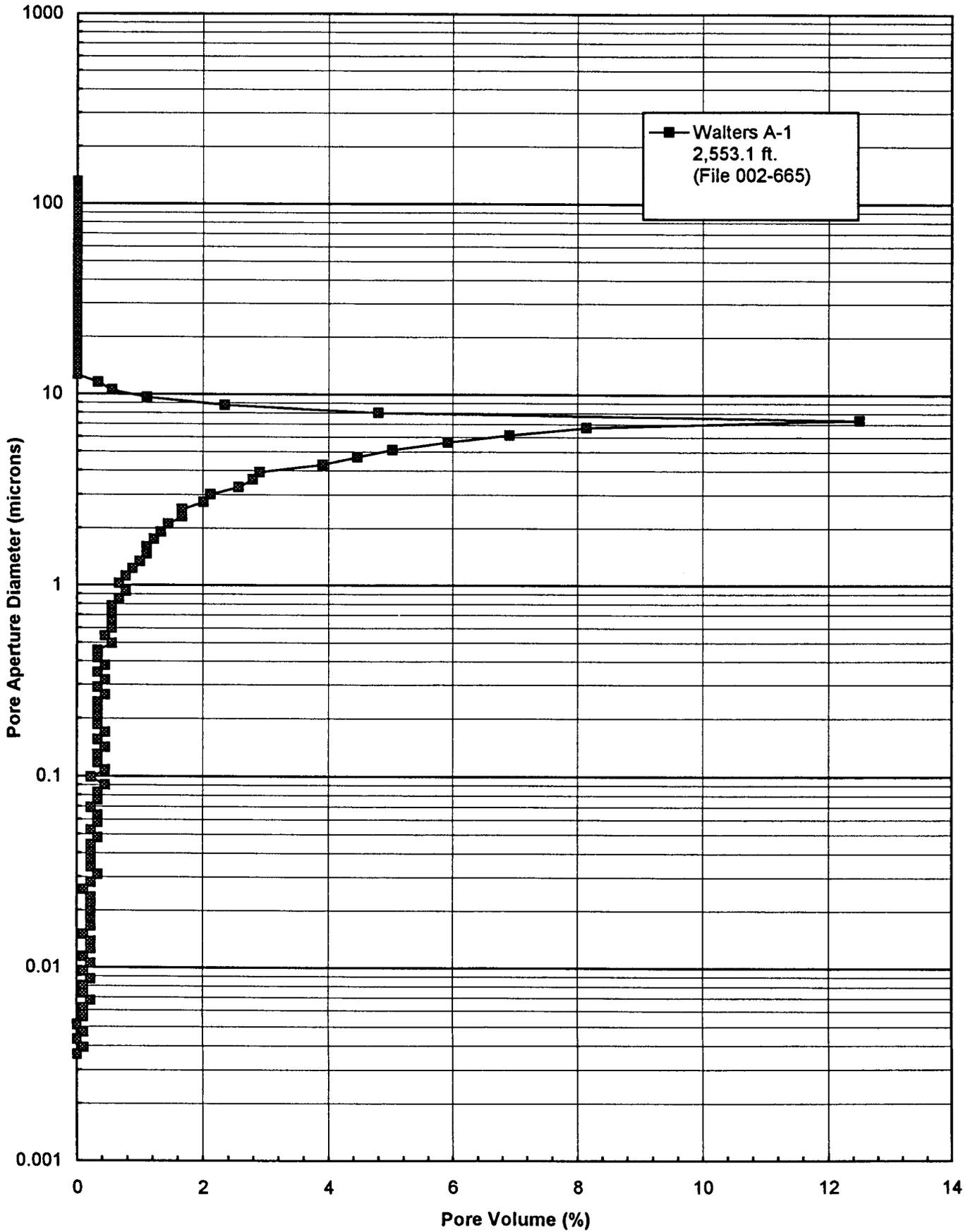
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Wwalters A-1 : 2,559.5 feet

File 002-666

Sample Information	
Bulk Volume = 12.2254 cc	Porosity = 18.9% (mercury)
Pore Volume = 2.3153 cc	Permeability = 22.1 md (mercury)
Closure = 0.60%BV @ 20.3 psia	Median Pore Aperture = 3.788 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.04	100.0	0.00	0.0000
1.96	109	0.04	100.0	0.00	0.0000
2.15	99.2	0.09	100.0	0.00	0.0000
2.35	90.8	0.11	100.0	0.00	0.0000
2.57	83.0	0.16	100.0	0.00	0.0000
2.81	75.9	0.16	100.0	0.00	0.0000
3.08	69.3	0.18	100.0	0.00	0.0000
3.37	63.3	0.20	100.0	0.00	0.0000
3.68	58.0	0.22	100.0	0.00	0.0000
4.03	52.9	0.22	100.0	0.00	0.0000
4.41	48.4	0.25	100.0	0.00	0.0000
4.82	44.3	0.25	100.0	0.00	0.0000
5.27	40.5	0.27	100.0	0.00	0.0000
5.77	37.0	0.27	100.0	0.00	0.0000
6.31	33.8	0.29	100.0	0.00	0.0000
6.90	30.9	0.29	100.0	0.00	0.0000
7.55	28.3	0.29	100.0	0.00	0.0000
8.26	25.8	0.31	100.0	0.00	0.0000
9.04	23.6	0.31	100.0	0.00	0.0000
9.89	21.6	0.34	100.0	0.00	0.0000
10.8	19.8	0.34	100.0	0.00	0.0000
11.8	18.1	0.36	100.0	0.00	0.0000
12.9	16.5	0.36	100.0	0.00	0.0000
14.2	15.0	0.38	100.0	0.00	0.0000
15.5	13.8	0.42	100.0	0.00	0.0000
16.9	12.6	0.47	100.0	0.00	0.0000
18.5	11.5	0.54	100.0	0.00	0.0000
20.3	10.5	0.60	100.0	0.00	0.0000
22.2	9.61	0.67	99.6	0.35	0.1864
24.3	8.78	0.78	99.1	0.59	0.2811
26.6	8.02	1.07	97.5	1.53	0.6673
29.0	7.36	1.48	95.4	2.13	0.8855
31.8	6.71	2.17	91.7	3.66	1.3071
34.8	6.13	3.24	86.1	5.67	1.8890
38.0	5.61	4.47	79.6	6.49	2.0292

Mercury Injection Capillary Pressure

Wwalters A-1 : 2,559.5 feet
File 002-666

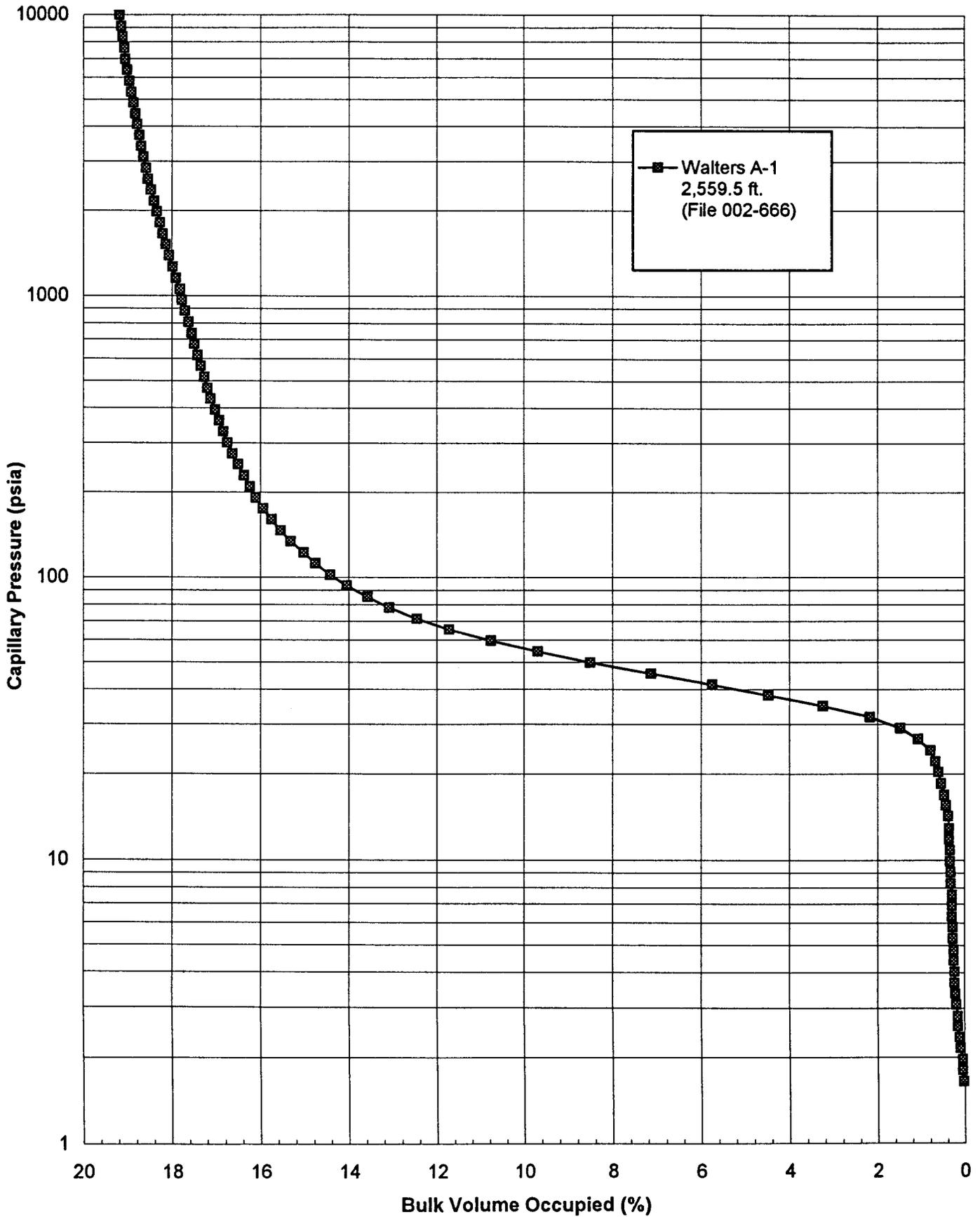
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	5.75	72.8	6.73	1.8693
45.5	4.69	7.13	65.5	7.32	1.8769
49.8	4.28	8.50	58.3	7.20	1.6749
54.5	3.91	9.68	52.1	6.26	1.3314
59.6	3.58	10.75	46.4	5.67	1.1112
65.2	3.27	11.72	41.3	5.08	0.9066
71.3	2.99	12.45	37.4	3.90	0.6387
78.0	2.73	13.08	34.1	3.31	0.4934
85.3	2.50	13.57	31.5	2.60	0.3558
93.4	2.28	14.04	29.0	2.48	0.3061
102	2.09	14.42	27.0	2.01	0.2334
112	1.90	14.76	25.3	1.77	0.1771
122	1.75	15.03	23.8	1.42	0.1417
134	1.59	15.32	22.3	1.53	0.1279
146	1.46	15.54	21.1	1.18	0.0984
160	1.33	15.74	20.1	1.06	0.0759
175	1.22	15.94	19.0	1.06	0.0708
191	1.12	16.10	18.2	0.83	0.0517
209	1.02	16.23	17.5	0.71	0.0394
229	0.932	16.37	16.8	0.71	0.0354
251	0.850	16.50	16.1	0.71	0.0322
274	0.779	16.64	15.3	0.71	0.0308
300	0.711	16.75	14.8	0.59	0.0227
328	0.650	16.84	14.3	0.47	0.0169
359	0.594	16.93	13.8	0.47	0.0152
393	0.543	17.02	13.3	0.47	0.0139
430	0.496	17.13	12.8	0.59	0.0160
470	0.454	17.19	12.4	0.35	0.0089
514	0.415	17.26	12.0	0.35	0.0080
563	0.379	17.35	11.6	0.47	0.0096
615	0.347	17.42	11.2	0.35	0.0068
673	0.317	17.48	10.9	0.35	0.0061
736	0.290	17.55	10.5	0.35	0.0056
806	0.265	17.62	10.2	0.35	0.0051
881	0.242	17.71	9.7	0.47	0.0063
964	0.221	17.78	9.3	0.35	0.0043
1050	0.203	17.82	9.1	0.24	0.0027
1150	0.186	17.91	8.6	0.47	0.0047
1260	0.169	17.98	8.3	0.35	0.0032
1380	0.155	18.07	7.8	0.47	0.0039
1510	0.141	18.13	7.4	0.35	0.0027
1650	0.129	18.20	7.1	0.35	0.0025

Mercury Injection Capillary Pressure

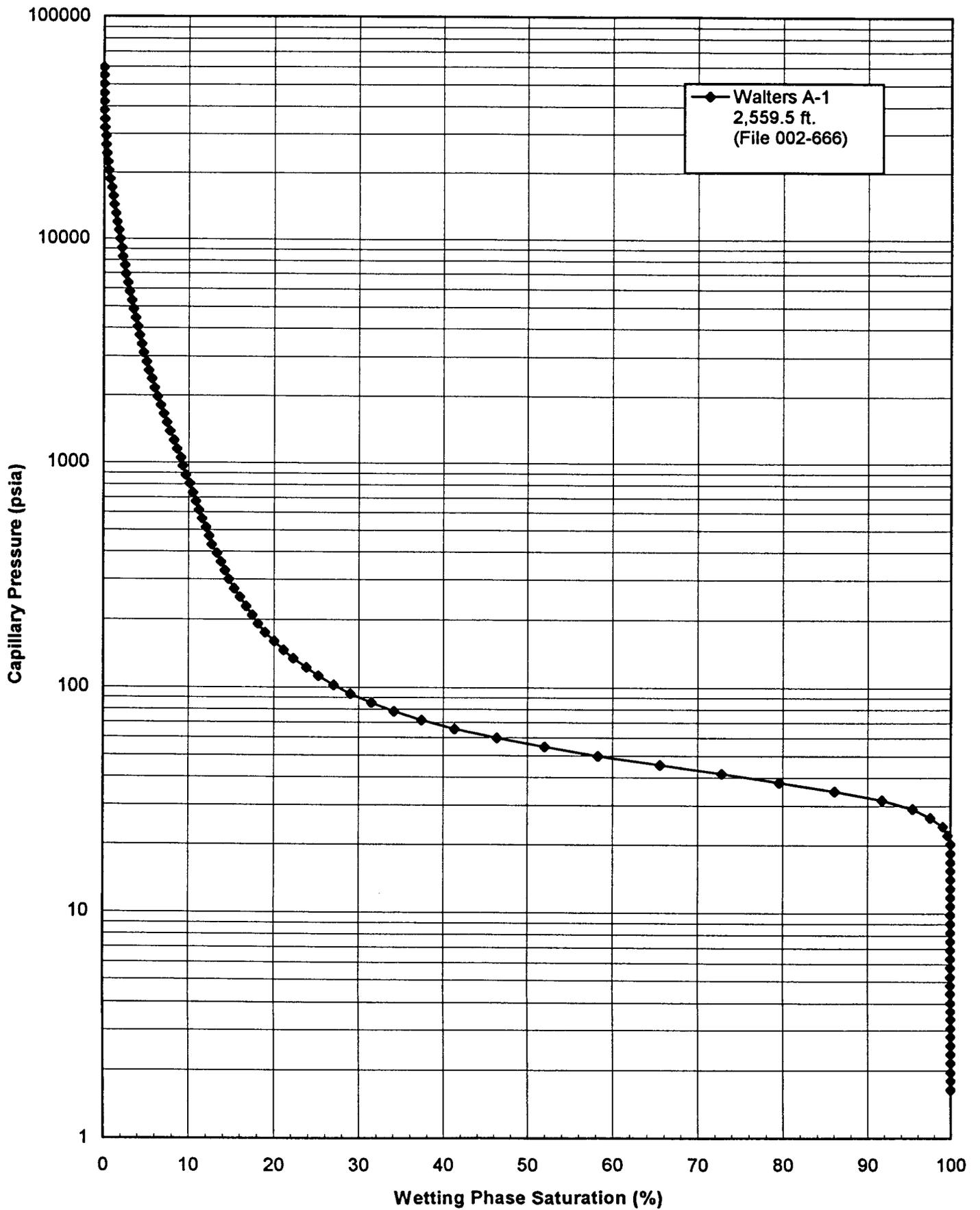
Wwalters A-1 : 2,559.5 feet
File 002-666

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	18.27	6.7	0.35	0.0022
1980	0.1077	18.33	6.4	0.35	0.0021
2160	0.0988	18.40	6.0	0.35	0.0020
2370	0.0900	18.47	5.7	0.35	0.0017
2590	0.0824	18.54	5.3	0.35	0.0016
2830	0.0754	18.58	5.1	0.24	0.0010
3100	0.0688	18.65	4.7	0.35	0.0013
3390	0.0629	18.69	4.5	0.24	0.0008
3710	0.0575	18.74	4.3	0.24	0.0007
4060	0.0525	18.78	4.0	0.24	0.0007
4440	0.0480	18.83	3.8	0.24	0.0006
4850	0.0440	18.87	3.5	0.24	0.0006
5310	0.0402	18.92	3.3	0.24	0.0005
5810	0.0367	18.96	3.1	0.24	0.0005
6360	0.0335	19.01	2.8	0.24	0.0004
6950	0.0307	19.05	2.6	0.24	0.0004
7610	0.0280	19.07	2.5	0.12	0.0002
8320	0.0256	19.12	2.2	0.24	0.0003
9100	0.0234	19.14	2.1	0.12	0.0002
9960	0.0214	19.18	1.9	0.24	0.0003
10900	0.0196	19.21	1.8	0.12	0.0001
11900	0.0179	19.25	1.5	0.24	0.0002
13000	0.0164	19.27	1.4	0.12	0.0001
14300	0.0149	19.32	1.2	0.24	0.0002
15600	0.0137	19.34	1.1	0.12	0.0001
17100	0.0125	19.36	0.9	0.12	0.0001
18700	0.0114	19.41	0.7	0.24	0.0001
20400	0.0105	19.43	0.6	0.12	0.0001
22300	0.0096	19.45	0.5	0.12	0.0001
24400	0.0087	19.47	0.4	0.12	0.0001
26700	0.0080	19.50	0.2	0.12	0.0001
29300	0.0073	19.50	0.2	0.00	0.0000
32000	0.0067	19.52	0.1	0.12	0.0000
35000	0.0061	19.52	0.1	0.00	0.0000
38300	0.0056	19.54	0.0	0.12	0.0000
41900	0.0051	19.54	0.0	0.00	0.0000
45800	0.0047	19.54	0.0	0.00	0.0000
50100	0.0043	19.54	0.0	0.00	0.0000
54800	0.0039	19.54	0.0	0.00	0.0000
59500	0.0036	19.54	0.0	0.00	0.0000

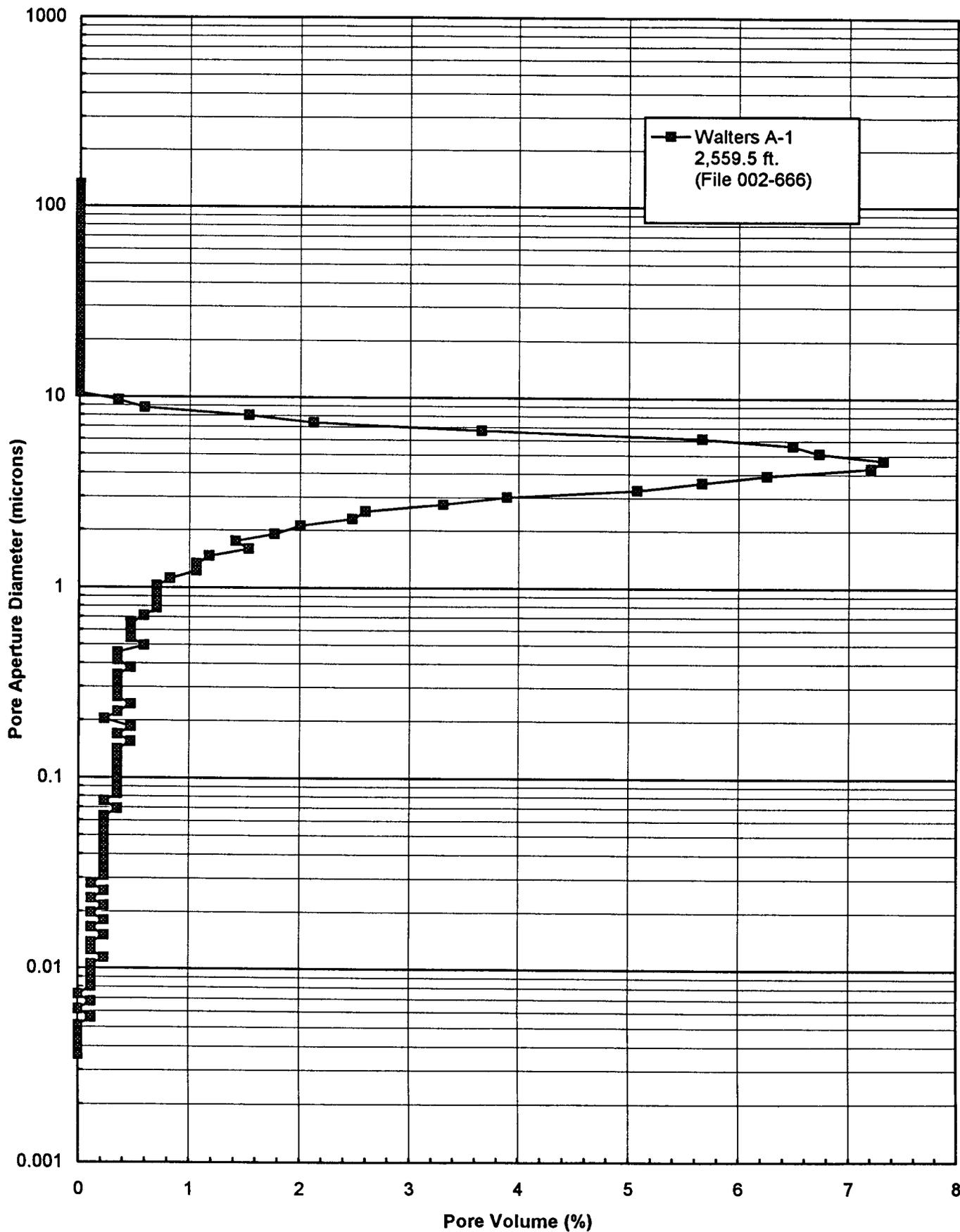
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,592.0 feet

File 002-667

Sample Information	
Bulk Volume = 12.7965 cc	Porosity = 11.0% (mercury)
Pore Volume = 1.4020 cc	Permeability = 6.40 md (mercury)
Closure = 0.23%BV @ 2.81 psia	Median Pore Aperture = 2.751 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.03	100.0	0.00	0.0000
1.80	119	0.03	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.13	100.0	0.00	0.0000
2.35	90.8	0.18	100.0	0.00	0.0000
2.57	83.0	0.20	100.0	0.00	0.0000
2.81	75.9	0.23	100.0	0.00	0.0000
3.08	69.3	0.25	99.8	0.23	0.8534
3.37	63.3	0.28	99.5	0.23	0.7945
3.68	58.0	0.30	99.3	0.23	0.7433
4.03	52.9	0.33	99.1	0.23	0.6583
4.41	48.4	0.35	98.8	0.23	0.6064
4.82	44.3	0.38	98.6	0.23	0.5620
5.27	40.5	0.40	98.4	0.23	0.5120
5.77	37.0	0.45	97.9	0.46	0.9217
6.31	33.8	0.48	97.7	0.23	0.4267
6.90	30.9	0.50	97.5	0.23	0.3905
7.55	28.3	0.56	97.0	0.46	0.7090
8.26	25.8	0.61	96.5	0.46	0.6491
9.04	23.6	0.66	96.1	0.46	0.5908
9.89	21.6	0.71	95.6	0.46	0.5422
10.8	19.8	0.76	95.2	0.46	0.5064
11.8	18.1	0.81	94.7	0.46	0.4608
12.9	16.5	0.88	94.0	0.69	0.6284
14.2	15.0	0.93	93.5	0.46	0.3545
15.5	13.8	1.01	92.9	0.69	0.5317
16.9	12.6	1.11	91.9	0.92	0.6583
18.5	11.5	1.24	90.8	1.15	0.7200
20.3	10.5	1.34	89.9	0.92	0.5120
22.2	9.61	1.49	88.5	1.38	0.7276
24.3	8.78	1.67	86.9	1.61	0.7680
26.6	8.02	1.82	85.5	1.38	0.6011
29.0	7.36	1.99	83.9	1.61	0.6720
31.8	6.71	2.35	80.6	3.23	1.1521
34.8	6.13	2.83	76.3	4.38	1.4593
38.0	5.61	3.21	72.8	3.46	1.0801

Mercury Injection Capillary Pressure

Walters A-1 : 2,592.0 feet
File 002-667

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	3.61	69.1	3.69	1.0241
45.5	4.69	3.91	66.4	2.76	0.7090
49.8	4.28	4.17	64.1	2.30	0.5358
54.5	3.91	4.42	61.8	2.30	0.4902
59.6	3.58	4.82	58.1	3.69	0.7229
65.2	3.27	5.12	55.3	2.76	0.4937
71.3	2.99	5.45	52.3	3.00	0.4910
78.0	2.73	5.73	49.8	2.53	0.3783
85.3	2.50	6.01	47.2	2.53	0.3472
93.4	2.28	6.21	45.4	1.84	0.2276
102	2.09	6.39	43.8	1.61	0.1875
112	1.90	6.54	42.4	1.38	0.1382
122	1.75	6.69	41.0	1.38	0.1382
134	1.59	6.84	39.6	1.38	0.1152
146	1.46	6.99	38.2	1.38	0.1152
160	1.33	7.12	37.1	1.15	0.0823
175	1.22	7.27	35.7	1.38	0.0922
191	1.12	7.37	34.8	0.92	0.0576
209	1.02	7.47	33.9	0.92	0.0512
229	0.932	7.60	32.7	1.15	0.0576
251	0.850	7.73	31.6	1.15	0.0524
274	0.779	7.85	30.4	1.15	0.0501
300	0.711	7.95	29.5	0.92	0.0354
328	0.650	8.05	28.6	0.92	0.0329
359	0.594	8.15	27.6	0.92	0.0297
393	0.543	8.23	27.0	0.69	0.0203
430	0.496	8.33	26.0	0.92	0.0249
470	0.454	8.43	25.1	0.92	0.0230
514	0.415	8.51	24.4	0.69	0.0157
563	0.379	8.61	23.5	0.92	0.0188
615	0.347	8.71	22.6	0.92	0.0177
673	0.317	8.84	21.4	1.15	0.0199
736	0.290	8.96	20.3	1.15	0.0183
806	0.265	9.14	18.7	1.61	0.0230
881	0.242	9.24	17.7	0.92	0.0123
964	0.221	9.37	16.6	1.15	0.0139
1050	0.203	9.47	15.7	0.92	0.0107
1150	0.186	9.59	14.5	1.15	0.0115
1260	0.169	9.72	13.4	1.15	0.0105
1380	0.155	9.82	12.4	0.92	0.0077
1510	0.141	9.95	11.3	1.15	0.0089
1650	0.129	10.05	10.4	0.92	0.0066

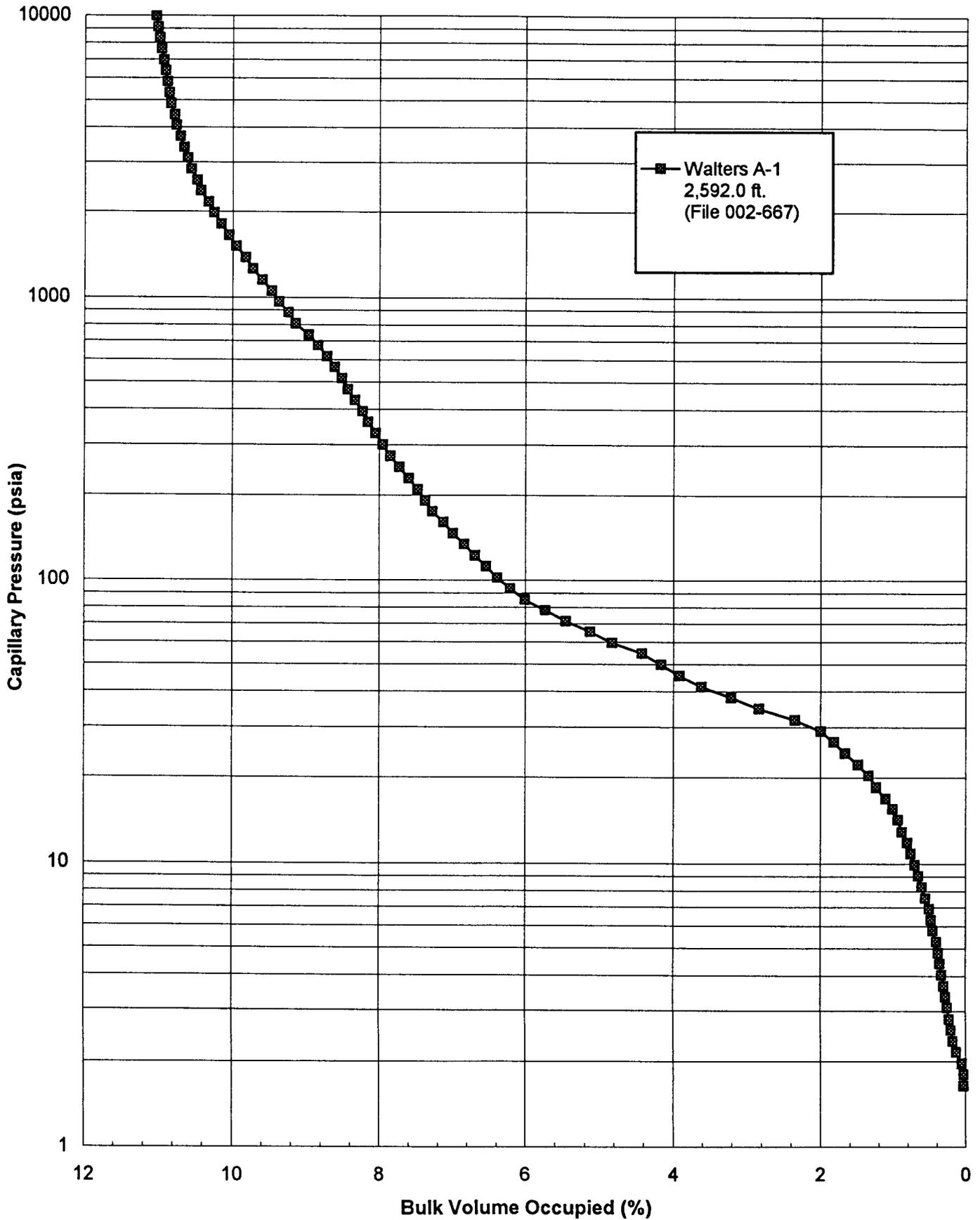
Mercury Injection Capillary Pressure

Walters A-1 : 2,592.0 feet

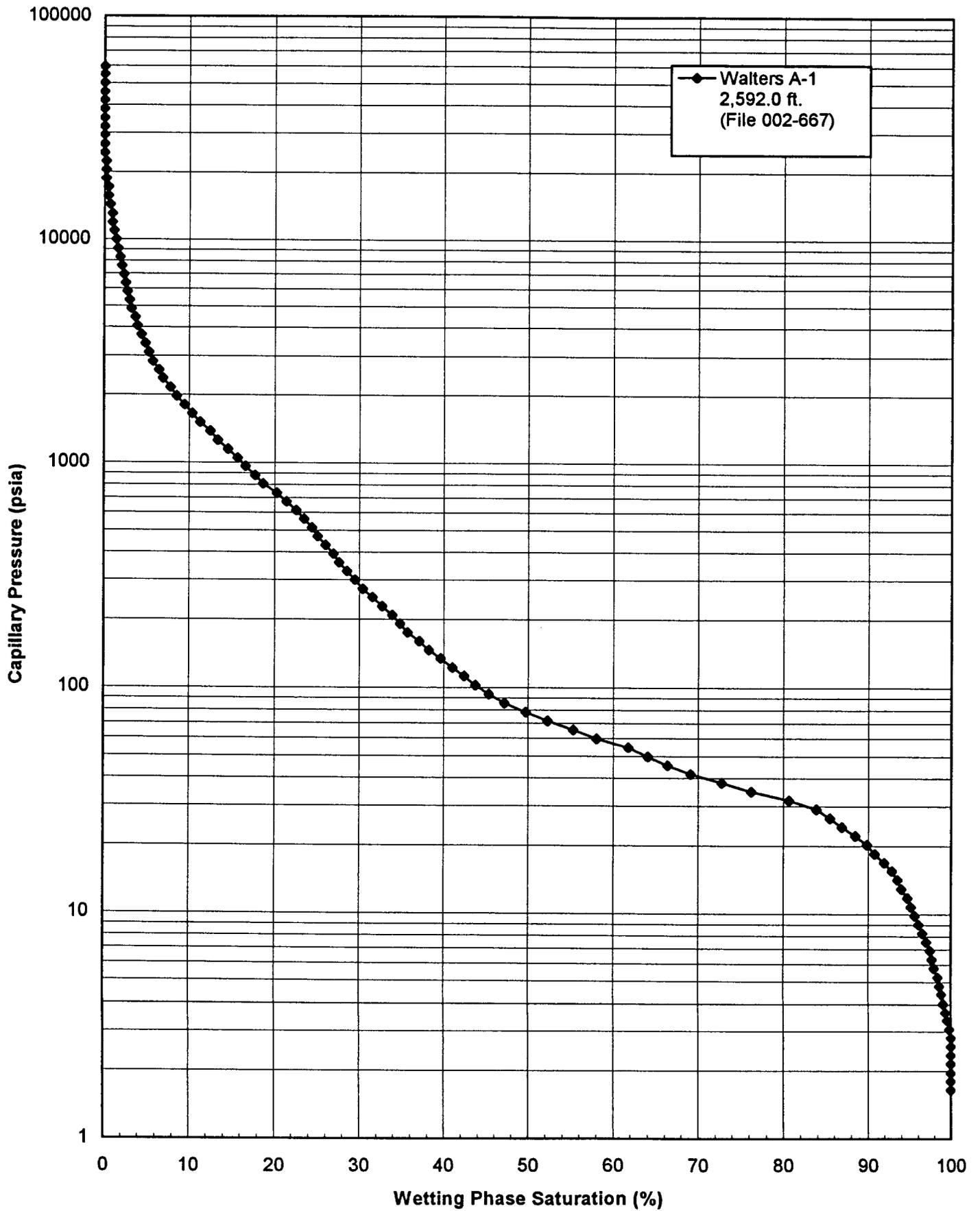
File 002-667

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	10.15	9.4	0.92	0.0058
1980	0.1077	10.25	8.5	0.92	0.0054
2160	0.0988	10.33	7.8	0.69	0.0038
2370	0.0900	10.43	6.9	0.92	0.0044
2590	0.0824	10.48	6.5	0.46	0.0021
2830	0.0754	10.55	5.8	0.69	0.0029
3100	0.0688	10.60	5.3	0.46	0.0017
3390	0.0629	10.65	4.8	0.46	0.0016
3710	0.0575	10.70	4.4	0.46	0.0014
4060	0.0525	10.75	3.9	0.46	0.0013
4440	0.0480	10.78	3.7	0.23	0.0006
4850	0.0440	10.83	3.2	0.46	0.0011
5310	0.0402	10.86	3.0	0.23	0.0005
5810	0.0367	10.88	2.8	0.23	0.0005
6360	0.0335	10.91	2.5	0.23	0.0004
6950	0.0307	10.93	2.3	0.23	0.0004
7610	0.0280	10.96	2.1	0.23	0.0003
8320	0.0256	10.98	1.8	0.23	0.0003
9100	0.0234	11.01	1.6	0.23	0.0003
9960	0.0214	11.03	1.4	0.23	0.0003
10900	0.0196	11.06	1.2	0.23	0.0002
11900	0.0179	11.08	0.9	0.23	0.0002
13000	0.0164	11.08	0.9	0.00	0.0000
14300	0.0149	11.11	0.7	0.23	0.0002
15600	0.0137	11.13	0.5	0.23	0.0002
17100	0.0125	11.13	0.5	0.00	0.0000
18700	0.0114	11.16	0.2	0.23	0.0001
20400	0.0105	11.16	0.2	0.00	0.0000
22300	0.0096	11.16	0.2	0.00	0.0000
24400	0.0087	11.18	0.0	0.23	0.0001
26700	0.0080	11.18	0.0	0.00	0.0000
29300	0.0073	11.18	0.0	0.00	0.0000
32000	0.0067	11.18	0.0	0.00	0.0000
35000	0.0061	11.18	0.0	0.00	0.0000
38300	0.0056	11.18	0.0	0.00	0.0000
41900	0.0051	11.18	0.0	0.00	0.0000
45800	0.0047	11.18	0.0	0.00	0.0000
50100	0.0043	11.18	0.0	0.00	0.0000
54800	0.0039	11.18	0.0	0.00	0.0000
59500	0.0036	11.18	0.0	0.00	0.0000

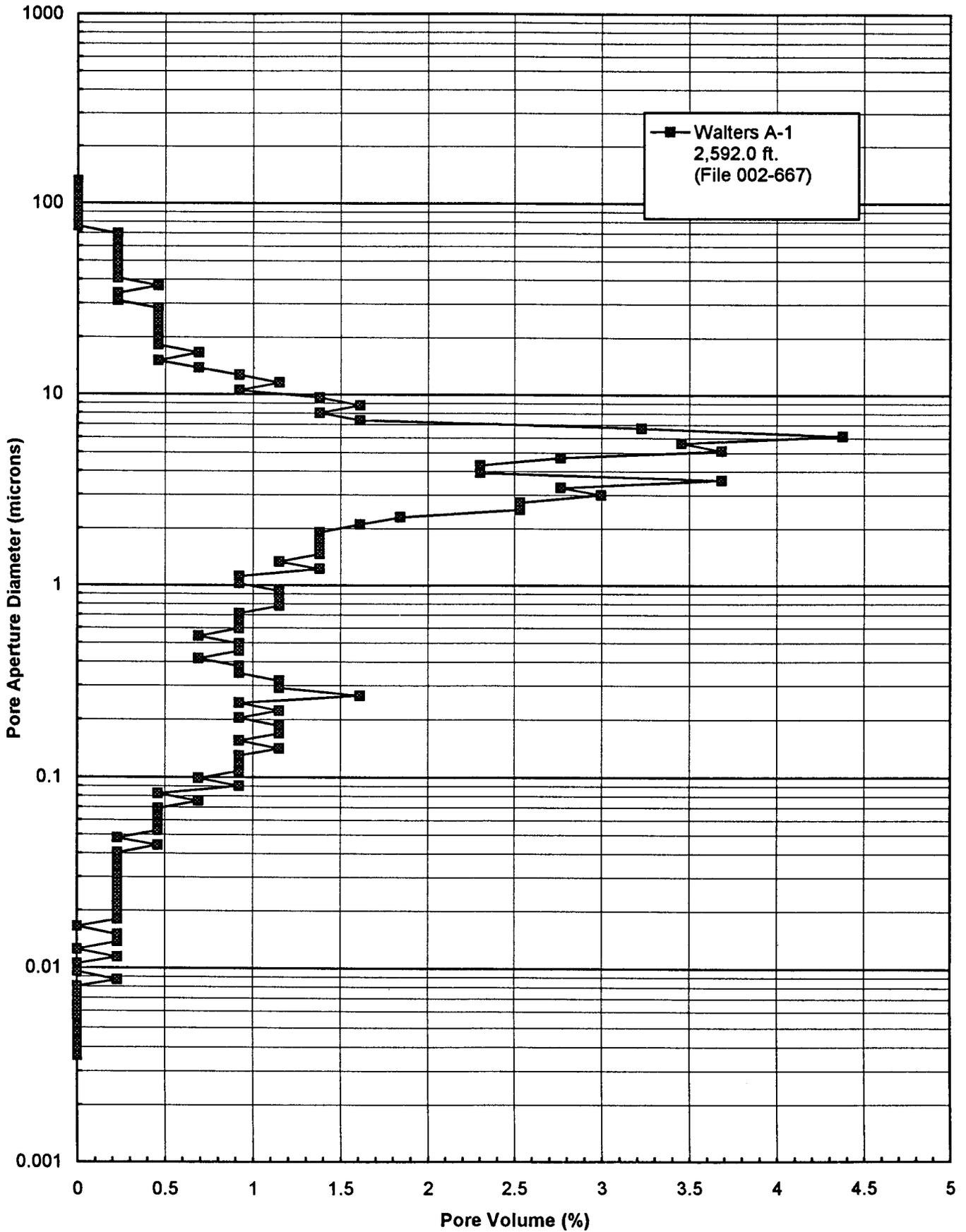
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,600.8 feet

File 002-668

Sample Information	
Bulk Volume = 11.9846 cc	Porosity = 14.7% (mercury)
Pore Volume = 1.7558 cc	Permeability = 23.0 md (mercury)
Closure = 0.19%BV @ 2.81 psia	Median Pore Aperture = 2.589 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.12	100.0	0.00	0.0000
2.35	90.8	0.15	100.0	0.00	0.0000
2.57	83.0	0.17	100.0	0.00	0.0000
2.81	75.9	0.19	100.0	0.00	0.0000
3.08	69.3	0.22	99.8	0.17	0.6122
3.37	63.3	0.24	99.7	0.17	0.5700
3.68	58.0	0.27	99.5	0.17	0.5332
4.03	52.9	0.29	99.3	0.17	0.4723
4.41	48.4	0.31	99.2	0.17	0.4350
4.82	44.3	0.34	99.0	0.17	0.4031
5.27	40.5	0.39	98.7	0.33	0.7346
5.77	37.0	0.41	98.5	0.17	0.3306
6.31	33.8	0.56	97.5	0.99	1.8365
6.90	30.9	0.61	97.2	0.33	0.5603
7.55	28.3	0.70	96.5	0.66	1.0172
8.26	25.8	0.80	95.9	0.66	0.9312
9.04	23.6	1.02	94.4	1.49	1.9072
9.89	21.6	1.31	92.4	1.98	2.3335
10.8	19.8	1.53	90.9	1.49	1.6347
11.8	18.1	1.84	88.8	2.15	2.1488
12.9	16.5	2.13	86.8	1.98	1.8032
14.2	15.0	2.57	83.8	2.98	2.2886
15.5	13.8	2.83	82.0	1.82	1.3986
16.9	12.6	3.12	80.0	1.98	1.4168
18.5	11.5	3.39	78.2	1.82	1.1364
20.3	10.5	3.71	76.0	2.15	1.1938
22.2	9.61	4.00	74.0	1.98	1.0439
24.3	8.78	4.26	72.2	1.82	0.8658
26.6	8.02	4.58	70.1	2.15	0.9342
29.0	7.36	4.82	68.4	1.65	0.6887
31.8	6.71	5.13	66.3	2.15	0.7674
34.8	6.13	5.40	64.5	1.82	0.6061
38.0	5.61	5.64	62.8	1.65	0.5165

Mercury Injection Capillary Pressure

Walters A-1 : 2,600.8 feet
File 002-668

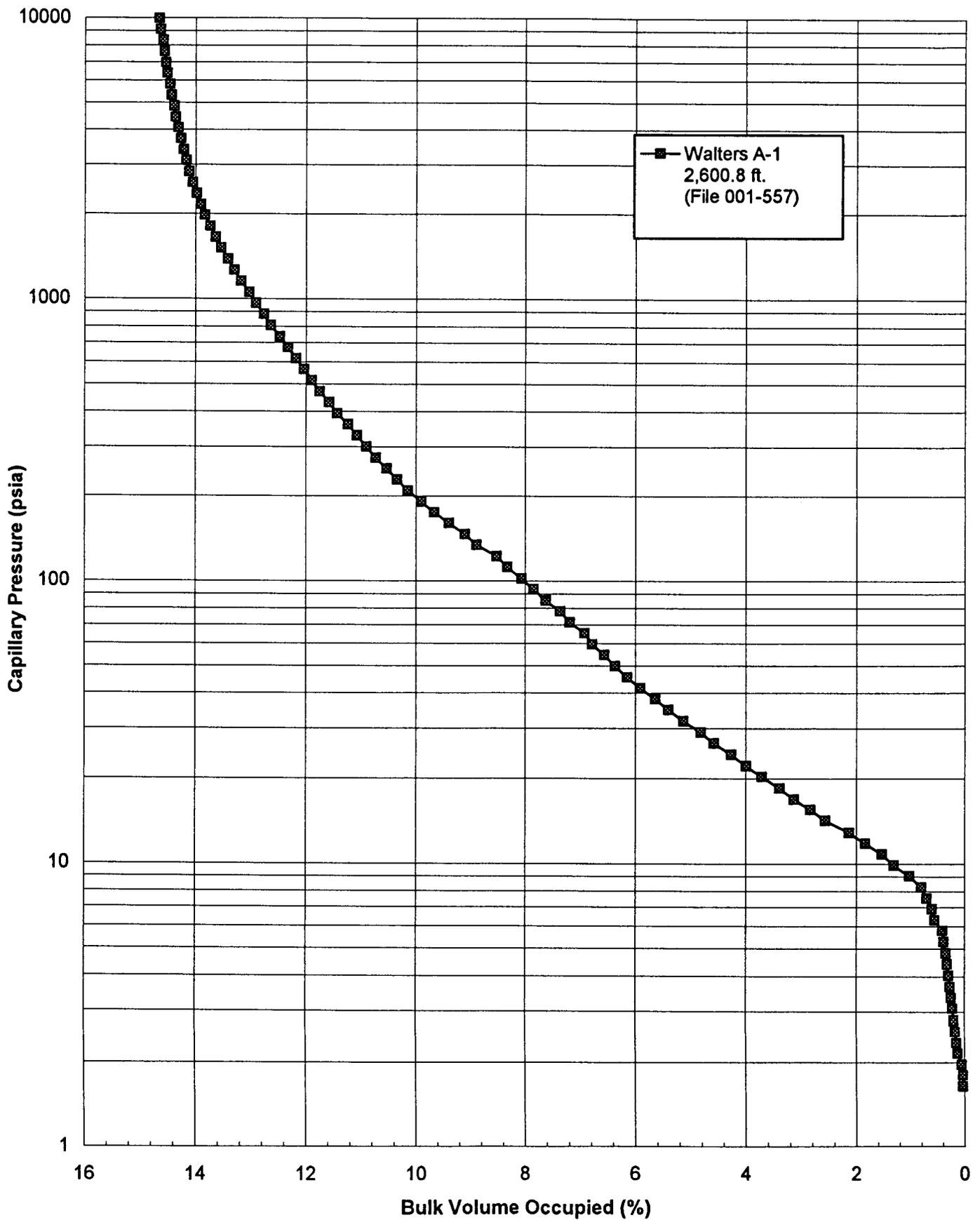
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	5.91	61.0	1.82	0.5051
45.5	4.69	6.15	59.3	1.65	0.4238
49.8	4.28	6.37	57.9	1.49	0.3460
54.5	3.91	6.56	56.5	1.32	0.2813
59.6	3.58	6.78	55.0	1.49	0.2917
65.2	3.27	6.93	54.0	0.99	0.1771
71.3	2.99	7.19	52.2	1.82	0.2981
78.0	2.73	7.36	51.1	1.16	0.1727
85.3	2.50	7.63	49.3	1.82	0.2491
93.4	2.28	7.85	47.8	1.49	0.1837
102	2.09	8.06	46.3	1.49	0.1730
112	1.90	8.33	44.5	1.82	0.1818
122	1.75	8.52	43.1	1.32	0.1322
134	1.59	8.89	40.7	2.48	0.2066
146	1.46	9.11	39.2	1.49	0.1240
160	1.33	9.40	37.2	1.98	0.1417
175	1.22	9.66	35.4	1.82	0.1212
191	1.12	9.90	33.7	1.65	0.1033
209	1.02	10.15	32.1	1.65	0.0918
229	0.932	10.34	30.7	1.32	0.0661
251	0.850	10.53	29.4	1.32	0.0601
274	0.779	10.73	28.1	1.32	0.0575
300	0.711	10.90	26.9	1.16	0.0445
328	0.650	11.07	25.8	1.16	0.0413
359	0.594	11.24	24.6	1.16	0.0373
393	0.543	11.43	23.3	1.32	0.0389
430	0.496	11.58	22.3	0.99	0.0268
470	0.454	11.74	21.2	1.16	0.0289
514	0.415	11.89	20.2	0.99	0.0225
563	0.379	12.04	19.2	0.99	0.0202
615	0.347	12.18	18.2	0.99	0.0191
673	0.317	12.33	17.2	0.99	0.0171
736	0.290	12.47	16.2	0.99	0.0157
806	0.265	12.64	15.0	1.16	0.0165
881	0.242	12.76	14.2	0.83	0.0110
964	0.221	12.91	13.2	0.99	0.0119
1050	0.203	13.03	12.4	0.83	0.0096
1150	0.186	13.17	11.4	0.99	0.0099
1260	0.169	13.29	10.6	0.83	0.0075
1380	0.155	13.42	9.8	0.83	0.0069
1510	0.141	13.54	8.9	0.83	0.0064
1650	0.129	13.63	8.3	0.66	0.0047

Mercury Injection Capillary Pressure

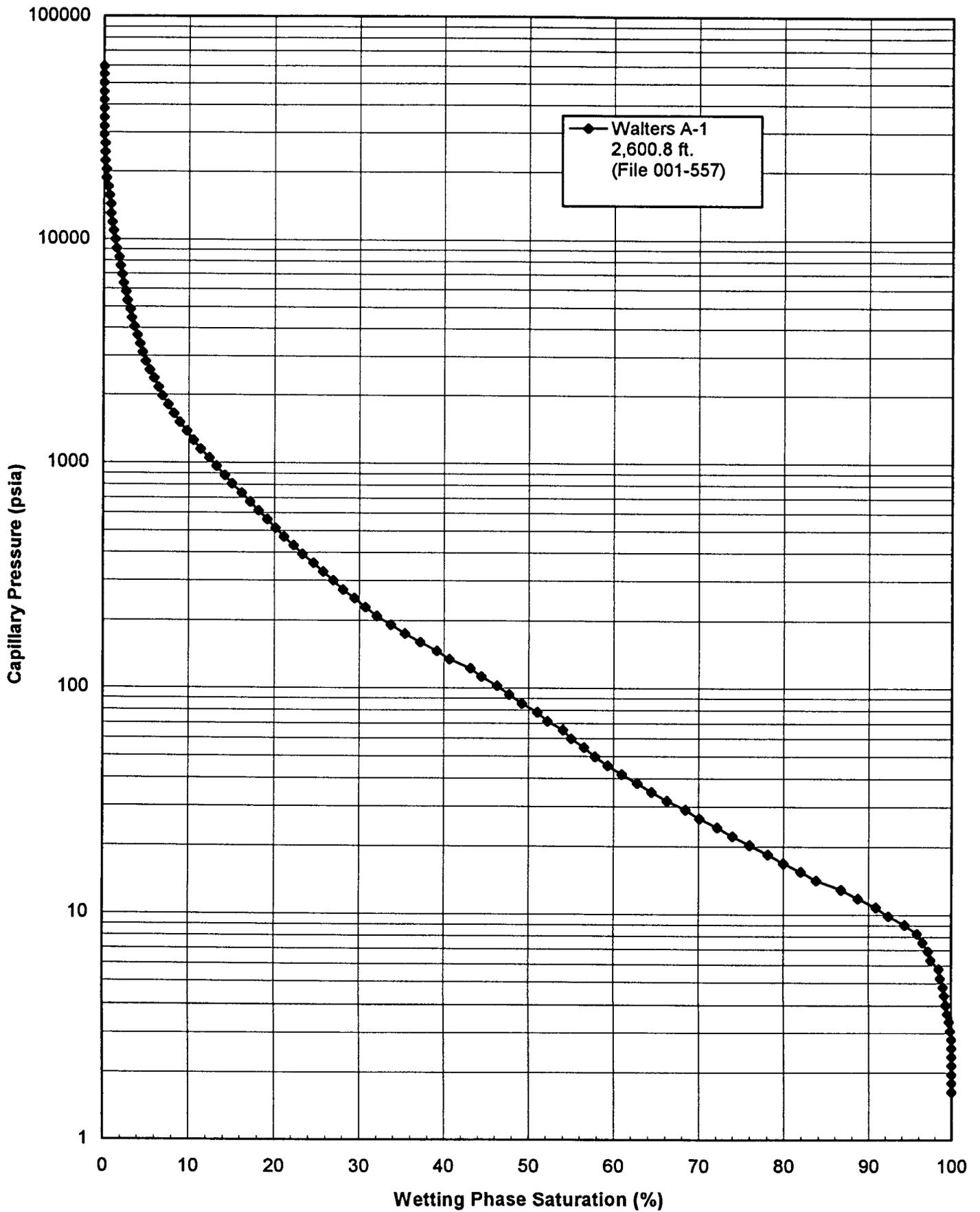
Walters A-1 : 2,600.8 feet
File 002-668

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	13.73	7.6	0.66	0.0041
1980	0.1077	13.83	6.9	0.66	0.0039
2160	0.0988	13.90	6.4	0.50	0.0028
2370	0.0900	13.97	6.0	0.50	0.0024
2590	0.0824	14.05	5.5	0.50	0.0023
2830	0.0754	14.12	5.0	0.50	0.0021
3100	0.0688	14.17	4.6	0.33	0.0012
3390	0.0629	14.21	4.3	0.33	0.0011
3710	0.0575	14.26	4.0	0.33	0.0010
4060	0.0525	14.31	3.6	0.33	0.0009
4440	0.0480	14.36	3.3	0.33	0.0009
4850	0.0440	14.38	3.1	0.17	0.0004
5310	0.0402	14.43	2.8	0.33	0.0007
5810	0.0367	14.46	2.6	0.17	0.0003
6360	0.0335	14.51	2.3	0.33	0.0006
6950	0.0307	14.53	2.1	0.17	0.0003
7610	0.0280	14.55	2.0	0.17	0.0003
8320	0.0256	14.58	1.8	0.17	0.0002
9100	0.0234	14.63	1.5	0.33	0.0004
9960	0.0214	14.65	1.3	0.17	0.0002
10900	0.0196	14.67	1.2	0.17	0.0002
11900	0.0179	14.70	1.0	0.17	0.0002
13000	0.0164	14.72	0.8	0.17	0.0002
14300	0.0149	14.72	0.8	0.00	0.0000
15600	0.0137	14.75	0.7	0.17	0.0001
17100	0.0125	14.77	0.5	0.17	0.0001
18700	0.0114	14.80	0.3	0.17	0.0001
20400	0.0105	14.80	0.3	0.00	0.0000
22300	0.0096	14.82	0.2	0.17	0.0001
24400	0.0087	14.82	0.2	0.00	0.0000
26700	0.0080	14.82	0.2	0.00	0.0000
29300	0.0073	14.84	0.0	0.17	0.0001
32000	0.0067	14.84	0.0	0.00	0.0000
35000	0.0061	14.84	0.0	0.00	0.0000
38300	0.0056	14.84	0.0	0.00	0.0000
41900	0.0051	14.84	0.0	0.00	0.0000
45800	0.0047	14.84	0.0	0.00	0.0000
50100	0.0043	14.84	0.0	0.00	0.0000
54800	0.0039	14.84	0.0	0.00	0.0000
59500	0.0036	14.84	0.0	0.00	0.0000

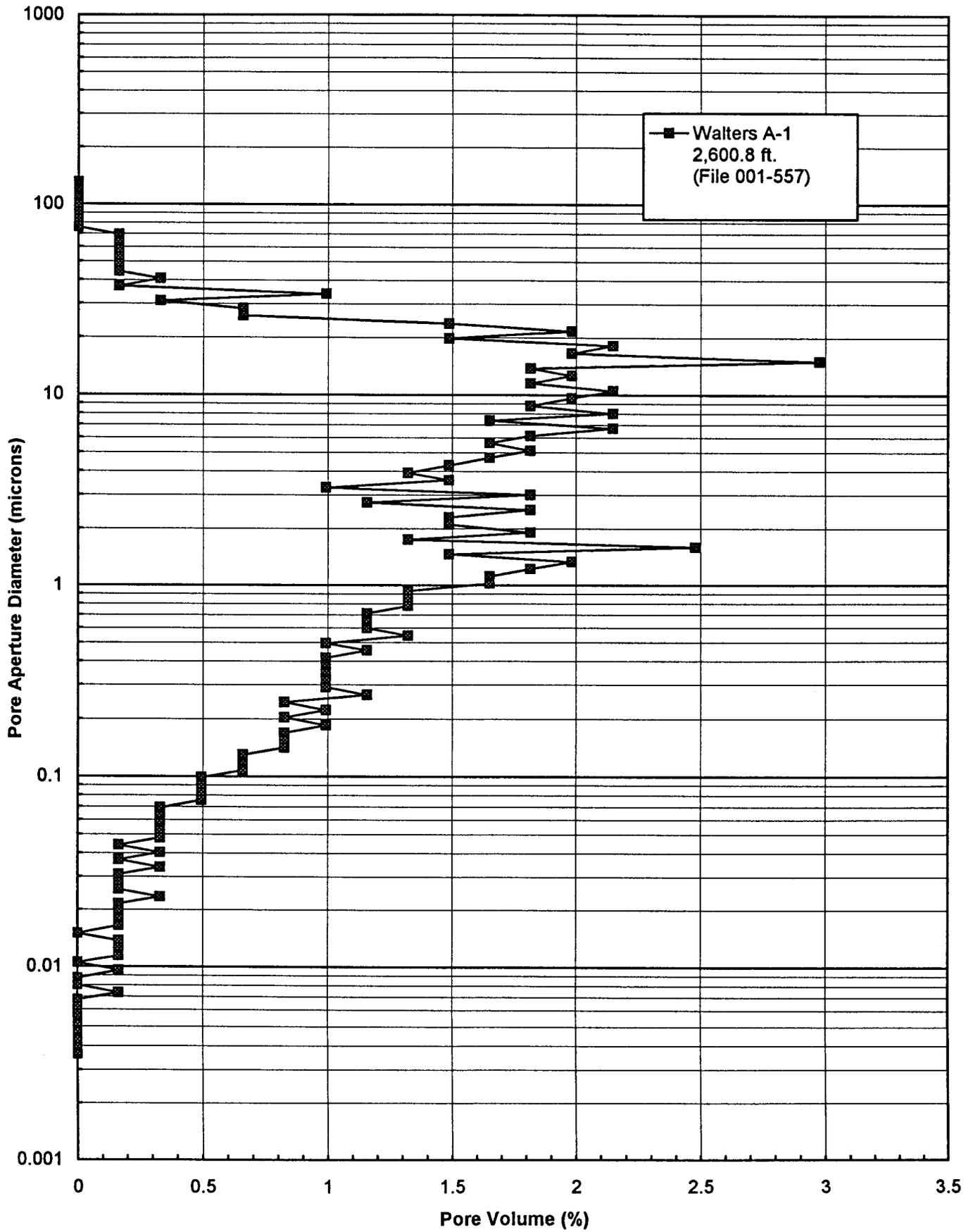
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,631.5 feet

File 002-671

Sample Information	
Bulk Volume = 12.3745 cc	Porosity = 22.0% (mercury)
Pore Volume = 2.7235 cc	Permeability = 83.5 md (mercury)
Closure = 0.67%BV @ 14.2 psia	Median Pore Aperture = 7.259 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.00	100.0	0.00	0.0000
1.80	119	0.10	100.0	0.00	0.0000
1.96	109	0.29	100.0	0.00	0.0000
2.15	99.2	0.37	100.0	0.00	0.0000
2.35	90.8	0.40	100.0	0.00	0.0000
2.57	83.0	0.42	100.0	0.00	0.0000
2.81	75.9	0.44	100.0	0.00	0.0000
3.08	69.3	0.46	100.0	0.00	0.0000
3.37	63.3	0.48	100.0	0.00	0.0000
3.68	58.0	0.48	100.0	0.00	0.0000
4.03	52.9	0.48	100.0	0.00	0.0000
4.41	48.4	0.50	100.0	0.00	0.0000
4.82	44.3	0.50	100.0	0.00	0.0000
5.27	40.5	0.52	100.0	0.00	0.0000
5.77	37.0	0.52	100.0	0.00	0.0000
6.31	33.8	0.52	100.0	0.00	0.0000
6.90	30.9	0.54	100.0	0.00	0.0000
7.55	28.3	0.54	100.0	0.00	0.0000
8.26	25.8	0.56	100.0	0.00	0.0000
9.04	23.6	0.56	100.0	0.00	0.0000
9.89	21.6	0.58	100.0	0.00	0.0000
10.8	19.8	0.58	100.0	0.00	0.0000
11.8	18.1	0.60	100.0	0.00	0.0000
12.9	16.5	0.62	100.0	0.00	0.0000
14.2	15.0	0.67	100.0	0.00	0.0000
15.5	13.8	0.73	99.7	0.28	0.2183
16.9	12.6	0.81	99.3	0.38	0.2703
18.5	11.5	1.33	97.0	2.37	1.4782
20.3	10.5	2.81	90.3	6.72	3.7317
22.2	9.61	5.78	76.7	13.53	7.1205
24.3	8.78	8.45	64.6	12.11	5.7665
26.6	8.02	10.26	56.4	8.23	3.5786
29.0	7.36	11.50	50.7	5.68	2.3652
31.8	6.71	12.50	46.2	4.54	1.6218
34.8	6.13	13.25	42.8	3.41	1.1353
38.0	5.61	13.83	40.1	2.65	0.8278

Mercury Injection Capillary Pressure

Walters A-1 : 2,631.5 feet
File 002-671

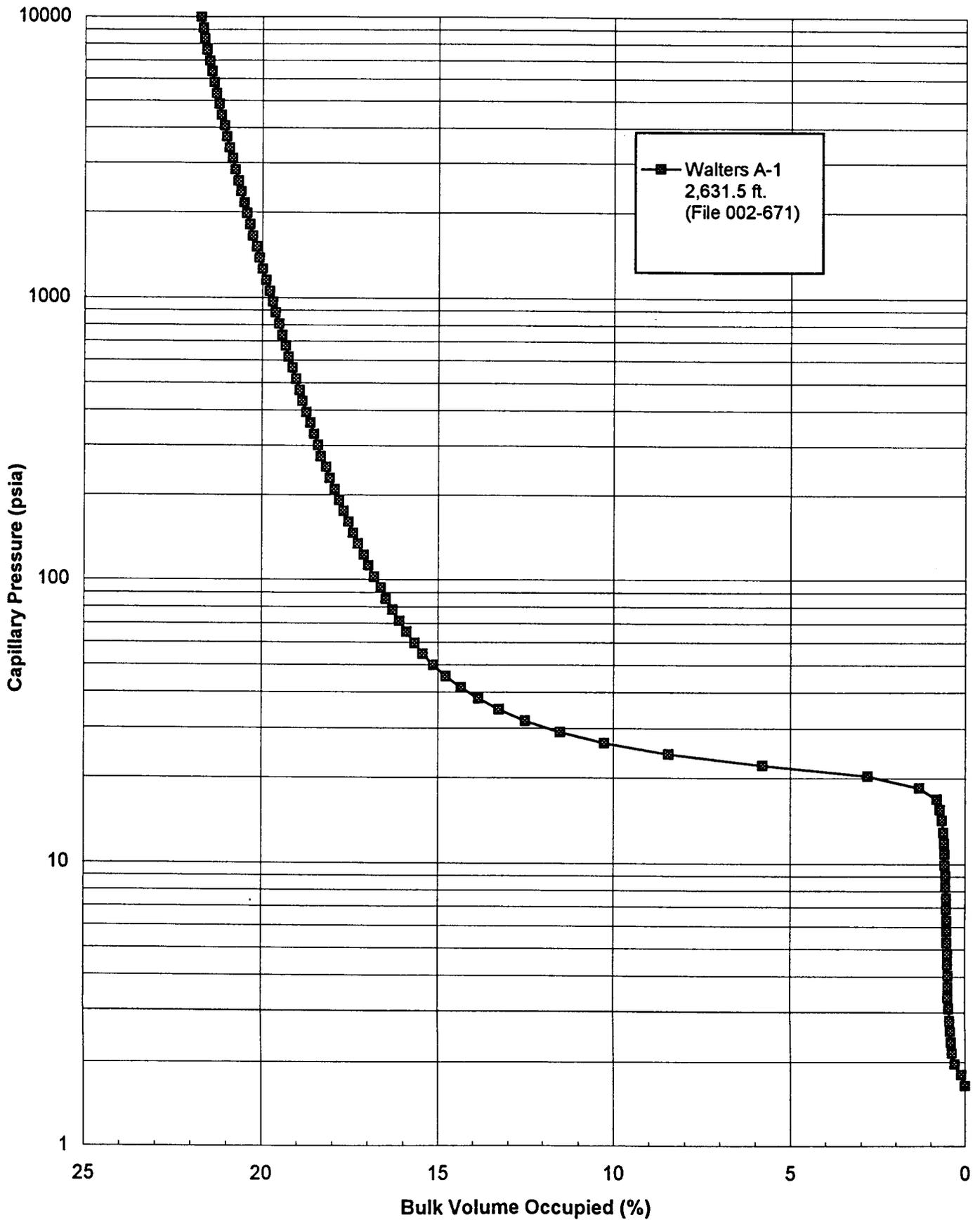
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	14.33	37.8	2.27	0.6307
45.5	4.69	14.77	35.9	1.99	0.5094
49.8	4.28	15.12	34.2	1.61	0.3740
54.5	3.91	15.44	32.8	1.42	0.3019
59.6	3.58	15.66	31.8	1.04	0.2041
65.2	3.27	15.89	30.7	1.04	0.1858
71.3	2.99	16.10	29.8	0.95	0.1551
78.0	2.73	16.29	28.9	0.85	0.1271
85.3	2.50	16.48	28.1	0.85	0.1166
93.4	2.28	16.62	27.4	0.66	0.0818
102	2.09	16.81	26.6	0.85	0.0990
112	1.90	16.97	25.8	0.76	0.0757
122	1.75	17.10	25.3	0.57	0.0568
134	1.59	17.27	24.5	0.76	0.0631
146	1.46	17.41	23.8	0.66	0.0552
160	1.33	17.54	23.3	0.57	0.0405
175	1.22	17.68	22.6	0.66	0.0442
191	1.12	17.81	22.0	0.57	0.0355
209	1.02	17.93	21.5	0.57	0.0315
229	0.932	18.08	20.8	0.66	0.0331
251	0.850	18.18	20.3	0.47	0.0215
274	0.779	18.33	19.7	0.66	0.0288
300	0.711	18.41	19.3	0.38	0.0146
328	0.650	18.51	18.8	0.47	0.0169
359	0.594	18.62	18.4	0.47	0.0153
393	0.543	18.74	17.8	0.57	0.0167
430	0.496	18.85	17.3	0.47	0.0128
470	0.454	18.93	16.9	0.38	0.0095
514	0.415	19.03	16.5	0.47	0.0108
563	0.379	19.14	16.0	0.47	0.0097
615	0.347	19.24	15.5	0.47	0.0091
673	0.317	19.33	15.1	0.38	0.0065
736	0.290	19.43	14.7	0.47	0.0075
806	0.265	19.51	14.3	0.38	0.0054
881	0.242	19.62	13.8	0.47	0.0063
964	0.221	19.70	13.4	0.38	0.0046
1050	0.203	19.78	13.1	0.38	0.0044
1150	0.186	19.89	12.6	0.47	0.0047
1260	0.169	19.99	12.1	0.47	0.0043
1380	0.155	20.07	11.7	0.38	0.0032
1510	0.141	20.16	11.4	0.38	0.0029
1650	0.129	20.26	10.9	0.47	0.0034

Mercury Injection Capillary Pressure

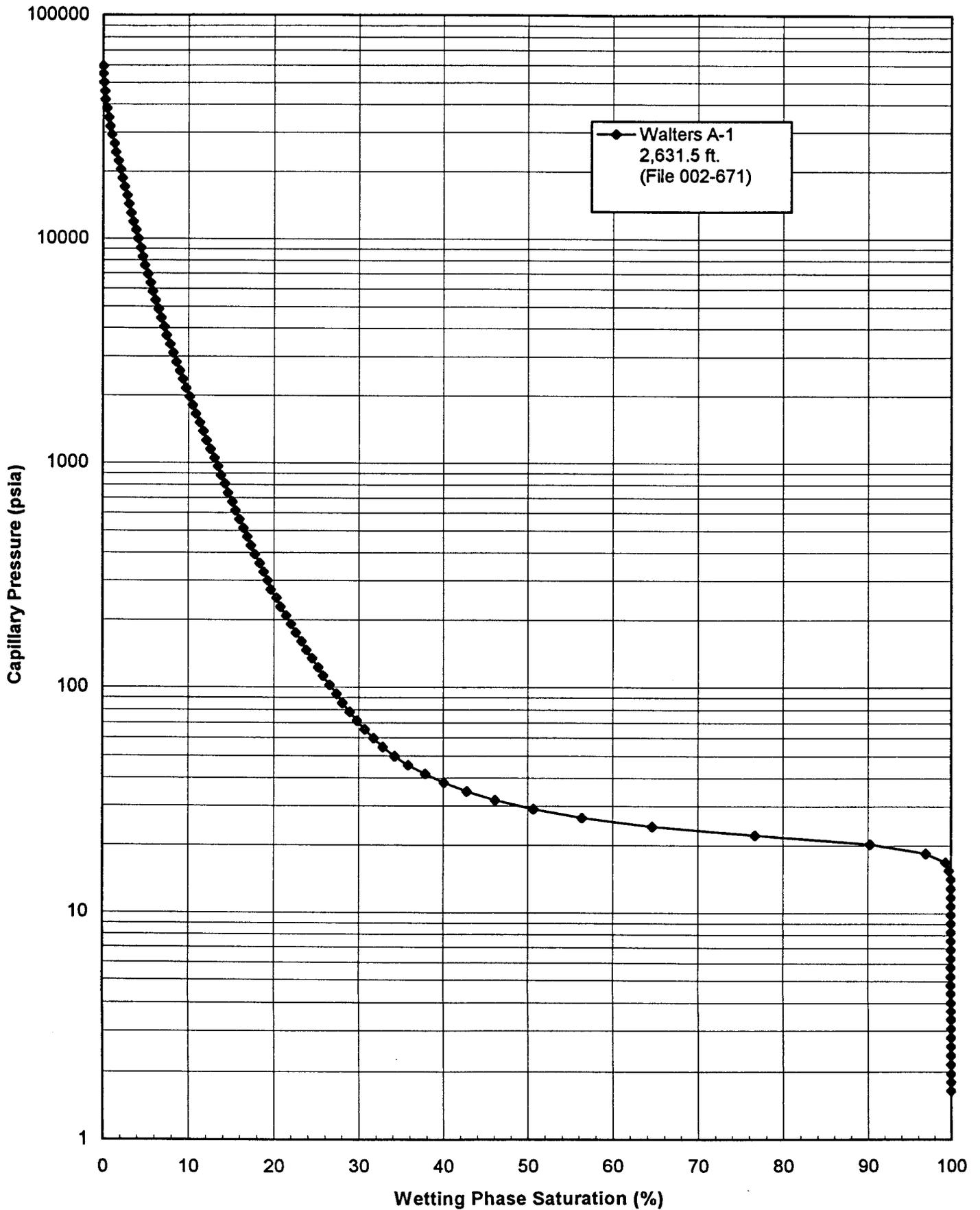
Walters A-1 : 2,631.5 feet
File 002-671

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	20.34	10.5	0.38	0.0024
1980	0.1077	20.43	10.1	0.38	0.0022
2160	0.0988	20.51	9.7	0.38	0.0021
2370	0.0900	20.59	9.4	0.38	0.0018
2590	0.0824	20.68	9.0	0.38	0.0017
2830	0.0754	20.76	8.6	0.38	0.0016
3100	0.0688	20.84	8.2	0.38	0.0014
3390	0.0629	20.93	7.9	0.38	0.0013
3710	0.0575	21.01	7.5	0.38	0.0012
4060	0.0525	21.07	7.2	0.28	0.0008
4440	0.0480	21.16	6.8	0.38	0.0010
4850	0.0440	21.22	6.5	0.28	0.0007
5310	0.0402	21.30	6.1	0.38	0.0008
5810	0.0367	21.36	5.9	0.28	0.0006
6360	0.0335	21.43	5.6	0.28	0.0005
6950	0.0307	21.49	5.3	0.28	0.0005
7610	0.0280	21.57	4.9	0.38	0.0006
8320	0.0256	21.63	4.6	0.28	0.0004
9100	0.0234	21.68	4.4	0.19	0.0002
9960	0.0214	21.74	4.2	0.28	0.0003
10900	0.0196	21.80	3.9	0.28	0.0003
11900	0.0179	21.86	3.6	0.28	0.0003
13000	0.0164	21.93	3.3	0.28	0.0003
14300	0.0149	21.99	3.0	0.28	0.0002
15600	0.0137	22.03	2.8	0.19	0.0001
17100	0.0125	22.09	2.6	0.28	0.0002
18700	0.0114	22.15	2.3	0.28	0.0002
20400	0.0105	22.20	2.1	0.19	0.0001
22300	0.0096	22.26	1.8	0.28	0.0001
24400	0.0087	22.32	1.5	0.28	0.0001
26700	0.0080	22.36	1.3	0.19	0.0001
29300	0.0073	22.43	1.0	0.28	0.0001
32000	0.0067	22.47	0.9	0.19	0.0001
35000	0.0061	22.51	0.7	0.19	0.0001
38300	0.0056	22.55	0.5	0.19	0.0001
41900	0.0051	22.59	0.3	0.19	0.0001
45800	0.0047	22.61	0.2	0.09	0.0000
50100	0.0043	22.63	0.1	0.09	0.0000
54800	0.0039	22.65	0.0	0.09	0.0000
59500	0.0036	22.65	0.0	0.00	0.0000

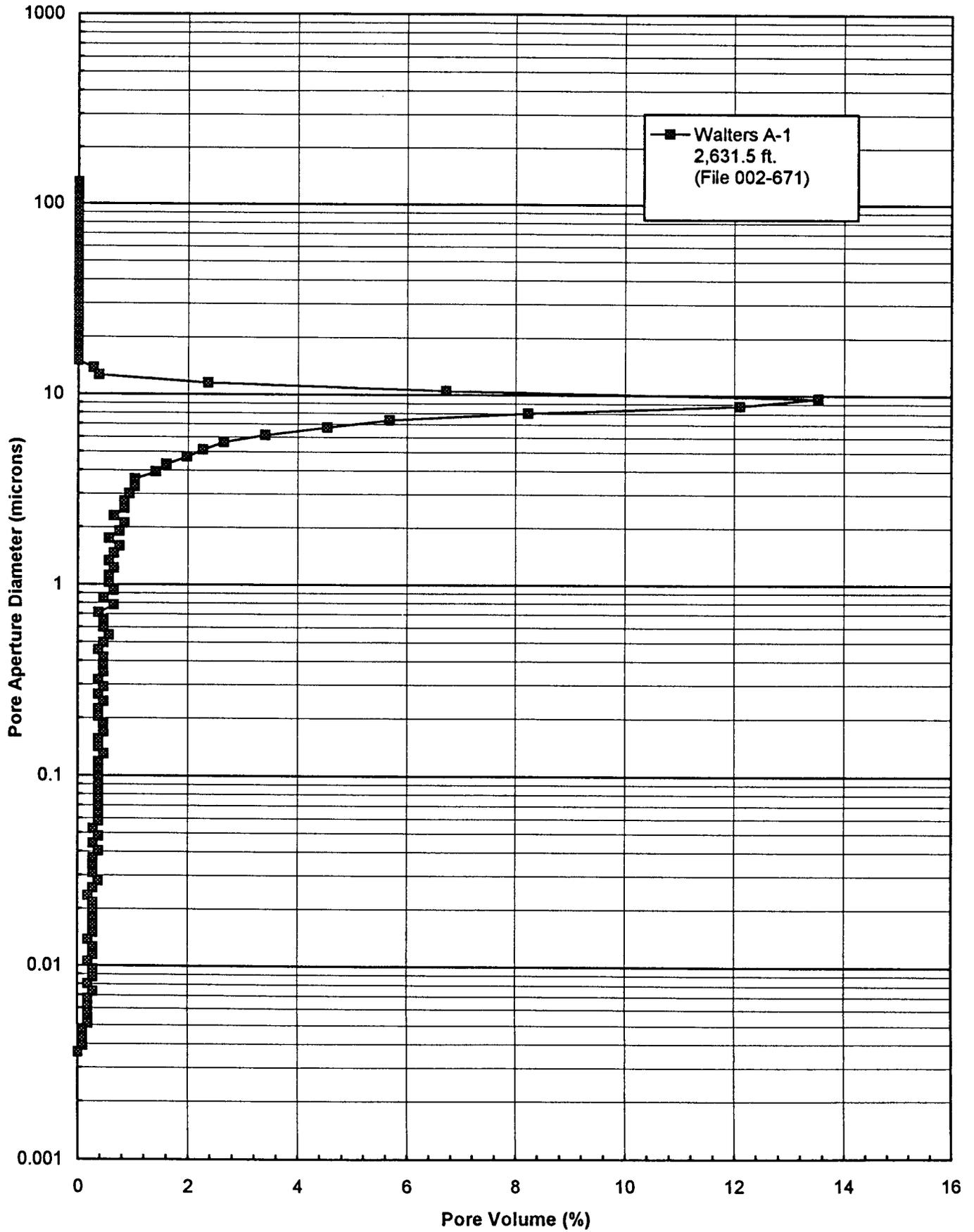
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,641.5 feet

File 002-672

Sample Information	
Bulk Volume = 12.8023 cc	Porosity = 17.6% (mercury)
Pore Volume = 2.2601 cc	Permeability = 18.0 md (mercury)
Closure = 0.61%BV@ 20.3 psia	Median Pore Aperture = 3.6025 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.05	100.0	0.00	0.0000
1.96	109	0.07	100.0	0.00	0.0000
2.15	99.2	0.09	100.0	0.00	0.0000
2.35	90.8	0.14	100.0	0.00	0.0000
2.57	83.0	0.16	100.0	0.00	0.0000
2.81	75.9	0.19	100.0	0.00	0.0000
3.08	69.3	0.23	100.0	0.00	0.0000
3.37	63.3	0.26	100.0	0.00	0.0000
3.68	58.0	0.28	100.0	0.00	0.0000
4.03	52.9	0.30	100.0	0.00	0.0000
4.41	48.4	0.30	100.0	0.00	0.0000
4.82	44.3	0.30	100.0	0.00	0.0000
5.27	40.5	0.33	100.0	0.00	0.0000
5.77	37.0	0.33	100.0	0.00	0.0000
6.31	33.8	0.35	100.0	0.00	0.0000
6.90	30.9	0.35	100.0	0.00	0.0000
7.55	28.3	0.37	100.0	0.00	0.0000
8.26	25.8	0.37	100.0	0.00	0.0000
9.04	23.6	0.40	100.0	0.00	0.0000
9.89	21.6	0.40	100.0	0.00	0.0000
10.8	19.8	0.42	100.0	0.00	0.0000
11.8	18.1	0.42	100.0	0.00	0.0000
12.9	16.5	0.44	100.0	0.00	0.0000
14.2	15.0	0.47	100.0	0.00	0.0000
15.5	13.8	0.49	100.0	0.00	0.0000
16.9	12.6	0.51	100.0	0.00	0.0000
18.5	11.5	0.56	100.0	0.00	0.0000
20.3	10.5	0.61	100.0	0.00	0.0000
22.2	9.61	0.65	99.7	0.26	0.1392
24.3	8.78	0.75	99.2	0.53	0.2520
26.6	8.02	0.89	98.4	0.79	0.3451
29.0	7.36	1.07	97.4	1.06	0.4409
31.8	6.71	1.54	94.7	2.65	0.9448
34.8	6.13	2.29	90.5	4.23	1.4109
38.0	5.61	3.46	83.9	6.61	2.0668

Mercury Injection Capillary Pressure

Walters A-1 : 2,641.5 feet
File 002-672

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	5.23	73.8	10.05	2.7925
45.5	4.69	6.87	64.6	9.26	2.3742
49.8	4.28	7.78	59.4	5.16	1.1997
54.5	3.91	8.71	54.1	5.29	1.1257
59.6	3.58	9.48	49.7	4.37	0.8559
65.2	3.27	10.04	46.6	3.17	0.5669
71.3	2.99	10.60	43.4	3.17	0.5204
78.0	2.73	11.09	40.6	2.78	0.4146
85.3	2.50	11.54	38.1	2.51	0.3443
93.4	2.28	11.91	36.0	2.12	0.2613
102	2.09	12.28	33.9	2.12	0.2461
112	1.90	12.59	32.1	1.72	0.1720
122	1.75	12.84	30.7	1.46	0.1455
134	1.59	13.15	29.0	1.72	0.1433
146	1.46	13.38	27.6	1.32	0.1102
160	1.33	13.59	26.5	1.19	0.0850
175	1.22	13.80	25.3	1.19	0.0794
191	1.12	13.96	24.3	0.93	0.0579
209	1.02	14.13	23.4	0.93	0.0514
229	0.932	14.31	22.4	1.06	0.0529
251	0.850	14.48	21.4	0.93	0.0421
274	0.779	14.64	20.5	0.93	0.0403
300	0.711	14.76	19.8	0.66	0.0254
328	0.650	14.87	19.2	0.66	0.0236
359	0.594	15.01	18.4	0.79	0.0256
393	0.543	15.15	17.6	0.79	0.0233
430	0.496	15.30	16.8	0.79	0.0215
470	0.454	15.41	16.1	0.66	0.0165
514	0.415	15.53	15.5	0.66	0.0150
563	0.379	15.65	14.8	0.66	0.0135
615	0.347	15.76	14.2	0.66	0.0127
673	0.317	15.88	13.5	0.66	0.0114
736	0.290	16.00	12.8	0.66	0.0105
806	0.265	16.09	12.3	0.53	0.0076
881	0.242	16.21	11.6	0.66	0.0088
964	0.221	16.30	11.1	0.53	0.0064
1050	0.203	16.39	10.6	0.53	0.0062
1150	0.186	16.49	10.1	0.53	0.0053
1260	0.169	16.58	9.5	0.53	0.0048
1380	0.155	16.67	9.0	0.53	0.0044
1510	0.141	16.77	8.5	0.53	0.0041
1650	0.129	16.84	8.1	0.40	0.0028

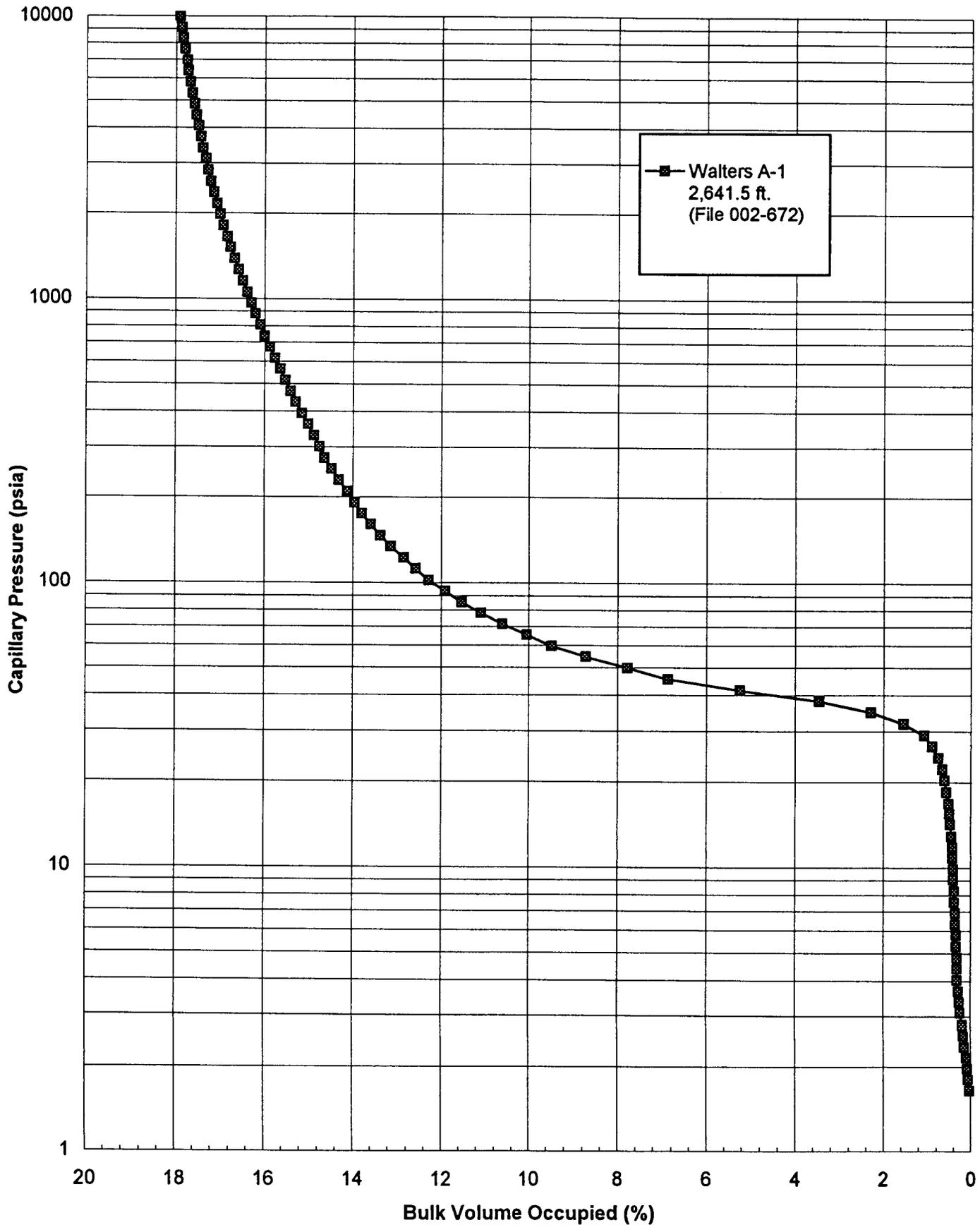
Mercury Injection Capillary Pressure

Walters A-1 : 2,641.5 feet

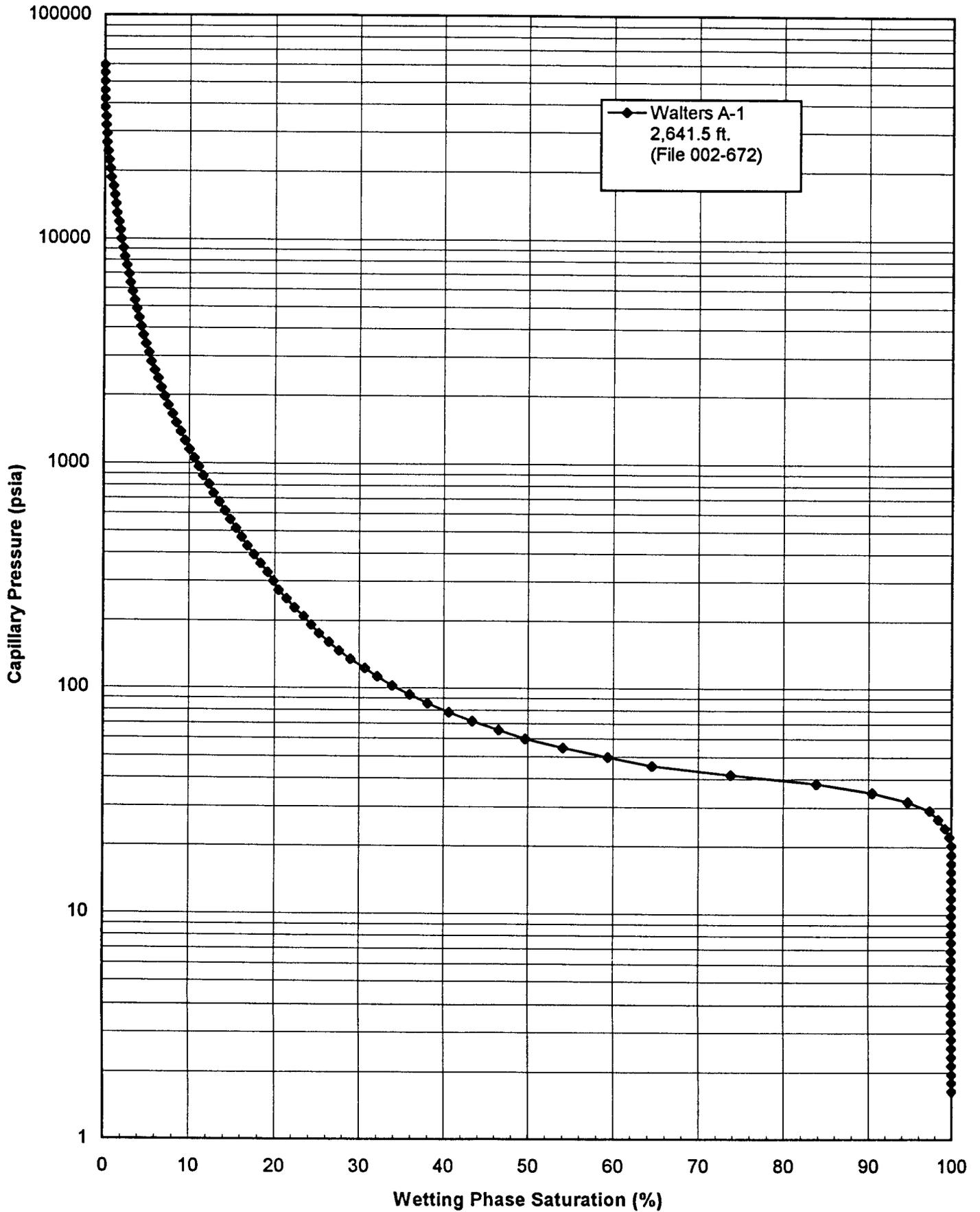
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Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	16.93	7.5	0.53	0.0033
1980	0.1077	17.00	7.1	0.40	0.0023
2160	0.0988	17.07	6.7	0.40	0.0022
2370	0.0900	17.14	6.3	0.40	0.0019
2590	0.0824	17.21	6.0	0.40	0.0018
2830	0.0754	17.28	5.6	0.40	0.0017
3100	0.0688	17.33	5.3	0.26	0.0010
3390	0.0629	17.40	4.9	0.40	0.0014
3710	0.0575	17.44	4.6	0.26	0.0008
4060	0.0525	17.49	4.4	0.26	0.0008
4440	0.0480	17.54	4.1	0.26	0.0007
4850	0.0440	17.58	3.8	0.26	0.0006
5310	0.0402	17.63	3.6	0.26	0.0006
5810	0.0367	17.68	3.3	0.26	0.0005
6360	0.0335	17.72	3.0	0.26	0.0005
6950	0.0307	17.75	2.9	0.13	0.0002
7610	0.0280	17.79	2.6	0.26	0.0004
8320	0.0256	17.84	2.4	0.26	0.0004
9100	0.0234	17.86	2.2	0.13	0.0002
9960	0.0214	17.91	2.0	0.26	0.0003
10900	0.0196	17.93	1.9	0.13	0.0001
11900	0.0179	17.96	1.7	0.13	0.0001
13000	0.0164	18.00	1.5	0.26	0.0002
14300	0.0149	18.03	1.3	0.13	0.0001
15600	0.0137	18.05	1.2	0.13	0.0001
17100	0.0125	18.07	1.1	0.13	0.0001
18700	0.0114	18.12	0.8	0.26	0.0002
20400	0.0105	18.14	0.7	0.13	0.0001
22300	0.0096	18.17	0.5	0.13	0.0001
24400	0.0087	18.19	0.4	0.13	0.0001
26700	0.0080	18.21	0.3	0.13	0.0001
29300	0.0073	18.21	0.3	0.00	0.0000
32000	0.0067	18.24	0.1	0.13	0.0000
35000	0.0061	18.24	0.1	0.00	0.0000
38300	0.0056	18.26	0.0	0.13	0.0000
41900	0.0051	18.26	0.0	0.00	0.0000
45800	0.0047	18.26	0.0	0.00	0.0000
50100	0.0043	18.26	0.0	0.00	0.0000
54800	0.0039	18.26	0.0	0.00	0.0000
59500	0.0036	18.26	0.0	0.00	0.0000

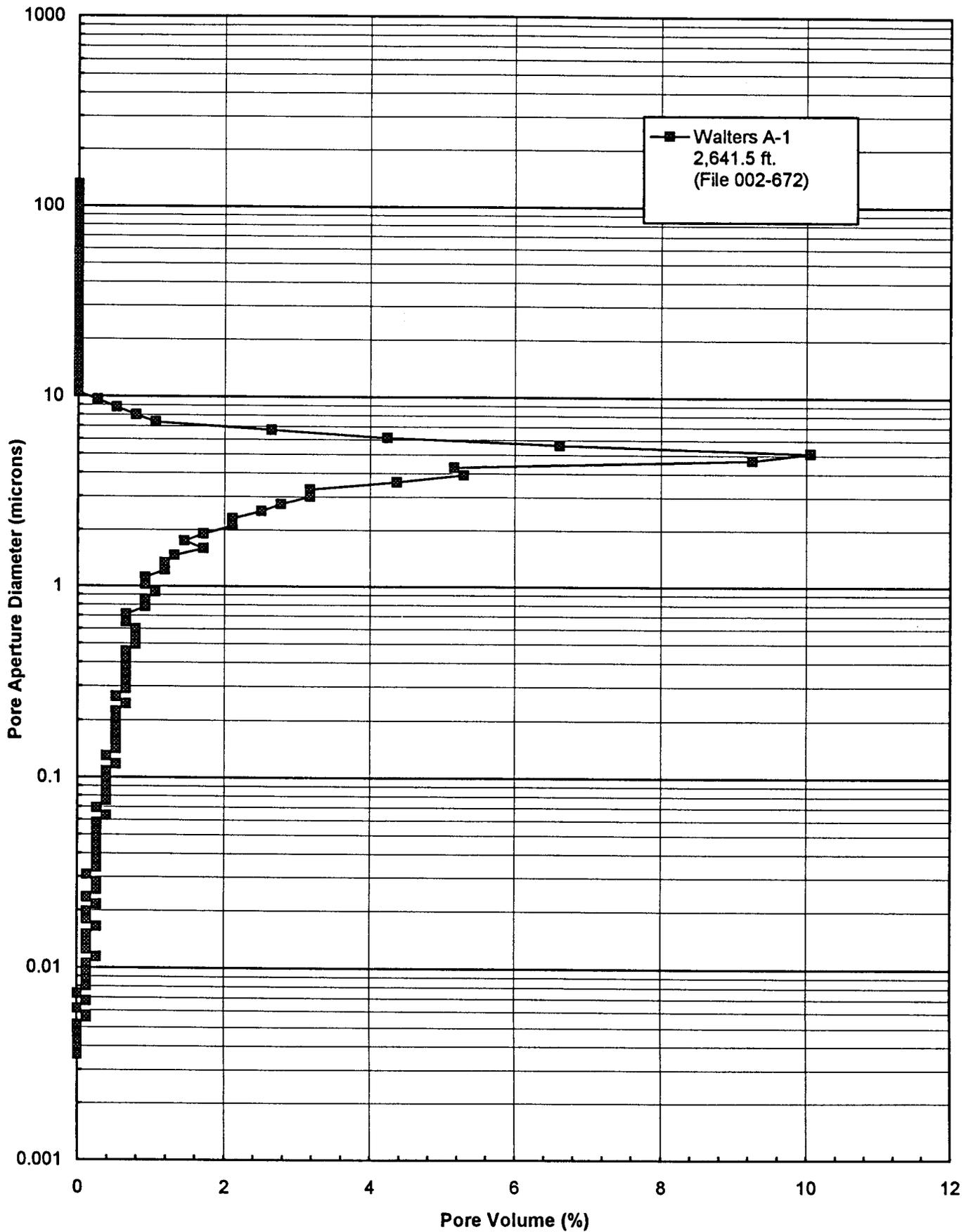
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,656.8 feet

File 002-673

Sample Information	
Bulk Volume = 12.5729 cc	Porosity = 13.3% (mercury)
Pore Volume = 1.6719 cc	Permeability = 1.76 md (mercury)
Closure = 0.35%BV @ 41.6 psia	Median Pore Aperture = 1.0623. Microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.00	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.07	100.0	0.00	0.0000
2.35	90.8	0.09	100.0	0.00	0.0000
2.57	83.0	0.12	100.0	0.00	0.0000
2.81	75.9	0.14	100.0	0.00	0.0000
3.08	69.3	0.16	100.0	0.00	0.0000
3.37	63.3	0.16	100.0	0.00	0.0000
3.68	58.0	0.16	100.0	0.00	0.0000
4.03	52.9	0.16	100.0	0.00	0.0000
4.41	48.4	0.19	100.0	0.00	0.0000
4.82	44.3	0.19	100.0	0.00	0.0000
5.27	40.5	0.19	100.0	0.00	0.0000
5.77	37.0	0.19	100.0	0.00	0.0000
6.31	33.8	0.21	100.0	0.00	0.0000
6.90	30.9	0.21	100.0	0.00	0.0000
7.55	28.3	0.21	100.0	0.00	0.0000
8.26	25.8	0.21	100.0	0.00	0.0000
9.04	23.6	0.21	100.0	0.00	0.0000
9.89	21.6	0.21	100.0	0.00	0.0000
10.8	19.8	0.23	100.0	0.00	0.0000
11.8	18.1	0.23	100.0	0.00	0.0000
12.9	16.5	0.23	100.0	0.00	0.0000
14.2	15.0	0.23	100.0	0.00	0.0000
15.5	13.8	0.23	100.0	0.00	0.0000
16.9	12.6	0.26	100.0	0.00	0.0000
18.5	11.5	0.26	100.0	0.00	0.0000
20.3	10.5	0.26	100.0	0.00	0.0000
22.2	9.61	0.26	100.0	0.00	0.0000
24.3	8.78	0.28	100.0	0.00	0.0000
26.6	8.02	0.28	100.0	0.00	0.0000
29.0	7.36	0.28	100.0	0.00	0.0000
31.8	6.71	0.30	100.0	0.00	0.0000
34.8	6.13	0.30	100.0	0.00	0.0000
38.0	5.61	0.33	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,656.8 feet
File 002-673

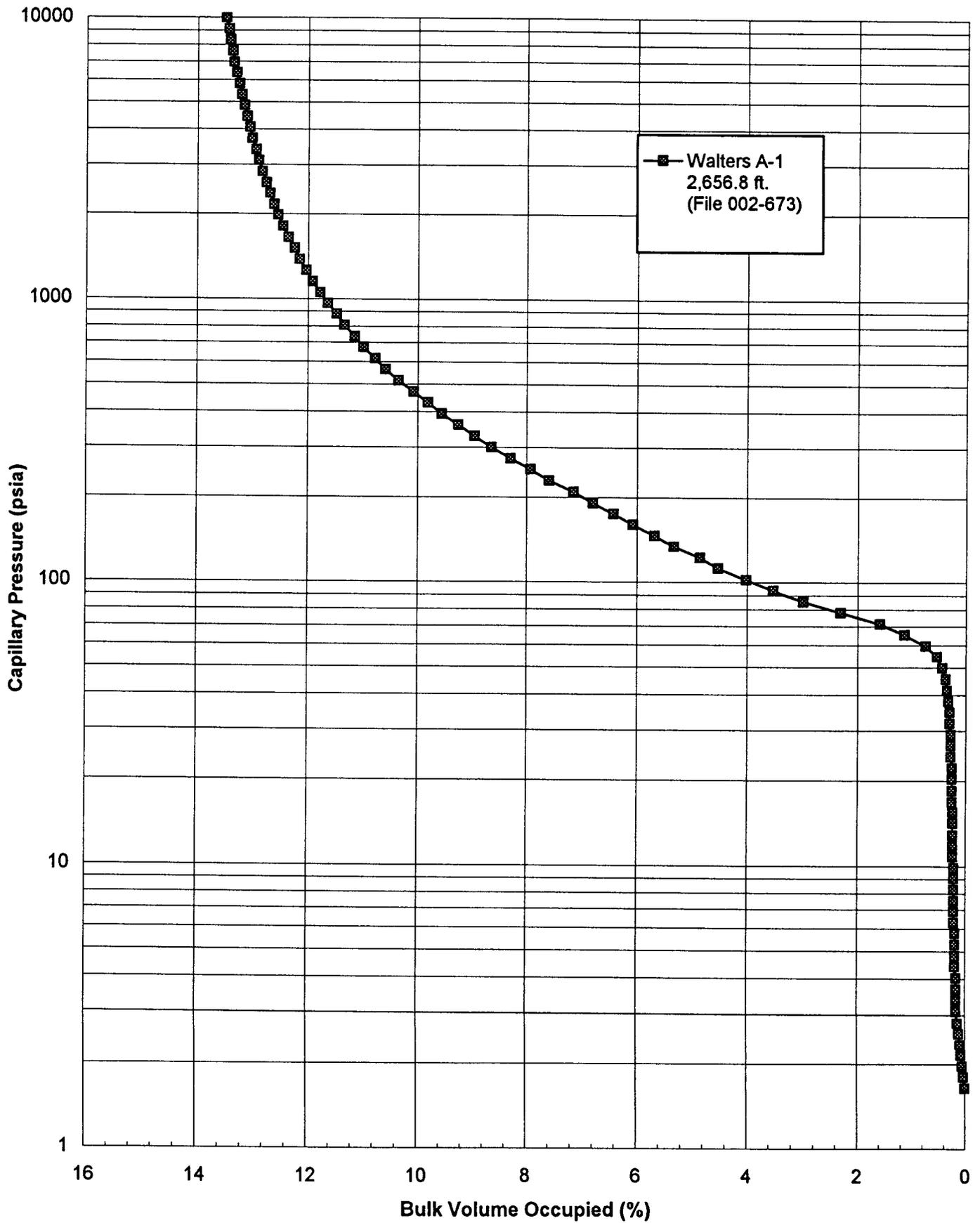
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.35	100.0	0.00	0.0000
45.5	4.69	0.37	99.8	0.18	0.0451
49.8	4.28	0.44	99.3	0.53	0.1226
54.5	3.91	0.54	98.6	0.70	0.1496
59.6	3.58	0.75	97.0	1.58	0.3101
65.2	3.27	1.15	94.0	2.99	0.5335
71.3	2.99	1.59	90.7	3.34	0.5474
78.0	2.73	2.31	85.2	5.45	0.8132
85.3	2.50	2.99	80.1	5.10	0.6982
93.4	2.28	3.53	76.1	4.04	0.4990
102	2.09	4.02	72.4	3.69	0.4291
112	1.90	4.53	68.5	3.87	0.3866
122	1.75	4.86	66.1	2.46	0.2460
134	1.59	5.33	62.6	3.51	0.2929
146	1.46	5.68	59.9	2.64	0.2197
160	1.33	6.08	56.9	2.99	0.2134
175	1.22	6.43	54.3	2.64	0.1757
191	1.12	6.80	51.5	2.81	0.1757
209	1.02	7.15	48.9	2.64	0.1465
229	0.932	7.60	45.5	3.34	0.1670
251	0.850	7.92	43.1	2.46	0.1118
274	0.779	8.30	40.2	2.81	0.1223
300	0.711	8.65	37.6	2.64	0.1014
328	0.650	8.95	35.3	2.28	0.0816
359	0.594	9.25	33.0	2.28	0.0737
393	0.543	9.56	30.8	2.28	0.0672
430	0.496	9.82	28.8	1.93	0.0522
470	0.454	10.07	26.9	1.93	0.0483
514	0.415	10.35	24.8	2.11	0.0479
563	0.379	10.59	23.0	1.76	0.0359
615	0.347	10.77	21.6	1.41	0.0270
673	0.317	10.98	20.0	1.58	0.0273
736	0.290	11.15	18.8	1.23	0.0195
806	0.265	11.33	17.4	1.41	0.0201
881	0.242	11.48	16.3	1.05	0.0141
964	0.221	11.64	15.1	1.23	0.0148
1050	0.203	11.78	14.1	1.05	0.0123
1150	0.186	11.92	13.0	1.05	0.0105
1260	0.169	12.04	12.1	0.88	0.0080
1380	0.155	12.15	11.2	0.88	0.0073
1510	0.141	12.25	10.5	0.70	0.0054
1650	0.129	12.36	9.7	0.88	0.0063

Mercury Injection Capillary Pressure

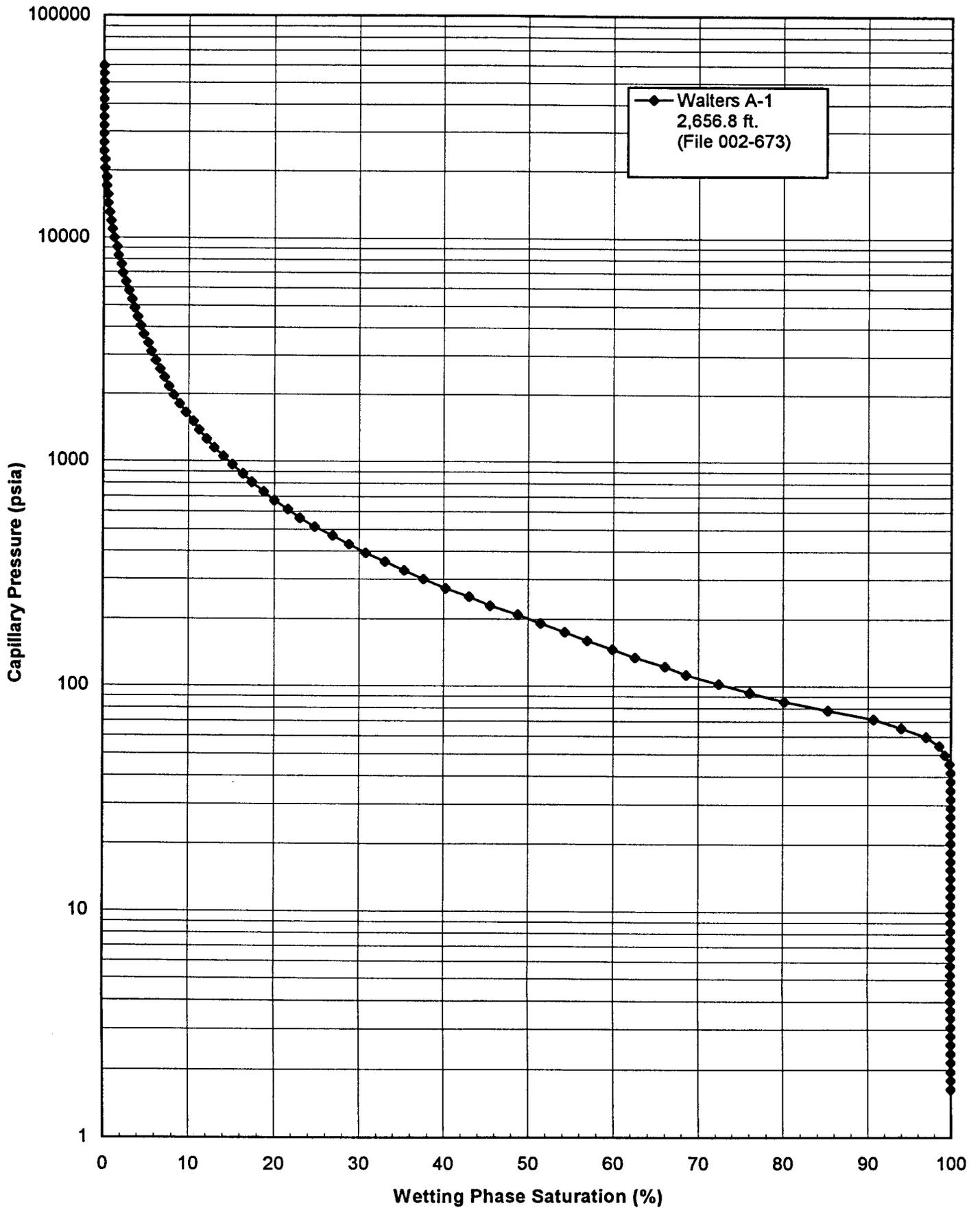
Walters A-1 : 2,656.8 feet
File 002-673

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	12.46	9.0	0.70	0.0044
1980	0.1077	12.55	8.3	0.70	0.0041
2160	0.0988	12.62	7.7	0.53	0.0029
2370	0.0900	12.69	7.2	0.53	0.0025
2590	0.0824	12.76	6.7	0.53	0.0024
2830	0.0754	12.83	6.2	0.53	0.0022
3100	0.0688	12.90	5.6	0.53	0.0020
3390	0.0629	12.95	5.3	0.35	0.0012
3710	0.0575	13.02	4.7	0.53	0.0016
4060	0.0525	13.06	4.4	0.35	0.0010
4440	0.0480	13.11	4.0	0.35	0.0009
4850	0.0440	13.16	3.7	0.35	0.0009
5310	0.0402	13.20	3.3	0.35	0.0008
5810	0.0367	13.25	3.0	0.35	0.0007
6360	0.0335	13.30	2.6	0.35	0.0006
6950	0.0307	13.34	2.3	0.35	0.0006
7610	0.0280	13.37	2.1	0.18	0.0003
8320	0.0256	13.41	1.8	0.35	0.0005
9100	0.0234	13.44	1.6	0.18	0.0002
9960	0.0214	13.49	1.2	0.35	0.0004
10900	0.0196	13.51	1.1	0.18	0.0002
11900	0.0179	13.53	0.9	0.18	0.0002
13000	0.0164	13.56	0.7	0.18	0.0002
14300	0.0149	13.58	0.5	0.18	0.0001
15600	0.0137	13.58	0.5	0.00	0.0000
17100	0.0125	13.60	0.4	0.18	0.0001
18700	0.0114	13.60	0.4	0.00	0.0000
20400	0.0105	13.63	0.2	0.18	0.0001
22300	0.0096	13.63	0.2	0.00	0.0000
24400	0.0087	13.65	0.0	0.18	0.0001
26700	0.0080	13.65	0.0	0.00	0.0000
29300	0.0073	13.65	0.0	0.00	0.0000
32000	0.0067	13.65	0.0	0.00	0.0000
35000	0.0061	13.65	0.0	0.00	0.0000
38300	0.0056	13.65	0.0	0.00	0.0000
41900	0.0051	13.65	0.0	0.00	0.0000
45800	0.0047	13.65	0.0	0.00	0.0000
50100	0.0043	13.65	0.0	0.00	0.0000
54800	0.0039	13.65	0.0	0.00	0.0000
59500	0.0036	13.65	0.0	0.00	0.0000

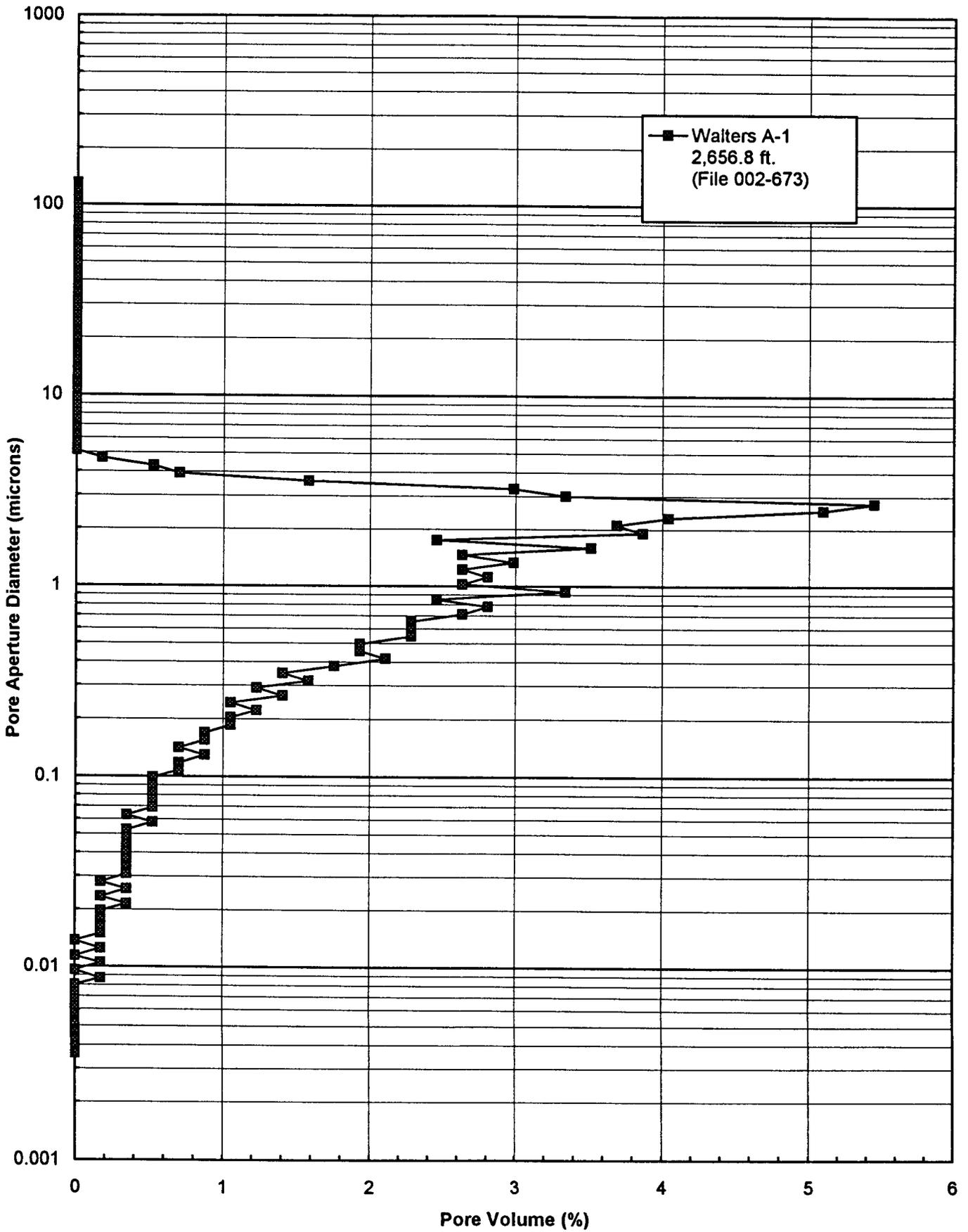
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,692.5 feet

File 002-675

Sample Information	
Bulk Volume = 12.6329 cc	Porosity = 23.5% (mercury)
Pore Volume = 2.9635 cc	Permeability = 78.8 md (mercury)
Closure = 0.45%BV @ 20.3 psia	Median Pore Aperture = 6.22 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.06	100.0	0.00	0.0000
1.96	109	0.10	100.0	0.00	0.0000
2.15	99.2	0.14	100.0	0.00	0.0000
2.35	90.8	0.16	100.0	0.00	0.0000
2.57	83.0	0.19	100.0	0.00	0.0000
2.81	75.9	0.21	100.0	0.00	0.0000
3.08	69.3	0.23	100.0	0.00	0.0000
3.37	63.3	0.23	100.0	0.00	0.0000
3.68	58.0	0.25	100.0	0.00	0.0000
4.03	52.9	0.27	100.0	0.00	0.0000
4.41	48.4	0.29	100.0	0.00	0.0000
4.82	44.3	0.29	100.0	0.00	0.0000
5.27	40.5	0.31	100.0	0.00	0.0000
5.77	37.0	0.31	100.0	0.00	0.0000
6.31	33.8	0.31	100.0	0.00	0.0000
6.90	30.9	0.33	100.0	0.00	0.0000
7.55	28.3	0.33	100.0	0.00	0.0000
8.26	25.8	0.33	100.0	0.00	0.0000
9.04	23.6	0.33	100.0	0.00	0.0000
9.89	21.6	0.35	100.0	0.00	0.0000
10.8	19.8	0.35	100.0	0.00	0.0000
11.8	18.1	0.37	100.0	0.00	0.0000
12.9	16.5	0.37	100.0	0.00	0.0000
14.2	15.0	0.37	100.0	0.00	0.0000
15.5	13.8	0.39	100.0	0.00	0.0000
16.9	12.6	0.41	100.0	0.00	0.0000
18.5	11.5	0.43	100.0	0.00	0.0000
20.3	10.5	0.45	100.0	0.00	0.0000
22.2	9.61	0.49	99.8	0.18	0.0924
24.3	8.78	0.62	99.3	0.53	0.2508
26.6	8.02	1.24	96.7	2.63	1.1452
29.0	7.36	4.12	84.4	12.29	5.1215
31.8	6.71	9.19	62.8	21.60	7.7135
34.8	6.13	12.75	47.6	15.19	5.0629
38.0	5.61	14.56	39.9	7.73	2.4144

Mercury Injection Capillary Pressure

Walters A-1 : 2,692.5 feet
File 002-675

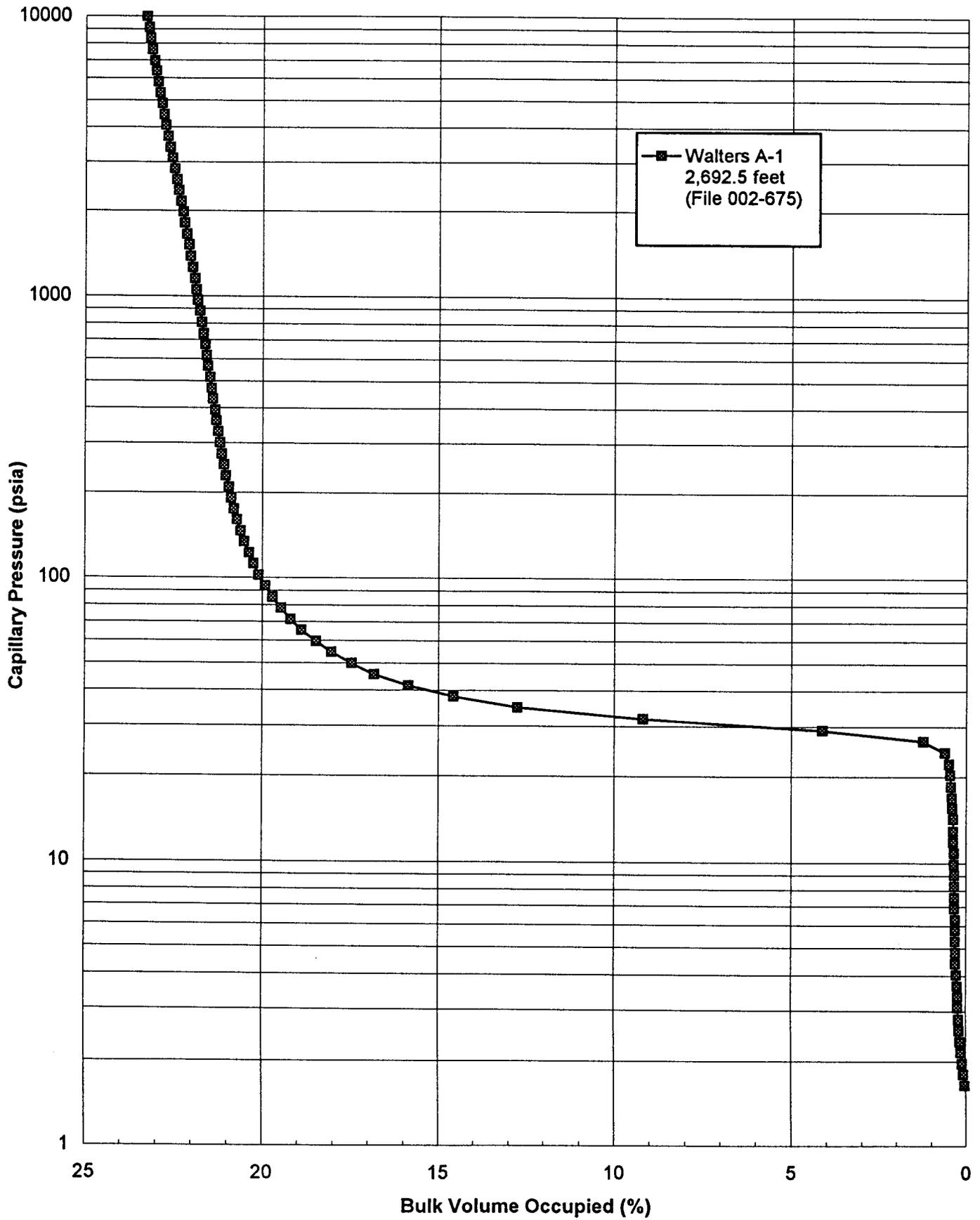
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	15.86	34.3	5.53	1.5364
45.5	4.69	16.83	30.2	4.13	1.0581
49.8	4.28	17.46	27.5	2.72	0.6330
54.5	3.91	18.04	25.0	2.46	0.5230
59.6	3.58	18.47	23.2	1.84	0.3615
65.2	3.27	18.89	21.4	1.76	0.3136
71.3	2.99	19.19	20.1	1.32	0.2159
78.0	2.73	19.46	19.0	1.14	0.1704
85.3	2.50	19.71	17.9	1.05	0.1443
93.4	2.28	19.92	17.0	0.88	0.1084
102	2.09	20.10	16.2	0.79	0.0919
112	1.90	20.25	15.6	0.61	0.0615
122	1.75	20.37	15.1	0.53	0.0527
134	1.59	20.51	14.5	0.61	0.0512
146	1.46	20.62	14.0	0.44	0.0366
160	1.33	20.72	13.6	0.44	0.0314
175	1.22	20.80	13.3	0.35	0.0234
191	1.12	20.88	12.9	0.35	0.0219
209	1.02	20.95	12.6	0.26	0.0146
229	0.932	21.03	12.3	0.35	0.0176
251	0.850	21.09	12.0	0.26	0.0120
274	0.779	21.15	11.8	0.26	0.0115
300	0.711	21.19	11.6	0.18	0.0068
328	0.650	21.25	11.3	0.26	0.0094
359	0.594	21.30	11.2	0.18	0.0057
393	0.543	21.34	11.0	0.18	0.0052
430	0.496	21.40	10.7	0.26	0.0071
470	0.454	21.44	10.5	0.18	0.0044
514	0.415	21.48	10.4	0.18	0.0040
563	0.379	21.54	10.1	0.26	0.0054
615	0.347	21.58	9.9	0.18	0.0034
673	0.317	21.63	9.7	0.18	0.0030
736	0.290	21.67	9.6	0.18	0.0028
806	0.265	21.73	9.3	0.26	0.0038
881	0.242	21.77	9.1	0.18	0.0023
964	0.221	21.83	8.9	0.26	0.0032
1050	0.203	21.87	8.7	0.18	0.0020
1150	0.186	21.91	8.5	0.18	0.0018
1260	0.169	21.98	8.3	0.26	0.0024
1380	0.155	22.04	8.0	0.26	0.0022
1510	0.141	22.08	7.8	0.18	0.0014
1650	0.129	22.14	7.6	0.26	0.0019

Mercury Injection Capillary Pressure

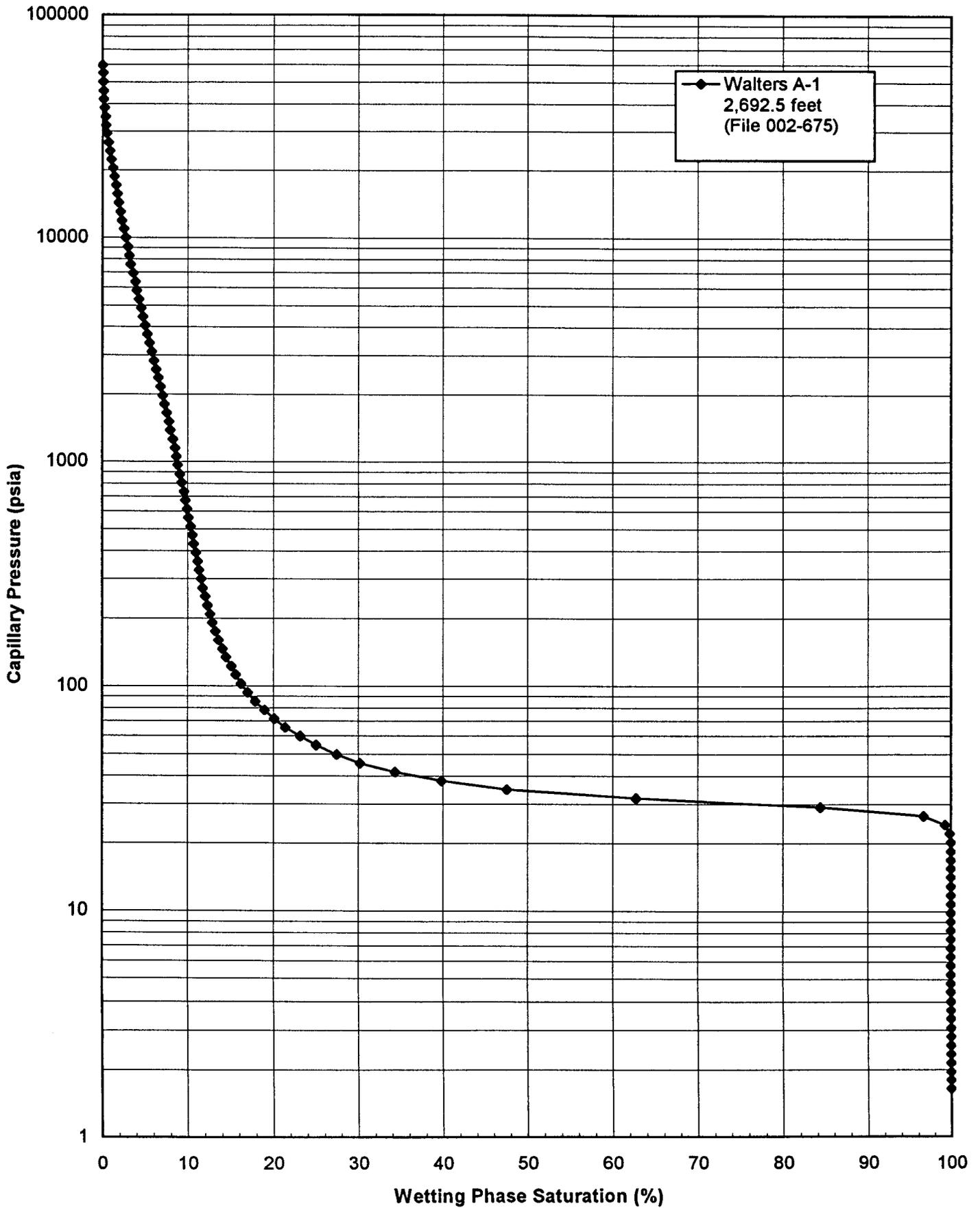
Walters A-1 : 2,692.5 feet
File 002-675

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	22.20	7.3	0.26	0.0016
1980	0.1077	22.24	7.1	0.18	0.0010
2160	0.0988	22.30	6.8	0.26	0.0015
2370	0.0900	22.37	6.6	0.26	0.0013
2590	0.0824	22.43	6.3	0.26	0.0012
2830	0.0754	22.49	6.1	0.26	0.0011
3100	0.0688	22.55	5.8	0.26	0.0010
3390	0.0629	22.61	5.5	0.26	0.0009
3710	0.0575	22.68	5.3	0.26	0.0008
4060	0.0525	22.74	5.0	0.26	0.0008
4440	0.0480	22.80	4.7	0.26	0.0007
4850	0.0440	22.84	4.6	0.18	0.0004
5310	0.0402	22.90	4.3	0.26	0.0006
5810	0.0367	22.96	4.0	0.26	0.0005
6360	0.0335	23.01	3.9	0.18	0.0003
6950	0.0307	23.07	3.6	0.26	0.0004
7610	0.0280	23.13	3.3	0.26	0.0004
8320	0.0256	23.17	3.2	0.18	0.0002
9100	0.0234	23.21	3.0	0.18	0.0002
9960	0.0214	23.27	2.7	0.26	0.0003
10900	0.0196	23.31	2.5	0.18	0.0002
11900	0.0179	23.38	2.3	0.26	0.0003
13000	0.0164	23.42	2.1	0.18	0.0002
14300	0.0149	23.46	1.9	0.18	0.0001
15600	0.0137	23.50	1.8	0.18	0.0001
17100	0.0125	23.54	1.6	0.18	0.0001
18700	0.0114	23.58	1.4	0.18	0.0001
20400	0.0105	23.62	1.2	0.18	0.0001
22300	0.0096	23.66	1.1	0.18	0.0001
24400	0.0087	23.71	0.9	0.18	0.0001
26700	0.0080	23.75	0.7	0.18	0.0001
29300	0.0073	23.79	0.5	0.18	0.0001
32000	0.0067	23.81	0.4	0.09	0.0000
35000	0.0061	23.83	0.4	0.09	0.0000
38300	0.0056	23.85	0.3	0.09	0.0000
41900	0.0051	23.87	0.2	0.09	0.0000
45800	0.0047	23.87	0.2	0.00	0.0000
50100	0.0043	23.89	0.1	0.09	0.0000
54800	0.0039	23.89	0.1	0.00	0.0000
59500	0.0036	23.91	0.0	0.09	0.0000

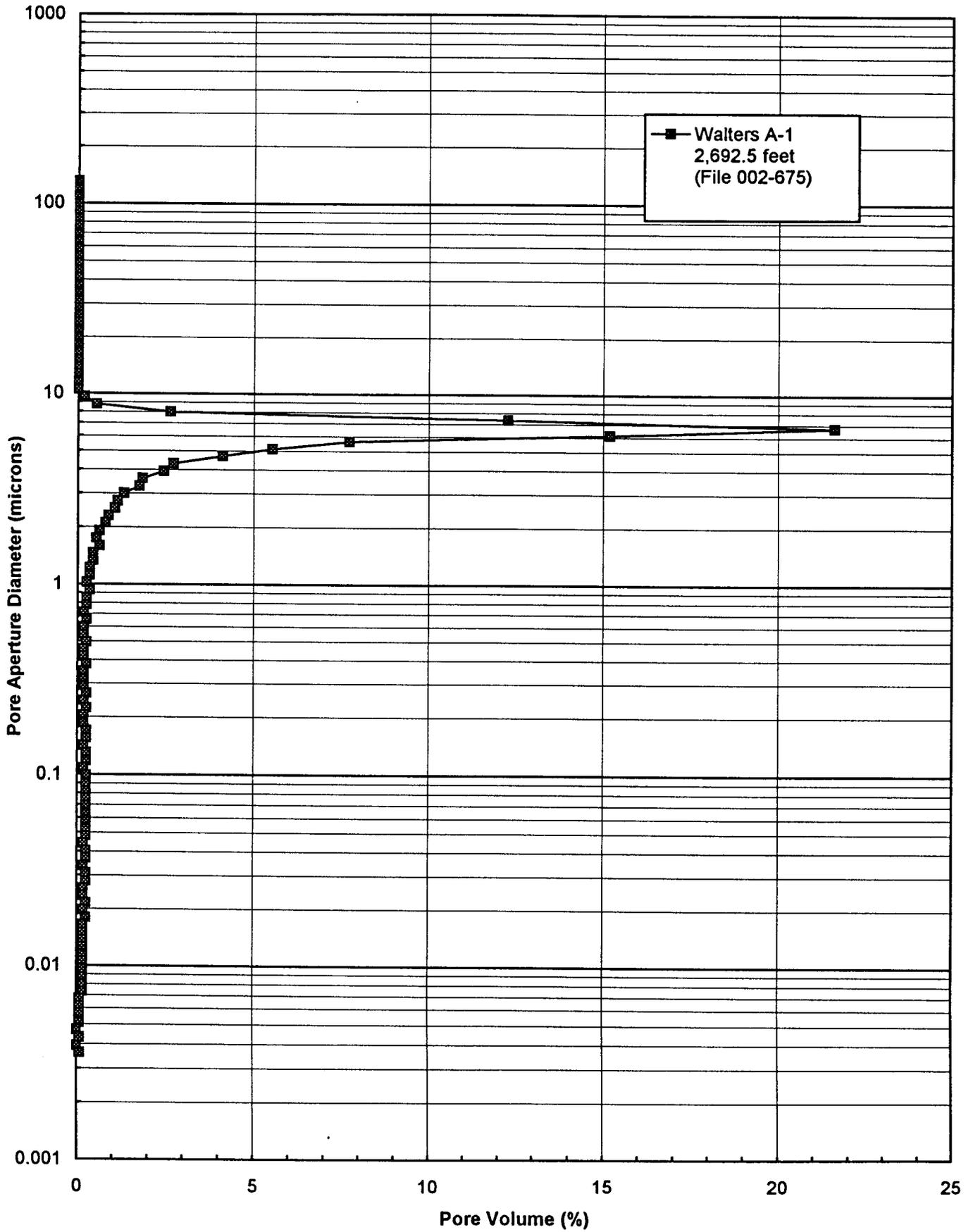
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,704.5 feet

File 002-676

Sample Information	
Bulk Volume = 12.8940 cc	Porosity = 19.8% (mercury)
Pore Volume = 2.5547 cc	Permeability = 2.348 md (mercury)
Closure = 0.45%BV @ 122 psia	Median Pore Aperture = 0.9585 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.04	100.0	0.00	0.0000
1.96	109	0.04	100.0	0.00	0.0000
2.15	99.2	0.04	100.0	0.00	0.0000
2.35	90.8	0.11	100.0	0.00	0.0000
2.57	83.0	0.13	100.0	0.00	0.0000
2.81	75.9	0.16	100.0	0.00	0.0000
3.08	69.3	0.16	100.0	0.00	0.0000
3.37	63.3	0.16	100.0	0.00	0.0000
3.68	58.0	0.18	100.0	0.00	0.0000
4.03	52.9	0.18	100.0	0.00	0.0000
4.41	48.4	0.18	100.0	0.00	0.0000
4.82	44.3	0.20	100.0	0.00	0.0000
5.27	40.5	0.20	100.0	0.00	0.0000
5.77	37.0	0.20	100.0	0.00	0.0000
6.31	33.8	0.20	100.0	0.00	0.0000
6.90	30.9	0.22	100.0	0.00	0.0000
7.55	28.3	0.22	100.0	0.00	0.0000
8.26	25.8	0.22	100.0	0.00	0.0000
9.04	23.6	0.22	100.0	0.00	0.0000
9.89	21.6	0.22	100.0	0.00	0.0000
10.8	19.8	0.22	100.0	0.00	0.0000
11.8	18.1	0.25	100.0	0.00	0.0000
12.9	16.5	0.25	100.0	0.00	0.0000
14.2	15.0	0.25	100.0	0.00	0.0000
15.5	13.8	0.25	100.0	0.00	0.0000
16.9	12.6	0.25	100.0	0.00	0.0000
18.5	11.5	0.25	100.0	0.00	0.0000
20.3	10.5	0.25	100.0	0.00	0.0000
22.2	9.61	0.27	100.0	0.00	0.0000
24.3	8.78	0.27	100.0	0.00	0.0000
26.6	8.02	0.27	100.0	0.00	0.0000
29.0	7.36	0.27	100.0	0.00	0.0000
31.8	6.71	0.29	100.0	0.00	0.0000
34.8	6.13	0.29	100.0	0.00	0.0000
38.0	5.61	0.29	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,704.5 feet
File 002-676

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.31	100.0	0.00	0.0000
45.5	4.69	0.31	100.0	0.00	0.0000
49.8	4.28	0.34	100.0	0.00	0.0000
54.5	3.91	0.34	100.0	0.00	0.0000
59.6	3.58	0.34	100.0	0.00	0.0000
65.2	3.27	0.34	100.0	0.00	0.0000
71.3	2.99	0.36	100.0	0.00	0.0000
78.0	2.73	0.36	100.0	0.00	0.0000
85.3	2.50	0.36	100.0	0.00	0.0000
93.4	2.28	0.38	100.0	0.00	0.0000
102	2.09	0.40	100.0	0.00	0.0000
112	1.90	0.42	100.0	0.00	0.0000
122	1.75	0.45	100.0	0.00	0.0000
134	1.59	0.56	99.4	0.56	0.0470
146	1.46	0.72	98.6	0.79	0.0658
160	1.33	1.41	95.1	3.50	0.2499
175	1.22	3.33	85.4	9.71	0.6471
191	1.12	6.24	70.8	14.67	0.9170
209	1.02	8.68	58.5	12.30	0.6835
229	0.932	10.53	49.1	9.37	0.4684
251	0.850	11.99	41.8	7.34	0.3335
274	0.779	13.15	35.9	5.87	0.2552
300	0.711	14.02	31.5	4.40	0.1693
328	0.650	14.74	27.9	3.61	0.1290
359	0.594	15.32	24.9	2.93	0.0947
393	0.543	15.83	22.3	2.60	0.0764
430	0.496	16.26	20.2	2.14	0.0580
470	0.454	16.62	18.4	1.81	0.0451
514	0.415	16.95	16.7	1.69	0.0385
563	0.379	17.24	15.2	1.47	0.0299
615	0.347	17.49	14.0	1.24	0.0239
673	0.317	17.71	12.9	1.13	0.0195
736	0.290	17.91	11.9	1.02	0.0161
806	0.265	18.09	10.9	0.90	0.0129
881	0.242	18.25	10.2	0.79	0.0105
964	0.221	18.38	9.5	0.68	0.0082
1050	0.203	18.52	8.8	0.68	0.0079
1150	0.186	18.63	8.2	0.56	0.0056
1260	0.169	18.72	7.8	0.45	0.0041
1380	0.155	18.83	7.2	0.56	0.0047
1510	0.141	18.92	6.8	0.45	0.0035
1650	0.129	18.99	6.4	0.34	0.0024

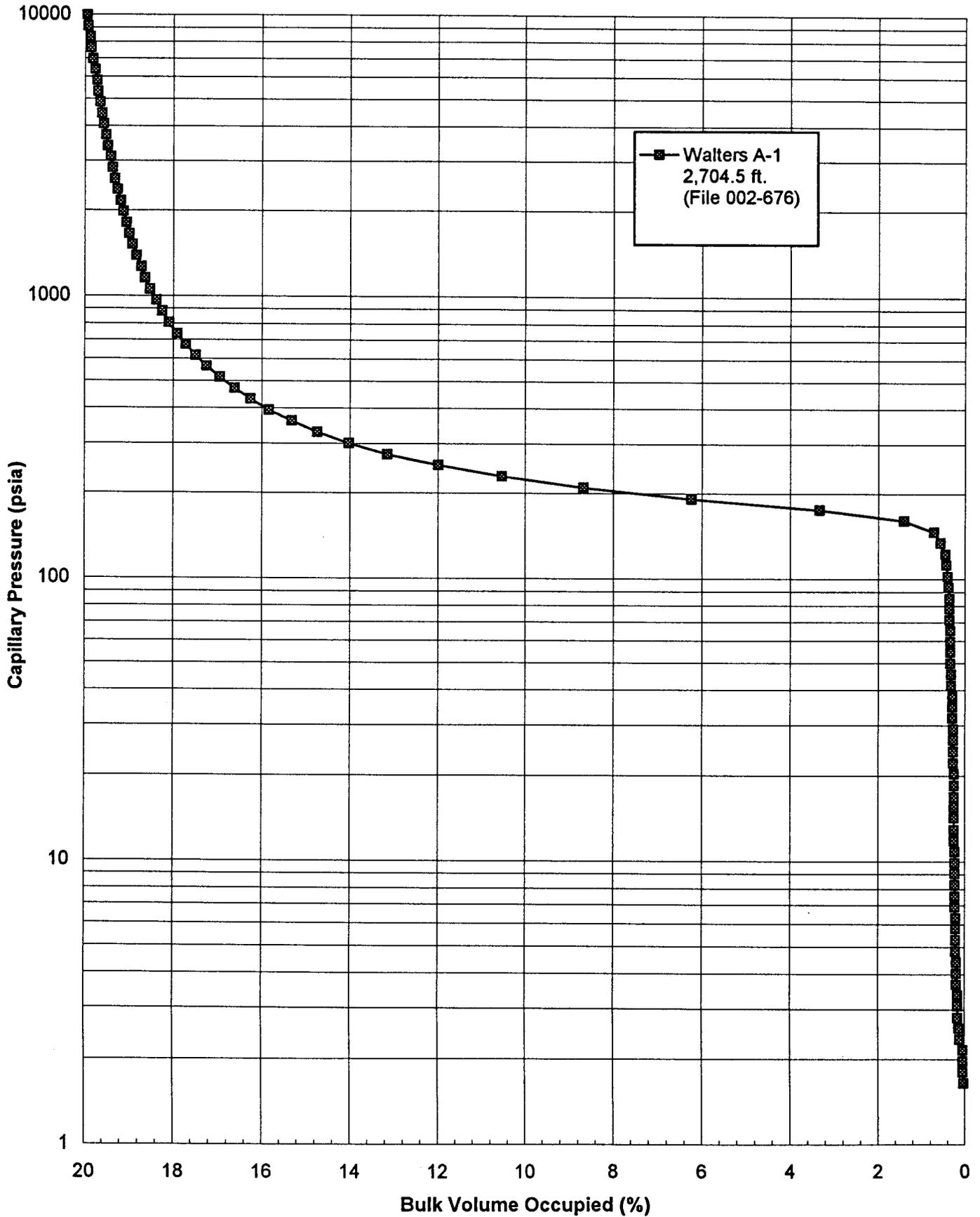
Mercury Injection Capillary Pressure

Walters A-1 : 2,704.5 feet

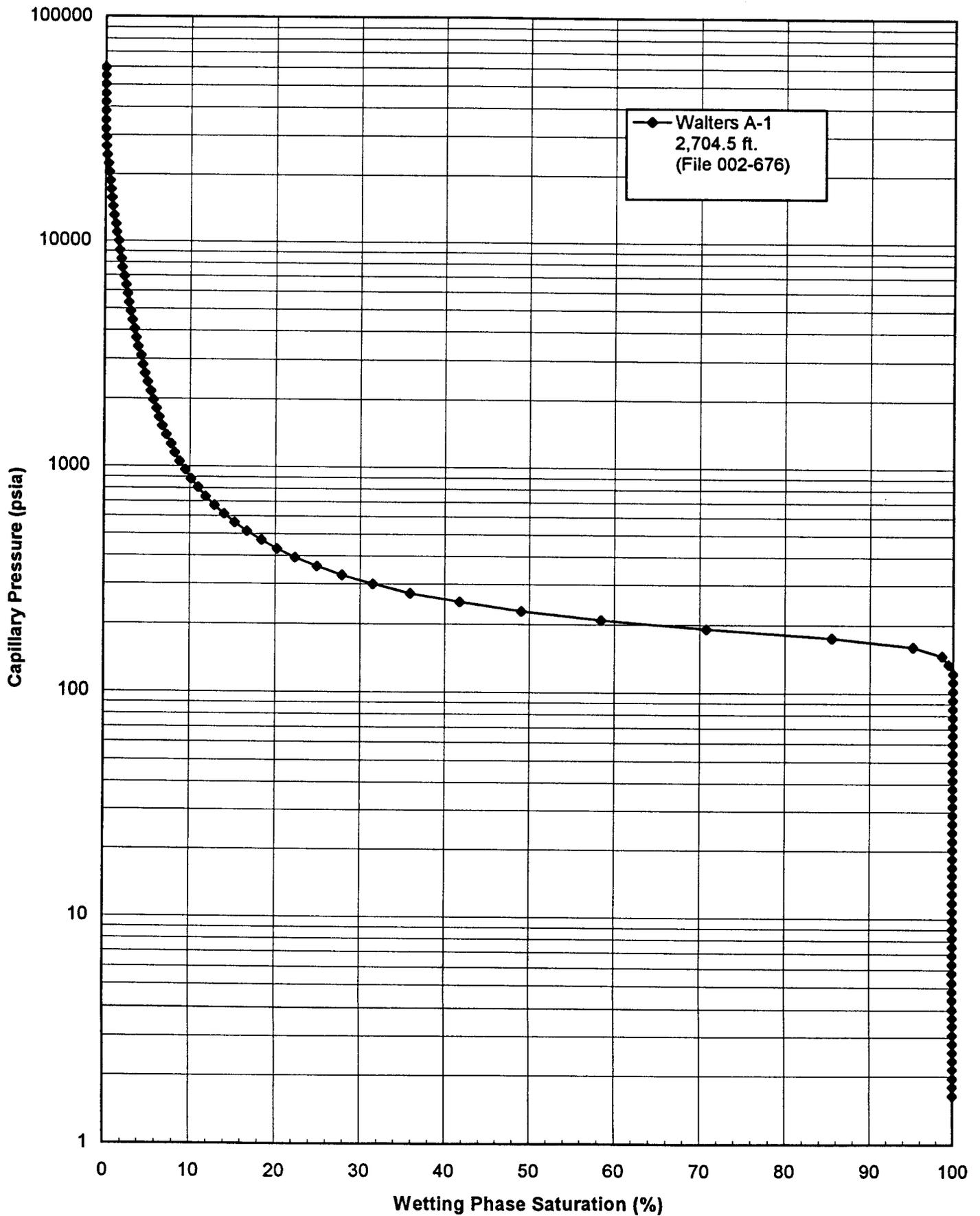
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Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	19.05	6.1	0.34	0.0021
1980	0.1077	19.12	5.8	0.34	0.0020
2160	0.0988	19.19	5.4	0.34	0.0019
2370	0.0900	19.25	5.1	0.34	0.0016
2590	0.0824	19.32	4.7	0.34	0.0015
2830	0.0754	19.37	4.5	0.23	0.0009
3100	0.0688	19.41	4.3	0.23	0.0008
3390	0.0629	19.48	4.0	0.34	0.0012
3710	0.0575	19.52	3.7	0.23	0.0007
4060	0.0525	19.57	3.5	0.23	0.0006
4440	0.0480	19.61	3.3	0.23	0.0006
4850	0.0440	19.66	3.0	0.23	0.0006
5310	0.0402	19.70	2.8	0.23	0.0005
5810	0.0367	19.72	2.7	0.11	0.0002
6360	0.0335	19.77	2.5	0.23	0.0004
6950	0.0307	19.81	2.3	0.23	0.0004
7610	0.0280	19.86	2.0	0.23	0.0003
8320	0.0256	19.88	1.9	0.11	0.0002
9100	0.0234	19.92	1.7	0.23	0.0003
9960	0.0214	19.95	1.6	0.11	0.0001
10900	0.0196	19.99	1.4	0.23	0.0002
11900	0.0179	20.01	1.2	0.11	0.0001
13000	0.0164	20.06	1.0	0.23	0.0002
14300	0.0149	20.08	0.9	0.11	0.0001
15600	0.0137	20.10	0.8	0.11	0.0001
17100	0.0125	20.13	0.7	0.11	0.0001
18700	0.0114	20.15	0.6	0.11	0.0001
20400	0.0105	20.17	0.5	0.11	0.0001
22300	0.0096	20.19	0.3	0.11	0.0001
24400	0.0087	20.22	0.2	0.11	0.0001
26700	0.0080	20.24	0.1	0.11	0.0000
29300	0.0073	20.24	0.1	0.00	0.0000
32000	0.0067	20.26	0.0	0.11	0.0000
35000	0.0061	20.26	0.0	0.00	0.0000
38300	0.0056	20.26	0.0	0.00	0.0000
41900	0.0051	20.26	0.0	0.00	0.0000
45800	0.0047	20.26	0.0	0.00	0.0000
50100	0.0043	20.26	0.0	0.00	0.0000
54800	0.0039	20.26	0.0	0.00	0.0000
59500	0.0036	20.26	0.0	0.00	0.0000

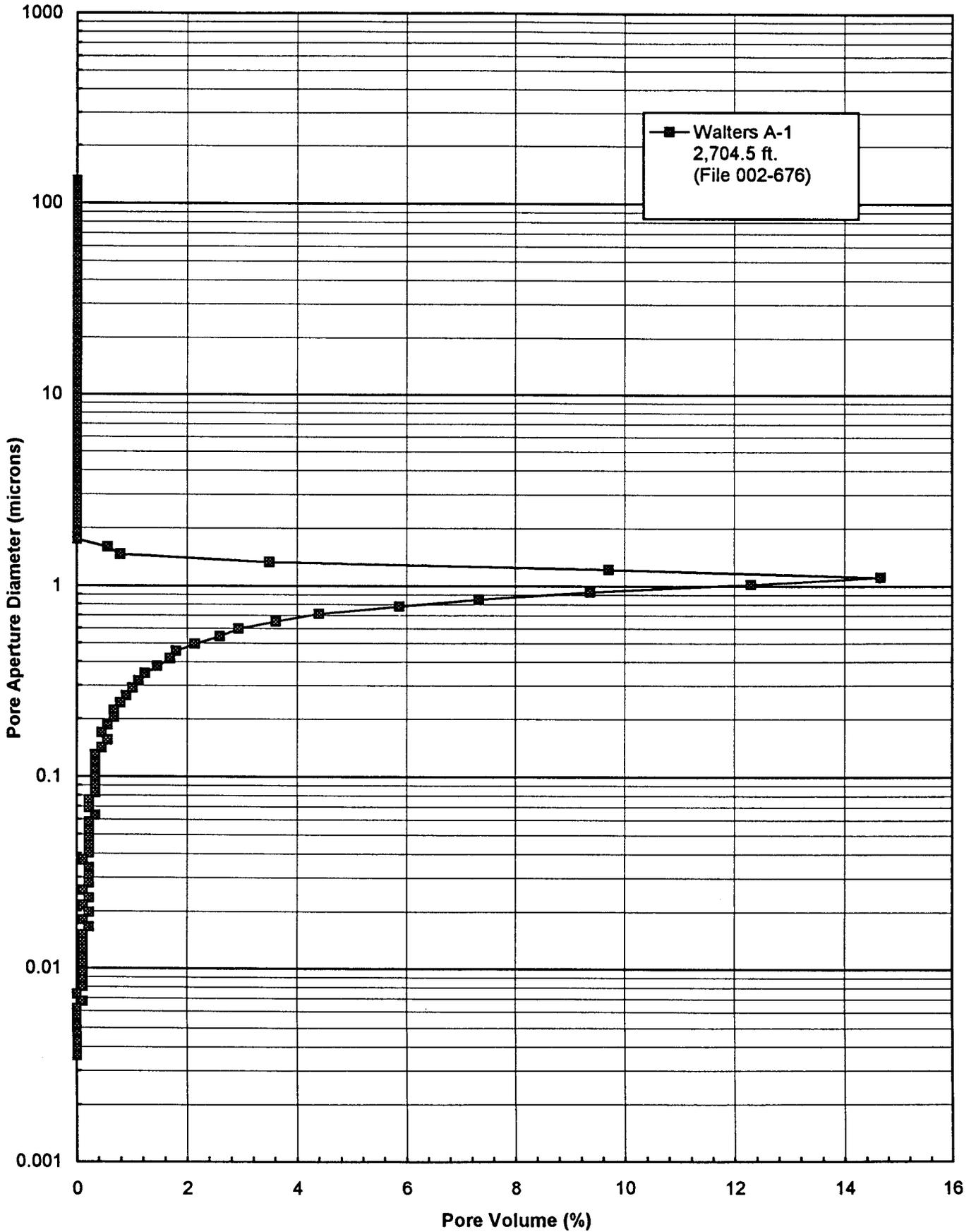
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,715.5 feet

File 002-674

Sample Information	
Bulk Volume = 12.4468 cc	Porosity = 15.0% (mercury)
Pore Volume = 1.8670 cc	Permeability = 2.534 md (mercury)
Closure = 0.37%BV @ 45.5 psia	Median Pore Aperture = 1.296 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.00	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.02	100.0	0.00	0.0000
2.15	99.2	0.02	100.0	0.00	0.0000
2.35	90.8	0.07	100.0	0.00	0.0000
2.57	83.0	0.09	100.0	0.00	0.0000
2.81	75.9	0.09	100.0	0.00	0.0000
3.08	69.3	0.12	100.0	0.00	0.0000
3.37	63.3	0.14	100.0	0.00	0.0000
3.68	58.0	0.14	100.0	0.00	0.0000
4.03	52.9	0.14	100.0	0.00	0.0000
4.41	48.4	0.14	100.0	0.00	0.0000
4.82	44.3	0.14	100.0	0.00	0.0000
5.27	40.5	0.16	100.0	0.00	0.0000
5.77	37.0	0.16	100.0	0.00	0.0000
6.31	33.8	0.16	100.0	0.00	0.0000
6.90	30.9	0.16	100.0	0.00	0.0000
7.55	28.3	0.16	100.0	0.00	0.0000
8.26	25.8	0.16	100.0	0.00	0.0000
9.04	23.6	0.18	100.0	0.00	0.0000
9.89	21.6	0.18	100.0	0.00	0.0000
10.8	19.8	0.18	100.0	0.00	0.0000
11.8	18.1	0.18	100.0	0.00	0.0000
12.9	16.5	0.18	100.0	0.00	0.0000
14.2	15.0	0.21	100.0	0.00	0.0000
15.5	13.8	0.21	100.0	0.00	0.0000
16.9	12.6	0.21	100.0	0.00	0.0000
18.5	11.5	0.21	100.0	0.00	0.0000
20.3	10.5	0.23	100.0	0.00	0.0000
22.2	9.61	0.23	100.0	0.00	0.0000
24.3	8.78	0.23	100.0	0.00	0.0000
26.6	8.02	0.25	100.0	0.00	0.0000
29.0	7.36	0.28	100.0	0.00	0.0000
31.8	6.71	0.28	100.0	0.00	0.0000
34.8	6.13	0.30	100.0	0.00	0.0000
38.0	5.61	0.30	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,715.5 feet
File 002-674

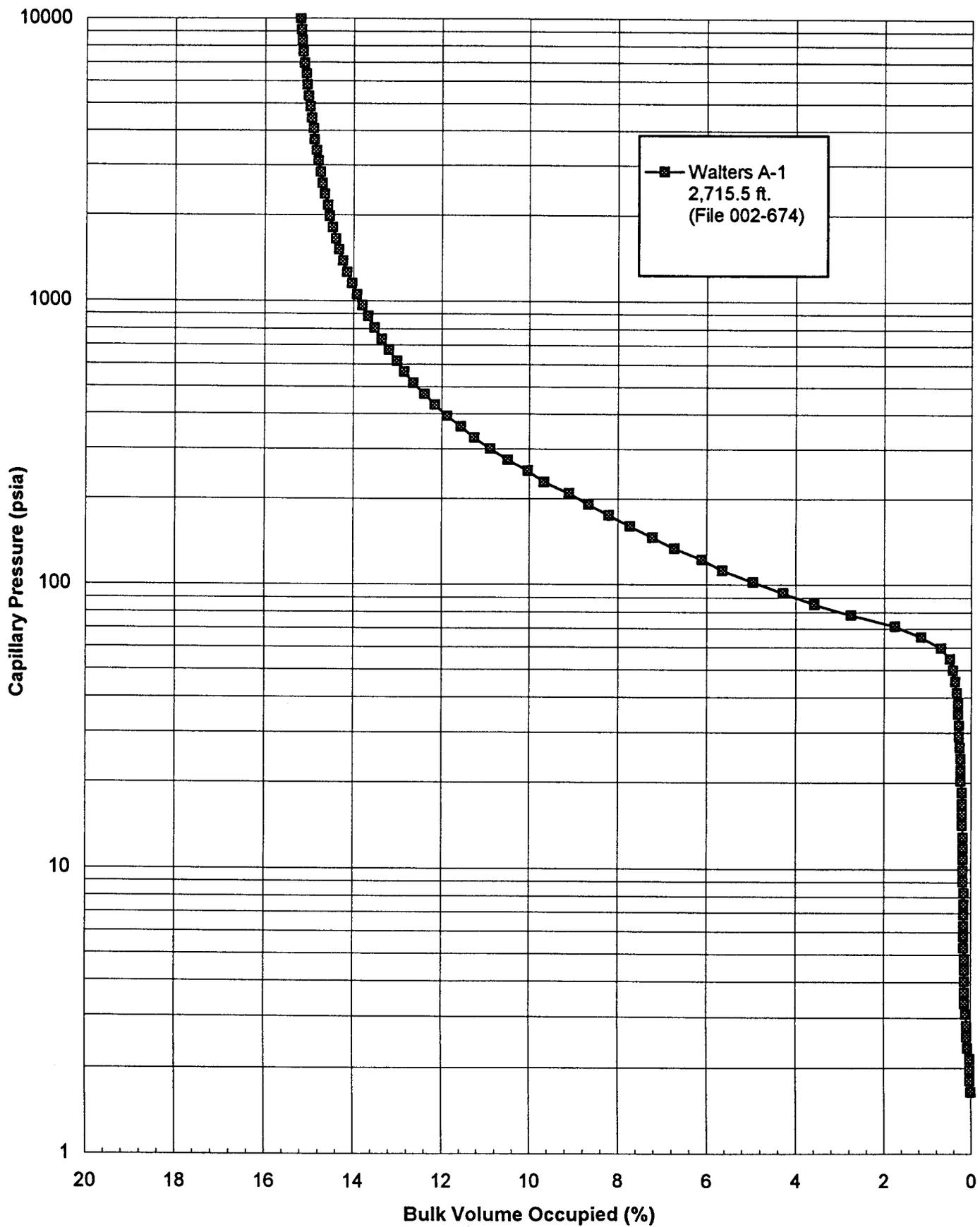
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.32	100.0	0.00	0.0000
45.5	4.69	0.37	100.0	0.00	0.0000
49.8	4.28	0.42	99.7	0.31	0.0717
54.5	3.91	0.49	99.2	0.46	0.0984
59.6	3.58	0.69	97.8	1.39	0.2719
65.2	3.27	1.16	94.8	3.08	0.5503
71.3	2.99	1.76	90.8	4.01	0.6567
78.0	2.73	2.75	84.1	6.63	0.9889
85.3	2.50	3.58	78.6	5.55	0.7599
93.4	2.28	4.28	74.0	4.62	0.5707
102	2.09	4.95	69.5	4.47	0.5196
112	1.90	5.64	64.9	4.62	0.4622
122	1.75	6.10	61.8	3.08	0.3082
134	1.59	6.73	57.6	4.16	0.3467
146	1.46	7.21	54.4	3.24	0.2696
160	1.33	7.72	51.0	3.39	0.2421
175	1.22	8.21	47.8	3.24	0.2157
191	1.12	8.67	44.7	3.08	0.1926
209	1.02	9.11	41.8	2.93	0.1626
229	0.932	9.66	38.1	3.70	0.1849
251	0.850	10.03	35.6	2.47	0.1121
274	0.779	10.49	32.5	3.08	0.1340
300	0.711	10.89	29.9	2.62	0.1007
328	0.650	11.26	27.4	2.47	0.0880
359	0.594	11.56	25.4	2.00	0.0646
393	0.543	11.88	23.3	2.16	0.0634
430	0.496	12.16	21.4	1.85	0.0500
470	0.454	12.39	19.9	1.54	0.0385
514	0.415	12.64	18.2	1.69	0.0385
563	0.379	12.85	16.8	1.39	0.0283
615	0.347	13.01	15.7	1.08	0.0207
673	0.317	13.20	14.5	1.23	0.0213
736	0.290	13.36	13.4	1.08	0.0171
806	0.265	13.52	12.3	1.08	0.0154
881	0.242	13.66	11.4	0.92	0.0123
964	0.221	13.80	10.5	0.92	0.0111
1050	0.203	13.91	9.7	0.77	0.0090
1150	0.186	14.03	8.9	0.77	0.0077
1260	0.169	14.15	8.2	0.77	0.0070
1380	0.155	14.24	7.6	0.62	0.0051
1510	0.141	14.33	6.9	0.62	0.0047
1650	0.129	14.40	6.5	0.46	0.0033

Mercury Injection Capillary Pressure

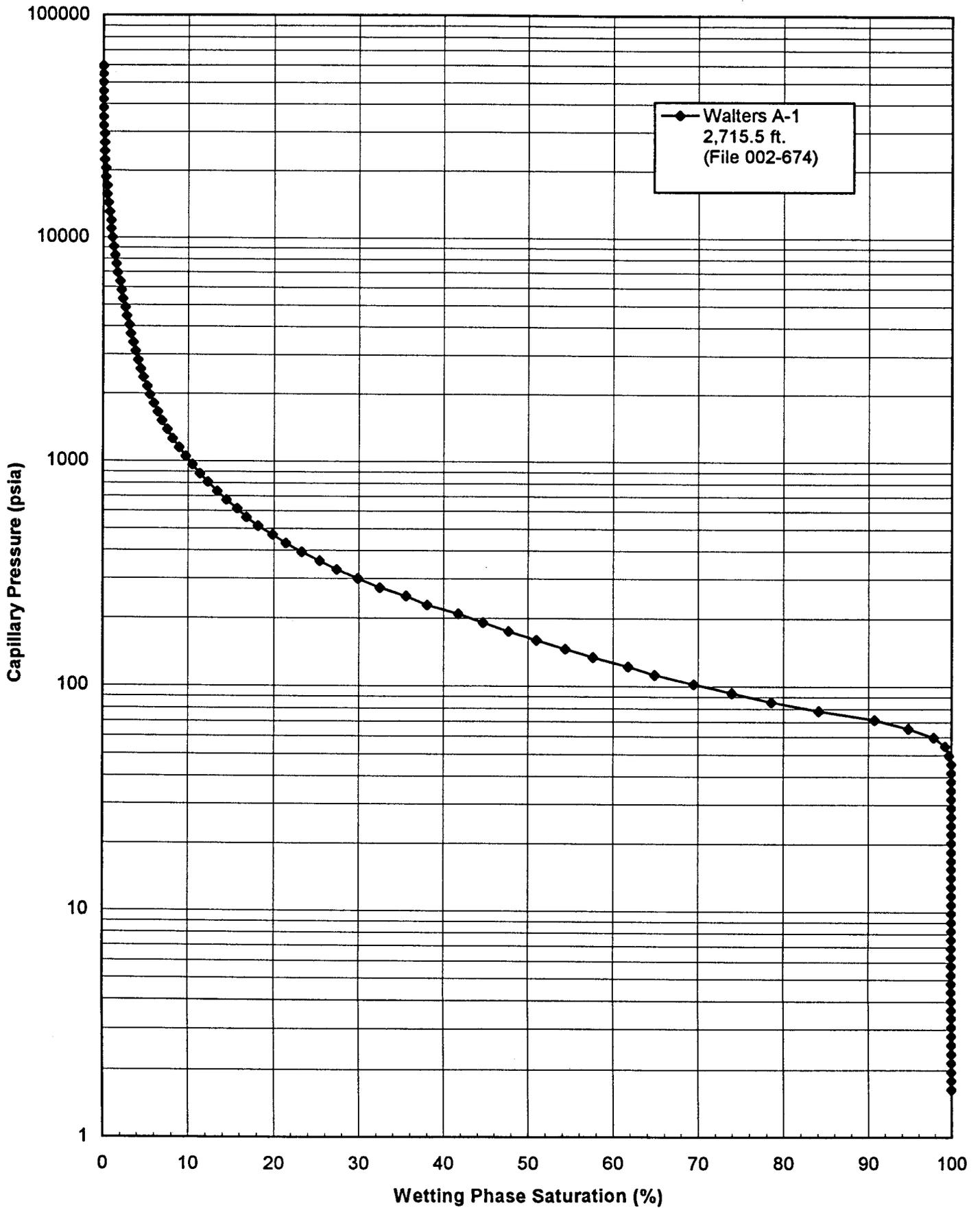
Walters A-1 : 2,715.5 feet
File 002-674

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	14.47	6.0	0.46	0.0029
1980	0.1077	14.54	5.5	0.46	0.0027
2160	0.0988	14.58	5.2	0.31	0.0017
2370	0.0900	14.65	4.8	0.46	0.0022
2590	0.0824	14.70	4.5	0.31	0.0014
2830	0.0754	14.75	4.2	0.31	0.0013
3100	0.0688	14.79	3.9	0.31	0.0011
3390	0.0629	14.84	3.5	0.31	0.0011
3710	0.0575	14.88	3.2	0.31	0.0010
4060	0.0525	14.91	3.1	0.15	0.0004
4440	0.0480	14.95	2.8	0.31	0.0008
4850	0.0440	14.98	2.6	0.15	0.0004
5310	0.0402	15.02	2.3	0.31	0.0007
5810	0.0367	15.05	2.2	0.15	0.0003
6360	0.0335	15.07	2.0	0.15	0.0003
6950	0.0307	15.12	1.7	0.31	0.0005
7610	0.0280	15.14	1.5	0.15	0.0002
8320	0.0256	15.16	1.4	0.15	0.0002
9100	0.0234	15.19	1.2	0.15	0.0002
9960	0.0214	15.21	1.1	0.15	0.0002
10900	0.0196	15.23	0.9	0.15	0.0002
11900	0.0179	15.23	0.9	0.00	0.0000
13000	0.0164	15.25	0.8	0.15	0.0001
14300	0.0149	15.28	0.6	0.15	0.0001
15600	0.0137	15.30	0.5	0.15	0.0001
17100	0.0125	15.30	0.5	0.00	0.0000
18700	0.0114	15.32	0.3	0.15	0.0001
20400	0.0105	15.32	0.3	0.00	0.0000
22300	0.0096	15.35	0.2	0.15	0.0001
24400	0.0087	15.35	0.2	0.00	0.0000
26700	0.0080	15.35	0.2	0.00	0.0000
29300	0.0073	15.35	0.2	0.00	0.0000
32000	0.0067	15.37	0.0	0.15	0.0001
35000	0.0061	15.37	0.0	0.00	0.0000
38300	0.0056	15.37	0.0	0.00	0.0000
41900	0.0051	15.37	0.0	0.00	0.0000
45800	0.0047	15.37	0.0	0.00	0.0000
50100	0.0043	15.37	0.0	0.00	0.0000
54800	0.0039	15.37	0.0	0.00	0.0000
59500	0.0036	15.37	0.0	0.00	0.0000

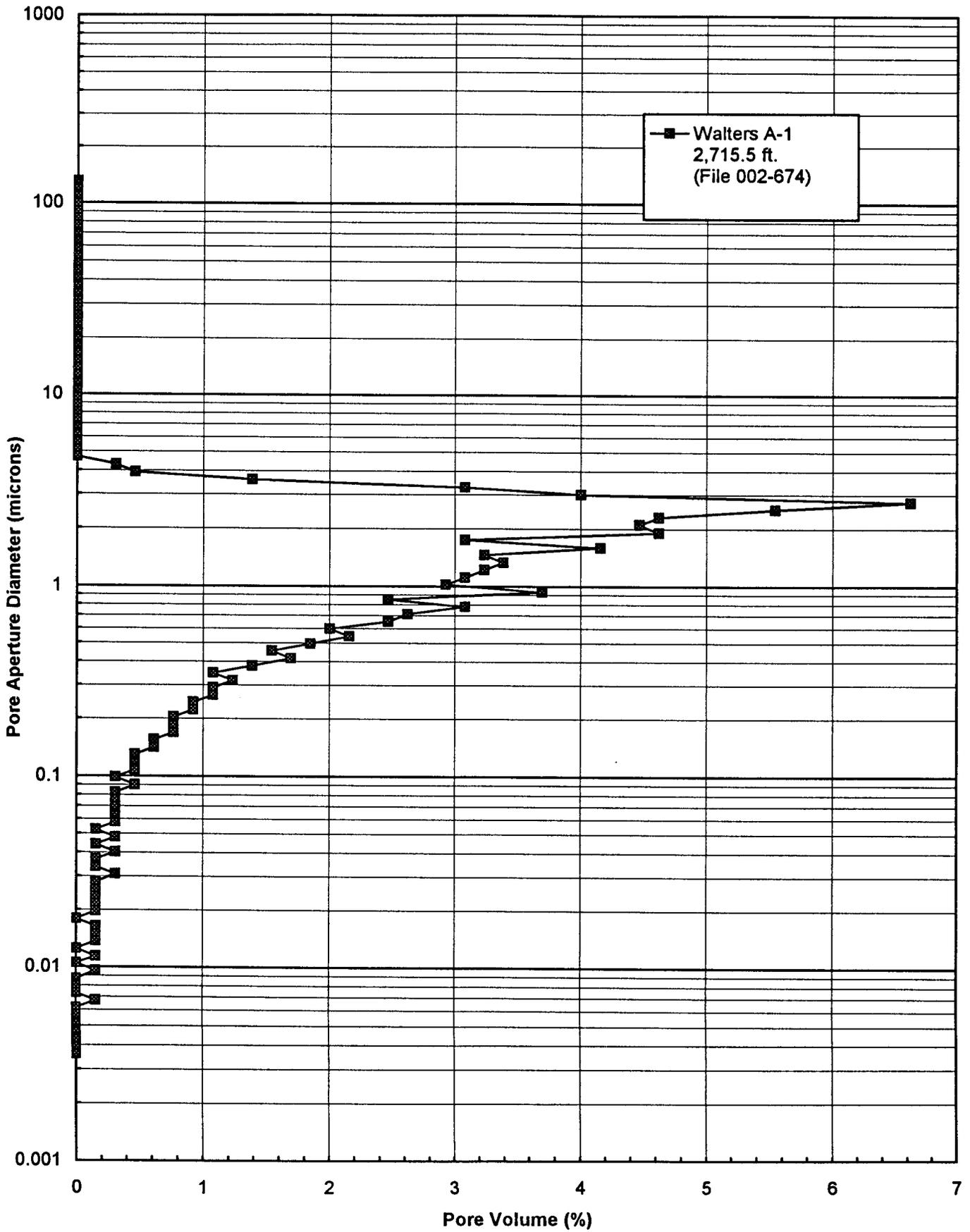
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,725.0 feet

File 002-681

Sample Information	
Bulk Volume = 12.6265 cc	Porosity = 13.5% (mercury)
Pore Volume = 1.7037 cc	Permeability = 2.216 md (mercury)
Closure = 0.45%BV @ 45.5 psia	Median Pore Aperture = 1.36 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.07	100.0	0.00	0.0000
2.35	90.8	0.10	100.0	0.00	0.0000
2.57	83.0	0.12	100.0	0.00	0.0000
2.81	75.9	0.14	100.0	0.00	0.0000
3.08	69.3	0.14	100.0	0.00	0.0000
3.37	63.3	0.14	100.0	0.00	0.0000
3.68	58.0	0.14	100.0	0.00	0.0000
4.03	52.9	0.17	100.0	0.00	0.0000
4.41	48.4	0.17	100.0	0.00	0.0000
4.82	44.3	0.17	100.0	0.00	0.0000
5.27	40.5	0.17	100.0	0.00	0.0000
5.77	37.0	0.19	100.0	0.00	0.0000
6.31	33.8	0.19	100.0	0.00	0.0000
6.90	30.9	0.19	100.0	0.00	0.0000
7.55	28.3	0.19	100.0	0.00	0.0000
8.26	25.8	0.19	100.0	0.00	0.0000
9.04	23.6	0.19	100.0	0.00	0.0000
9.89	21.6	0.19	100.0	0.00	0.0000
10.8	19.8	0.22	100.0	0.00	0.0000
11.8	18.1	0.22	100.0	0.00	0.0000
12.9	16.5	0.22	100.0	0.00	0.0000
14.2	15.0	0.22	100.0	0.00	0.0000
15.5	13.8	0.22	100.0	0.00	0.0000
16.9	12.6	0.24	100.0	0.00	0.0000
18.5	11.5	0.24	100.0	0.00	0.0000
20.3	10.5	0.24	100.0	0.00	0.0000
22.2	9.61	0.24	100.0	0.00	0.0000
24.3	8.78	0.26	100.0	0.00	0.0000
26.6	8.02	0.26	100.0	0.00	0.0000
29.0	7.36	0.29	100.0	0.00	0.0000
31.8	6.71	0.29	100.0	0.00	0.0000
34.8	6.13	0.31	100.0	0.00	0.0000
38.0	5.61	0.31	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,725.0 feet
File 002-681

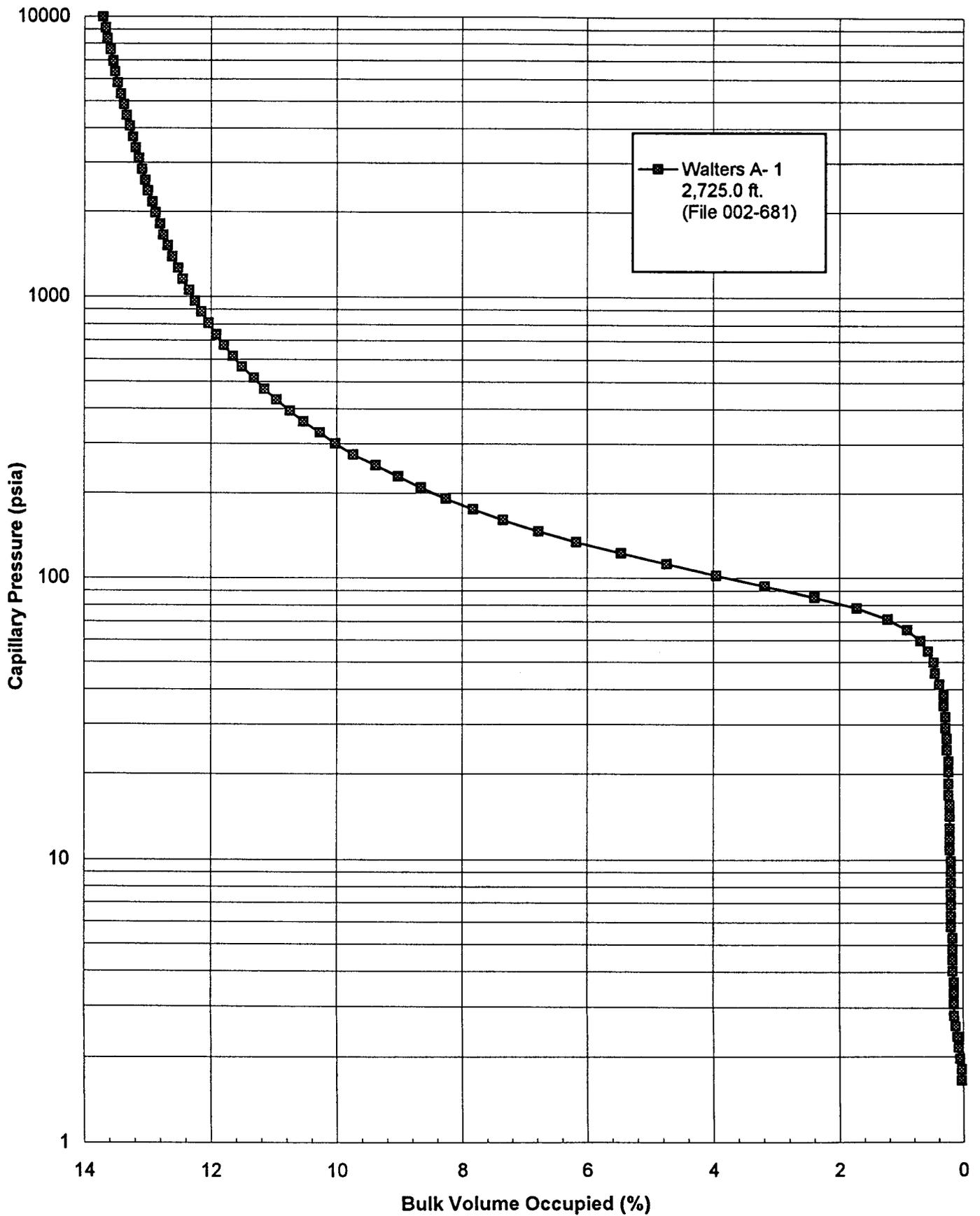
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.38	100.0	0.00	0.0000
45.5	4.69	0.45	100.0	0.00	0.0000
49.8	4.28	0.48	99.8	0.18	0.0412
54.5	3.91	0.57	99.1	0.71	0.1509
59.6	3.58	0.69	98.2	0.89	0.1738
65.2	3.27	0.91	96.6	1.60	0.2850
71.3	2.99	1.22	94.3	2.30	0.3779
78.0	2.73	1.72	90.6	3.72	0.5557
85.3	2.50	2.39	85.6	4.96	0.6801
93.4	2.28	3.18	79.8	5.85	0.7224
102	2.09	3.95	74.1	5.67	0.6597
112	1.90	4.74	68.3	5.85	0.5851
122	1.75	5.45	62.9	5.32	0.5319
134	1.59	6.17	57.6	5.32	0.4433
146	1.46	6.77	53.2	4.43	0.3694
160	1.33	7.34	48.9	4.26	0.3040
175	1.22	7.82	45.4	3.55	0.2364
191	1.12	8.25	42.2	3.19	0.1995
209	1.02	8.66	39.2	3.01	0.1675
229	0.932	9.02	36.5	2.66	0.1330
251	0.850	9.38	33.9	2.66	0.1209
274	0.779	9.74	31.2	2.66	0.1156
300	0.711	10.02	29.1	2.13	0.0818
328	0.650	10.26	27.3	1.77	0.0633
359	0.594	10.53	25.4	1.95	0.0629
393	0.543	10.74	23.8	1.60	0.0469
430	0.496	10.96	22.2	1.60	0.0431
470	0.454	11.15	20.7	1.42	0.0355
514	0.415	11.32	19.5	1.24	0.0282
563	0.379	11.51	18.1	1.42	0.0289
615	0.347	11.65	17.0	1.06	0.0205
673	0.317	11.79	16.0	1.06	0.0183
736	0.290	11.91	15.1	0.89	0.0141
806	0.265	12.03	14.2	0.89	0.0127
881	0.242	12.15	13.3	0.89	0.0118
964	0.221	12.25	12.6	0.71	0.0085
1050	0.203	12.34	11.9	0.71	0.0082
1150	0.186	12.44	11.2	0.71	0.0071
1260	0.169	12.51	10.6	0.53	0.0048
1380	0.155	12.61	9.9	0.71	0.0059
1510	0.141	12.68	9.4	0.53	0.0041
1650	0.129	12.75	8.9	0.53	0.0038

Mercury Injection Capillary Pressure

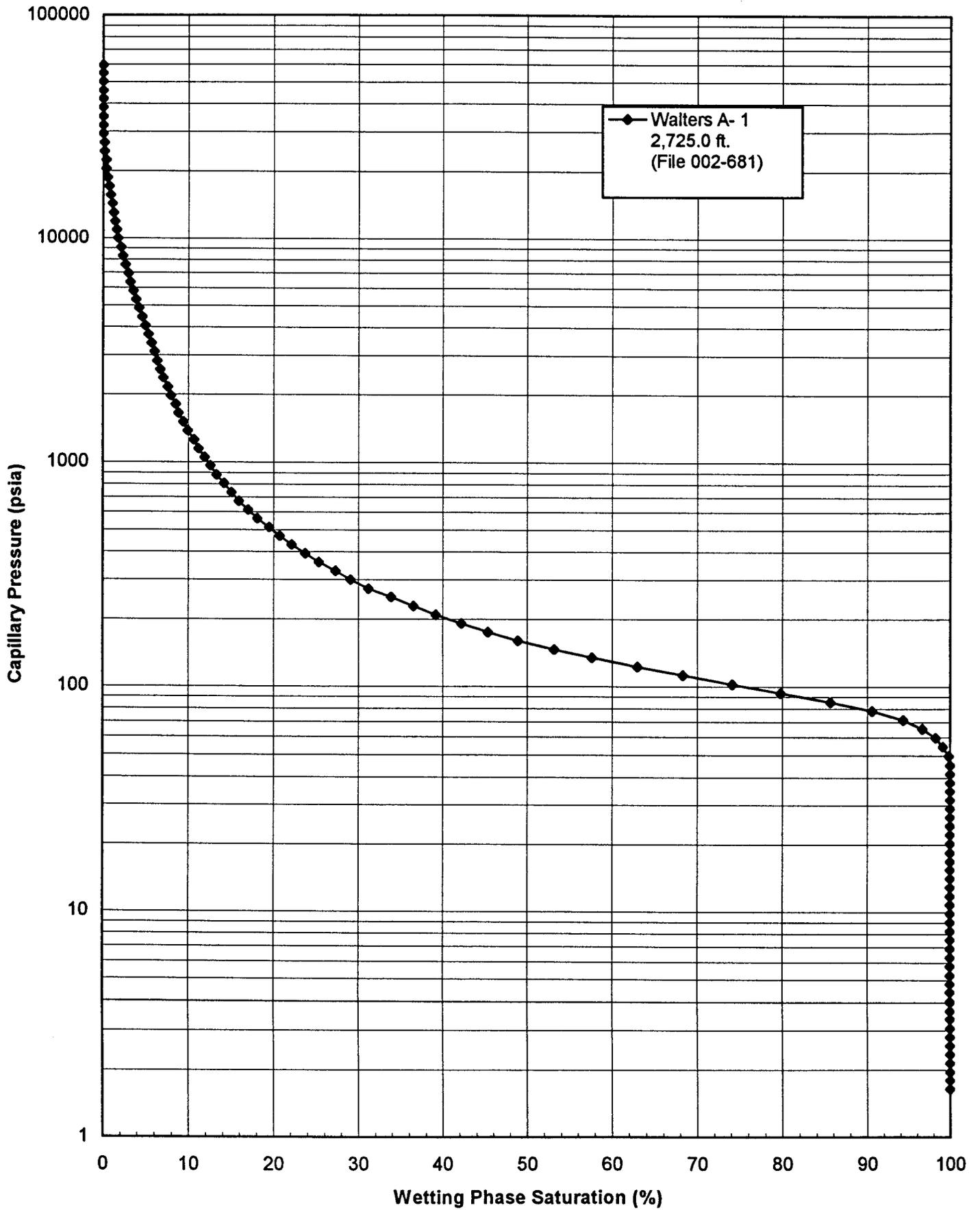
Walters A-1 : 2,725.0 feet
File 002-681

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	12.80	8.5	0.35	0.0022
1980	0.1077	12.87	8.0	0.53	0.0031
2160	0.0988	12.92	7.6	0.35	0.0020
2370	0.0900	12.99	7.1	0.53	0.0025
2590	0.0824	13.04	6.7	0.35	0.0016
2830	0.0754	13.09	6.4	0.35	0.0015
3100	0.0688	13.13	6.0	0.35	0.0013
3390	0.0629	13.18	5.7	0.35	0.0012
3710	0.0575	13.23	5.3	0.35	0.0011
4060	0.0525	13.28	5.0	0.35	0.0010
4440	0.0480	13.33	4.6	0.35	0.0009
4850	0.0440	13.37	4.3	0.35	0.0009
5310	0.0402	13.42	3.9	0.35	0.0008
5810	0.0367	13.47	3.5	0.35	0.0007
6360	0.0335	13.52	3.2	0.35	0.0006
6950	0.0307	13.54	3.0	0.18	0.0003
7610	0.0280	13.59	2.7	0.35	0.0005
8320	0.0256	13.64	2.3	0.35	0.0005
9100	0.0234	13.66	2.1	0.18	0.0002
9960	0.0214	13.71	1.8	0.35	0.0004
10900	0.0196	13.73	1.6	0.18	0.0002
11900	0.0179	13.76	1.4	0.18	0.0002
13000	0.0164	13.78	1.2	0.18	0.0002
14300	0.0149	13.80	1.1	0.18	0.0001
15600	0.0137	13.83	0.9	0.18	0.0001
17100	0.0125	13.85	0.7	0.18	0.0001
18700	0.0114	13.88	0.5	0.18	0.0001
20400	0.0105	13.90	0.4	0.18	0.0001
22300	0.0096	13.90	0.4	0.00	0.0000
24400	0.0087	13.92	0.2	0.18	0.0001
26700	0.0080	13.92	0.2	0.00	0.0000
29300	0.0073	13.95	0.0	0.18	0.0001
32000	0.0067	13.95	0.0	0.00	0.0000
35000	0.0061	13.95	0.0	0.00	0.0000
38300	0.0056	13.95	0.0	0.00	0.0000
41900	0.0051	13.95	0.0	0.00	0.0000
45800	0.0047	13.95	0.0	0.00	0.0000
50100	0.0043	13.95	0.0	0.00	0.0000
54800	0.0039	13.95	0.0	0.00	0.0000
59500	0.0036	13.95	0.0	0.00	0.0000

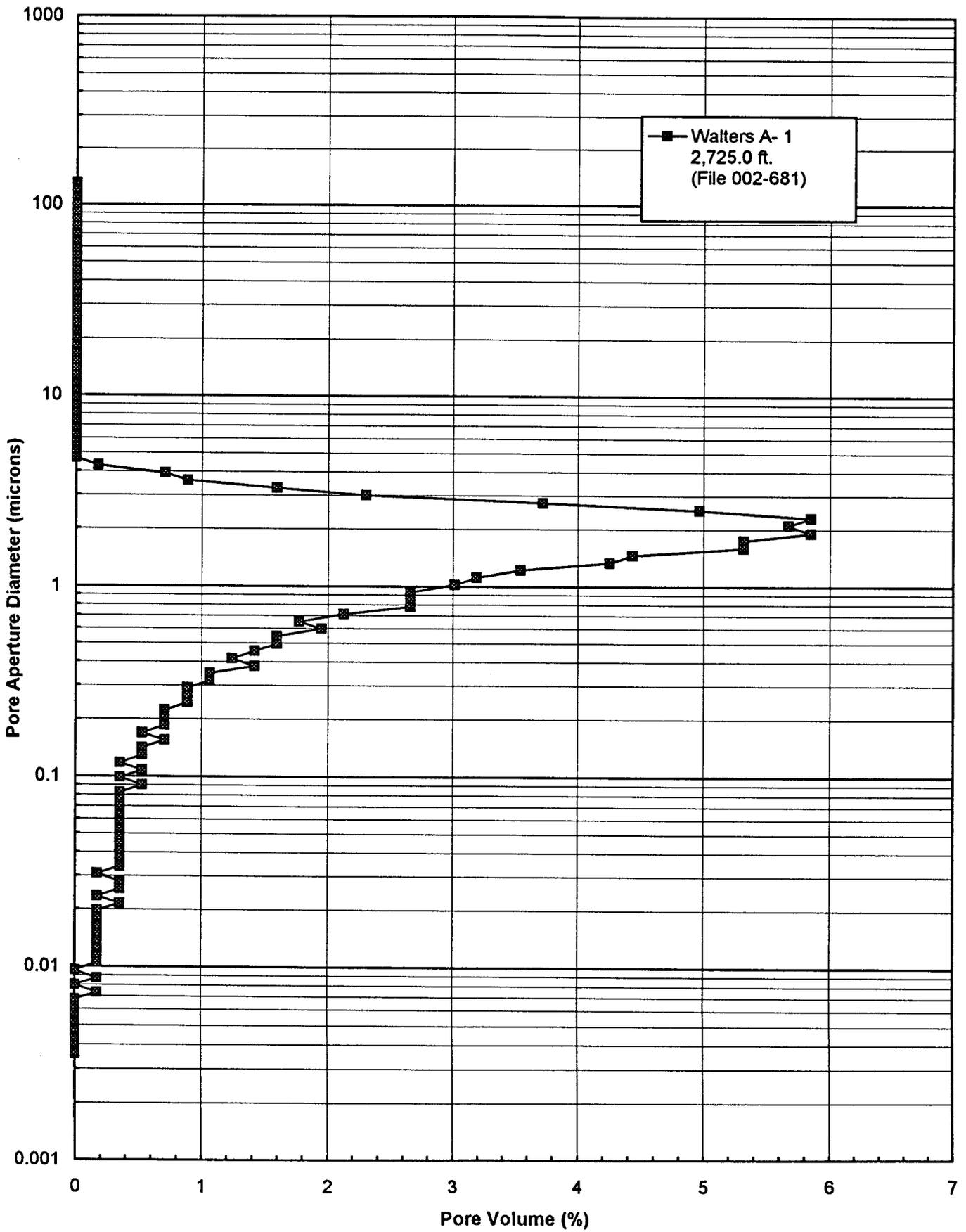
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,745.8 feet

File 002-679

Sample Information	
Bulk Volume = 12.4675 cc	Porosity = 17.2% (mercury)
Pore Volume = 2.1481 cc	Permeability = 2.456 md (mercury)
Closure = 0.37%BV @ 71.3 psia	Median Pore Aperture = 1.17 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.05	100.0	0.00	0.0000
1.80	119	0.07	100.0	0.00	0.0000
1.96	109	0.07	100.0	0.00	0.0000
2.15	99.2	0.07	100.0	0.00	0.0000
2.35	90.8	0.09	100.0	0.00	0.0000
2.57	83.0	0.09	100.0	0.00	0.0000
2.81	75.9	0.11	100.0	0.00	0.0000
3.08	69.3	0.11	100.0	0.00	0.0000
3.37	63.3	0.11	100.0	0.00	0.0000
3.68	58.0	0.14	100.0	0.00	0.0000
4.03	52.9	0.16	100.0	0.00	0.0000
4.41	48.4	0.16	100.0	0.00	0.0000
4.82	44.3	0.16	100.0	0.00	0.0000
5.27	40.5	0.16	100.0	0.00	0.0000
5.77	37.0	0.16	100.0	0.00	0.0000
6.31	33.8	0.18	100.0	0.00	0.0000
6.90	30.9	0.18	100.0	0.00	0.0000
7.55	28.3	0.18	100.0	0.00	0.0000
8.26	25.8	0.18	100.0	0.00	0.0000
9.04	23.6	0.18	100.0	0.00	0.0000
9.89	21.6	0.21	100.0	0.00	0.0000
10.8	19.8	0.21	100.0	0.00	0.0000
11.8	18.1	0.21	100.0	0.00	0.0000
12.9	16.5	0.21	100.0	0.00	0.0000
14.2	15.0	0.21	100.0	0.00	0.0000
15.5	13.8	0.23	100.0	0.00	0.0000
16.9	12.6	0.23	100.0	0.00	0.0000
18.5	11.5	0.23	100.0	0.00	0.0000
20.3	10.5	0.23	100.0	0.00	0.0000
22.2	9.61	0.23	100.0	0.00	0.0000
24.3	8.78	0.23	100.0	0.00	0.0000
26.6	8.02	0.23	100.0	0.00	0.0000
29.0	7.36	0.25	100.0	0.00	0.0000
31.8	6.71	0.25	100.0	0.00	0.0000
34.8	6.13	0.25	100.0	0.00	0.0000
38.0	5.61	0.25	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,745.8 feet
File 002-679

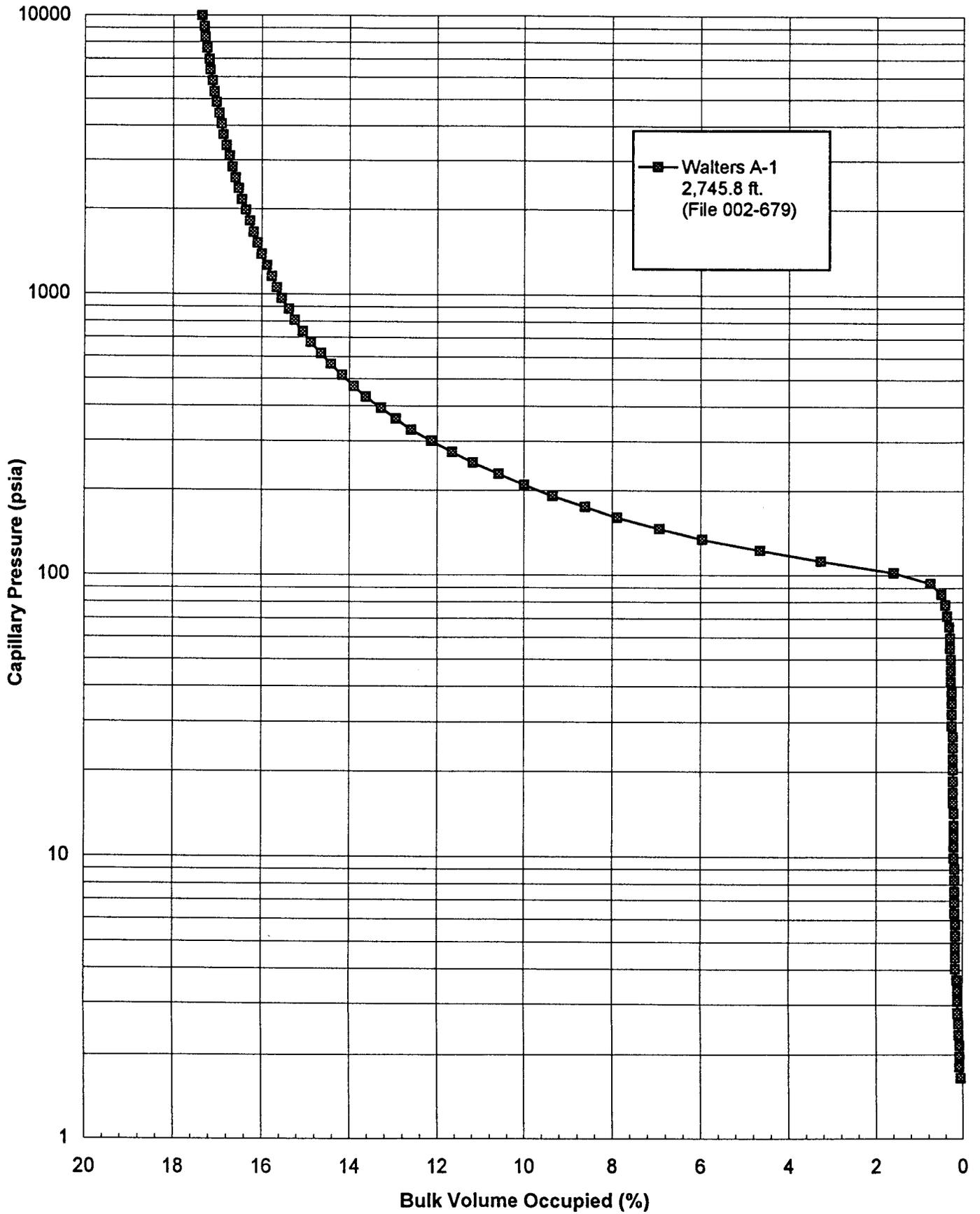
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.27	100.0	0.00	0.0000
45.5	4.69	0.27	100.0	0.00	0.0000
49.8	4.28	0.27	100.0	0.00	0.0000
54.5	3.91	0.30	100.0	0.00	0.0000
59.6	3.58	0.30	100.0	0.00	0.0000
65.2	3.27	0.32	100.0	0.00	0.0000
71.3	2.99	0.37	100.0	0.00	0.0000
78.0	2.73	0.41	99.7	0.27	0.0396
85.3	2.50	0.50	99.2	0.53	0.0727
93.4	2.28	0.75	97.7	1.46	0.1801
102	2.09	1.60	92.8	4.91	0.5706
112	1.90	3.27	83.2	9.68	0.9682
122	1.75	4.64	75.2	7.96	0.7958
134	1.59	5.96	67.5	7.69	0.6410
146	1.46	6.92	61.9	5.57	0.4642
160	1.33	7.88	56.4	5.57	0.3979
175	1.22	8.61	52.1	4.24	0.2829
191	1.12	9.35	47.9	4.24	0.2653
209	1.02	9.99	44.2	3.71	0.2063
229	0.932	10.58	40.7	3.45	0.1724
251	0.850	11.17	37.3	3.45	0.1567
274	0.779	11.65	34.5	2.79	0.1211
300	0.711	12.13	31.7	2.79	0.1071
328	0.650	12.59	29.0	2.65	0.0947
359	0.594	12.93	27.1	1.99	0.0642
393	0.543	13.28	25.1	1.99	0.0585
430	0.496	13.62	23.1	1.99	0.0538
470	0.454	13.89	21.5	1.59	0.0398
514	0.415	14.17	19.9	1.59	0.0362
563	0.379	14.42	18.4	1.46	0.0298
615	0.347	14.65	17.1	1.33	0.0255
673	0.317	14.88	15.8	1.33	0.0229
736	0.290	15.06	14.7	1.06	0.0168
806	0.265	15.24	13.7	1.06	0.0152
881	0.242	15.38	12.9	0.80	0.0106
964	0.221	15.54	11.9	0.93	0.0112
1050	0.203	15.65	11.3	0.66	0.0077
1150	0.186	15.77	10.6	0.66	0.0066
1260	0.169	15.88	9.9	0.66	0.0060
1380	0.155	16.00	9.3	0.66	0.0055
1510	0.141	16.09	8.8	0.53	0.0041
1650	0.129	16.18	8.2	0.53	0.0038

Mercury Injection Capillary Pressure

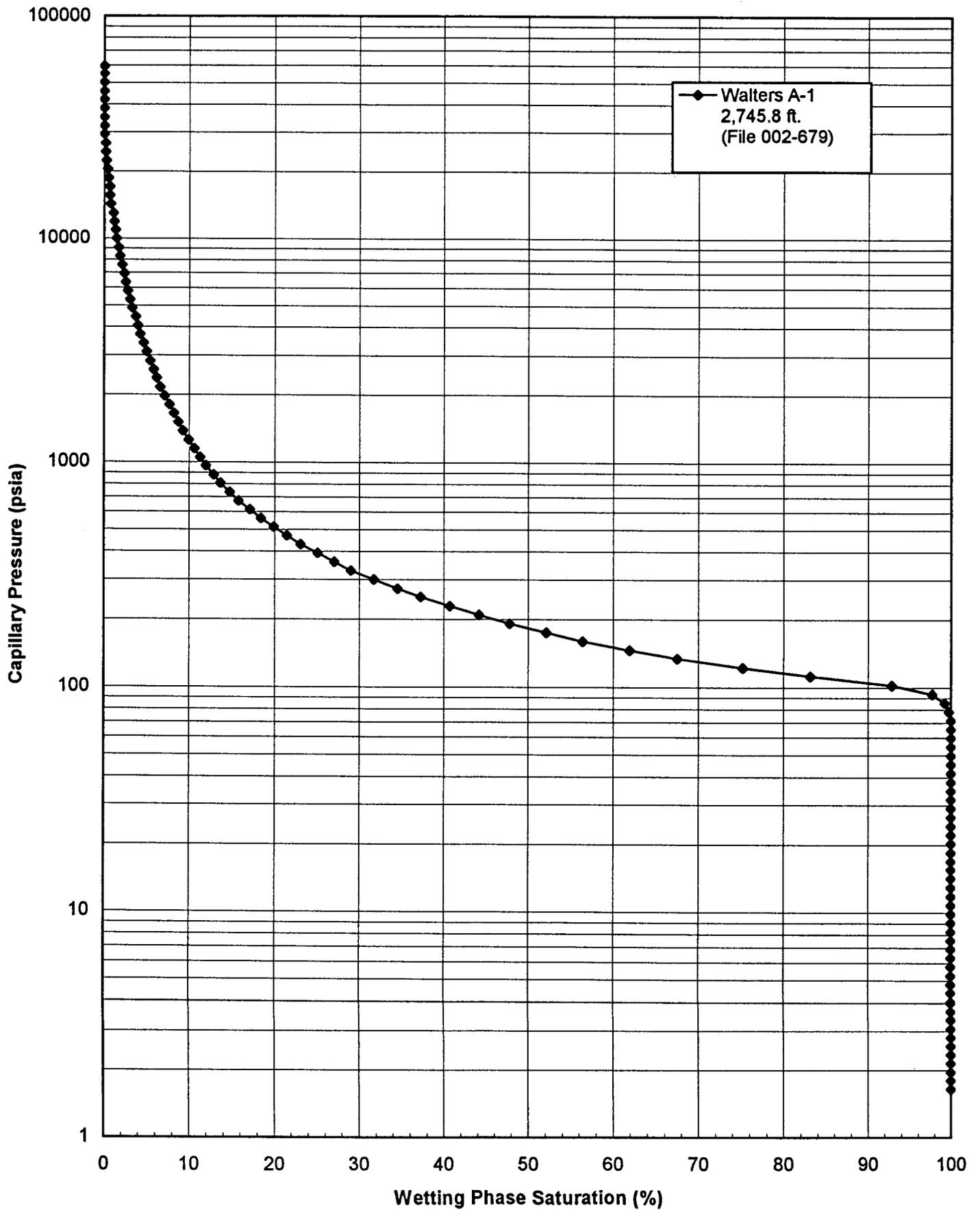
Walters A-1 : 2,745.8 feet
File 002-679

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	16.27	7.7	0.53	0.0033
1980	0.1077	16.36	7.2	0.53	0.0031
2160	0.0988	16.45	6.6	0.53	0.0029
2370	0.0900	16.52	6.2	0.40	0.0019
2590	0.0824	16.59	5.8	0.40	0.0018
2830	0.0754	16.66	5.4	0.40	0.0017
3100	0.0688	16.73	5.0	0.40	0.0015
3390	0.0629	16.80	4.6	0.40	0.0014
3710	0.0575	16.86	4.2	0.40	0.0012
4060	0.0525	16.91	4.0	0.27	0.0008
4440	0.0480	16.96	3.7	0.27	0.0007
4850	0.0440	17.02	3.3	0.40	0.0010
5310	0.0402	17.07	3.1	0.27	0.0006
5810	0.0367	17.12	2.8	0.27	0.0005
6360	0.0335	17.16	2.5	0.27	0.0005
6950	0.0307	17.18	2.4	0.13	0.0002
7610	0.0280	17.23	2.1	0.27	0.0004
8320	0.0256	17.28	1.9	0.27	0.0004
9100	0.0234	17.30	1.7	0.13	0.0002
9960	0.0214	17.34	1.5	0.27	0.0003
10900	0.0196	17.37	1.3	0.13	0.0001
11900	0.0179	17.39	1.2	0.13	0.0001
13000	0.0164	17.41	1.1	0.13	0.0001
14300	0.0149	17.46	0.8	0.27	0.0002
15600	0.0137	17.48	0.7	0.13	0.0001
17100	0.0125	17.48	0.7	0.00	0.0000
18700	0.0114	17.50	0.5	0.13	0.0001
20400	0.0105	17.53	0.4	0.13	0.0001
22300	0.0096	17.55	0.3	0.13	0.0001
24400	0.0087	17.57	0.1	0.13	0.0001
26700	0.0080	17.57	0.1	0.00	0.0000
29300	0.0073	17.60	0.0	0.13	0.0001
32000	0.0067	17.60	0.0	0.00	0.0000
35000	0.0061	17.60	0.0	0.00	0.0000
38300	0.0056	17.60	0.0	0.00	0.0000
41900	0.0051	17.60	0.0	0.00	0.0000
45800	0.0047	17.60	0.0	0.00	0.0000
50100	0.0043	17.60	0.0	0.00	0.0000
54800	0.0039	17.60	0.0	0.00	0.0000
59500	0.0036	17.60	0.0	0.00	0.0000

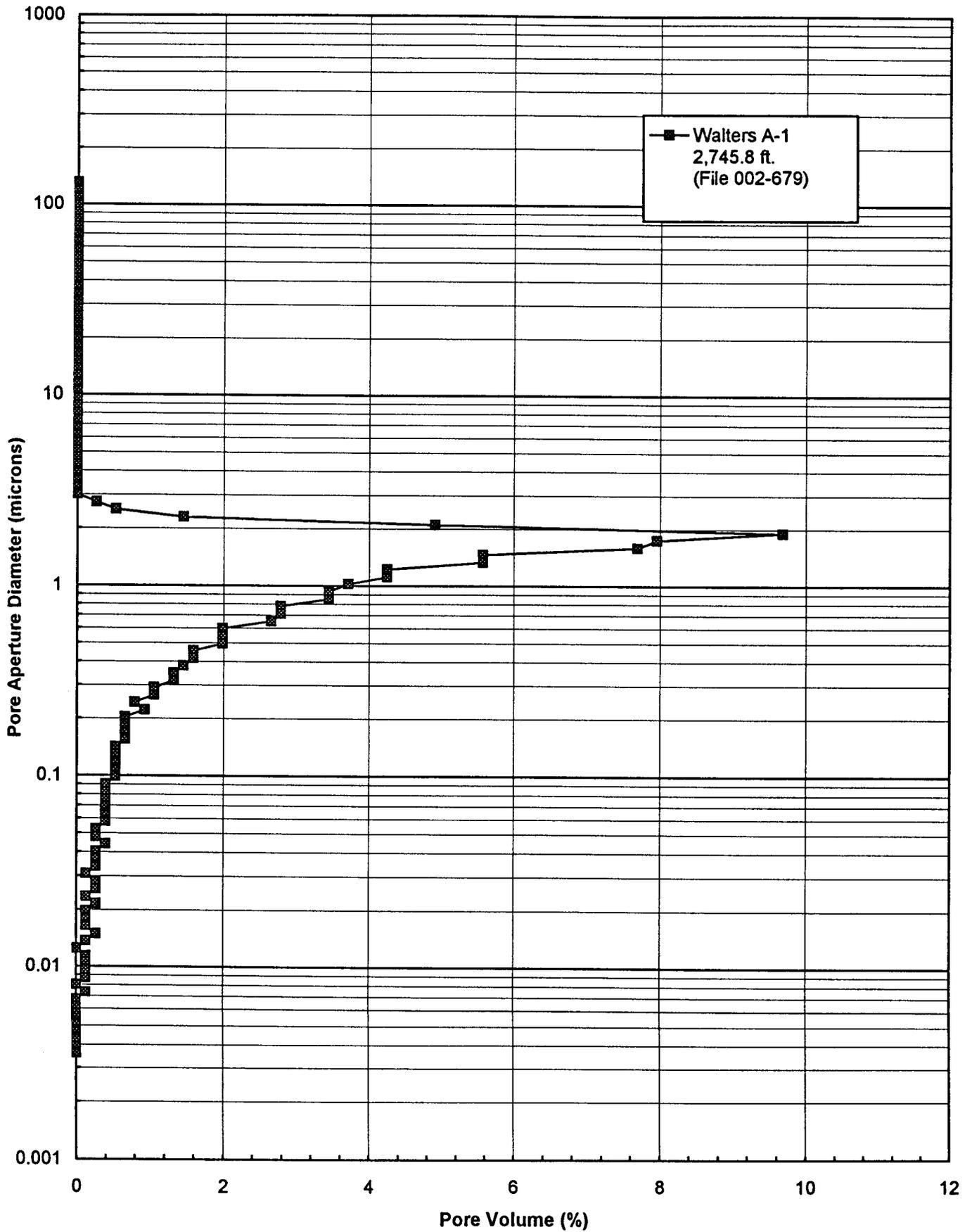
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,752.0 feet
File 002-680

Sample Information

Bulk Volume = 11.4520 cc

Porosity = 18.2% (mercury)

Pore Volume = 2.0856 cc

Permeability = 7.98 md (mercury)

Closure = 0.49%BV @ 31.8 psia

Median Pore Aperture = 2.17 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.04	100.0	0.00	0.0000
1.80	119	0.04	100.0	0.00	0.0000
1.96	109	0.04	100.0	0.00	0.0000
2.15	99.2	0.07	100.0	0.00	0.0000
2.35	90.8	0.11	100.0	0.00	0.0000
2.57	83.0	0.13	100.0	0.00	0.0000
2.81	75.9	0.16	100.0	0.00	0.0000
3.08	69.3	0.16	100.0	0.00	0.0000
3.37	63.3	0.18	100.0	0.00	0.0000
3.68	58.0	0.18	100.0	0.00	0.0000
4.03	52.9	0.20	100.0	0.00	0.0000
4.41	48.4	0.20	100.0	0.00	0.0000
4.82	44.3	0.20	100.0	0.00	0.0000
5.27	40.5	0.22	100.0	0.00	0.0000
5.77	37.0	0.22	100.0	0.00	0.0000
6.31	33.8	0.22	100.0	0.00	0.0000
6.90	30.9	0.24	100.0	0.00	0.0000
7.55	28.3	0.24	100.0	0.00	0.0000
8.26	25.8	0.24	100.0	0.00	0.0000
9.04	23.6	0.27	100.0	0.00	0.0000
9.89	21.6	0.27	100.0	0.00	0.0000
10.8	19.8	0.27	100.0	0.00	0.0000
11.8	18.1	0.27	100.0	0.00	0.0000
12.9	16.5	0.29	100.0	0.00	0.0000
14.2	15.0	0.29	100.0	0.00	0.0000
15.5	13.8	0.29	100.0	0.00	0.0000
16.9	12.6	0.31	100.0	0.00	0.0000
18.5	11.5	0.31	100.0	0.00	0.0000
20.3	10.5	0.33	100.0	0.00	0.0000
22.2	9.61	0.33	100.0	0.00	0.0000
24.3	8.78	0.36	100.0	0.00	0.0000
26.6	8.02	0.38	100.0	0.00	0.0000
29.0	7.36	0.44	100.0	0.00	0.0000
31.8	6.71	0.49	100.0	0.00	0.0000
34.8	6.13	0.56	99.6	0.37	0.1220
38.0	5.61	0.64	99.1	0.49	0.1524

Mercury Injection Capillary Pressure

Walters A-1 : 2,752.0 feet
File 002-680

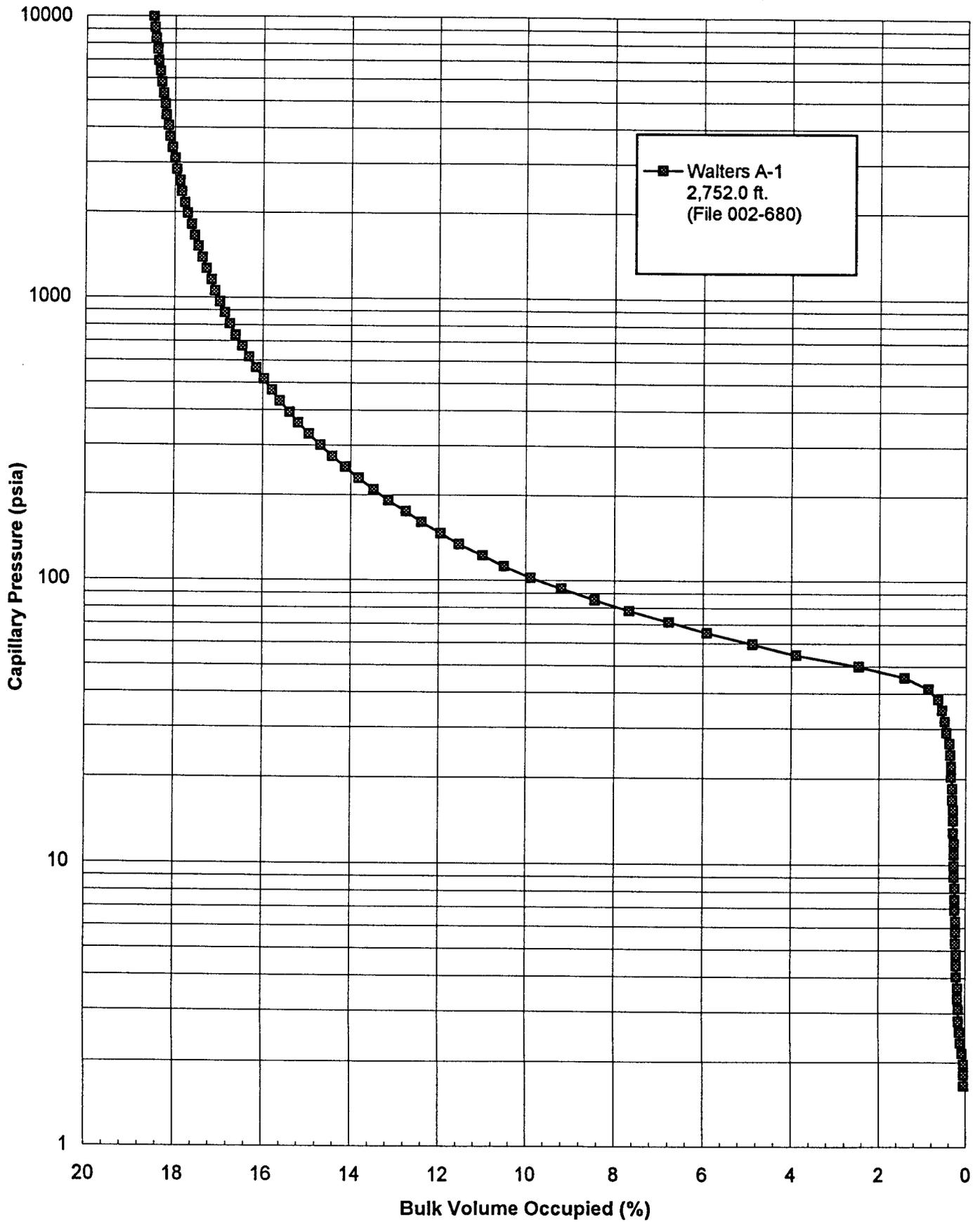
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.87	97.9	1.22	0.3388
45.5	4.69	1.42	94.9	3.05	0.7817
49.8	4.28	2.47	89.1	5.73	1.3330
54.5	3.91	3.89	81.3	7.80	1.6606
59.6	3.58	4.86	76.0	5.37	1.0521
65.2	3.27	5.91	70.2	5.73	1.0235
71.3	2.99	6.77	65.5	4.76	0.7797
78.0	2.73	7.66	60.6	4.88	0.7281
85.3	2.50	8.44	56.3	4.27	0.5847
93.4	2.28	9.19	52.2	4.15	0.5119
102	2.09	9.88	48.4	3.78	0.4396
112	1.90	10.50	45.0	3.41	0.3415
122	1.75	10.99	42.3	2.68	0.2683
134	1.59	11.53	39.4	2.93	0.2439
146	1.46	11.95	37.1	2.32	0.1931
160	1.33	12.39	34.6	2.44	0.1742
175	1.22	12.75	32.7	1.95	0.1301
191	1.12	13.15	30.5	2.20	0.1372
209	1.02	13.48	28.7	1.83	0.1016
229	0.932	13.81	26.8	1.83	0.0915
251	0.850	14.13	25.1	1.71	0.0776
274	0.779	14.41	23.5	1.59	0.0689
300	0.711	14.68	22.1	1.46	0.0563
328	0.650	14.95	20.6	1.46	0.0523
359	0.594	15.19	19.3	1.34	0.0433
393	0.543	15.39	18.2	1.10	0.0323
430	0.496	15.61	17.0	1.22	0.0330
470	0.454	15.79	16.0	0.98	0.0244
514	0.415	15.97	15.0	0.98	0.0222
563	0.379	16.15	14.0	0.98	0.0199
615	0.347	16.30	13.2	0.85	0.0164
673	0.317	16.46	12.3	0.85	0.0147
736	0.290	16.61	11.5	0.85	0.0136
806	0.265	16.75	10.7	0.73	0.0105
881	0.242	16.86	10.1	0.61	0.0081
964	0.221	16.97	9.5	0.61	0.0073
1050	0.203	17.08	8.9	0.61	0.0071
1150	0.186	17.17	8.4	0.49	0.0049
1260	0.169	17.28	7.8	0.61	0.0055
1380	0.155	17.37	7.3	0.49	0.0041
1510	0.141	17.46	6.8	0.49	0.0038
1650	0.129	17.55	6.3	0.49	0.0035

Mercury Injection Capillary Pressure

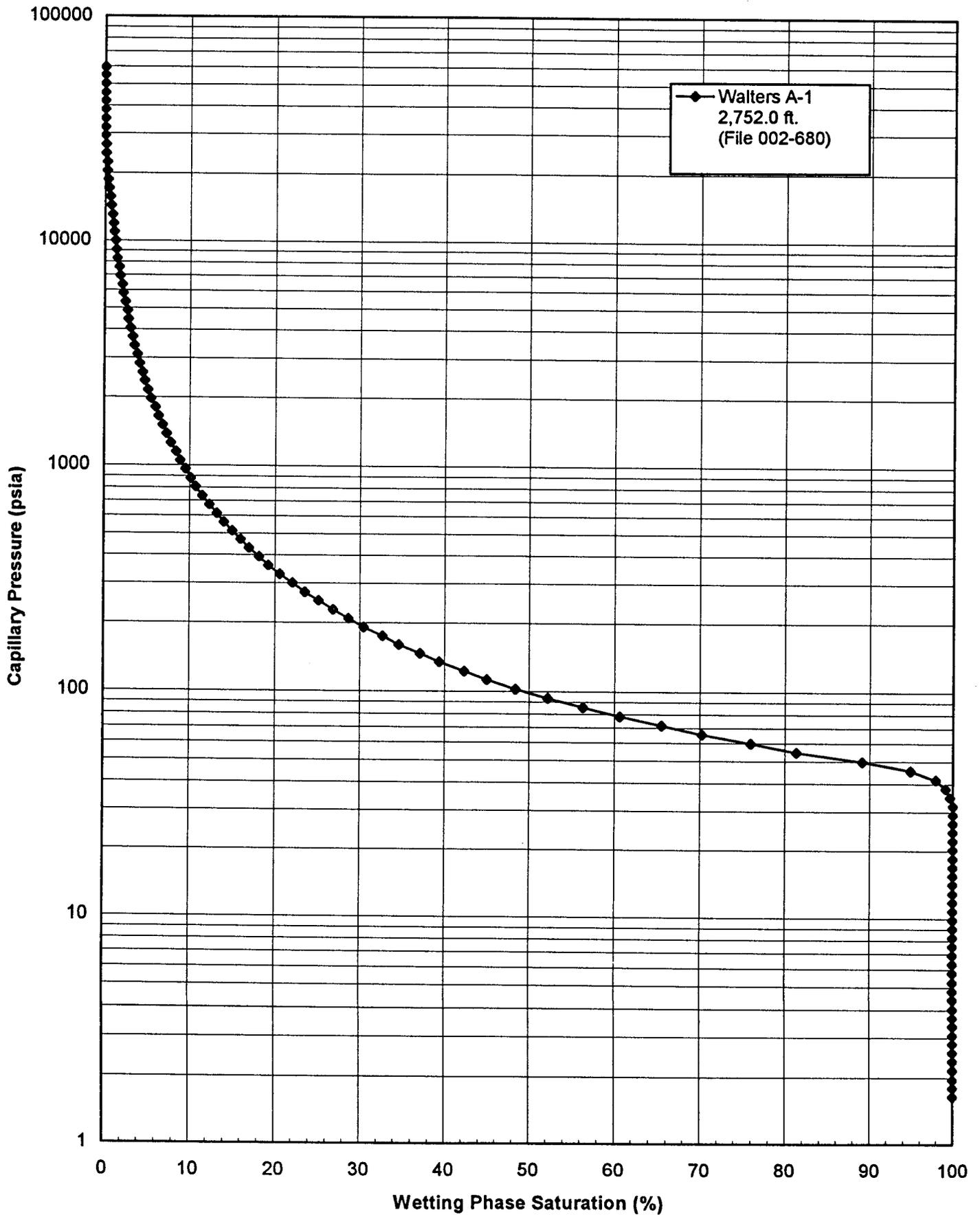
Walters A-1 : 2,752.0 feet
File 002-680

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	17.61	6.0	0.37	0.0023
1980	0.1077	17.70	5.5	0.49	0.0029
2160	0.0988	17.77	5.1	0.37	0.0020
2370	0.0900	17.83	4.8	0.37	0.0017
2590	0.0824	17.88	4.5	0.24	0.0011
2830	0.0754	17.95	4.1	0.37	0.0015
3100	0.0688	17.99	3.9	0.24	0.0009
3390	0.0629	18.06	3.5	0.37	0.0013
3710	0.0575	18.10	3.3	0.24	0.0008
4060	0.0525	18.14	3.0	0.24	0.0007
4440	0.0480	18.19	2.8	0.24	0.0006
4850	0.0440	18.21	2.7	0.12	0.0003
5310	0.0402	18.26	2.4	0.24	0.0005
5810	0.0367	18.30	2.2	0.24	0.0005
6360	0.0335	18.32	2.1	0.12	0.0002
6950	0.0307	18.37	1.8	0.24	0.0004
7610	0.0280	18.39	1.7	0.12	0.0002
8320	0.0256	18.43	1.5	0.24	0.0003
9100	0.0234	18.46	1.3	0.12	0.0002
9960	0.0214	18.48	1.2	0.12	0.0001
10900	0.0196	18.50	1.1	0.12	0.0001
11900	0.0179	18.52	1.0	0.12	0.0001
13000	0.0164	18.54	0.9	0.12	0.0001
14300	0.0149	18.57	0.7	0.12	0.0001
15600	0.0137	18.59	0.6	0.12	0.0001
17100	0.0125	18.61	0.5	0.12	0.0001
18700	0.0114	18.63	0.4	0.12	0.0001
20400	0.0105	18.66	0.2	0.12	0.0001
22300	0.0096	18.66	0.2	0.00	0.0000
24400	0.0087	18.68	0.1	0.12	0.0001
26700	0.0080	18.68	0.1	0.00	0.0000
29300	0.0073	18.70	0.0	0.12	0.0000
32000	0.0067	18.70	0.0	0.00	0.0000
35000	0.0061	18.70	0.0	0.00	0.0000
38300	0.0056	18.70	0.0	0.00	0.0000
41900	0.0051	18.70	0.0	0.00	0.0000
45800	0.0047	18.70	0.0	0.00	0.0000
50100	0.0043	18.70	0.0	0.00	0.0000
54800	0.0039	18.70	0.0	0.00	0.0000
59500	0.0036	18.70	0.0	0.00	0.0000

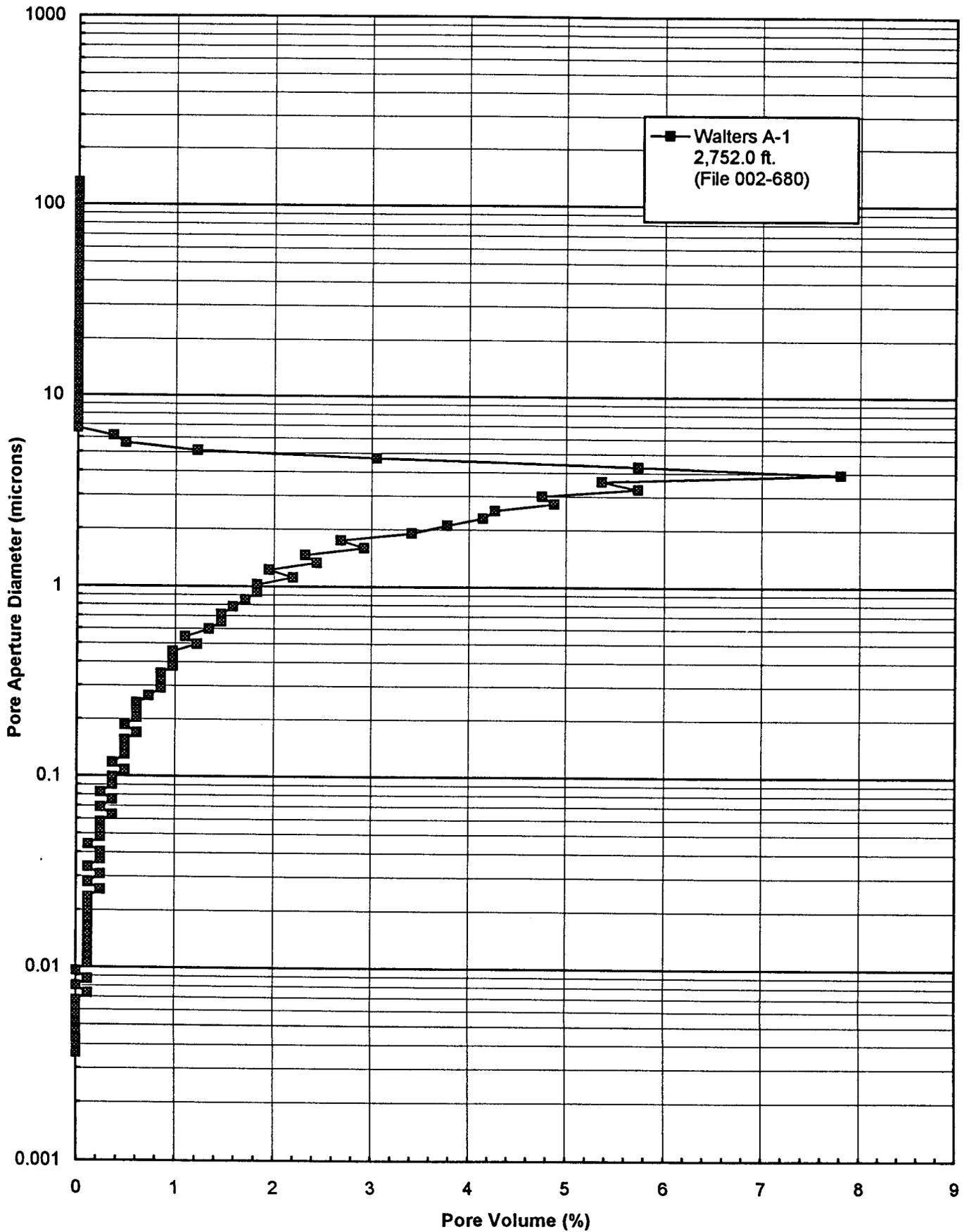
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,759.5 feet

File 002-669

Sample Information	
Bulk Volume = 11.5088 cc	Porosity = 10.1% (mercury)
Pore Volume = 1.1581 cc	Permeability = 1.548 md (mercury)
Closure = 0.25%BV @ 34.8 psia	Median Pore Aperture = 1.46 micron

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.03	100.0	0.00	0.0000
1.80	119	0.03	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.05	100.0	0.00	0.0000
2.35	90.8	0.05	100.0	0.00	0.0000
2.57	83.0	0.05	100.0	0.00	0.0000
2.81	75.9	0.08	100.0	0.00	0.0000
3.08	69.3	0.08	100.0	0.00	0.0000
3.37	63.3	0.08	100.0	0.00	0.0000
3.68	58.0	0.08	100.0	0.00	0.0000
4.03	52.9	0.08	100.0	0.00	0.0000
4.41	48.4	0.10	100.0	0.00	0.0000
4.82	44.3	0.10	100.0	0.00	0.0000
5.27	40.5	0.10	100.0	0.00	0.0000
5.77	37.0	0.10	100.0	0.00	0.0000
6.31	33.8	0.10	100.0	0.00	0.0000
6.90	30.9	0.10	100.0	0.00	0.0000
7.55	28.3	0.10	100.0	0.00	0.0000
8.26	25.8	0.13	100.0	0.00	0.0000
9.04	23.6	0.13	100.0	0.00	0.0000
9.89	21.6	0.13	100.0	0.00	0.0000
10.8	19.8	0.13	100.0	0.00	0.0000
11.8	18.1	0.13	100.0	0.00	0.0000
12.9	16.5	0.13	100.0	0.00	0.0000
14.2	15.0	0.15	100.0	0.00	0.0000
15.5	13.8	0.15	100.0	0.00	0.0000
16.9	12.6	0.15	100.0	0.00	0.0000
18.5	11.5	0.15	100.0	0.00	0.0000
20.3	10.5	0.18	100.0	0.00	0.0000
22.2	9.61	0.18	100.0	0.00	0.0000
24.3	8.78	0.18	100.0	0.00	0.0000
26.6	8.02	0.18	100.0	0.00	0.0000
29.0	7.36	0.20	100.0	0.00	0.0000
31.8	6.71	0.23	100.0	0.00	0.0000
34.8	6.13	0.25	100.0	0.00	0.0000
38.0	5.61	0.28	99.7	0.25	0.0785

Mercury Injection Capillary Pressure

Walters A-1 : 2,759.5 feet

File 002-669

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.35	99.0	0.75	0.2094
45.5	4.69	0.46	98.0	1.01	0.2577
49.8	4.28	0.56	97.0	1.01	0.2337
54.5	3.91	0.73	95.2	1.76	0.3742
59.6	3.58	0.96	93.0	2.26	0.4434
65.2	3.27	1.24	90.2	2.76	0.4935
71.3	2.99	1.52	87.4	2.76	0.4531
78.0	2.73	2.02	82.4	5.03	0.7500
85.3	2.50	2.60	76.6	5.78	0.7916
93.4	2.28	3.16	71.1	5.53	0.6824
102	2.09	3.64	66.3	4.77	0.5551
112	1.90	4.20	60.8	5.53	0.5528
122	1.75	4.58	57.0	3.77	0.3769
134	1.59	4.98	53.0	4.02	0.3350
146	1.46	5.28	50.0	3.02	0.2513
160	1.33	5.59	47.0	3.02	0.2154
175	1.22	5.87	44.2	2.76	0.1843
191	1.12	6.12	41.7	2.51	0.1570
209	1.02	6.35	39.4	2.26	0.1256
229	0.932	6.55	37.4	2.01	0.1005
251	0.850	6.78	35.2	2.26	0.1028
274	0.779	7.00	32.9	2.26	0.0983
300	0.711	7.18	31.2	1.76	0.0676
328	0.650	7.33	29.6	1.51	0.0538
359	0.594	7.51	27.9	1.76	0.0567
393	0.543	7.66	26.4	1.51	0.0443
430	0.496	7.79	25.1	1.26	0.0340
470	0.454	7.94	23.6	1.51	0.0377
514	0.415	8.07	22.4	1.26	0.0286
563	0.379	8.19	21.1	1.26	0.0256
615	0.347	8.32	19.8	1.26	0.0242
673	0.317	8.42	18.8	1.01	0.0173
736	0.290	8.55	17.6	1.26	0.0199
806	0.265	8.65	16.6	1.01	0.0144
881	0.242	8.77	15.3	1.26	0.0168
964	0.221	8.87	14.3	1.01	0.0121
1050	0.203	8.95	13.6	0.75	0.0088
1150	0.186	9.05	12.6	1.01	0.0101
1260	0.169	9.15	11.6	1.01	0.0091
1380	0.155	9.23	10.8	0.75	0.0063
1510	0.141	9.33	9.8	1.01	0.0077
1650	0.129	9.41	9.0	0.75	0.0054

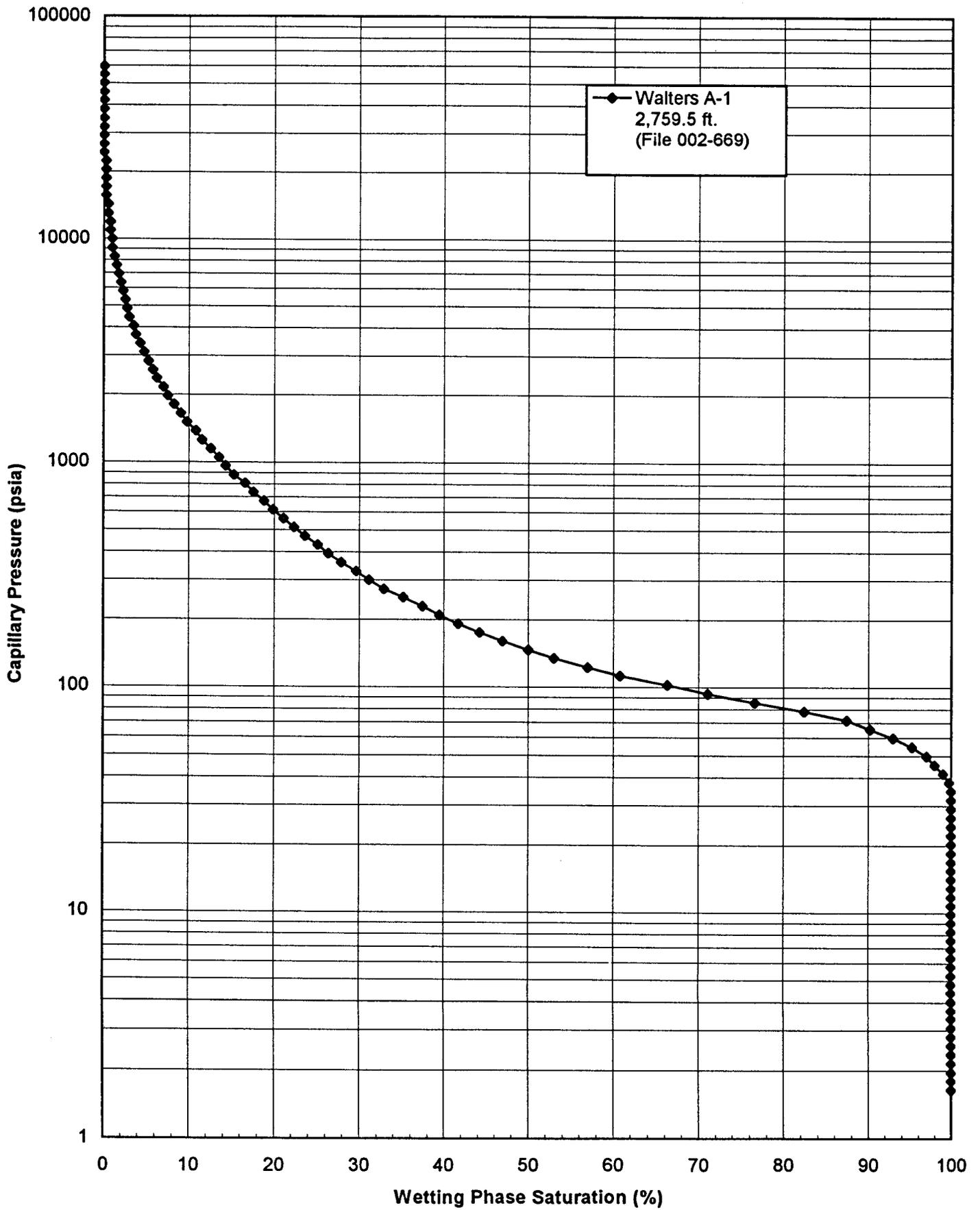
Mercury Injection Capillary Pressure

Walters A-1 : 2,759.5 feet

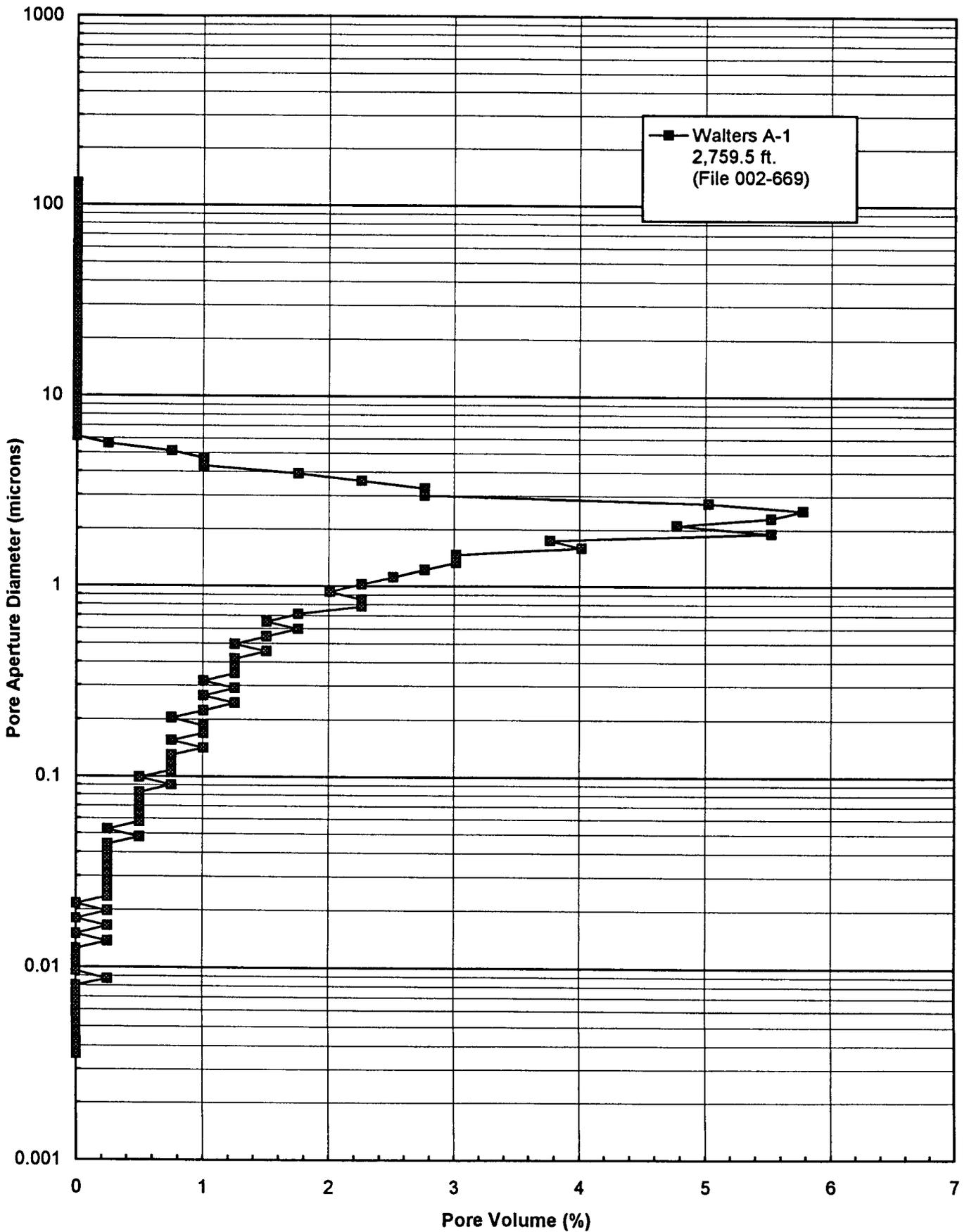
File 002-669

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	9.48	8.3	0.75	0.0047
1980	0.1077	9.56	7.5	0.75	0.0044
2160	0.0988	9.61	7.0	0.50	0.0028
2370	0.0900	9.68	6.3	0.75	0.0036
2590	0.0824	9.73	5.8	0.50	0.0023
2830	0.0754	9.78	5.3	0.50	0.0021
3100	0.0688	9.83	4.8	0.50	0.0019
3390	0.0629	9.89	4.3	0.50	0.0017
3710	0.0575	9.94	3.8	0.50	0.0016
4060	0.0525	9.96	3.5	0.25	0.0007
4440	0.0480	10.01	3.0	0.50	0.0013
4850	0.0440	10.04	2.8	0.25	0.0006
5310	0.0402	10.06	2.5	0.25	0.0005
5810	0.0367	10.09	2.3	0.25	0.0005
6360	0.0335	10.11	2.0	0.25	0.0005
6950	0.0307	10.14	1.8	0.25	0.0004
7610	0.0280	10.16	1.5	0.25	0.0004
8320	0.0256	10.19	1.3	0.25	0.0004
9100	0.0234	10.21	1.0	0.25	0.0003
9960	0.0214	10.21	1.0	0.00	0.0000
10900	0.0196	10.24	0.8	0.25	0.0003
11900	0.0179	10.24	0.8	0.00	0.0000
13000	0.0164	10.26	0.5	0.25	0.0002
14300	0.0149	10.26	0.5	0.00	0.0000
15600	0.0137	10.29	0.3	0.25	0.0002
17100	0.0125	10.29	0.3	0.00	0.0000
18700	0.0114	10.29	0.3	0.00	0.0000
20400	0.0105	10.29	0.3	0.00	0.0000
22300	0.0096	10.29	0.3	0.00	0.0000
24400	0.0087	10.32	0.0	0.25	0.0001
26700	0.0080	10.32	0.0	0.00	0.0000
29300	0.0073	10.32	0.0	0.00	0.0000
32000	0.0067	10.32	0.0	0.00	0.0000
35000	0.0061	10.32	0.0	0.00	0.0000
38300	0.0056	10.32	0.0	0.00	0.0000
41900	0.0051	10.32	0.0	0.00	0.0000
45800	0.0047	10.32	0.0	0.00	0.0000
50100	0.0043	10.32	0.0	0.00	0.0000
54800	0.0039	10.32	0.0	0.00	0.0000
59500	0.0036	10.32	0.0	0.00	0.0000

Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,767.5 feet

File 002-682

Sample Information	
Bulk Volume = 12.3164 cc	Porosity = 14.0% (mercury)
Pore Volume = 1.7255 cc	Permeability = 1.14 md (mercury)
Closure = 0.35%BV @ 85.3 psia	Median Pore Aperture = 0.9072 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.02	100.0	0.00	0.0000
2.15	99.2	0.05	100.0	0.00	0.0000
2.35	90.8	0.09	100.0	0.00	0.0000
2.57	83.0	0.12	100.0	0.00	0.0000
2.81	75.9	0.12	100.0	0.00	0.0000
3.08	69.3	0.14	100.0	0.00	0.0000
3.37	63.3	0.14	100.0	0.00	0.0000
3.68	58.0	0.14	100.0	0.00	0.0000
4.03	52.9	0.16	100.0	0.00	0.0000
4.41	48.4	0.16	100.0	0.00	0.0000
4.82	44.3	0.16	100.0	0.00	0.0000
5.27	40.5	0.16	100.0	0.00	0.0000
5.77	37.0	0.16	100.0	0.00	0.0000
6.31	33.8	0.19	100.0	0.00	0.0000
6.90	30.9	0.19	100.0	0.00	0.0000
7.55	28.3	0.19	100.0	0.00	0.0000
8.26	25.8	0.19	100.0	0.00	0.0000
9.04	23.6	0.19	100.0	0.00	0.0000
9.89	21.6	0.21	100.0	0.00	0.0000
10.8	19.8	0.21	100.0	0.00	0.0000
11.8	18.1	0.21	100.0	0.00	0.0000
12.9	16.5	0.21	100.0	0.00	0.0000
14.2	15.0	0.23	100.0	0.00	0.0000
15.5	13.8	0.23	100.0	0.00	0.0000
16.9	12.6	0.23	100.0	0.00	0.0000
18.5	11.5	0.23	100.0	0.00	0.0000
20.3	10.5	0.23	100.0	0.00	0.0000
22.2	9.61	0.26	100.0	0.00	0.0000
24.3	8.78	0.26	100.0	0.00	0.0000
26.6	8.02	0.26	100.0	0.00	0.0000
29.0	7.36	0.26	100.0	0.00	0.0000
31.8	6.71	0.26	100.0	0.00	0.0000
34.8	6.13	0.28	100.0	0.00	0.0000
38.0	5.61	0.28	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,767.5 feet
File 002-682

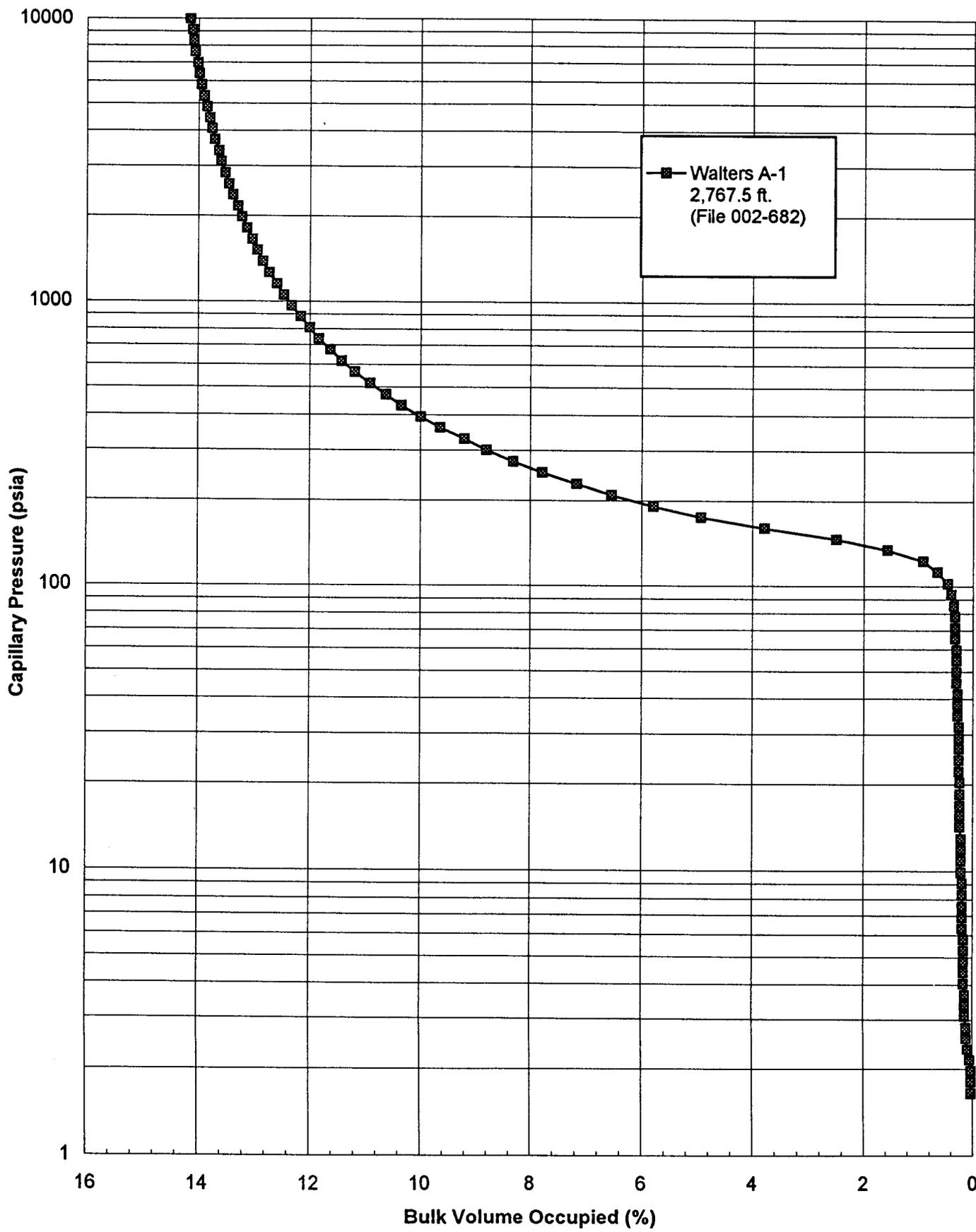
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.28	100.0	0.00	0.0000
45.5	4.69	0.30	100.0	0.00	0.0000
49.8	4.28	0.30	100.0	0.00	0.0000
54.5	3.91	0.30	100.0	0.00	0.0000
59.6	3.58	0.30	100.0	0.00	0.0000
65.2	3.27	0.33	100.0	0.00	0.0000
71.3	2.99	0.33	100.0	0.00	0.0000
78.0	2.73	0.33	100.0	0.00	0.0000
85.3	2.50	0.35	100.0	0.00	0.0000
93.4	2.28	0.40	99.7	0.33	0.0412
102	2.09	0.47	99.2	0.50	0.0581
112	1.90	0.65	97.8	1.33	0.1333
122	1.75	0.91	96.0	1.83	0.1833
134	1.59	1.56	91.3	4.67	0.3889
146	1.46	2.50	84.7	6.67	0.5556
160	1.33	3.78	75.5	9.17	0.6548
175	1.22	4.93	67.3	8.17	0.5444
191	1.12	5.79	61.2	6.17	0.3854
209	1.02	6.54	55.8	5.33	0.2963
229	0.932	7.17	51.3	4.50	0.2250
251	0.850	7.78	47.0	4.33	0.1970
274	0.779	8.31	43.2	3.83	0.1667
300	0.711	8.80	39.7	3.50	0.1346
328	0.650	9.20	36.8	2.83	0.1012
359	0.594	9.64	33.7	3.17	0.1022
393	0.543	9.99	31.2	2.50	0.0735
430	0.496	10.34	28.7	2.50	0.0676
470	0.454	10.62	26.7	2.00	0.0500
514	0.415	10.90	24.7	2.00	0.0455
563	0.379	11.18	22.7	2.00	0.0408
615	0.347	11.42	21.0	1.67	0.0321
673	0.317	11.63	19.5	1.50	0.0259
736	0.290	11.84	18.0	1.50	0.0238
806	0.265	12.00	16.8	1.17	0.0167
881	0.242	12.17	15.7	1.17	0.0156
964	0.221	12.33	14.5	1.17	0.0141
1050	0.203	12.47	13.5	1.00	0.0116
1150	0.186	12.59	12.7	0.83	0.0083
1260	0.169	12.73	11.7	1.00	0.0091
1380	0.155	12.84	10.8	0.83	0.0069
1510	0.141	12.94	10.2	0.67	0.0051
1650	0.129	13.03	9.5	0.67	0.0048

Mercury Injection Capillary Pressure

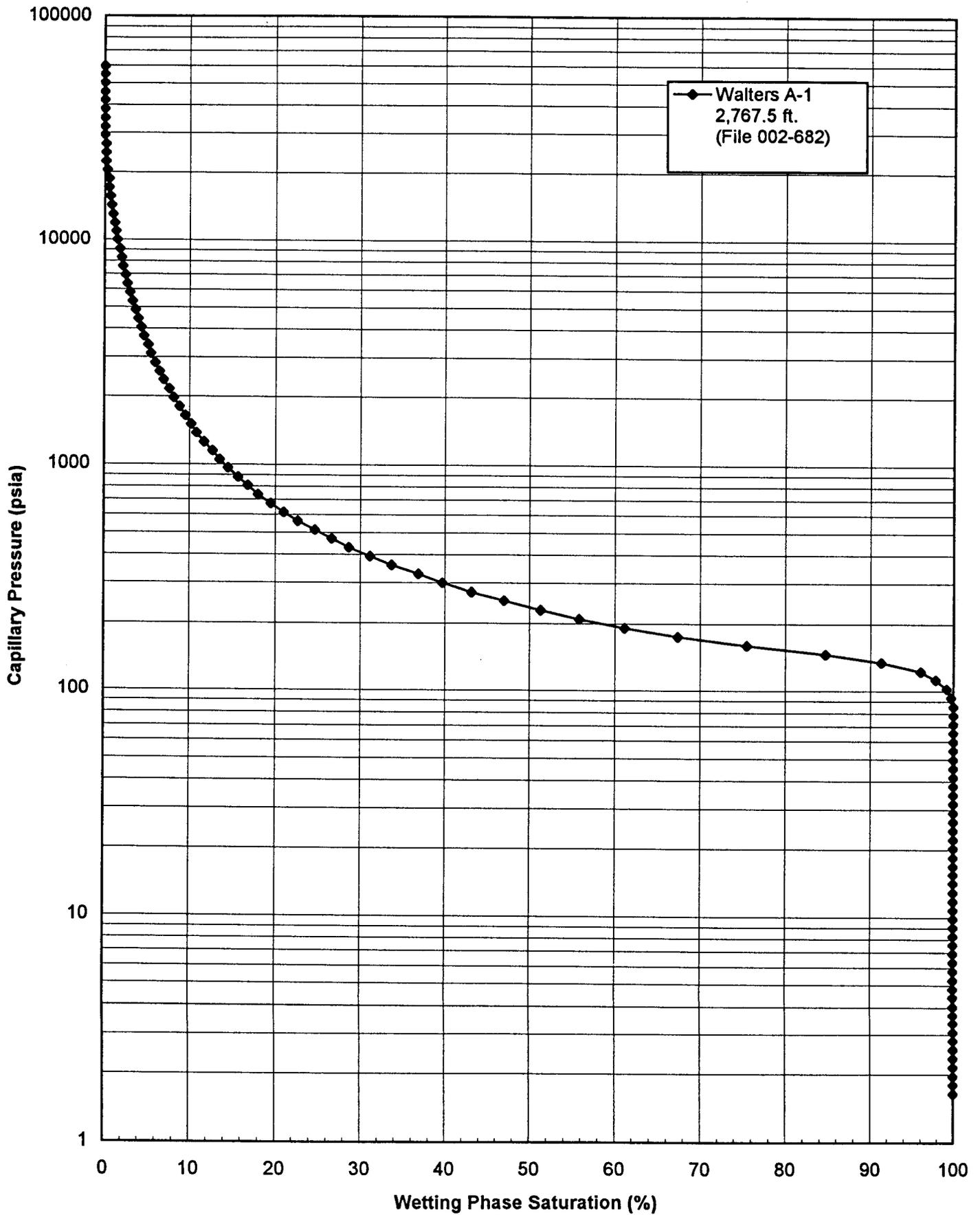
Walters A-1 : 2,767.5 feet
File 002-682

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	13.12	8.8	0.67	0.0042
1980	0.1077	13.22	8.2	0.67	0.0039
2160	0.0988	13.29	7.7	0.50	0.0028
2370	0.0900	13.38	7.0	0.67	0.0032
2590	0.0824	13.45	6.5	0.50	0.0023
2830	0.0754	13.52	6.0	0.50	0.0021
3100	0.0688	13.59	5.5	0.50	0.0019
3390	0.0629	13.64	5.2	0.33	0.0011
3710	0.0575	13.71	4.7	0.50	0.0016
4060	0.0525	13.75	4.3	0.33	0.0010
4440	0.0480	13.80	4.0	0.33	0.0009
4850	0.0440	13.85	3.7	0.33	0.0008
5310	0.0402	13.89	3.3	0.33	0.0007
5810	0.0367	13.94	3.0	0.33	0.0007
6360	0.0335	13.99	2.7	0.33	0.0006
6950	0.0307	14.01	2.5	0.17	0.0003
7610	0.0280	14.06	2.2	0.33	0.0005
8320	0.0256	14.08	2.0	0.17	0.0002
9100	0.0234	14.10	1.8	0.17	0.0002
9960	0.0214	14.15	1.5	0.33	0.0004
10900	0.0196	14.17	1.3	0.17	0.0002
11900	0.0179	14.20	1.2	0.17	0.0002
13000	0.0164	14.22	1.0	0.17	0.0002
14300	0.0149	14.24	0.8	0.17	0.0001
15600	0.0137	14.27	0.7	0.17	0.0001
17100	0.0125	14.29	0.5	0.17	0.0001
18700	0.0114	14.29	0.5	0.00	0.0000
20400	0.0105	14.31	0.3	0.17	0.0001
22300	0.0096	14.34	0.2	0.17	0.0001
24400	0.0087	14.34	0.2	0.00	0.0000
26700	0.0080	14.34	0.2	0.00	0.0000
29300	0.0073	14.36	0.0	0.17	0.0001
32000	0.0067	14.36	0.0	0.00	0.0000
35000	0.0061	14.36	0.0	0.00	0.0000
38300	0.0056	14.36	0.0	0.00	0.0000
41900	0.0051	14.36	0.0	0.00	0.0000
45800	0.0047	14.36	0.0	0.00	0.0000
50100	0.0043	14.36	0.0	0.00	0.0000
54800	0.0039	14.36	0.0	0.00	0.0000
59500	0.0036	14.36	0.0	0.00	0.0000

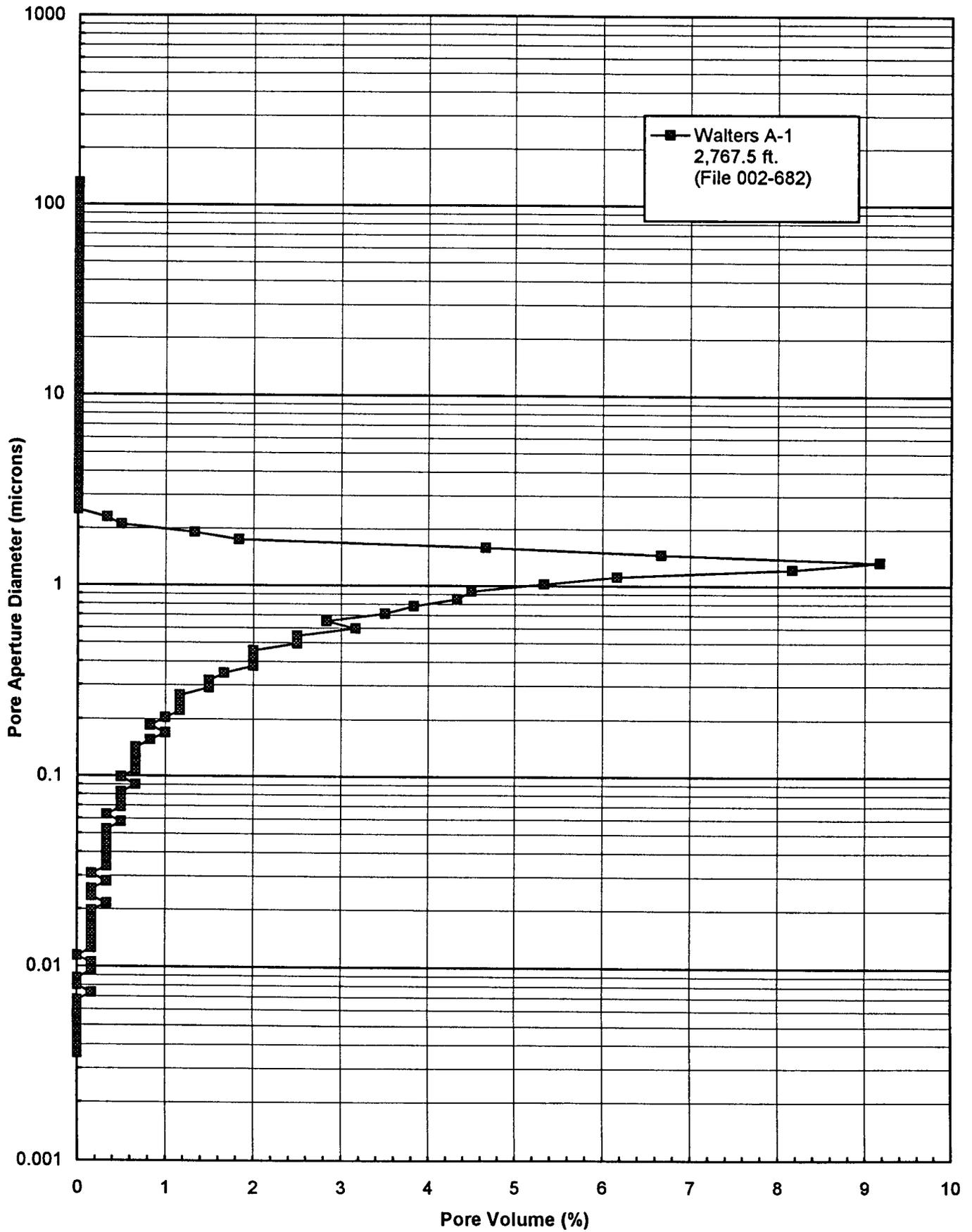
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,808.5 feet

File 002-670

Sample Information	
Bulk Volume = 12.4302	Porosity = 11.9% (mercury)
Pore Volume = 1.4810 cc	Permeability = 0.587 md (mercury)
Closure = 0.28%BV @ 71.3 psia	Median Pore Aperture = 0.6927 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.05	100.0	0.00	0.0000
2.35	90.8	0.07	100.0	0.00	0.0000
2.57	83.0	0.09	100.0	0.00	0.0000
2.81	75.9	0.09	100.0	0.00	0.0000
3.08	69.3	0.12	100.0	0.00	0.0000
3.37	63.3	0.12	100.0	0.00	0.0000
3.68	58.0	0.14	100.0	0.00	0.0000
4.03	52.9	0.14	100.0	0.00	0.0000
4.41	48.4	0.14	100.0	0.00	0.0000
4.82	44.3	0.14	100.0	0.00	0.0000
5.27	40.5	0.16	100.0	0.00	0.0000
5.77	37.0	0.16	100.0	0.00	0.0000
6.31	33.8	0.16	100.0	0.00	0.0000
6.90	30.9	0.16	100.0	0.00	0.0000
7.55	28.3	0.16	100.0	0.00	0.0000
8.26	25.8	0.16	100.0	0.00	0.0000
9.04	23.6	0.19	100.0	0.00	0.0000
9.89	21.6	0.19	100.0	0.00	0.0000
10.8	19.8	0.19	100.0	0.00	0.0000
11.8	18.1	0.19	100.0	0.00	0.0000
12.9	16.5	0.19	100.0	0.00	0.0000
14.2	15.0	0.19	100.0	0.00	0.0000
15.5	13.8	0.19	100.0	0.00	0.0000
16.9	12.6	0.19	100.0	0.00	0.0000
18.5	11.5	0.21	100.0	0.00	0.0000
20.3	10.5	0.21	100.0	0.00	0.0000
22.2	9.61	0.21	100.0	0.00	0.0000
24.3	8.78	0.21	100.0	0.00	0.0000
26.6	8.02	0.21	100.0	0.00	0.0000
29.0	7.36	0.21	100.0	0.00	0.0000
31.8	6.71	0.21	100.0	0.00	0.0000
34.8	6.13	0.24	100.0	0.00	0.0000
38.0	5.61	0.24	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,808.5 feet
File 002-670

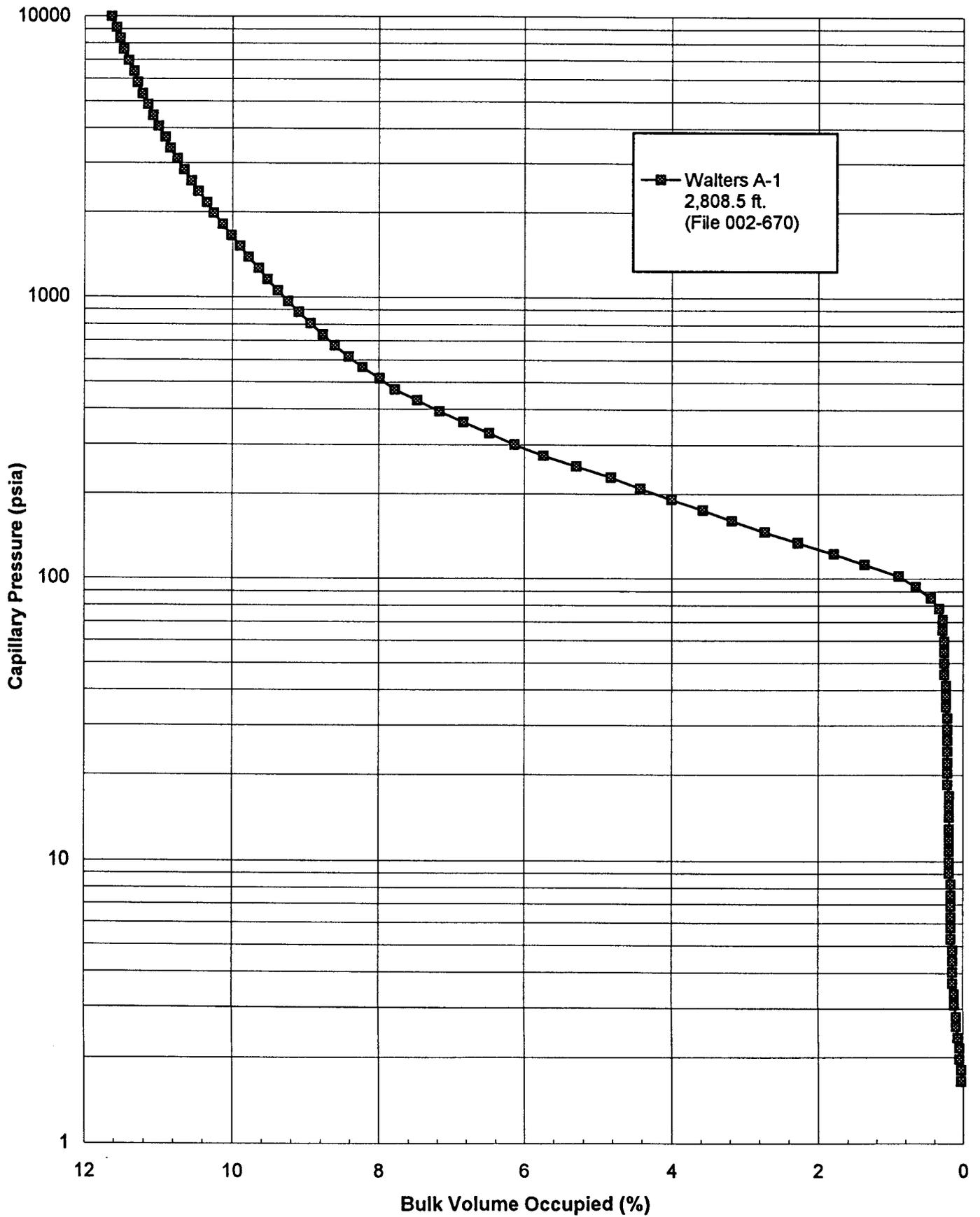
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.24	100.0	0.00	0.0000
45.5	4.69	0.26	100.0	0.00	0.0000
49.8	4.28	0.26	100.0	0.00	0.0000
54.5	3.91	0.26	100.0	0.00	0.0000
59.6	3.58	0.26	100.0	0.00	0.0000
65.2	3.27	0.28	100.0	0.00	0.0000
71.3	2.99	0.28	100.0	0.00	0.0000
78.0	2.73	0.33	99.6	0.39	0.0589
85.3	2.50	0.45	98.6	0.99	0.1351
93.4	2.28	0.66	96.8	1.78	0.2192
102	2.09	0.89	94.9	1.97	0.2293
112	1.90	1.36	90.9	3.94	0.3945
122	1.75	1.79	87.4	3.55	0.3550
134	1.59	2.28	83.2	4.14	0.3452
146	1.46	2.73	79.5	3.75	0.3123
160	1.33	3.17	75.7	3.75	0.2677
175	1.22	3.57	72.4	3.35	0.2235
191	1.12	4.00	68.8	3.55	0.2219
209	1.02	4.42	65.3	3.55	0.1972
229	0.932	4.82	61.9	3.35	0.1677
251	0.850	5.29	58.0	3.94	0.1793
274	0.779	5.73	54.2	3.75	0.1629
300	0.711	6.13	50.9	3.35	0.1290
328	0.650	6.49	47.9	2.96	0.1057
359	0.594	6.84	45.0	2.96	0.0954
393	0.543	7.17	42.2	2.76	0.0812
430	0.496	7.47	39.6	2.56	0.0693
470	0.454	7.78	37.1	2.56	0.0641
514	0.415	7.99	35.3	1.78	0.0403
563	0.379	8.23	33.3	1.97	0.0403
615	0.347	8.41	31.8	1.58	0.0303
673	0.317	8.60	30.2	1.58	0.0272
736	0.290	8.77	28.8	1.38	0.0219
806	0.265	8.93	27.4	1.38	0.0197
881	0.242	9.09	26.0	1.38	0.0184
964	0.221	9.24	24.9	1.18	0.0143
1050	0.203	9.38	23.7	1.18	0.0138
1150	0.186	9.52	22.5	1.18	0.0118
1260	0.169	9.64	21.5	0.99	0.0090
1380	0.155	9.78	20.3	1.18	0.0099
1510	0.141	9.89	19.3	0.99	0.0076
1650	0.129	10.01	18.3	0.99	0.0070

Mercury Injection Capillary Pressure

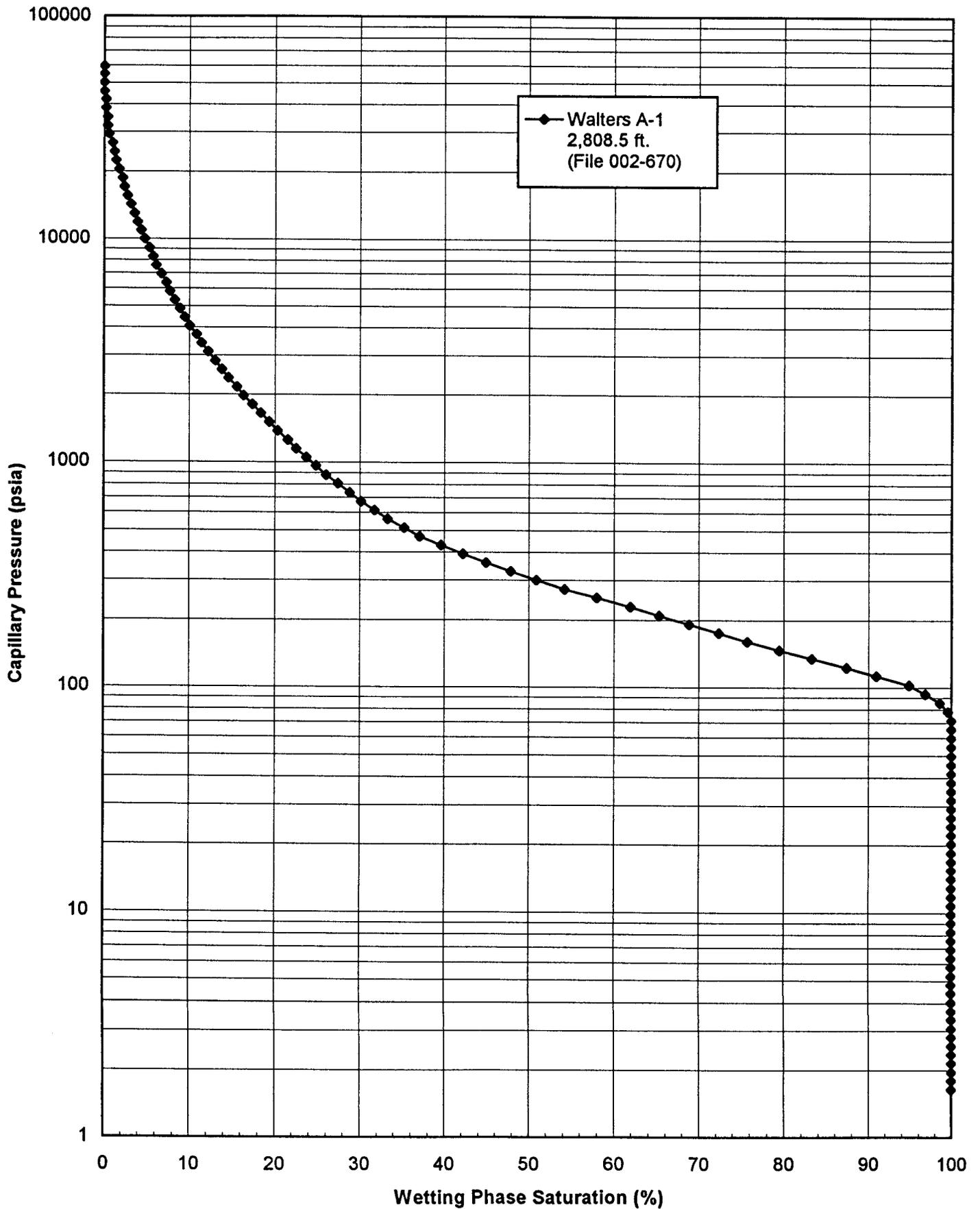
Walters A-1 : 2,808.5 feet
File 002-670

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	10.13	17.4	0.99	0.0062
1980	0.1077	10.25	16.4	0.99	0.0058
2160	0.0988	10.34	15.6	0.79	0.0044
2370	0.0900	10.46	14.6	0.99	0.0047
2590	0.0824	10.55	13.8	0.79	0.0036
2830	0.0754	10.65	13.0	0.79	0.0033
3100	0.0688	10.74	12.2	0.79	0.0029
3390	0.0629	10.83	11.4	0.79	0.0027
3710	0.0575	10.90	10.8	0.59	0.0018
4060	0.0525	11.00	10.1	0.79	0.0023
4440	0.0480	11.07	9.5	0.59	0.0016
4850	0.0440	11.14	8.9	0.59	0.0014
5310	0.0402	11.21	8.3	0.59	0.0013
5810	0.0367	11.28	7.7	0.59	0.0012
6360	0.0335	11.33	7.3	0.39	0.0007
6950	0.0307	11.40	6.7	0.59	0.0010
7610	0.0280	11.47	6.1	0.59	0.0009
8320	0.0256	11.52	5.7	0.39	0.0006
9100	0.0234	11.56	5.3	0.39	0.0005
9960	0.0214	11.63	4.7	0.59	0.0007
10900	0.0196	11.68	4.3	0.39	0.0004
11900	0.0179	11.73	3.9	0.39	0.0004
13000	0.0164	11.77	3.6	0.39	0.0004
14300	0.0149	11.82	3.2	0.39	0.0003
15600	0.0137	11.87	2.8	0.39	0.0003
17100	0.0125	11.91	2.4	0.39	0.0003
18700	0.0114	11.94	2.2	0.20	0.0001
20400	0.0105	11.99	1.8	0.39	0.0002
22300	0.0096	12.03	1.4	0.39	0.0002
24400	0.0087	12.06	1.2	0.20	0.0001
26700	0.0080	12.08	1.0	0.20	0.0001
29300	0.0073	12.13	0.6	0.39	0.0002
32000	0.0067	12.15	0.4	0.20	0.0001
35000	0.0061	12.15	0.4	0.00	0.0000
38300	0.0056	12.17	0.2	0.20	0.0001
41900	0.0051	12.17	0.2	0.00	0.0000
45800	0.0047	12.20	0.0	0.20	0.0001
50100	0.0043	12.20	0.0	0.00	0.0000
54800	0.0039	12.20	0.0	0.00	0.0000
59500	0.0036	12.20	0.0	0.00	0.0000

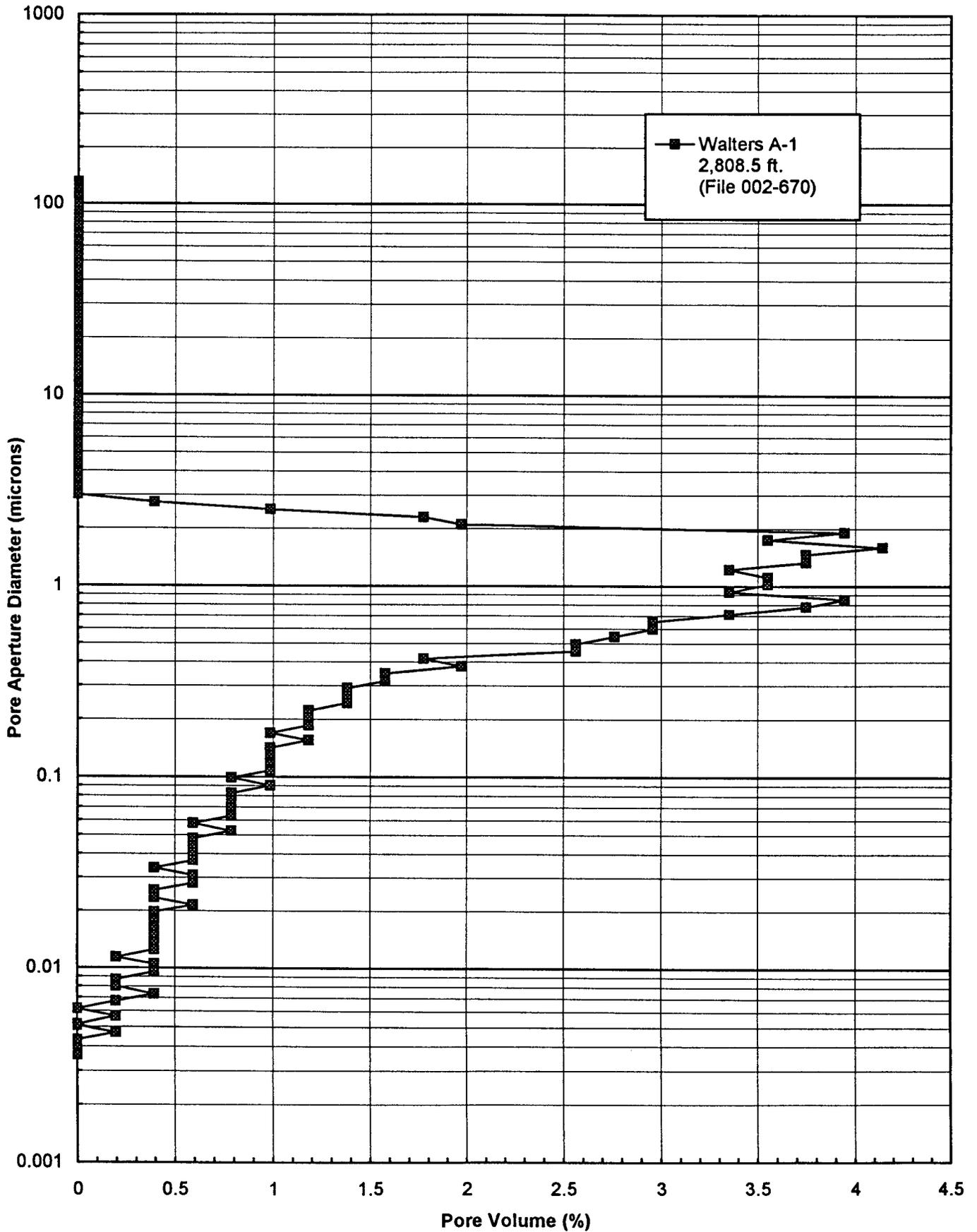
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,811.1 feet
File 002-677

Sample Information	
Bulk Volume = 11.7335 cc	Porosity = 10.7% (mercury)
Pore Volume = 1.2537 cc	Permeability = 0.1424 md (mercury)
Closure = 0.40%BV @ 112 psia	Median Pore Aperture = 0.3128 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.00	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.02	100.0	0.00	0.0000
2.15	99.2	0.05	100.0	0.00	0.0000
2.35	90.8	0.05	100.0	0.00	0.0000
2.57	83.0	0.07	100.0	0.00	0.0000
2.81	75.9	0.07	100.0	0.00	0.0000
3.08	69.3	0.07	100.0	0.00	0.0000
3.37	63.3	0.09	100.0	0.00	0.0000
3.68	58.0	0.09	100.0	0.00	0.0000
4.03	52.9	0.09	100.0	0.00	0.0000
4.41	48.4	0.09	100.0	0.00	0.0000
4.82	44.3	0.12	100.0	0.00	0.0000
5.27	40.5	0.12	100.0	0.00	0.0000
5.77	37.0	0.12	100.0	0.00	0.0000
6.31	33.8	0.12	100.0	0.00	0.0000
6.90	30.9	0.12	100.0	0.00	0.0000
7.55	28.3	0.14	100.0	0.00	0.0000
8.26	25.8	0.14	100.0	0.00	0.0000
9.04	23.6	0.14	100.0	0.00	0.0000
9.89	21.6	0.14	100.0	0.00	0.0000
10.8	19.8	0.14	100.0	0.00	0.0000
11.8	18.1	0.17	100.0	0.00	0.0000
12.9	16.5	0.17	100.0	0.00	0.0000
14.2	15.0	0.17	100.0	0.00	0.0000
15.5	13.8	0.17	100.0	0.00	0.0000
16.9	12.6	0.19	100.0	0.00	0.0000
18.5	11.5	0.19	100.0	0.00	0.0000
20.3	10.5	0.19	100.0	0.00	0.0000
22.2	9.61	0.19	100.0	0.00	0.0000
24.3	8.78	0.19	100.0	0.00	0.0000
26.6	8.02	0.19	100.0	0.00	0.0000
29.0	7.36	0.21	100.0	0.00	0.0000
31.8	6.71	0.21	100.0	0.00	0.0000
34.8	6.13	0.21	100.0	0.00	0.0000
38.0	5.61	0.21	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,811.1 feet
File 002-677

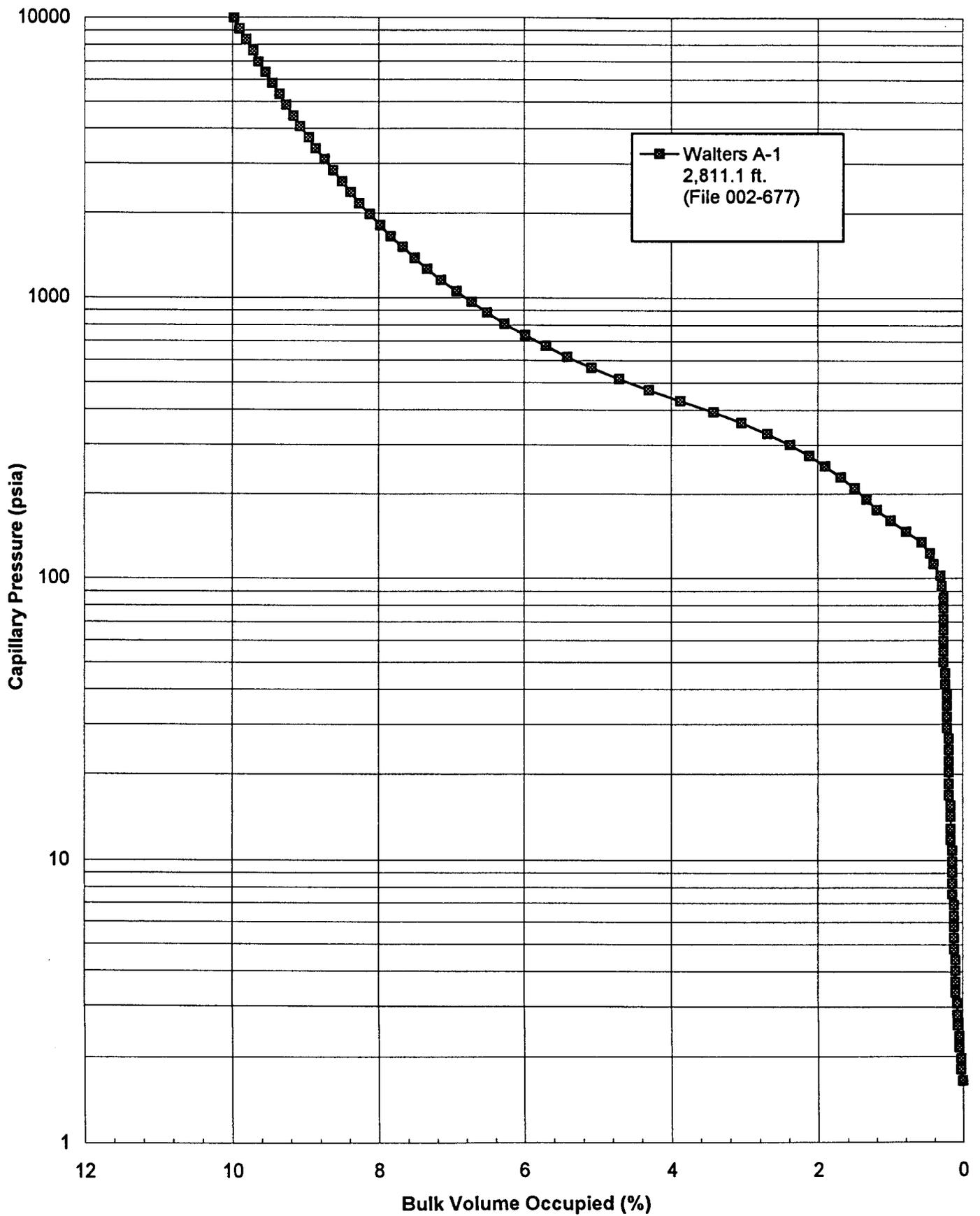
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.24	100.0	0.00	0.0000
45.5	4.69	0.24	100.0	0.00	0.0000
49.8	4.28	0.26	100.0	0.00	0.0000
54.5	3.91	0.26	100.0	0.00	0.0000
59.6	3.58	0.26	100.0	0.00	0.0000
65.2	3.27	0.26	100.0	0.00	0.0000
71.3	2.99	0.26	100.0	0.00	0.0000
78.0	2.73	0.26	100.0	0.00	0.0000
85.3	2.50	0.26	100.0	0.00	0.0000
93.4	2.28	0.28	100.0	0.00	0.0000
102	2.09	0.31	100.0	0.00	0.0000
112	1.90	0.40	100.0	0.00	0.0000
122	1.75	0.45	99.6	0.44	0.0444
134	1.59	0.57	98.4	1.11	0.0926
146	1.46	0.78	96.4	2.00	0.1667
160	1.33	1.00	94.4	2.00	0.1429
175	1.22	1.19	92.7	1.78	0.1185
191	1.12	1.33	91.3	1.33	0.0833
209	1.02	1.50	89.8	1.56	0.0864
229	0.932	1.69	88.0	1.78	0.0889
251	0.850	1.90	86.0	2.00	0.0909
274	0.779	2.11	84.0	2.00	0.0870
300	0.711	2.37	81.6	2.44	0.0940
328	0.650	2.68	78.7	2.89	0.1032
359	0.594	3.04	75.3	3.33	0.1075
393	0.543	3.42	71.8	3.56	0.1046
430	0.496	3.87	67.6	4.22	0.1141
470	0.454	4.30	63.6	4.00	0.1000
514	0.415	4.70	59.8	3.78	0.0859
563	0.379	5.08	56.2	3.56	0.0726
615	0.347	5.41	53.1	3.11	0.0598
673	0.317	5.70	50.4	2.67	0.0460
736	0.290	5.98	47.8	2.67	0.0423
806	0.265	6.27	45.1	2.67	0.0381
881	0.242	6.51	42.9	2.22	0.0296
964	0.221	6.72	40.9	2.00	0.0241
1050	0.203	6.93	38.9	2.00	0.0233
1150	0.186	7.15	36.9	2.00	0.0200
1260	0.169	7.34	35.1	1.78	0.0162
1380	0.155	7.50	33.6	1.56	0.0130
1510	0.141	7.67	32.0	1.56	0.0120
1650	0.129	7.84	30.4	1.56	0.0111

Mercury Injection Capillary Pressure

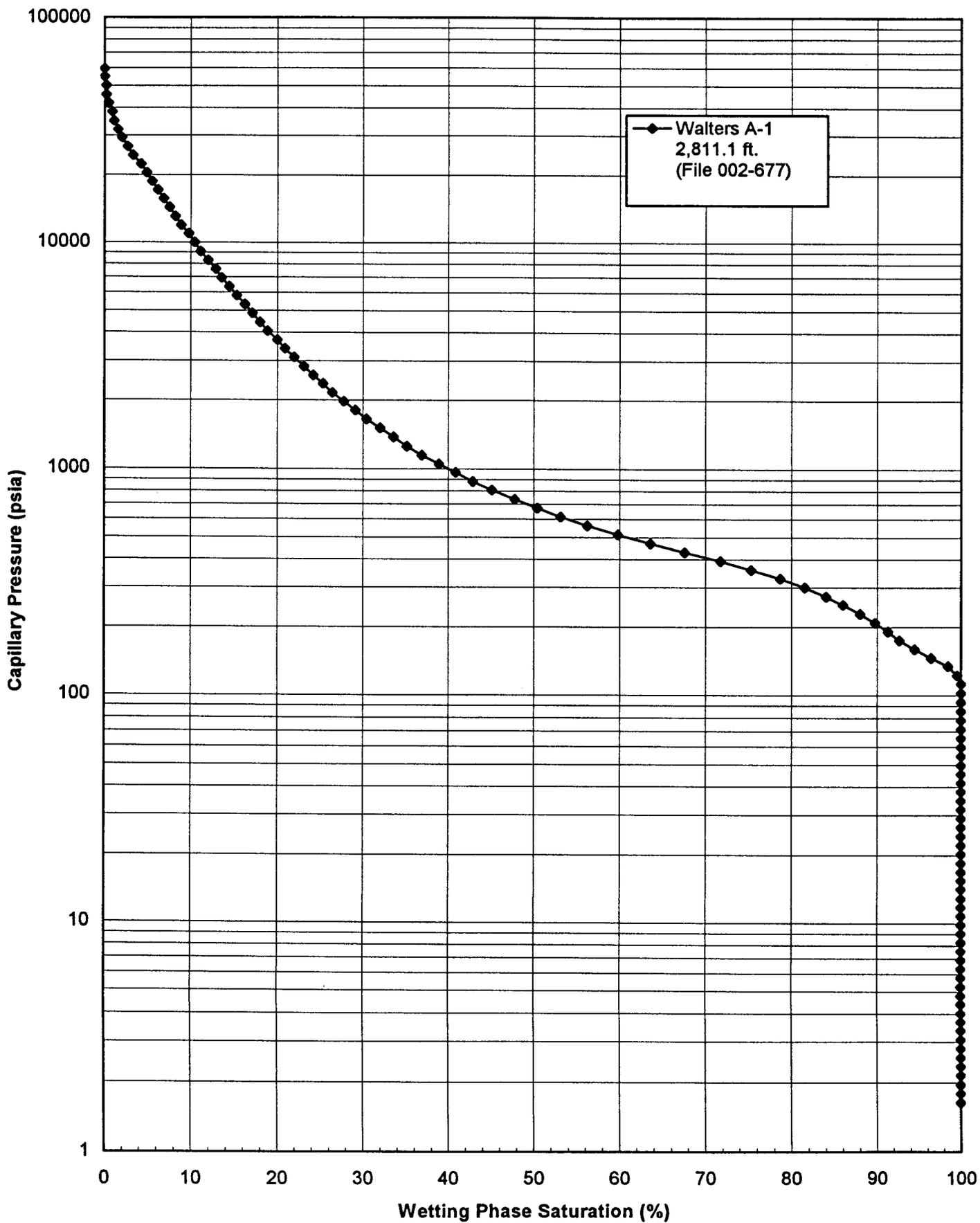
Walters A-1 : 2,811.1 feet
File 002-677

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	7.98	29.1	1.33	0.0083
1980	0.1077	8.12	27.8	1.33	0.0078
2160	0.0988	8.26	26.4	1.33	0.0074
2370	0.0900	8.38	25.3	1.11	0.0053
2590	0.0824	8.50	24.2	1.11	0.0051
2830	0.0754	8.62	23.1	1.11	0.0046
3100	0.0688	8.74	22.0	1.11	0.0041
3390	0.0629	8.86	20.9	1.11	0.0038
3710	0.0575	8.95	20.0	0.89	0.0028
4060	0.0525	9.07	18.9	1.11	0.0032
4440	0.0480	9.17	18.0	0.89	0.0023
4850	0.0440	9.26	17.1	0.89	0.0022
5310	0.0402	9.36	16.2	0.89	0.0019
5810	0.0367	9.45	15.3	0.89	0.0018
6360	0.0335	9.55	14.4	0.89	0.0016
6950	0.0307	9.64	13.6	0.89	0.0015
7610	0.0280	9.71	12.9	0.67	0.0010
8320	0.0256	9.81	12.0	0.89	0.0013
9100	0.0234	9.90	11.1	0.89	0.0011
9960	0.0214	9.97	10.4	0.67	0.0008
10900	0.0196	10.04	9.8	0.67	0.0007
11900	0.0179	10.14	8.9	0.89	0.0009
13000	0.0164	10.21	8.2	0.67	0.0006
14300	0.0149	10.28	7.6	0.67	0.0005
15600	0.0137	10.35	6.9	0.67	0.0005
17100	0.0125	10.42	6.2	0.67	0.0004
18700	0.0114	10.50	5.6	0.67	0.0004
20400	0.0105	10.57	4.9	0.67	0.0004
22300	0.0096	10.64	4.2	0.67	0.0004
24400	0.0087	10.73	3.3	0.89	0.0004
26700	0.0080	10.80	2.7	0.67	0.0003
29300	0.0073	10.88	2.0	0.67	0.0003
32000	0.0067	10.92	1.6	0.44	0.0002
35000	0.0061	10.97	1.1	0.44	0.0001
38300	0.0056	10.99	0.9	0.22	0.0001
41900	0.0051	11.04	0.4	0.44	0.0001
45800	0.0047	11.07	0.2	0.22	0.0001
50100	0.0043	11.07	0.2	0.00	0.0000
54800	0.0039	11.09	0.0	0.22	0.0000
59500	0.0036	11.09	0.0	0.00	0.0000

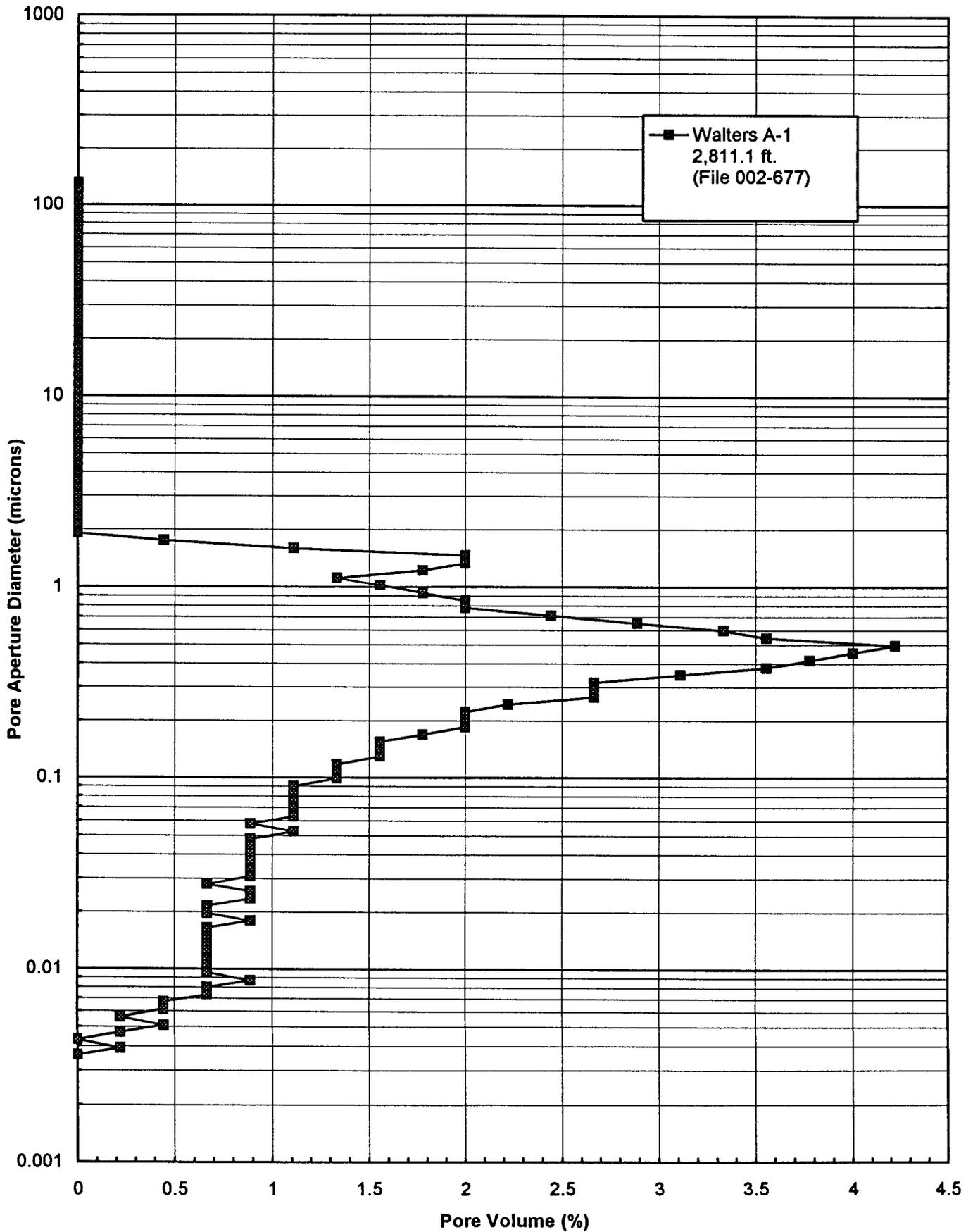
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,835.5 feet
File 002-678

Sample Information	
Bulk Volume = 12.4568 cc	Porosity = 6.91% (mercury)
Pore Volume = 0.8609 cc	Permeability = 0.0269 md (mercury)
Closure = 0.20%BV @ 430 psia	Median Pore Aperture = 0.1993 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.00	100.0	0.00	0.0000
1.80	119	0.00	100.0	0.00	0.0000
1.96	109	0.03	100.0	0.00	0.0000
2.15	99.2	0.03	100.0	0.00	0.0000
2.35	90.8	0.03	100.0	0.00	0.0000
2.57	83.0	0.03	100.0	0.00	0.0000
2.81	75.9	0.05	100.0	0.00	0.0000
3.08	69.3	0.05	100.0	0.00	0.0000
3.37	63.3	0.05	100.0	0.00	0.0000
3.68	58.0	0.05	100.0	0.00	0.0000
4.03	52.9	0.05	100.0	0.00	0.0000
4.41	48.4	0.05	100.0	0.00	0.0000
4.82	44.3	0.08	100.0	0.00	0.0000
5.27	40.5	0.08	100.0	0.00	0.0000
5.77	37.0	0.08	100.0	0.00	0.0000
6.31	33.8	0.08	100.0	0.00	0.0000
6.90	30.9	0.08	100.0	0.00	0.0000
7.55	28.3	0.08	100.0	0.00	0.0000
8.26	25.8	0.08	100.0	0.00	0.0000
9.04	23.6	0.08	100.0	0.00	0.0000
9.89	21.6	0.08	100.0	0.00	0.0000
10.8	19.8	0.08	100.0	0.00	0.0000
11.8	18.1	0.08	100.0	0.00	0.0000
12.9	16.5	0.08	100.0	0.00	0.0000
14.2	15.0	0.10	100.0	0.00	0.0000
15.5	13.8	0.10	100.0	0.00	0.0000
16.9	12.6	0.10	100.0	0.00	0.0000
18.5	11.5	0.10	100.0	0.00	0.0000
20.3	10.5	0.10	100.0	0.00	0.0000
22.2	9.61	0.10	100.0	0.00	0.0000
24.3	8.78	0.10	100.0	0.00	0.0000
26.6	8.02	0.10	100.0	0.00	0.0000
29.0	7.36	0.10	100.0	0.00	0.0000
31.8	6.71	0.10	100.0	0.00	0.0000
34.8	6.13	0.13	100.0	0.00	0.0000
38.0	5.61	0.13	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,835.5 feet
File 002-678

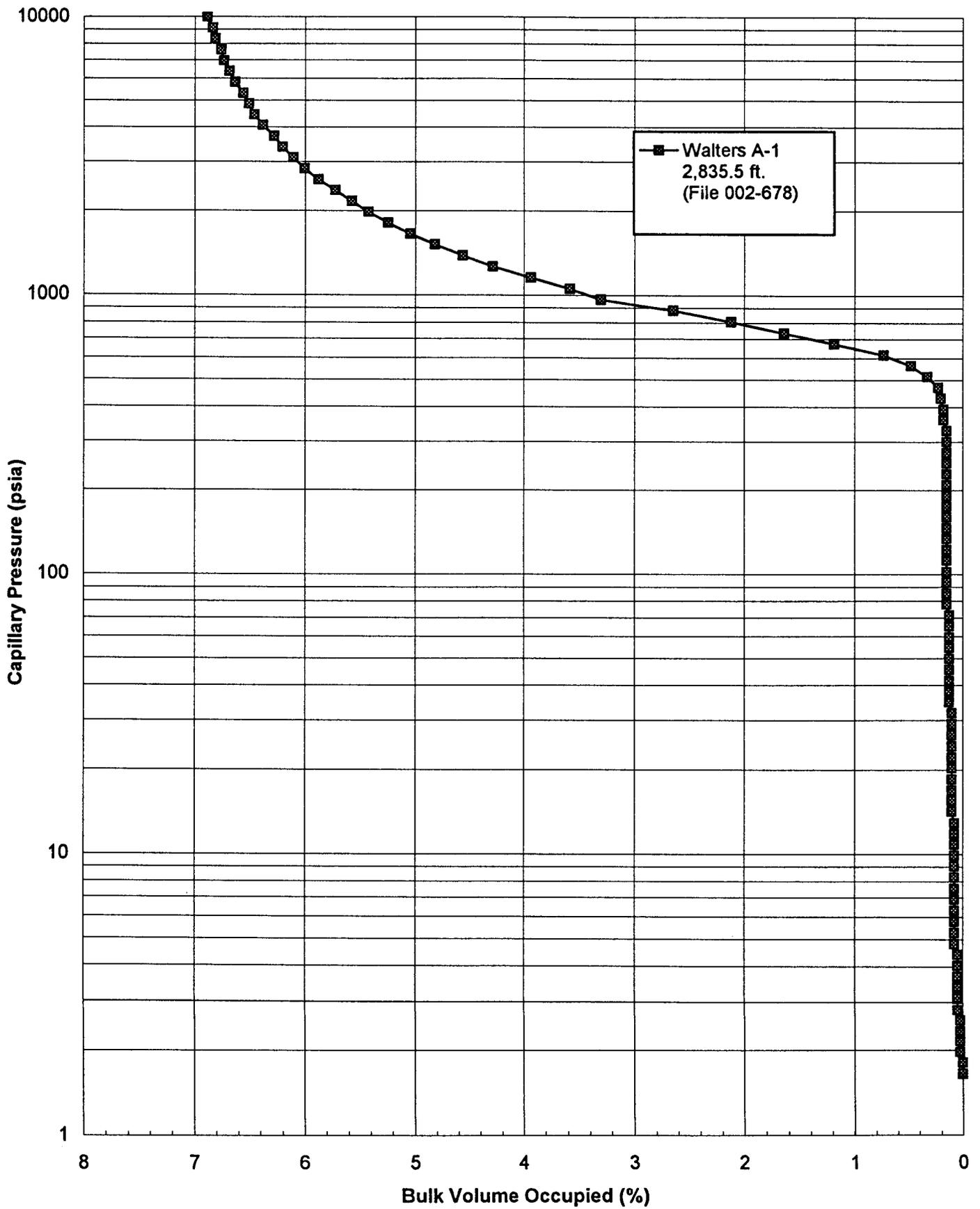
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.13	100.0	0.00	0.0000
45.5	4.69	0.13	100.0	0.00	0.0000
49.8	4.28	0.13	100.0	0.00	0.0000
54.5	3.91	0.13	100.0	0.00	0.0000
59.6	3.58	0.13	100.0	0.00	0.0000
65.2	3.27	0.13	100.0	0.00	0.0000
71.3	2.99	0.13	100.0	0.00	0.0000
78.0	2.73	0.15	100.0	0.00	0.0000
85.3	2.50	0.15	100.0	0.00	0.0000
93.4	2.28	0.15	100.0	0.00	0.0000
102	2.09	0.15	100.0	0.00	0.0000
112	1.90	0.15	100.0	0.00	0.0000
122	1.75	0.15	100.0	0.00	0.0000
134	1.59	0.15	100.0	0.00	0.0000
146	1.46	0.15	100.0	0.00	0.0000
160	1.33	0.15	100.0	0.00	0.0000
175	1.22	0.15	100.0	0.00	0.0000
191	1.12	0.15	100.0	0.00	0.0000
209	1.02	0.15	100.0	0.00	0.0000
229	0.932	0.15	100.0	0.00	0.0000
251	0.850	0.15	100.0	0.00	0.0000
274	0.779	0.15	100.0	0.00	0.0000
300	0.711	0.15	100.0	0.00	0.0000
328	0.650	0.15	100.0	0.00	0.0000
359	0.594	0.18	100.0	0.00	0.0000
393	0.543	0.18	100.0	0.00	0.0000
430	0.496	0.20	100.0	0.00	0.0000
470	0.454	0.23	99.6	0.36	0.0091
514	0.415	0.33	98.2	1.46	0.0332
563	0.379	0.48	96.0	2.19	0.0447
615	0.347	0.73	92.3	3.65	0.0702
673	0.317	1.19	85.8	6.57	0.1133
736	0.290	1.64	79.2	6.57	0.1043
806	0.265	2.12	72.3	6.93	0.0991
881	0.242	2.65	64.6	7.66	0.1022
964	0.221	3.30	55.1	9.49	0.1143
1050	0.203	3.58	51.1	4.01	0.0467
1150	0.186	3.93	46.0	5.11	0.0511
1260	0.169	4.29	40.9	5.11	0.0464
1380	0.155	4.57	36.9	4.01	0.0335
1510	0.141	4.82	33.2	3.65	0.0281
1650	0.129	5.04	29.9	3.28	0.0235

Mercury Injection Capillary Pressure

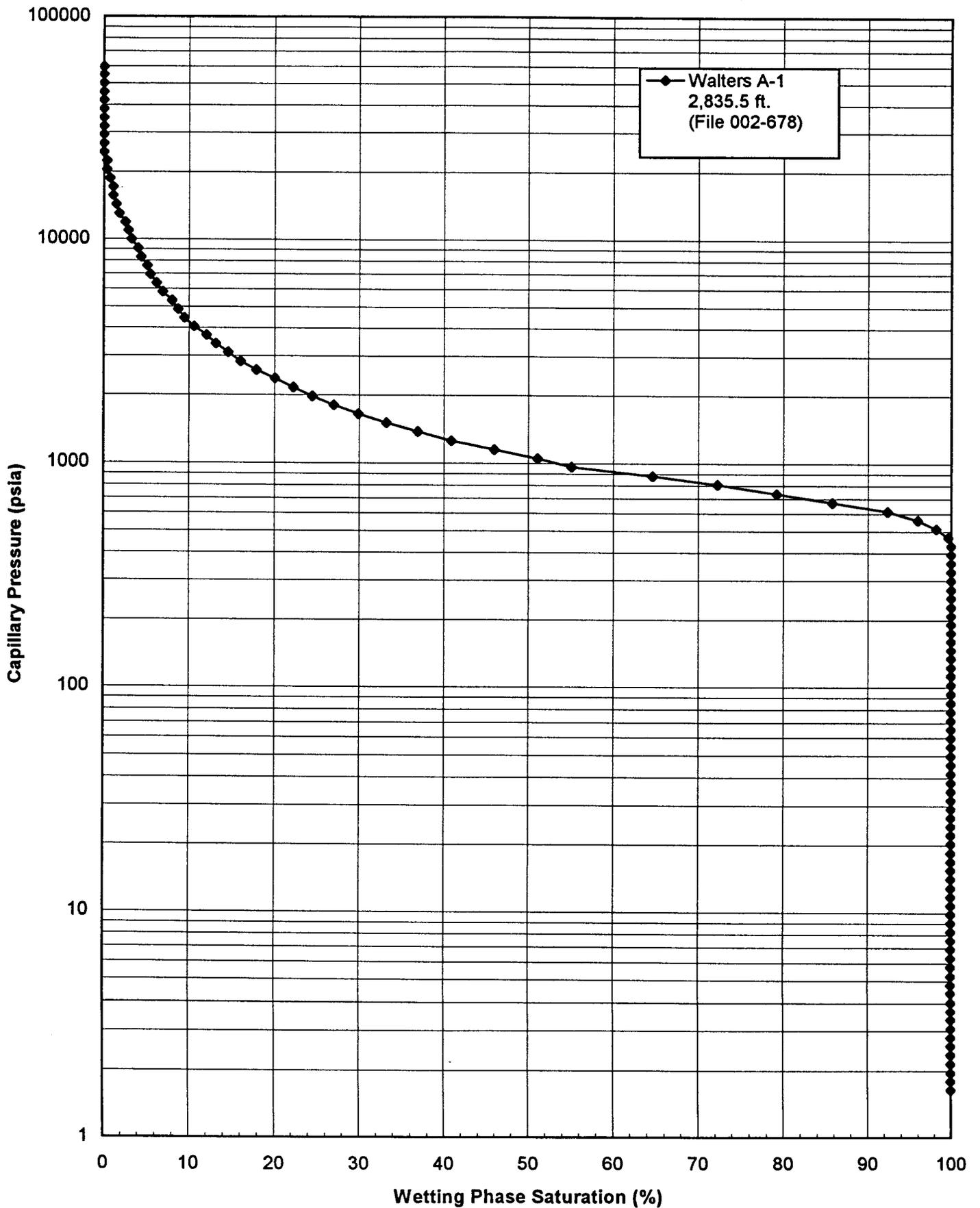
Walters A-1 : 2,835.5 feet
File 002-678

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	5.25	27.0	2.92	0.0182
1980	0.1077	5.42	24.5	2.55	0.0150
2160	0.0988	5.57	22.3	2.19	0.0122
2370	0.0900	5.73	20.1	2.19	0.0104
2590	0.0824	5.88	17.9	2.19	0.0100
2830	0.0754	6.00	16.1	1.82	0.0076
3100	0.0688	6.10	14.6	1.46	0.0054
3390	0.0629	6.20	13.1	1.46	0.0050
3710	0.0575	6.28	12.0	1.09	0.0034
4060	0.0525	6.38	10.6	1.46	0.0042
4440	0.0480	6.46	9.5	1.09	0.0029
4850	0.0440	6.51	8.8	0.73	0.0018
5310	0.0402	6.56	8.0	0.73	0.0016
5810	0.0367	6.63	6.9	1.09	0.0022
6360	0.0335	6.68	6.2	0.73	0.0013
6950	0.0307	6.73	5.5	0.73	0.0012
7610	0.0280	6.76	5.1	0.36	0.0006
8320	0.0256	6.81	4.4	0.73	0.0010
9100	0.0234	6.84	4.0	0.36	0.0005
9960	0.0214	6.89	3.3	0.73	0.0008
10900	0.0196	6.91	2.9	0.36	0.0004
11900	0.0179	6.94	2.6	0.36	0.0004
13000	0.0164	6.99	1.8	0.73	0.0007
14300	0.0149	7.01	1.5	0.36	0.0003
15600	0.0137	7.04	1.1	0.36	0.0003
17100	0.0125	7.04	1.1	0.00	0.0000
18700	0.0114	7.06	0.7	0.36	0.0002
20400	0.0105	7.09	0.4	0.36	0.0002
22300	0.0096	7.09	0.4	0.00	0.0000
24400	0.0087	7.11	0.0	0.36	0.0002
26700	0.0080	7.11	0.0	0.00	0.0000
29300	0.0073	7.11	0.0	0.00	0.0000
32000	0.0067	7.11	0.0	0.00	0.0000
35000	0.0061	7.11	0.0	0.00	0.0000
38300	0.0056	7.11	0.0	0.00	0.0000
41900	0.0051	7.11	0.0	0.00	0.0000
45800	0.0047	7.11	0.0	0.00	0.0000
50100	0.0043	7.11	0.0	0.00	0.0000
54800	0.0039	7.11	0.0	0.00	0.0000
59500	0.0036	7.11	0.0	0.00	0.0000

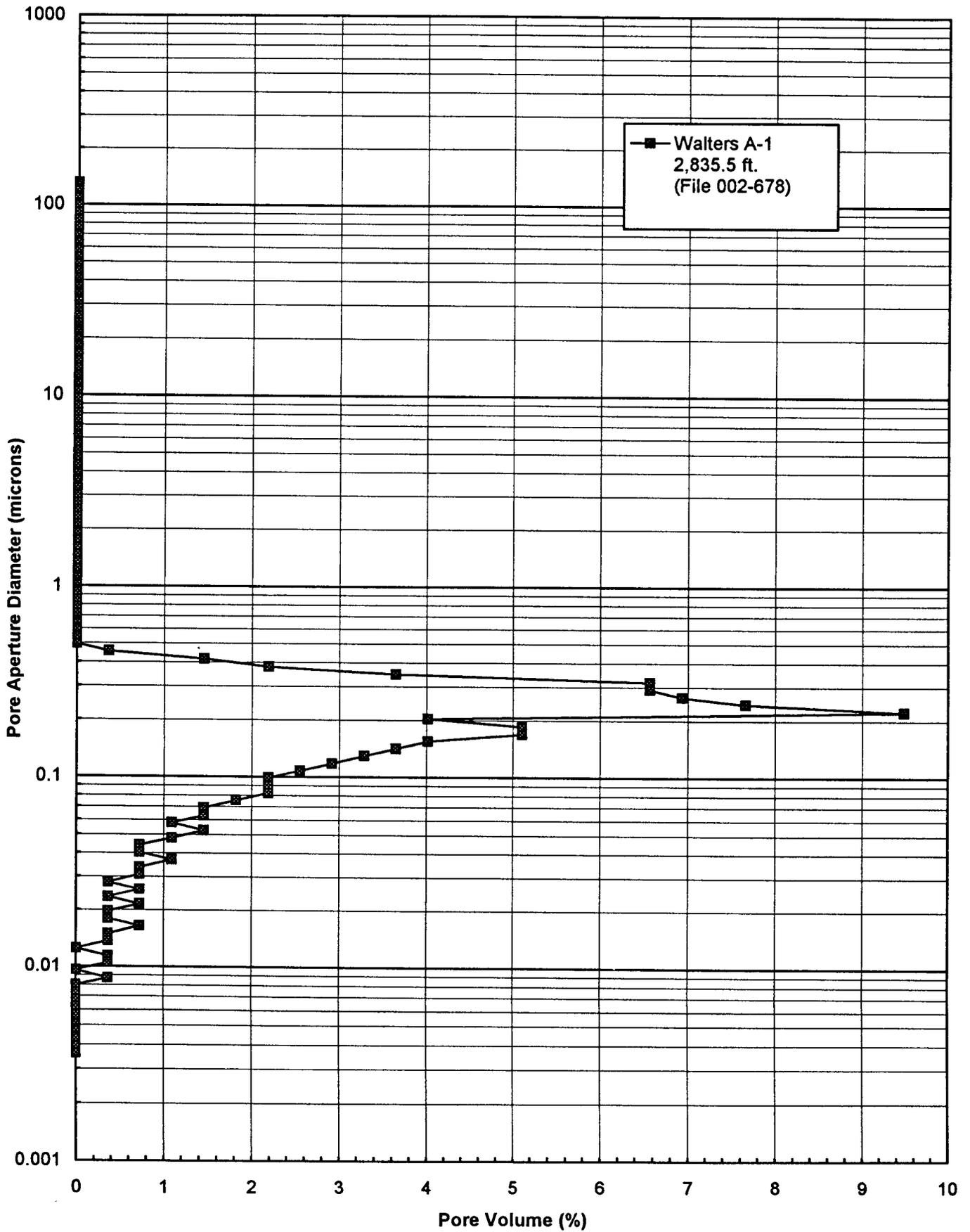
Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution



Mercury Injection Capillary Pressure

Walters A-1 : 2,854.0 feet
File 002-683

Sample Information	
Bulk Volume = 12.0445 cc	Porosity = 11.9% (mercury)
Pore Volume = 1.4317 cc	Permeability = 1.015 md (mercury)
Closure = 0.28%BV @ 59.6 psia	Median Pore Aperture = 0.9712 microns

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1.64	130	0.02	100.0	0.00	0.0000
1.80	119	0.02	100.0	0.00	0.0000
1.96	109	0.05	100.0	0.00	0.0000
2.15	99.2	0.07	100.0	0.00	0.0000
2.35	90.8	0.07	100.0	0.00	0.0000
2.57	83.0	0.09	100.0	0.00	0.0000
2.81	75.9	0.09	100.0	0.00	0.0000
3.08	69.3	0.12	100.0	0.00	0.0000
3.37	63.3	0.12	100.0	0.00	0.0000
3.68	58.0	0.12	100.0	0.00	0.0000
4.03	52.9	0.14	100.0	0.00	0.0000
4.41	48.4	0.14	100.0	0.00	0.0000
4.82	44.3	0.14	100.0	0.00	0.0000
5.27	40.5	0.14	100.0	0.00	0.0000
5.77	37.0	0.14	100.0	0.00	0.0000
6.31	33.8	0.14	100.0	0.00	0.0000
6.90	30.9	0.14	100.0	0.00	0.0000
7.55	28.3	0.14	100.0	0.00	0.0000
8.26	25.8	0.16	100.0	0.00	0.0000
9.04	23.6	0.16	100.0	0.00	0.0000
9.89	21.6	0.16	100.0	0.00	0.0000
10.8	19.8	0.16	100.0	0.00	0.0000
11.8	18.1	0.16	100.0	0.00	0.0000
12.9	16.5	0.16	100.0	0.00	0.0000
14.2	15.0	0.16	100.0	0.00	0.0000
15.5	13.8	0.16	100.0	0.00	0.0000
16.9	12.6	0.16	100.0	0.00	0.0000
18.5	11.5	0.18	100.0	0.00	0.0000
20.3	10.5	0.18	100.0	0.00	0.0000
22.2	9.61	0.18	100.0	0.00	0.0000
24.3	8.78	0.18	100.0	0.00	0.0000
26.6	8.02	0.18	100.0	0.00	0.0000
29.0	7.36	0.21	100.0	0.00	0.0000
31.8	6.71	0.21	100.0	0.00	0.0000
34.8	6.13	0.21	100.0	0.00	0.0000
38.0	5.61	0.23	100.0	0.00	0.0000

Mercury Injection Capillary Pressure

Walters A-1 : 2,854.0 feet

File 002-683

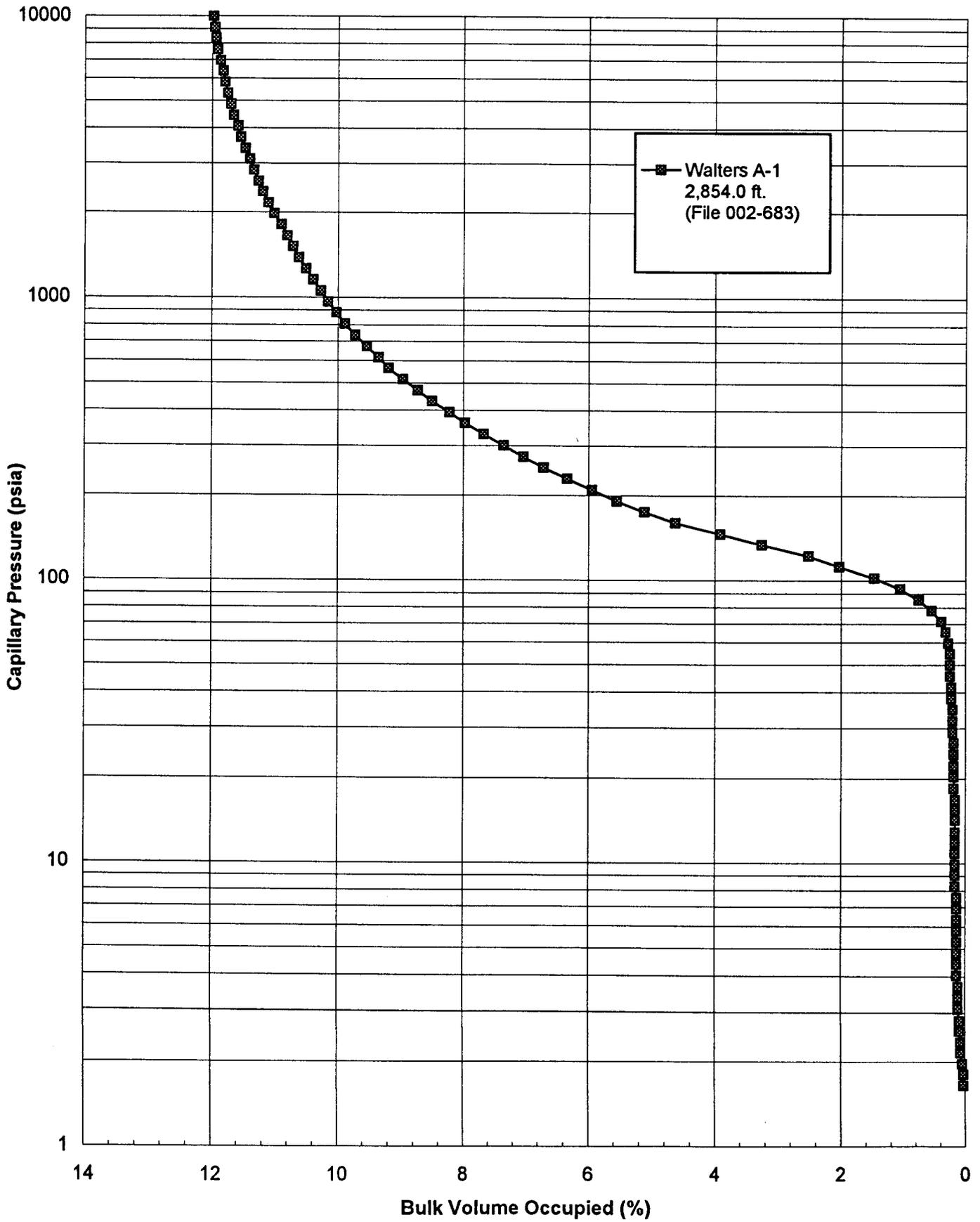
Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
41.6	5.13	0.23	100.0	0.00	0.0000
45.5	4.69	0.25	100.0	0.00	0.0000
49.8	4.28	0.25	100.0	0.00	0.0000
54.5	3.91	0.25	100.0	0.00	0.0000
59.6	3.58	0.28	100.0	0.00	0.0000
65.2	3.27	0.32	99.6	0.39	0.0692
71.3	2.99	0.39	99.0	0.58	0.0953
78.0	2.73	0.55	97.7	1.36	0.2025
85.3	2.50	0.76	95.9	1.74	0.2389
93.4	2.28	1.06	93.4	2.52	0.3110
102	2.09	1.47	89.9	3.49	0.4056
112	1.90	2.03	85.3	4.65	0.4651
122	1.75	2.51	81.2	4.07	0.4070
134	1.59	3.25	75.0	6.20	0.5168
146	1.46	3.92	69.4	5.62	0.4683
160	1.33	4.63	63.4	6.01	0.4291
175	1.22	5.11	59.3	4.07	0.2713
191	1.12	5.55	55.6	3.68	0.2301
209	1.02	5.94	52.3	3.29	0.1830
229	0.932	6.34	49.0	3.29	0.1647
251	0.850	6.70	45.9	3.10	0.1409
274	0.779	7.03	43.2	2.71	0.1180
300	0.711	7.35	40.5	2.71	0.1044
328	0.650	7.67	37.8	2.71	0.0969
359	0.594	7.97	35.3	2.52	0.0813
393	0.543	8.22	33.1	2.13	0.0627
430	0.496	8.50	30.8	2.33	0.0629
470	0.454	8.73	28.9	1.94	0.0484
514	0.415	8.96	26.9	1.94	0.0440
563	0.379	9.19	25.0	1.94	0.0396
615	0.347	9.35	23.6	1.36	0.0261
673	0.317	9.54	22.1	1.55	0.0267
736	0.290	9.72	20.5	1.55	0.0246
806	0.265	9.88	19.2	1.36	0.0194
881	0.242	10.02	18.0	1.16	0.0155
964	0.221	10.16	16.9	1.16	0.0140
1050	0.203	10.27	15.9	0.97	0.0113
1150	0.186	10.39	14.9	0.97	0.0097
1260	0.169	10.50	14.0	0.97	0.0088
1380	0.155	10.62	13.0	0.97	0.0081
1510	0.141	10.71	12.2	0.78	0.0060
1650	0.129	10.80	11.4	0.78	0.0055

Mercury Injection Capillary Pressure

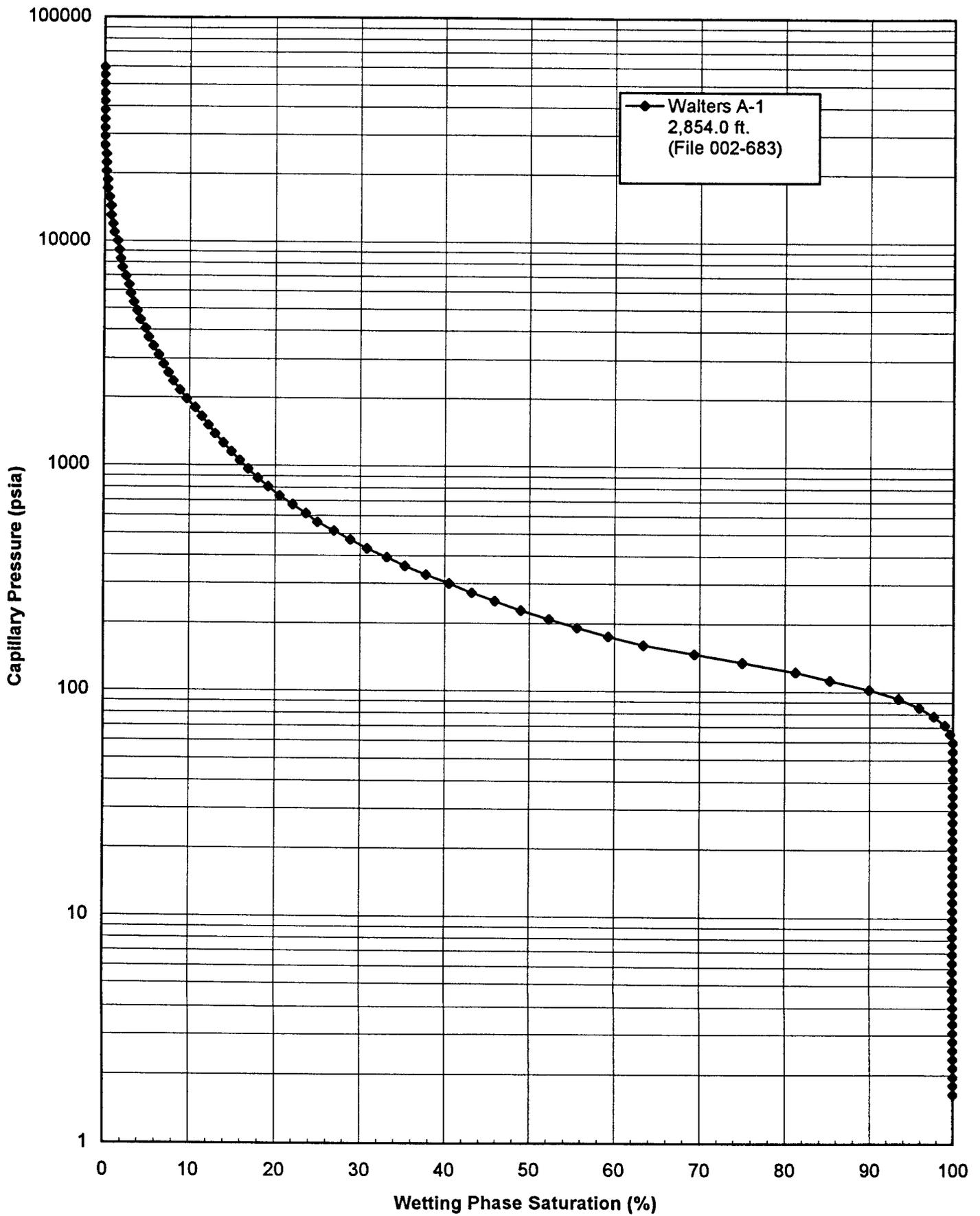
Walters A-1 : 2,854.0 feet
File 002-683

Capillary Pressure (psia)	Pore Aperture Diameter (microns)	Cumulative Bulk Vol. (%)	Wetting Phase Saturation (%)	Incremental Wetting Phase Change (%)	Saturation Change per psia
1810	0.1179	10.90	10.7	0.78	0.0048
1980	0.1077	11.01	9.7	0.97	0.0057
2160	0.0988	11.10	8.9	0.78	0.0043
2370	0.0900	11.20	8.1	0.78	0.0037
2590	0.0824	11.27	7.6	0.58	0.0026
2830	0.0754	11.33	7.0	0.58	0.0024
3100	0.0688	11.40	6.4	0.58	0.0022
3390	0.0629	11.47	5.8	0.58	0.0020
3710	0.0575	11.54	5.2	0.58	0.0018
4060	0.0525	11.59	4.8	0.39	0.0011
4440	0.0480	11.66	4.3	0.58	0.0015
4850	0.0440	11.70	3.9	0.39	0.0009
5310	0.0402	11.75	3.5	0.39	0.0008
5810	0.0367	11.79	3.1	0.39	0.0008
6360	0.0335	11.82	2.9	0.19	0.0004
6950	0.0307	11.86	2.5	0.39	0.0007
7610	0.0280	11.91	2.1	0.39	0.0006
8320	0.0256	11.93	1.9	0.19	0.0003
9100	0.0234	11.96	1.7	0.19	0.0002
9960	0.0214	11.98	1.6	0.19	0.0002
10900	0.0196	12.03	1.2	0.39	0.0004
11900	0.0179	12.05	1.0	0.19	0.0002
13000	0.0164	12.07	0.8	0.19	0.0002
14300	0.0149	12.07	0.8	0.00	0.0000
15600	0.0137	12.09	0.6	0.19	0.0001
17100	0.0125	12.12	0.4	0.19	0.0001
18700	0.0114	12.12	0.4	0.00	0.0000
20400	0.0105	12.14	0.2	0.19	0.0001
22300	0.0096	12.14	0.2	0.00	0.0000
24400	0.0087	12.14	0.2	0.00	0.0000
26700	0.0080	12.16	0.0	0.19	0.0001
29300	0.0073	12.16	0.0	0.00	0.0000
32000	0.0067	12.16	0.0	0.00	0.0000
35000	0.0061	12.16	0.0	0.00	0.0000
38300	0.0056	12.16	0.0	0.00	0.0000
41900	0.0051	12.16	0.0	0.00	0.0000
45800	0.0047	12.16	0.0	0.00	0.0000
50100	0.0043	12.16	0.0	0.00	0.0000
54800	0.0039	12.16	0.0	0.00	0.0000
59500	0.0036	12.16	0.0	0.00	0.0000

Mercury Injection Capillary Pressure (Bulk Volume)



Mercury Injection Capillary Pressure (Pore Volume)



Pore Aperture Size Distribution

