

The minutes of the special session of February 12, 1951 were read and approved.

Mr. Thomas called attention to the amount of cash in the Prospector Park Fund and recommended that consideration be given to the investment of these additional funds and to their transfer to the Randall Dormitory Fund. Motion was made by Mr. Thomas, seconded by Mr. Stockmar, and unanimously passed, that the sum of \$15,000 be transferred from the Prospector Park Fund to the Randall Dormitory Fund and that this sum be invested in Government bonds.

The situation of the appropriation request to the Legislature was reviewed. President Vanderwilt called attention to the fact that inasmuch as the salaries of Civil Service employees had been increased by action of the State Legislature, it would probably be necessary to review the faculty salary schedules and the student wage rates as soon as the amount of the School's appropriation granted by the Legislature became known.

The status of the architect's plans and specifications for the Petroleum Engineering Building was discussed. In order to be prepared to proceed without delay as soon as the architect, Mr. Robert K. Fuller, has completed his work, the following resolution was adopted unanimously by the Board:

RESOLVED, That President Vanderwilt be and hereby is authorized and instructed to request authority from The Colorado State Planning Commission to call for bids, let contracts and proceed with the construction and equipping of the Petroleum Engineering Building, in accordance with plans and specifications prepared by Mr. Robert K. Fuller, architect, under a contract dated October 4, 1940, all at an estimated cost of \$1,150,000, and be it

FURTHER RESOLVED, That the cost of construction and equipping, including architectural and engineering services be paid from funds as follows:

Special Building Fund	\$1,104,529.78
Anticipation Warrants	<u>45,470.22</u>

Total \$1,150,000.00

President Vanderwilt called attention to the fact that the Edmond C. van Diest Fund and the Charles N. Bell Prize Fund through ownership of telephone stock had eleven rights, with a market value of around \$2.00 each, which would expire in the near future. These rights could be used to purchase an additional share of

stock, which purchase would virtually deplete the cash on hand in the funds, or the rights could be sold and credited to each fund in the proportion of the stock held by each. Upon motion by Mr. Thomas, seconded by Mr. Harrison, the following resolution was unanimously adopted by the Board:

RESOLVED, That Gurnett Steinhauer, Treasurer of the Colorado School of Mines Board of Trustees, be and hereby is authorized to arrange for the sale of the rights of the American Telephone and Telegraph Company stock held by the Edmond C. van Diest Fund and the Charles N. Bell Prize Fund, and is hereby authorized to endorse these rights; and be it

FURTHER RESOLVED, That the proceeds from the sale of these rights be credited to each fund in the proportion of the stock held by each.

The items of business requiring Board action having been completed, Mr. Stockmar asked to be excused. The meeting continued with general discussions on current problems.

There was a discussion regarding the future payments of warrants for construction on the Chemistry Building. The cash balance in the Building Mill Levy Fund is adequate for one or two months for anticipated expenditures under the building contracts, after which it would be necessary to arrange for the issuance of anticipation warrants or to pay the warrants from funds available in the Special Building Fund Earmarked for the Petroleum Engineering Building, which amount would cover approximately one-third of the cost of the Chemistry Building. It was decided that a final decision would be dependent on the revised cost for the Petroleum Engineering Building, which should be available from the architect in the near future. It was felt that the plans for financing the Petroleum Engineering Building and the remaining construction of the Chemistry Building should be planned to keep interest rates at a minimum by delaying issuance of anticipation warrants as long as possible by use of cash funds that may be available.

The Board was recessed and the members, together with President Vanderwilt, went to lunch, after which the meeting was reconvened.

President Vanderwilt explained that the School had been approached by the Golden Chamber of Commerce for a membership contribution in the amount of \$25.00 which amount would provide for five individual memberships. In the past the Golden Chamber of Commerce

has cooperated with the School in many ways, and Mr. Steinhauer had recommended, and President Vanderwilt concurred in this recommendation, that such a membership contribution was justified. Messrs. Thomas and Harrison were of the opinion that it would be desirable for the School to participate in the activities of the Golden Chamber of Commerce.

President Vanderwilt announced that each member of the faculty had signed and had had notarized a loyalty oath in triplicate as required by law. One copy of each of the loyalty oaths was sent to Mrs. Nettie S. Freed, Commissioner of Education; one copy was maintained in the School files; and one copy was returned to the signer.

President Vanderwilt announced that the biographies of a number of Colorado School of Mines alumni recommended for consideration for Distinguished Achievement Medals were being prepared and would be mailed to each of the members of the Board of Trustees within a few days. Dr. Vanderwilt expressed the hope that the notice of the Board's decision might be mailed to the recipients of the awards as soon as possible.

The balance of the meeting was devoted to a review of a long-range program for providing funds from private sources to supplement State funds for continued growth of the School.

President Vanderwilt summarized his correspondence and meetings with the presidents of several institutions who have engaged in fund-raising programs, and he stated that he felt that the program followed at Grinnell College, Grinnell, Iowa, seemed the most logical and desirable. This program was one essentially of sound publicity and public relations with industry and the public who are interested in the work done by the school and whose interest could be directed to the school to assist in its problems related to graduate and regular teaching scholarships, fellowships, and providing funds for improving the physical facilities of the school. The direct appeal for funds was subordinated and much effort was devoted toward developing an interest on the part of industry and the public in the affairs and in the services offered by the school. The majority of those consulted advised that whatever plan may be followed, it will require a well-trained director who will make the project his first interest and who will devote most of his time to the work of the program. The minimum cost of such a program would be between \$20,000 and \$25,000 a year, and three to five years should be allowed for the program to become self-supporting.

Mr. Thomas expressed the view that to support a long-range program for at least five years as outlined by President Vanderwilt, an attempt should be made to work out a plan for raising the necessary funds through the alumni. Mr. Harrison agreed with Mr. Thomas, and President Vanderwilt was requested to meet with Mr. R. H. Volk and other alumni to obtain their views and to find out if Mr. Volk would be interested in working with the Board of Trustees in developing plans for a suitable program. Mr. Thomas suggested that if Mr. Volk were willing to undertake the job, it would be desirable to have a special meeting of the Board with Mr. Volk at an early date in order to review the over-all purpose of the long-range program that was under consideration. It was also decided that Mr. Thomas and President Vanderwilt should arrange for a conference with Governor Dan Thornton in order to acquaint him with the plans that were being considered in order to get his approval if possible and also to find out if there would be any technicalities that might affect the program.

The meeting adjourned at 3:30 P.M.

Secretary

Denver, Colorado
March 21, 1951

The Board of Trustees met in special session on Wednesday, March 21, at 10:00 A.M. in the library of the University Club, Denver, Colorado.

Present: Messrs. Bowen, Harrison and Thomas.

Absent: Messrs. Parker and Stockmar.

President Vanderwilt attended the meeting. Also present by invitation were Messrs. John J. Kelley, Garnett Steinhauer, and R. H. Volk.

The prime purpose of the meeting was to review with Mr. Volk the thinking of the Board of Trustees regarding its contemplated plans for initiating a long-range program for obtaining for the School funds and other assistance from private sources to supplement State funds and student tuition.

Mr. Thomas opened the meeting with a summary of his and President Vanderwilt's conference with Governor Dan Thornton at which the general program for obtaining funds was outlined for the Governor's reaction. Governor Thornton showed an openly friendly, sympathetic attitude and without hesitation expressed his personal approval, but he advised that the plan be discussed with the Colorado State Planning Commission for its reaction and approval of that part of the program that might come under its jurisdiction. The Governor called Mr. Ross Brown, his administrative assistant, to take part in the discussion to consider the possibility of technicalities that might affect the program if it were to be financed by both State funds and private funds. Both the Governor and Mr. Brown expressed the view that probably there would not be any objection to using State funds for a reasonable proportion of the cost of a fund-raising program inasmuch as the benefits and the funds that might come to the Colorado School of Mines Foundation would be used for the direct benefit of the Colorado School of Mines. However, Mr. Brown was instructed by the Governor to discuss the situation with the Attorney General and to advise the Board of the outcome of this discussion.

Mr. Volk stated that after his meeting with Messrs. Thomas and Vanderwilt a few days ago, when he agreed to assume the responsibility of raising funds from the alumni to support a long-range program, he had given much thought to the problem. He stated that he felt that a complete presentation of the program to the alumni should be made eventually and possibly the best medium would be the "Mines Magazine" which he thought

might be planned along the lines of the September 1936 issue of the "Mines Magazine". For the immediate needs he stated that perhaps a leaflet or pamphlet similar to the folder that was prepared and presented recently to the Legislature, as had been suggested by Mr. Thomas, would be worthwhile. He stated that before he would have any recommendations to offer, he would like to have some further information as to the nature and status of the campus planning that had been done recently at the Colorado School of Mines.

Mr. Kelley then summarized his report on campus planning which, he explained, in reality was a continuation in a more detailed form of "The Proposed Development of the Colorado School of Mines, 1947-1977", dated January 1, 1950, that was on file with the Colorado State Planning Commission.

Mr. Steinhauer verified the fact that, with the completion of the Chemistry Building and the contemplated Petroleum Engineering Building, which it was expected could be started this summer, all of the building mill levy income for the current ten-year period ending in 1957 would be expended, including income from the Mineral Leasing Act through about 1953. Mr. Kelley's estimate of the building and improvements needed would require a total of around \$3,000,000. Based on the income of the Mill Levy Fund for the past years, it would require two ten-year periods to accumulate this amount. If the Mineral Leasing Act could be made secure, it could be expected to provide funds in the amount of \$300,000 to \$325,000 a year, probably for ten more years after 1953, but all of these funds might not be available for general building needs because the Mineral Leasing Act restricts the use of the fund to petroleum engineering. Although it is not possible to anticipate State revenue ten or more years into the future, indications are that if the School is limited to State funds for its building program, it would require ten to twenty years, beginning in 1957, to complete such a program as is now being contemplated.

President Vanderwilt explained that in addition to the physical facilities with which the long-range program for raising funds would be concerned, additional funds can be used to advantage for needs related to the faculty problems and services, such as endowments for chairs; further development of the graduate school; facilities for graduate work, which is essential for a strong graduate program; and funds for scholarships and fellowships. After discussion of the subject with Dean Signer, it had been estimated that in addition to revenue expected from State sources, a minimum income of \$120,000 annually could be used to great advantage to the School. Without assistance and with the teaching facilities dependent on State revenue, the School will continue to show improvement in the future, as has been possible in the past, but it is

apparent that the rate of improvement will be slower and, therefore, an increase in assistance from funds from outside sources to supplement revenue from State sources is desirable.

President Vanderwilt was instructed to discuss the problem with Mr. Goodwin, Director of Publications, and with other members of the staff and to have Mr. Goodwin present as soon as possible suggestions and recommendations for a folder to be used in the drive to obtain financial support from the alumni for the long-range program for the review of Mr. Volk and members of the Board.

The Board was recessed and the members, together with President Vanderwilt and the invited guests, went to lunch.

After lunch Mr. Volk excused himself and left the meeting. The members of the Board, President Vanderwilt, Mr. Kelley, and Mr. Steinhauer resumed the meeting to consider the desirability of preparing an application to be submitted to the House and Home Finance Agency for the construction of housing facilities for students and faculty. According to regulations received from the Denver office administering the Housing Act, the funds to be made available will be dependent on a showing of close relation to the defense program. President Vanderwilt explained that it was necessary to have a recommendation from the Board as to the type of facility that is desired at the School. It was President Vanderwilt's recommendation that an application should be made for funds for a dormitory and also for funds for additional housing facilities for the faculty, which requests could be related to the ROTC program. Colonel Fertig had stated that the need for eight to ten apartments could be justified for the ROTC teaching and administrative staff of ten to twelve families. A decision would have to be reached as to the desirable size for a dormitory, which, according to past discussions, would seem to be accommodations for between 80 and 125 men.

President Vanderwilt expressed his opinion that with a unit to accommodate 80 to 100 men little difficulty could be anticipated in maintaining full occupancy, but that beyond this number he felt less sure of keeping the dormitory fully occupied. He said that he had discussed with Dr. Parker the desirable size for a dormitory and that Dr. Parker was also of the opinion that an 80- to 100-unit dormitory would be a desirable size. President Vanderwilt had not had an opportunity to discuss this subject with Mr. Stockmar recently so he did not know his views. President Vanderwilt pointed out that an additional reason for favoring a smaller unit was the fact that the Eudaly property purchased last summer is large enough for such a unit but that additional ground would have to be

provided for a dormitory with a substantially larger capacity. Mr. Steinhauer expressed the view that a larger unit, possibly for 125 men, would be desirable if the ground could be provided to accommodate it. Mr. Bowen said that he thought it would be logical to plan as small a unit as could be built with economy and then later, after experience had shown that an additional unit could be used, it would not be too difficult to provide another unit. Mr. Thomas suggested that it might be desirable at this stage to consider a 100- to 125-unit dormitory for the purpose of obtaining further information from the housing authorities as to the conditions under which a loan might be granted and that after Mr. Steinhauer had had an opportunity to discuss these questions with Mr. E. Sandquist, the Division Manager of the House and Home Finance Agency, who will review the applications, a final decision could be reached as to the amount for which the application should be filed.

It was moved by Mr. Harrison, seconded by Mr. Bowen, and unanimously agreed, that a 100- to 125-unit dormitory be used as the basis for obtaining information about the conditions under which a loan might be granted by the House and Home Finance Agency. ✓

President Vanderwilt presented the names of several men, the biographies of whom had been sent to each member of the Board, for consideration for Distinguished Achievement Medals to be awarded at the Commencement exercises this year. The members of the Board present approved, subject to the approval of the absent members of the Board, the awarding of Distinguished Achievement Medals to Mr. A. Hartwell Bradford, Mr. Edward J. Brook, and Mr. Ernest E. Thum at the Commencement exercises on May 25, 1951. President Vanderwilt was instructed to notify these men of their selection for the award and to call their attention to the fact that it is not the policy of the Board to award medals in absentia except under unusual circumstances. ✓

The meeting adjourned at 3:00 P.M.

Secretary

Denver, Colorado
April 13, 1951

The Board of Trustees met in regular session on April 13, 1951, at 10:00 A.M. in the library of the University Club in Denver, Colorado.

Present: Messrs. Parker, Stockmar, and Thomas.

Absent: Messrs. Bowen and Harrison.

President Vanderwilt attended the meeting.

Bills against the U. S. MINERAL LEASING ACT FUND, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited and allowed as follows:

U. S. MINERAL LEASING ACT FUND

FACULTY PAY ROLL

1443	Wilburn F. Anderson	\$265.95
1444	James L. Atteberry, Jr.	243.01
1445	Henry A. Babcock	290.24
1446	James O. Ball	418.07
1447	Clark F. Barb	420.32
1448	Paul F. Bartunek	287.65
1449	George T. Bator	345.11
1450	Victor W. Bauman	253.17
1451	Robert A. Baxter	351.60
1452	Keith E. Bowen	227.28
1453	Frtiz S. Brennecke	379.82
1454	John G. Brummel	253.14
1455	H. Dean Burdick	285.70
1456	William V. Burger	320.11
1457	Frank R. Campbell	267.86
1458	Clark B. Carpenter	410.02
1459	Frederick M. Carpenter	302.47
1460	William J. Chapitis	252.60

U.S. MINERAL LEASING ACT

FACULTY PAYROLL

1461	Franklin F. Clark	263.17
1462	John M. Coke	314.20
1463	William A. Colburn	223.01
1464	George S. Cook	312.04
1465	Albert J. Cornish	294.85
1466	Joseph E. Davies	304.85
1467	Hazel M. Duer	211.62
1468	Walter H. Dumke	304.20
1469	Arthur K. Erickson	244.49
1470	James R. Everett	331.35
1471	Wendell W. Fertig	276.00
1472	Edward G. Fisher	299.76
1473	Delton D. Flanders	352.29
1474	Hilbert E. Fletcher	294.85
1475	George D. Fraser	234.43
1476	Hugo H. Gesiller	270.65
1477	Leroy W. Goodwin	326.20
1478	Albert L. Gosman	218.61
1479	Arlie V. Goynes Jr.	233.01
1480	Donald C. Gregg	223.01
1481	Leonard B. Gulbransen	262.14
1482	Raymond Gutzman	243.01
1483	John C. Hagen	183.05
1484	L. W. Hartkemeier	332.36
1485	Ivan L. Hebel	366.11
1486	Julius A. Heeren	299.90
1487	George W. Heim	254.84
1488	K. W. Herness	225.70
1489	John C. Hollister	416.65
1490	William Horblit	153.70
1491	W. Warren Howe	358.75
1492	Mary E. Hoyt	243.59
1493	E. B. Jacobs	256.14
1494	George W. Johnson	255.15
1495	J. Harlan Johnson	335.05
1496	D. C. Johnston	314.59
1497	William H. Jurney	362.36
1498	John M. Karamigios	185.64
1499	Paul H. Keating	262.91
1500	Albert M. Keenan	342.24
1501	Edward A. Kehn	146.67
1502	John J. Kelley	379.21
1503	T. A. Kelly	341.07
1504	Harry E. Kelsey	297.52
1505	Truman H. Kuhn	349.32
1506	Arden L. Larson	226.64
1507	George W. LeMaire	282.11
1508	L. W. Leroy	343.52
1509	William S. Levings	253.17
1510	Clifton W. Livingston	421.61
1511	V. Allan Long	359.86
1512	T. B. McPherson	269.74
1513	Warren J. Mason	243.17
1514	W. D. Mateer	277.35

U. S. MINERAL LEASING ACT FUND

FACULTY PAYROLL

1515	George T. Meredith	329.32
1516	William M. Mueller	255.97
1517	Carl G. Nordquist	251.55
1518	Robert B. Osborn	322.47
1519	Thomas E. Paynter	299.81
1520	A. L. Pierce	224.60
1521	Ronald D. Preston	314.32
1522	Arthur L. Rae	292.97
1523	Stanley Reichert	255.97
1524	W. M. Richtmann	323.13
1525	Paul A. Rodgers	228.09
1526	Frederick M. Sabott	233.47
1527	George W. Salzer	368.87
1528	Theodore Schreiber	88.00
1529	Harlan E. Short	317.61
1530	M. I. Signer	460.19
1531	Francis E. Smiley Jr.	253.17
1532	Morton C. Smith	330.11
1533	Raymond V. Smith	228.10
1534	Sigmund L. Smith	260.65
1535	Gladys W. Sparr	205.06
1536	Charles W. Starks	257.79
1537	Gurnett Steinhauer	470.19
1538	W. Alan Stewart	240.89
1539	Harrison E. Stommel	262.24
1540	John W. Vanderwilt	682.70
1541	Arthur B. VanTine	243.17
1542	F. M. Van Tuyl	391.27
1543	Warren R. Wagner	325.17
1544	Leon S. Ward	387.50
1545	Arthur P. Wichmann	344.76
1546	Virginia Lee Wilcox	203.85
1547	Art Williams	247.67
1548	Floyd J. Williams	105.13
1549	Parke O. Yingst	130.90

TOTAL FACULTY PAYROLL

31,088.26

U. S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

1550	Arthur M. Angell	180.38
1551	George S. Atkinson	190.00
1552	C. A. Bacon	174.25
1553	Miriam W. Bain	158.65
1554	Tom Bernatis	164.95
1555	Marilyn E. Bolender	166.30
1556	Delbert L. Boone	176.67
1557	Frank J. Braun	144.95
1558	W. F. Bridges	188.55
1559	Edward Brill	185.25
1560	Harold V. Brobeck	196.32
1561	William D. Caldwell	148.20

U. S. MINERAL LEASING ACT

CIVIL SERVICE PAYROLL

1562	Paul L. Chambers	156.30
1563	Willa Jean Charon	160.35
1564	Engra M. Childers	194.55
1565	James E. Conahan	138.20
1566	J. L. Cooper	176.30
1567	Richard K. Day	127.87
1568	Earl Dickens	283.70
1569	Carson L. Doss	301.75
1570	Sterling L. Dryden	180.50
1571	Fred D. Easley	207.00
1572	John Guy Foster	142.27
1573	Howard H. Fowler	271.80
1574	Robert E. Gibson	133.50
1575	Agnes M. Greenaway	166.30
1576	Joyce Hall	156.30
1577	Bert F. Harrison	165.30
1578	Donna E. Hayes	170.35
1579	C. G. Hemberger	237.90
1580	J. J. Hemberger	243.60
1581	Chester P. Herr	178.55
1582	Richard N. Heyman	164.95
1583	Vernon Lee Hopwood	181.70
1584	Violet K. Horning	184.27
1585	Carl H. Hungness	199.50
1586	Waldo R. Keenan	232.75
1587	John D. Knopf	189.00
1588	Edward Lange	171.10
1589	William Lee	198.15
1590	Donld Ljungvall	201.57
1591	Orville O. Loving	212.10
1592	Antonio E. Manchego	166.25
1593	Vasil C. Mandiloff	166.25
1594	Charles Marchand	203.05
1595	Thomas Marvin	145.65
1596	Lois H. Mathews	156.30
1597	Walter Mattson	187.42
1598	O. F. Maughan	204.10
1599	Chris Mester	189.52
1600	Peter Mineff	158.20
1601	Flore Morosan	171.00
1602	Maurice C. Nelson	111.78
1603	Clarence Nicholls	225.12
1604	M. F. O'Neil	197.02
1605	Consuelo A. Owens	126.64
1606	Mary M. Faddleford	175.75
1607	Jesse E. Payne	181.70
1608	John W. Pickthall	256.20
1609	Dorothy J. Prouse	161.05
1610	Jacob T. Pyle	171.25
1611	Stanley Ratajczyk	34.02
1612	John B. Ratcliff	169.15
1613	James R. Rich	189.12
1614	Robert H. Richards	224.70
1615	Kathleen J. Riley	161.25
1616	Rose Marie Rowe	161.05
1617	Ruth N. Sackett	163.40

U. S. MINERAL LEASING ACT

CIVIL SERVICE

1618	Albert E. Simpson	199.12
1619	Faye Silvers	156.30
1620	James Smith	212.57
1621	Mary C. Son	187.77
1622	Gustaf F. Stalgren	175.75
1623	Leslie B. Talbert	162.45
1624	Charles S. Thomas	167.20
1625	Herman C. Van Blois	164.95
1626	Ernest E. Waters	262.90
1627	Louise W. Waters	178.62
1628	A. G. Webster	194.02
1629	Charles R. White	176.30
1630	Robert W. Williams	176.30

TOTAL CIVIL SERVICE PAYROLL

14,673.11

U. S. MINERAL LEASING ACT

MISCELLANEOUS PAYROLL

1631	Sara Roberts Borthick	170.75
1632	Douglas R. Cook	81.60
1633	Margaret P. Cook	175.80
1634	Julia E. Coppedge	181.50
1635	Beulah Davis	45.05
1636	Mamuel De. B. Dias	49.50
1637	Harold H. Earhart	346.20
1638	Wesley Eckley	100.00
1639	R. H. Elliott	65.00
1640	Delbert E. Farrell	147.74
1641	Allen D. Gray	164.00
1642	Grgurich, Paul	194.12
1643	Beverly J. Griffith	165.80
1644	Niles E. Grosvenor	100.00
1645	Fred H. Hartman	19.00
1646	David L. Hoover	153.70
1647	Louise W. Hughes	175.80
1648	Mirko Jancic	224.60
1649	Betty L. Johnson	166.30
1650	William Robert Johnson	163.70
1651	Virginia Mae King	215.77
1652	Edward C. Koehler	50.00
1653	Rudolph Lietz	163.70
1654	Denzil W. Lingo	153.70
1655	Margaret McCann	175.80
1656	Morad Malek-Aslani	91.60
1657	Lila June Marriott	146.01
1658	Lorraine R. Merwin	175.80
1659	Dorothy L. Millett	171.50
1660	S. N. Anant Naryan	91.60
1661	Russell C. Nelson	91.60
1662	Jean J. Norem	173.60
1663	William A. Patterson Jr.	91.60
1664	Dorothy J. Rae	28.80
1665	Robert J. Richards	60.18

U. S. MINERAL LEASING ACT

MISCELLANEOUS PAYROLL

1666	Edward E. Seely	150.88
1667	Joseph Shoaf	100.00
1668	Rose N. Skipper	190.00
1669	Emma Lou Wilson	165.80
1670	Leo E. Wilson	175.00

TOTAL MISCELLANEOUS PAYROLL

5,453.10

U. S. MINERAL LEASING ACT

STUDENT PAYROLL

1671	Dick Bench	35.10
1672	Andrew J. Andersen	8.13
1673	Lloyd Best	12.35
1674	Dave Bolender	33.50
1675	Dunston P. Boyd	19.18
1676	Donald L. Brehm	24.05
1677	Douglas E. Brown	10.40
1678	Harry L. Brown	19.50
1679	George A. Carlisle	10.40
1680	Richard Chojnacki	23.40
1681	L. Stevens Conder	11.21
1682	E. W. Davis	14.95
1683	Norman Eastmoore, Jr.	8.13
1684	Joe F. Felber	20.80
1685	John Freeburg	17.55
1686	George L. Freeland	14.95
1687	Ray Covett	13.98
1688	John W. Hall	30.55
1689	James H. Haralson	15.28
1690	Paul F. Harmon	39.81
1691	F. I. Hiestand	19.50
1692	Joseph P. Hill	16.90
1693	Stanley C. Holmes	31.20
1694	Richard H. Hurst Jr.	10.40
1695	Guerdon E. Jackson	9.10
1696	Claude B. Jenkins	27.30
1697	Jason S. Johnson	37.70
1698	Richard C. Johnson	34.45
1699	Harry C. Kent	13.00
1700	Richard L. Klebe	58.50
1701	Robert Lofgren Jr.	26.00
1702	David R. Lohr	16.25
1703	James Love	11.70
1704	Earl M.P. Lovejoy	13.00
1705	Richard A. Lowery	22.10
1706	Pat McCall	9.43
1707	Tom McLaren	23.40
1708	I. H. Mackay	7.80
1709	John W. Maharg	16.35
1710	Montie C. Mantooth	19.50
1711	R. B. Morrison	11.05
1712	Russell C. Nelson	22.75
1713	John Owings	11.70
1714	Richard P. Persinger	14.95
1715	Robert M. Pozzo	8.45
1716	Tom Reagan	16.90
1717	Norman Rowlinson	20.15

U. S. MINERAL LEASING ACT

STUDENT PAYROLL

1718	Amalendu Roy	17.55	
1719	Burley Scales	10.40	
1720	Kenneth Seibert	12.35	
1721	Harry L. Shively	23.40	
1722	Wilfred A. Slader	5.85	
1723	Robert D. Sloan	11.70	
1724	Mark Spaeth	13.00	
1725	Christopher Spence	21.48	
1726	A. Louise Sundholm	15.60	
1727	James C. Tiffany	4.55	
1728	C. H. Towle	58.50	
1729	William J. Traeder	31.20	
1730	Frank W. Vaughn	13.20	
1731	John J. Wallace	10.40	
1732	Howard C. Worzel	19.50	
1733	Richard M. Zoerb	21.45	

TOTAL STUDENT HELP PAYROLL 1,204.13

54	Retirement Assn.	2,665.63	
55	Blue Cross	508.25	
56	State Employee Ins.	30.70	
57	War Bonds	342.25	
58	State Share Retirement	2,665.57	
59	Withholding Tax Account	5,211.08	61,176.56

TOTAL PAYROLL 63,842.13

178	Thomas Don Andrews	341.15	
179	Louise Brewsaugh	165.80	
180	Clair E. Dillon	209.72	
181	R. B. Eldredge	238.87	
182	Samuel Gamble	212.22	
183	Edwin J. Harding	171.75	
184	Paul W. Harrell	191.75	
185	Fred Ljungvall	203.17	
186	Vernon L. Mattson	346.99	
187	George T. Maughan	147.40	
188	Jerome R. Tichy	183.60	2,412.42

82	Withholding Tax	252.40	
83	Retirement Assn.	84.93	
84	Blue Cross	29.45	

TOTAL EXPERIMENTAL PLANT PAYROLL 2,779.25

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3401	Academic Press	13.00	
3402	Addressograph-Multigraph Corp.	55.75	
3403	American Metal Market	20.00	
3404	American Optical Co.	14.04	
3405	American Petroleum Inst.	8.00	

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3406	American Soc. of Photogrammetry	6.00
3407	Annual Review, Inc.	6.15
3408	Association of American St. Geol.	15.00
3409	Baker Auto Rental, Inc.	58.04
3410	Barnett Company	8.62
3411	G. T. Bator	9.24
3412	J. B. Bertrand	13.70
3413	Marilyn E. Bolender	7.06
3414	Broadcasting	5.00
3415	J. D. Buckley	349.88
3416	G. H. Buckman	59.00
3417	William V. Burger	50.89
3418	Calvary Episcopal Church	9.90
3419	Campus Service Station	150.00
3420	C & H Excavating Company	35.00
3421	C. S. Card Iron Works Co.	399.88
3422	Cardwell Blue Print Co.	5.76
3423	Carpenter Paper Co.	16.20
3424	Robert H. Carpenter	31.71
3425	Carson Supply Div.	534.60
3426	Central Scientific	194.81
3427	William J. Chapitis	5.10
3428	Chicago, Burlington & Quincy R.R.	79.35
3429	Clary Multiplier Corp.	17.55
3430	Cocks Clark Engraving Co.	22.30
3431	John W. Coke	1.92
3432	Colloid Equipment Co.	26.08
3433	Colorado & Southern R.R.	207.96
3434	Colorado Central Power Co.	2,091.68
3435	Colorado National Guard	100.00
3436	Colorado Cooperage Works	49.50
3437	Colorado Metal Plating Works	5.00
3438	CSM Research Foundation	301.55
3439	Colorado Transcript	50.75
3440	Craig-Frederick Chevrolet	13.29
3441	Crane O'Fallon Company	57.01
3442	Curnow Transportation Co.	6.00
3443	Daniels & Fisher Stores Co.	101.35
3444	Daniel-Smith Company	686.66
3445	Davis & Davis	70.03
3446	L. W. Deffenbaugh	5.40
3447	Denver Bookbinding Co.	130.80
3448	Denver Blue Print Co.	12.64
3449	Denver Equipment Co.	4,657.65
3450	Denver Fire Clay Co.	534.51
3451	Denver Machine Shop	102.80
3452	The Denver Steel and Iron Works	53.74
3453	Denver Towel Supply	135.14
3454	Dictaphone Corp.	10.00
3455	Dictating and Recording Co.	5.40
3456	Clair Dillon	15.00
3457	The Dieter Bookbinding Co.	823.92
3458	Carson L. Doss	5.46
3459	Allen B. Dumont Lab.	8.16

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3460	The Duvall Davison Lumber Co.	852.43
3461	The Earth Science Publishing Co.	10.24
3462	Eastman Kodak Co.	52.38
3463	Eaton Metal Products Co.	173.00
3464	Ed. & Inst. Coop. Serv. Inc.	429.10
3465	Edward Bros. Inc.	93.50
3466	Electrons Incorporated	118.00
3467	Elliott Addressing Machine Co.	20.27
3468	Elliott-Schmidt Electric Supply	164.52
3469	E-Z Way Laundry	91.30
3470	Franz C. Feger	12.35
3471	Fisher Scientific Co.	164.96
3472	Ford Optical Company	23.67
3473	Foss Drug Co.	539.32
3474	M. L. Foss, Inc.	751.29
3475	Poster Engineering Co.	168.10
3476	Howard H. Fowler	30.17
3477	The Gaertner Scientific Corp.	210.00
3478	General Chemical Division	19.80
3479	General Electric Company	262.74
3480	General Electric Supply Corp.	153.72
3481	The Golden Press, Inc.	370.00
3482	Leroy W. Goodwin	25.62
3483	Gougar & Todd Sporting Goods Co.	65.13
3484	Graham Paper Company	22.08
3485	W. W. Grainger, Inc.	28.69
3486	Grimes Pipe and Supply Co.	42.54
3487	Hach Chemical Co.	18.65
3488	Charles R. Hadley	29.70
3489	Hassco, Inc.	40.87
3490	D. C. Heath and Company	6.47
3491	George W. Heim	5.32
3492	K. S. Herness	18.90
3493	Hewlett Packard Company	175.00
3494	Hendrie & Bolthoff Co.	397.17
3495	The Homalite Corp.	11.21
3496	Mary E. Hoyt	1.65
3497	Huntington Lab., Inc.	88.00
3498	International Business Machine Corp.	10.90
3499	Instrument Service Co.	15.00
3500	Interstate Radio and Supply Co.	516.87
3501	Johns-Manville Corp.	36.16
3502	Johnson Supply Co.	321.27
3503	Kellogg's Hardware, Inc.	32.03
3504	The Kendrick-Bellamy Co.	230.56
3505	Tom Killian, Inc.	84.20
3506	The Kistler Stationery Co.	344.41
3507	The Kohler McLister Paht Co.	142.08
3508	F. G. Ludwig Associates	63.56
3509	McCoy Company	16.90
3510	Maple ton House	14.40
3511	Marador Corporation	86.99
3512	Mechanization	11.00
3513	Meyer Hardware & Sporting Goods	82.94

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3514	Midwest Steel & Iron Works	101.00
3515	The Mine & Smelter Supply Co.	1,116.85
3516	Mine Safety Appliances Co.	431.70
3517	The Mines Supply Co.	66.05
3518	Flore Morosan	15.00
3519	Mountain States Tel. & Tel. Co.	491.44
3520	Niagara Radio Supply Co.	7.51
3521	B. R. Nee Coal Co.	1,433.81
3522	Ohio Chem. & Surg. Equip. Co.	165.34
3523	Peter Onofrio	24.00
3524	Oregon Lumber Co.	150.00
3525	Paramount Cleaners-Dyers	62.30
3526	Farr Instrument Co.	5.29
3527	Frank Paxton Lumber Co.	396.02
3528	The Peerless Printing Co.	6,637.37
3529	Petroleum Times, Ltd.	7.00
3530	Pioneer Window Shade Factory	389.10
3531	John W. Pickthall	14.84
3532	Pipeline Protection Co.	6.16
3533	Pitney Bowes, Inc.	33.00
3534	Plasticrafts Company	47.00
3535	Public Service Co.	300.80
3536	Albert I. Quist	22.50
3537	CSM Revolving Fund	270.95
3538	Rex-O-Graph Sales & Service	10.36
3539	Rocky Mountain Directory Co.	25.00
3540	Sachs Lawlor	11.21
3541	Sanitary Specialties Co.	241.87
3542	Schaar and Company	22.73
3543	J. A. Sexauer	69.56
3544	Shallcross Mfg. Co.	5.78
3545	Leonard M. Sherman	6.80
3546	Harry L. Shively	14.00
3547	M. I. Signer	74.57
3548	Silver King of Colorado	57.40
3549	Silver State Printers	15.70
3550	Special Libraries Assn.	20.00
3551	Stacey's	5.45
3552	State Purchasing Agent	11.00
3553	Gurnett Steinhauer	15.54
3554	Ralph C. Stitzer	14.00
3555	The Stores Equipment Co.	34.75
3556	Strawn's	42.56
3557	B. K. Sweeney Co.	1,490.21
3558	Swena Transfer & Express	474.13
3559	Syntron Company	20.00
3560	Technical Equipment Co.	18.00
3561	W. Harold Tomlinson	23.75
3562	Tools & Supply Co.	9.40
3563	Typewriter Emporium	210.00
3564	Underwood Corporation	35.30
3565	U. S. Welding Works, Inc.	143.06
3566	Universal Saw Filing & Grds. Wks.	6.46
3567	Universal Scientific Company	244.25

April 13, 1951

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3568	Universal Steel Equipment Co.	52.25
3569	The University Club	28.00
3570	University Extension Div.	7.13
3571	John W. Vanderwilt	227.94
3572	W. M. Welch Mfg. Co.	425.62
3573	Western Belting & Packing Co.	7.43
3574	Western Typewriter Co.	107.25
3575	Virginia Lee Wilcox	6.24
3576	John Wiley & Sons, Inc.	13.48
3577	Bill Young	31.00
3578	Zimmerhackel Venetian Blinds	30.75
3579	W. C. Ritchie and Company	195.70
TOTAL SUPPLY VOUCHERS		36,973.32

MILL LEVY BUILDING FUND

76	Jussel Electric Co.	850.00
77	McCarty Johnson, Inc.	2,917.00
78	Platt Rogers, Inc.	19,975.00
TOTAL MILL LEVY BUILDING FUND		30,742.00

ATHLETIC ASSOCIATION FUND VOUCHERS

965	American Penant Mfg. Co.	21.60
966	Bill Anderson	15.00
967	Athletic Revolving Fund	198.31
968	Harold Brobeck	5.00
969	Dale Deans's	2.01
970	Foss Drug Co.	72.87
971	Gougar & Todd Sporting Goods	148.46
972	Lowe & Campbell Athletic Goods	25.20
973	Art Malnati, Inc.	165.61
974	The Outlook Publishers	9.00
975	R. W. Rodda	1.75
976	Strawn's Book Store	.90
977	W. Lloyd Wright, M.D.	12.00
TOTAL ATHLETIC ASSN. VOUCHERS		677.71

Mr. Robert K. Fuller arrived at 11:30 A.M. and Mr. Steinhauer entered the meeting at that time for a review of the essential features of the plans and specifications of the Petroleum Engineering Building prepared by Mr. Fuller. Mr. Fuller stated that in his opinion material and labor shortages might delay, but probably would not stop, construction on a building of this type, and that there were no building restrictions that would justify delaying plans to proceed with the calling of bids. He recommended advertising for bids which he was prepared to arrange by the first week in May. Preliminary to advertising for bids, two steps were required, (1) approval and acceptance of his plans by resolution of the Board of Trustees, and (2) approval by The Colorado State Planning Commission to advertise for bids and proceed with construction of the building.

In a letter dated April 13, 1951, addressed to President Vanderwilt, which was presented by Mr. Fuller at the meeting, he summarized the project costs as follows:

Total building construction including architectural and engineering services	\$1,050,000.00
Equipment	60,000.00
Pilot plant	<u>40,000.00</u>
Total	\$1,150,000.00

The Board then recessed and the members, together with President Vanderwilt and Messrs. Fuller and Steinhauer, had lunch. After lunch Mr. Fuller left the meeting.

Mr. Steinhauer reviewed the funds available for the Petroleum Engineering Building as consisting of two items, namely

Special Building Fund	\$1,104,529.78
Anticipation Warrants	<u>45,470.22</u>
	\$1,150,000.00

The Special Building Fund reflects anticipated income from the Mineral Leasing Act through June 30, 1952. Mr. Steinhauer then left the meeting.

The minutes of the regular meeting of March 9 and the special meeting of March 29, 1951, were read and approved.

Mr. Thomas called attention to the advantage of beginning construction of the Petroleum Engineering Building because further restrictions on building construction might be imposed by the Federal Government and such restrictions probably would exclude construction contracts entered into and almost certainly conclude construction that had been initiated. He recommended that formal action be taken so that Mr. Fuller could proceed with advertising for bids. Thereupon the following resolutions were unanimously adopted:

RESOLVED, That Mr. Robert K. Fuller's plans and specifications for the Petroleum Engineering Building are hereby approved and accepted by the Board of Trustees; and

BE IT FURTHER RESOLVED, That Mr. Fuller is hereby authorized, subject to the approval of The Colorado State Planning Commission, to advertise for bids, if possible by the first week of May.

In order to carry out the above resolutions, President Vanderwilt was instructed to advise Mr. Fuller of the Board's action and to request on behalf of the Board the approval of The Colorado State Planning Commission to advertise for bids and to proceed with the construction for the Petroleum Engineering Building.

President Vanderwilt presented a list of faculty members whose promotion in rank, effective September 1, 1951, had been recommended by the respective heads of departments and by Dean M. I. Signer. President Vanderwilt said that he concurred in these recommendations and accordingly presented the list for the Board's consideration. Upon motion by Mr. Stockmar, seconded by Dr. Parker and unanimously passed, the following promotions in rank were approved:

From Instructor to Assistant Professor

Franklin F. Clark
Arthur K. Erickson
John M. Karamigios
William S. Levings
Paul A. Rodgers
Harrison E. Stommel

From Assistant Professor to Associate Professor

Frank R. Campbell
Frederick M. Carpenter
Joseph E. Davies
Julius A. Heeren
George W. Heim
Paul H. Keating
Robert B. Osborn
Sigmund L. Smith

President Vanderwilt reviewed the budget and brought up the question of the desirability of faculty salary adjustments. The Legislative appropriation, not yet signed, would provide 68% of the amount requested which would require a substantial downward revision of the estimated costs of operation and maintenance, and capital outlay included in the school budget. A salary increase would require a further downward revision of these two items of the school budget. However, in view of the fact that Civil Service employees had been granted increases, it was felt that somewhat similar increases

should be granted to the faculty and administrative personnel, and that the necessary adjustment in the school budget would not be critical. Therefore it was recommended that a general increase in salary in the amount of \$240 per annum in addition to the regular automatic increases of \$75 and \$100 be granted, and, further, that the maximum of the salary bracket for each rank be increased by \$240 so that the faculty and administrative personnel would benefit by the general increase. Following a brief discussion, it was moved by Dr. Parker, seconded by Mr. Stockmar and unanimously carried, that the salary increases for faculty members, administrative staff, and nonteaching personnel as recommended by President Vanderwilt be approved and that the maximum salary bracket for each rank as shown on the salary schedule adopted by the Board of Trustees at its meeting on May 13, 1949, be increased by the amount of \$240 as recommended.

President Vanderwilt presented to the Board for its consideration a proposed plan which had been discussed and had received the recommendations of Dean Signer and Mr. Burger. The plan is to redistribute the duties of the present Dean, and the Registrar and Director of Admissions in order to have a Dean of the Faculty, and a Dean of Students and Registrar with duties common to these offices, and, in addition, a Director of Admissions. Dean Signer has had the title of Dean of the Faculty for some time but because he has been doing work normally assigned to a Dean of Students, he has not had the full responsibilities common to such an office, which includes all considerations of faculty and curriculum problems. Mr. Burger will be advanced to the position of Dean of Students and Registrar, leaving a man to be employed for the vacated position of Director of Admissions. It is expected that the plan will relieve the president's office of much time-consuming work involved in preliminary reviews of many important problems. President Vanderwilt further recommended that in recognition of the greater responsibility involved that Mr. M. I. Signer, as Dean of the Faculty, and Mr. William V. Burger, as Dean of Students and Registrar, be granted salary increases in the amount of \$260 in addition to the regular increase to be granted to each member of the faculty. After considerable discussion, the Board unanimously approved the plan recommended by President Vanderwilt to expand the duties of Mr. M. I. Signer, Dean of the Faculty, to establish the new position of Dean of Students and Registrar with the classification of P-7 for Mr. William V. Burger, and to employ an additional person as Director of Admissions; and, further, that the salaries of Messrs. Signer and Burger be increased in the amount of \$260 over and above the general increase of \$240 to be granted to each member of the faculty in recognition of the added responsibilities assumed by them.

The foregoing action by the Board of Trustees established a new schedule of salary rates effective September 1, 1951, as follows:

Salary Rates for Faculty,
Administrative Staff, and
Nonteaching Personnel

<u>Position</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Annual Increase</u> <u>for each year of</u> <u>service after</u> <u>1949-50</u>
Instructors	\$2400	\$3740	\$ 75
Assistant Professors	3200	4440	100
Associate Professors	3900	5240	100
Professors	5100	5340	
Professor and Head of Non-degree-granting Department	4600	6740	\$100 until maximum of \$5840 is reached. Increment thereafter to be based on merit.
Professor and Head of Degree-granting Department	5200	7740	\$100 until maximum of \$6740 is reached. Increment thereafter to be based on merit.
P-1 Library Assistant and Cataloger	2400	3340	\$ 75
Assistant Librarian	2400	3340	75
President's Secretary	2400	3340	75
P-2 Laboratory Assistant	2800	3740	75
Chemistry Stockroom Clerk	2800	3740	75
Veterans' Counselor	2800	3740	75
P-3 Assistant Director of Development and Planning	3200	4340	100
Librarian	3200	4340	100
P-4 Superintendent of Buildings and Grounds	3600	4740	100
Assistant Business Manager	3600	4740	100
Manager, Dining Hall	3600	4740	100
Business Manager, Athletics	3600	4740	100
P-5 Associate Director of Experimental Plant	4000	5240	100
Director of Admissions	4000	5240	100
P-6 Director of Development and Planning	4400	6040	100
Director of Publications	4400	6040	100
P-7 Dean of Students and Registrar	5200	6840	100
Director of Experimental Plant	5200	6840	100
P-8 Dean of the Faculty	6000	7840	100
Business Manager	6000	7840	100

Short, Harlan E. Associate Professor of Physics	\$5060
Smiley, Francis E., Jr. Assistant Professor of Civil Engineering	3742
Smith, Morton C. Associate Professor of Metallurgical Engineering	4950
Smith, Raymond V. Instructor in Mechanical Engineering	3490
Smith, Sigmund L. Associate Professor of Metallurgical Engineering	4180
Starks, Charles W. Instructor in Chemistry	3635
Stewart, W. Alan Instructor in Geology	3635
Stommel, Harrison E. Assistant Professor of Geophysics	3815
Van Tine, Arthur B. Instructor in Geology	3717
Van Tuyl, F. M. Professor of Geology and Head of Department	6490
Wagner, Warren R. Associate Professor of Geology	4950
Ward, Leon S. Professor of Chemistry and Head of Department	6160
Wichmann, Arthur P. Associate Professor of Metallurgical Engineering	5060
Williams, Art Assistant Professor of Physics	4042
<u>Administrative Staff and Nonteaching Personnel</u>	
Anderson, Wilburn F. Veterans' Counselor	\$3940
Burger, William V. Dean of Students and Registrar	5320
Duer, Hazel D. Library Assistant and Cataloger	3290

Goodwin, LeRoy W. Director of Publications	\$5140
Johnston, D. C. Business Manager of Athletics	4620
Kehn, Edward A. Band Director (Part-time basis)	1320
Kelley, John J. Director of Development and Planning	5540
Kelsey, Harry E. Assistant Business Manager	4510
Mattson, Vernon L. Director of Experimental Plant (Half-time basis)	5000
Pierce, A. L. Metallurgy Laboratory Assistant	3616
Rae, A. L. Superintendent of Buildings and Grounds	4642
Signer, M. I. Dean of the Faculty	7520
Sparr, Gladys W. Departmental Assistant	3340
Steinhauer, Gurnett Business Manager	7260
Vanderwilt, John W President	10,540
Wilcox, Virginia Lee Assistant Librarian	3340

Upon motion by Dr. Parker, seconded by Mr. Stockmar and unanimously carried, these contracts were approved.

Personal data for Mr. A. S. Richardson and Mr. E. S. McGlone's letter of recommendation of Mr. Richardson for an award for distinguished achievement were reviewed and discussed. Mr. Thomas expressed the view that in his opinion Mr. Richardson's accomplishments unquestionably qualified him for a Distinguished Achievement Medal and that he felt that the Board could well award five instead of four medals as previously planned. Thereupon Dr. Parker made the motion, which was seconded by Mr. Stockmar and unanimously carried, that Mr. Richardson be invited to the Commencement exercises on May 25 for presentation by the Board of Trustees of the Distinguished Achievement Medal.

Mr. Stockmar asked to be excused from the meeting because of important work in his office that he had not been able to postpone and left the meeting.

The absence of Mr. Stockmar left the meeting without a quorum for taking official action, but the group continued informal discussions.

Dr. Parker recommended that Mr. Rupert B. Lowe's name be added to the list of prospective candidates for the Distinguished Achievement Medal.

President Vanderwilt announced the receipt of a check for \$5,500 from Mr. Hubert D. Waldo, Jr., executor for the Bengtson Estate, and Mr. Waldo's statement that an additional amount of approximately \$500 might be forthcoming. The money is to be designated as the "Andrew P. and Gertrude Bengtson Memorial Student Loan Fund" and is to be administered under terms to be decided by the Board of Trustees. Recommendations for the administration of this loan fund will be presented at a later date.

President Vanderwilt stated that Messrs. Brook and Thum had accepted the Board's invitation to be present at Commencement and receive the medals for distinguished achievement. Mr. A. Hartwell Bradford, it had been learned, is on an extended trip to South America and his acceptance had not been received but it was expected at any time.

President Vanderwilt announced that Colonel Wendell W. Fertig is leaving the School as its Professor of Military Science and Tactics at the end of the current school year to accept an assignment with the Army's psychological warfare division under Brigadier General R. A. McClure with headquarters in Washington, D. C. Colonel Fertig has made valuable contributions to the School and it was felt that some special recognition might be in order. The Board was favorably inclined to this idea and suggested that President Vanderwilt review the situation and submit recommendations.

Mr. Thomas brought up the question of School ownership of fraternity houses. Dr. Parker explained that he had considered this possibility at the Colorado School of Mines a few years ago inasmuch as this was common practice at certain colleges, and the larger fraternities probably could save \$120 to \$150 a month by such an arrangement, but when this idea was presented to the fraternities, it was not accepted favorably. President Vanderwilt was requested to secure further data on this subject.

The proposed plans for public relations and development were reviewed. President Vanderwilt summarized conversations he had had with Mr. Thomas A. Gonser, of Chicago, former director of such a plan at Northwestern University, who is now working as a private consultant in organizing public relations and development programs for colleges. The University of Denver, where such a plan is being organized, is one of Mr. Gonser's clients at the present time. He recommends training a man for the

special needs of an institution as conditions are not uniform from place to place. He stated that he doubted the feasibility of any thought of his working for the Colorado School of Mines on any continuing basis because he was committed to the University of Denver, and the two might be considered by some as competitive. He was interested and felt sure that he would be free to meet with the Board of Trustees at any time a meeting could be arranged, which should not be too difficult because he came to Denver at least once a month. Mr. Gonser would expect a fee for such a meeting with the Board, and he recommended that the better part of an afternoon or a full evening be allowed for the meeting in order to make the meeting as productive as possible. Mr. Gonser urged that the selection of the man to organize and direct the program be made very carefully as success depends upon the proper choice. He also expressed the view that raising the money from alumni to start and maintain the program might be much more difficult than it was realized. President Vanderwilt stated that Mr. Gonser was as confident as were each of the others with whom he had discussed the problem that a long-range program for public relations and development would be worthwhile from the point of view of assisting in strengthening the School's educational program as well as providing financial assistance to carry out any program that might be developed.

The meeting adjourned at 5:30 P.M.

Secretary

Coke
Jim Danner

Pursuant to the new salary rates adopted, President Vanderwilt recommended the approval of faculty, administrative staff, and nonteaching personnel for the 1951-52 academic year in accordance with the following list:

Faculty

Attéberry, James L., Jr. Instructor in English	\$3552
Babcock, Henry A. Assistant Professor of Civil Engineering	4070
Ball, James O. Professor of Petroleum Refining Engineering and Head of Department	6490
Barb, Clark F. Professor of Petroleum Production Engineering and Head of Department	6490
Bartunek, Paul F. Associate Professor of Physics	4540
Bator, George T. Associate Professor of Mining Engineering	5190
Baugh, Robert L. Instructor in Electrical Engineering	3285
Bauman, Victor W. Instructor in Mathematics	3717
Baxter, Robert A. Professor of Chemistry	5340
Brennecke, Fritz S. Director of Athletics and Head Football Coach	5830
Burdick, H. Dean Assistant Professor of Chemistry	4180
Campbell, Frank R. Associate Professor of Mechanical Engineering	4290
Carpenter, Clark B. Professor of Metallurgical Engineering and Head of Department	6490
Carpenter, Frederick M. Associate Professor of Mathematics	4510
Carpenter, Robert H. Associate Professor of Geology	4410

Chapitis, William J. Assistant Professor of English and Modern Languages	\$3880
Clark, Franklin F. Assistant Professor of Chemistry	3717
Coke, John M. Associate Professor of Descriptive Geometry and Engineering Drawing	4840
Colburn, William A. Instructor in Physics	3552
Cook, George S. Associate Professor of Mathematics	4730
Davies, Joseph E. Associate Professor of Physical Education	4540
Dumke, Walter H. Associate Professor of Chemistry	4840
Erickson, Arthur K. Assistant Professor of Civil Engineering	3815
Fisher, Edward G. Professor of English and Head of Department	5610
Flanders, Delton D. Professor of Economics and Head of Department	5040
Fletcher, Hilbert E. Assistant Professor of Electrical Engineering	4440
Fraser, George D. Instructor in Geology	3340
Gosman, Albert L. Instructor in Mechanical Engineering	3415
Gray, Allan D. Instructor in Mining Engineering	2700
Gregg, Donald C. Instructor in Geology	3552
Gulbransen, Leonard B. Assistant Professor of Metallurgical Engineering	3715
Gutzman, Raymond R. Assistant Professor of Mathematics	3740
Hartkemeier, L. W. Associate Professor of Chemistry	5060

Hebel, Ivan L. Professor of Mathematics and Head of Department	\$5720
Heeren, Julius A. Associate Professor of Petroleum Production Engineering	4540
Heim, George W. Associate Professor of Mining Engineering	4070
Herness, K. S. Instructor in Geology	3442
Hollister, John C. Professor of Geophysics and Head of Department	6040
Holmer, Ralph C. Instructor in Geophysics	3717
Howe, W. Warren Professor of Chemistry	5340
Jacobs, E. B. Assistant Professor of Chemistry	4070
Johnson, George W. Assistant Professor of English	3767
Johnson, J. Harlan Professor of Geology and Curator of Museum	5340
Jurney, William H. Associate Professor of Mathematics	5060
Karamigios, John M. Assistant Professor of Physical Education	3635
Keating, Paul H. Associate Professor of Geology	4290
Keenan, Albert M. Associate Professor of Mining Engineering	5240
Kelly, T. A. Professor of Civil Engineering and Head of Department	5830
Kuhn, Truman H. Associate Professor of Geology	4950
LeMaire, George W. Associate Professor of Petroleum Refining Engineering	4340
LeRoy, L. W. Associate Professor of Geology	5170

Levings, William S. Assistant Professor of Geology	\$3717
Livingston, Clifton W. Professor of Mining Engineering and Head of Department	6380
Long, V. Allan Professor of Physics and Head of Department	5720
McPherson, T. B. Instructor in Civil Engineering	3740
Mason, Warren J. Instructor in Physics	3717
Mateer, W. D. Assistant Professor of Geology	4440
Merideth, George T. Associate Professor of Geophysics	4950
Mueller, William M. Instructor in Descriptive Geometry and Engineering Drawing	3717
Nordquist, Carl G. Assistant Professor of Economics	3640
Osborn, Robert B. Associate Professor of Mathematics	4510
Paynter, Thomas E. Professor of Electrical Engineering and Head of Department	5060
Preston, Ronald D. Assistant Professor of Civil Engineering	4290
Reichert, Stanley Instructor in Geology	3717
Richtmann, W. M. Professor of Mechanical Engineering and Head of Department	5830
Rodgers, Paul A. Assistant Professor of Geophysics	3635
Sabott, Frederick K. Instructor in Chemistry	3717
Salzer, George W. Professor of Descriptive Geometry and Engineering Drawing and Head of Department	5830
Schreiber, Theodore Instructor in German (Part-time basis)	792

Golden, Colorado
May 11, 1951

The Board of Trustees met in regular session on May 11, 1951, at 10:00 A.M. at the President's Office, Colorado School of Mines, Golden, Colorado.

Present: Messrs. Harrison, Parker, Stockmar, and Thomas.

Absent: Mr. Bowen.

President Vanderwilt attended the meeting.

Bills against the U. S. MINERAL LEASING ACT FUND, the EXPERIMENTAL PLANT FUND, the SCHOOL OF MINES TAX FUND, the MILL LEVY BUILDING FUND, and the ATHLETIC ASSOCIATION FUND were read, audited and allowed as follows:

U. S. MINERAL LEASING ACT FUND

FACULTY PAY ROLL

1734	Wilburn F. Anderson	\$265.95
1735	James L. Atteberry, Jr.	243.01
1736	Henry A. Babcock	290.24
1737	James O. Ball	418.07
1738	Clark F. Barb	420.32
1739	Paul E. Bartunek	287.65
1740	George T. Bator	345.11
1741	Robert L. Baugh	244.60
1742	Victor W. Bauman	253.17
1743	Robert A. Baxter	351.60
1744	Keith E. Bowen	237.28
1745	Fritz S. Brennecke	379.82
1746	John G. Brummel	35.05
1747	H. Dean Burdick	285.70
1748	William V. Burger	320.11
1749	Frank R. Campbell	267.86
1750	Clark B. Carpenter	410.02
1751	Frederick M. Carpenter	302.47

U.S. MINERAL LEASING ACT

FACULTY PAYROLL

1752	Robert H. Carpenter	300.91
1753	William J. Chapitis	252.60
1754	Franklin F. Clark	263.17
1755	John H. Coke	311.20
1756	William A. Colburn	221.61
1757	George S. Cook	312.84
1758	Albert J. Cornish	294.85
1759	Joseph E. Davies	304.85
1760	Hasel H. Duer	211.62
1761	Walter H. Dumke	304.20
1762	Arthur K. Erickson	244.49
1763	James H. Everett	331.35
1764	Wendell W. Fertig	276.00
1765	Edward G. Fisher	299.76
1766	Delton D. Flanders	352.29
1767	Hilbert E. Fletcher	294.85
1768	George D. Fraser	234.43
1769	Hugo H. Geissler	270.65
1770	Leroy W. Goodwin	326.20
1771	Albert L. Gosman	218.61
1772	Arlio V. Coyne Jr.	233.01
1773	Donald C. Gregg	223.01
1774	Gulbransen, Leonard B.	262.14
1775	Raymond Gutzman	243.01
1776	John C. Hagen	183.05
1777	L. W. Hartkemeier	307.81
	TOTAL FACULTY PAYROLL (M.L.A.P.)	12,440.14

SCHOOL OF MINES TAX FUND

FACULTY PAYROLL (CONT.)

2922	L. W. Hartkemeier	24.55
2923	Ivan L. Hebel	306.11
2924	Julius A. Heeren	299.90
2925	George W. Hein	254.84
2926	E. S. Harness	225.70
2927	John C. Hollister	416.65
2928	William Horblit	153.70
2929	W. Warren Howe	358.75
2930	Mary E. Hoyt	243.59
2931	E. B. Jacobs	256.14
2932	Mirko Jancic	207.10
2933	George W. Johnson	255.15
2934	J. Harlan Johnson	335.05
2935	D. C. Johnston	314.59
2936	William H. Jurney	362.36
2937	John H. Karamigios	185.64
2938	Paul H. Keating	262.91
2939	Albert H. Keenan	342.24
2940	Edward A. Kohn	130.37
2941	John J. Kelley	359.21
2942	T. A. Kelly	341.07
2943	Harry E. Kelsey	297.52

SCHOOL OF MINES TAX FUND

FACULTY PAYROLL

2944	Truman H. Kuhn	349.32
2945	Arden L. Lerson	223.98
2946	George W. LeMaire	282.11
2947	L. W. Leroy	313.52
2948	William S. Lovings	253.17
2949	Clifton W. Livingston	421.61
2950	V. Allan Long	359.86
2951	T. B. McPherson	269.74
2952	Warren J. Mason	213.17
2953	W. D. Mateer	277.35
2954	George T. Merideth	329.32
2955	William M. Mueller	255.97
2956	Carl G. Nordquist	251.55
2957	Robert E. Osborn	322.47
2958	Thomas E. Paynter	299.81
2959	A. L. Pierce	224.60
2960	Ronald D. Preston	314.32
2961	Arthur L. Rae	292.97
2962	Stanley Reichert	255.97
2963	W. H. Richtsman	368.57
2964	Paul A. Rodgers	228.09
2965	Frederick K. Sabott	233.47
2966	George W. Salzer	368.87
2967	Theodore Schreiber	88.00
2968	Harlan E. Short	317.61
2969	H. I. Signer	150.19
2970	Francis E. Smiley Jr.	253.17
2971	Morton C. Smith	330.11
2972	Raymond V. Smith	228.10
2973	Sigmund L. Smith	260.65
2974	Gladys W. Sparr	205.03
2975	Charles W. Starks	257.79
2976	Garnett Steinhauer	470.19
2977	W. Alan Stewart	240.89
2978	Harrison E. Stommel	262.24
2979	John W. Vanderwilt	682.70
2980	Arthur B. VanFine	243.17
2981	F. M. Van Tuyl	391.27
2982	Warren R. Wagner	325.17
2983	Leon W. Ward	387.50
2984	Arthur P. Wichmann	344.76
2985	Virginia Lee Wilcox	203.85
2986	Art Williams	247.67
2987	Floyd J. Williams	105.13
2988	Parke O. Yingst	130.90
	TOTAL FACULTY PAYROLL	19,229.07

SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

2989	Arthur H. Angell	180.35
2990	George S. Atkinson	190.00
2991	C. A. Bacon	174.25
2992	Miriam W. Bain	158.65

May 11, 1951

SCHOOL OF MINES TAX FUND

FACULTY PAYROLL

2993	Tom Bernatis	164.95
2994	Marilyn Bolender	166.30
2995	Delbert L. Boone	181.70
2996	Frank J. Braun	144.95
2997	W. F. Bridges	188.55
2998	Edward Brill	185.25
2999	Harold V. Brobeck	196.32
3000	William D. Caldwell	167.65
3001	Paul L. Chambers	156.30
3002	Willa Jean Charon	163.60
3003	Engra M. Childers	194.55
3004	J. L. Cooper	176.30
3005	Richard K. Day	97.80
3006	Earl Dickens	283.70
3007	Garson L. Doss	301.75
3008	Sterling L. Dryden	175.39
3009	Fred D. Hasley	207.00
3010	John C. Foster	144.95
3011	Howard H. Fowler	271.80
3012	Robert E. Gibson	133.58
3013	Agnes H. Greenaway	170.35
3014	Joyce Hall	156.30
3015	Bert F. Harrison	175.30
3016	Donna E. Hayes	170.35
3017	G. G. Henberger	237.90
3018	J. J. Henberger	213.60
3019	Chester P. Herr	178.55
3020	Richard H. Heyman	211.41
3021	Vernon Lee Hopwood	181.70
3022	Violet K. Horning	187.92
3023	Carl E. Hungness	199.50
3024	Waldo H. Keenan	232.75
3025	John F. Knopff	220.20
3026	Edward Lange	171.10
3027	William Lee	198.15
3028	Donald Ljungvall	201.57
3029	Orville O. Loving	212.90
3030	Margaret McCann	151.85
3031	Antonio E. Manchego	166.25
3032	Vasil C. Mandiloff	166.25
3033	Charles Marchand	211.10
3034	Thomas Marvin	145.65
3035	Lois H. Matthews	156.30
3036	Walter Mattson	204.10
3037	O. F. Naughan	204.10
3038	Chris Nester	189.52
3039	Peter Mineff	158.20
3040	Flore Morosan	171.00
3041	Clarence Nicholls	228.47
3042	W. F. O'Keil	197.02
3043	Consuelo A. Owens	122.59
3044	Mary H. Paddleford	175.75
3045	Jesse E. Payne	181.70
3046	John W. Pickthall	256.20
3047	Dorothy J. Prouse	161.05
3048	Jacob T. Pyle	171.25
3049	John B. Ratcliff	169.15
3050	James H. Rich	189.12

May 11, 1951

SCHOOL OF MINES TAX FUND

CIVIL SERVICE PAYROLL

3051	Robert E. Richards	224.70
3052	Kathleen J. Riley	161.25
3053	Rose Marie Rowe	167.47
3054	Ruth H. Sackett	163.40
3055	Albert E. Simpson	199.12
3056	Faye Silvers	156.30
3057	James Smith	212.57
3058	Mary C. Son	191.42
3059	Gustaf F. Stalgren	175.75
3060	Leslie B. Talbert	167.45
3061	Charles S. Thomas	167.20
3062	Herman C. Van Blois	164.95
3063	Ernest E. Waters	262.90
3064	Louise M. Waters	178.62
3065	A. C. Webster	194.02
3066	Charles R. White Jr.	163.99

TOTAL CIVIL SERVICE PAYROLL

14,445.04

SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL

3067	Carmel E. Barnett	72.00
3068	Sara R. Borthick	170.75
3069	Betty Jane Clausen	7.20
3070	Douglas R. Cook	81.60
3071	Margaret P. Cook	175.80
3072	Julia E. Coppedge	181.50
3073	Beulah Davis	52.55
3074	Harold H. Harhart	345.20
3075	Wesley Eckley	100.00
3076	R. H. Elliott	45.00
3077	Allen D. Gray	81.60
3078	Beverly J. Griffith	165.80
3079	Siles E. Grosvenor	100.00
3080	Marian F. Hollingsworth	60.00
3081	David L. Hoover	105.47
3082	Louise W. Hughes	175.80
3083	Betty L. Johnson	166.30
3084	William R. Johnson	154.51
3085	Virginia M. King	175.80
3086	Edward C. Koehler	50.00
3087	Oscar T. Kretzel	168.57
3088	Frederick O. Liets	169.17
3089	Rudolph Liets	163.70
3090	Dennis W. Lingo	120.07
3091	John B. McMullen	158.57
3092	Morad Malek-Aslani	91.60
3093	Joe Manchego	204.30
3094	Lorraine N. Merwin	175.80
3095	Dorothy L. Millett	171.50
3096	S. N. Anant Narayan	91.60
3097	Russell C. Nelson	91.60
3098	Jean J. Noran	173.60
3099	William A. Patterson Jr.	91.60

SCHOOL OF MINES TAX FUND

MISCELLANEOUS PAYROLL

3100	Jose M. Perez	231.45
3101	Dorothy J. Rao	28.00
3102	Robert J. Richards	57.10
3103	Edward E. Soaly	91.57
3104	Joseph Shoaf	100.00
3105	Rose N. Skipper	190.00
3106	George W. Wehrmeyer	151.67
3107	Emma Lou Wilson	165.00
3108	Leo E. Wilson	175.00
3166a	Halbert E. Farrell	47.93
3166	Sterling L. Dryden	46.13

TOTAL MISCELLANEOUS PAYROLL

5,625.01

SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL

3109	Andrew J. Anderson	8.13
3110	Michael Alexander	12.35
3111	Lloyd Best	9.75
3112	Harry E. Blackburn	28.50
3113	Dave Solender	37.35
3114	Dunston F. Boyd	19.18
3115	Donald L. Brehm	26.65
3116	D. L. Brown	38.35
3117	Harry L. Brown	19.50
3118	Robert H. Chaisson	15.60
3119	Dick Chojnacki	19.50
3120	Verner D. Coombs	16.90
3121	E. W. Davis Jr.	20.15
3122	Joe Falber	19.50
3123	D. J. Frits	32.50
3124	Robert T. Goodfellow	21.78
3125	Ray Covett	12.68
3126	Blaine Grossnickle	32.50
3127	John W. Hall	30.55
3128	Robert M. Hanes	35.75
3129	Frank I. Hiestand	19.50
3130	S. C. Holmes	19.50
3131	Guerton E. Jackson	10.40
3132	Harry C. Kent	7.00
3133	Keith A. Evenvolden	19.50
3134	Robert Lofgren Jr.	26.00
3135	David R. Lohr	16.25
3136	James Love	15.60
3137	E. A. Lowery	19.50
3138	Jack C. McFarlin	20.48
3139	Wayne E. McKeelony	54.93
3140	John W. Maharg	16.25
3141	M. C. Mantooth	24.70
3142	Albert Matthes	52.00
3143	Stuart B. Serwin	12.35
3144	R. B. Morrison	14.30
3145	Revoyn M. Korem	21.32
3146	Glen C. Opel	24.70

SCHOOL OF MINES TAX FUND

STUDENT HELP PAYROLL

3147	F. M. Pozzo	11.05	
3148	Joe Rebeck	31.36	
3149	Norman Rowlinson	14.30	
3150	Amalendu Roy	20.80	
3151	Robert H. Selzer	14.63	
3152	Darrell G. Shurtliff	43.55	
3153	John Simpson	14.79	
3154	Merk Spaeth	13.00	
3155	Christopher Spence	20.15	
3156	Ralph C. Stitser	40.95	
3157	A. Louise Sundholm	15.60	
3158	William J. Traeder	19.50	
3159	Frank W. Vaughn	14.30	
3160	John H. Velocin	11.05	
3161	Robert R. Ward	32.50	
3162	Robert C. Wilson	11.05	
3163	H. E. Wiswell Jr.	13.65	
3164	Howard C. Worzell	22.10	
3165	Richard M. Zoerb	22.10	

TOTAL STUDENT HELP

1,238.48

3583	Withholding Tax	5,114.28	
3584	Retirement Assn.	2,632.37	
3585	Blue Cross	518.35	
3586	State Exp. Insurance	30.70	
3587	War Bonds	342.25	
3588	State's Share Retirement	2,665.03	61,616.49

TOTAL PAYROLL

64,281.52

EXPERIMENTAL PLANT PAYROLL

189	Thomas Don Andrews	341.15	
190	Louise Brewsaugh	160.70	
191	Clair R. Dillon	209.72	
192	R. B. Eldredge	238.87	
193	Samuel Gamble	212.20	
194	Edwin J. Harding	188.55	
195	Paul W. Harrell	191.75	
196	Fred Ljungvall	203.17	
197	Vernon L. Mattson	346.99	
198	Jerome R. Tichy	183.60	2,276.70

86	Withholding Tax	257.10	
87	Retirement Assn.	77.22	
88	Experimental Plant Blue Cross	34.55	

TOTAL EXPERIMENTAL PLANT PAYROLL

2,645.57

SCHOOL OF MINES TAX FUND

SUPPLY VOUCHERS

3591	Acme Silver Plating Works	72.00	
3592	Addressograph-Multigraph Corp.	110.09	

May 11, 1951