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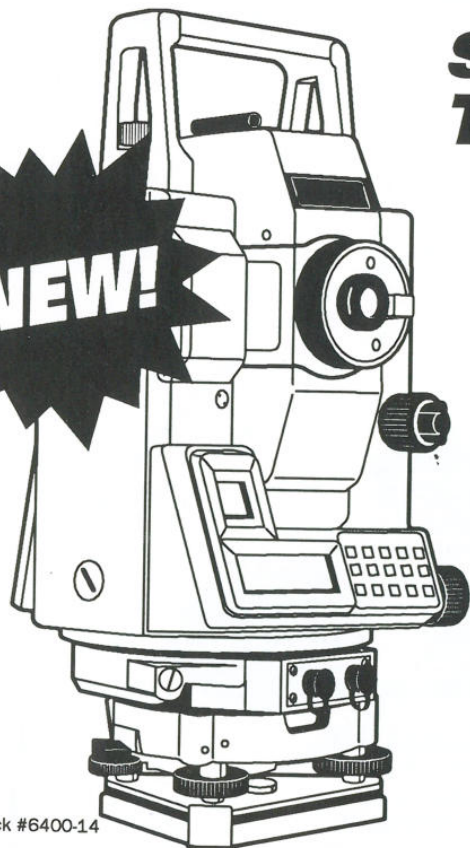
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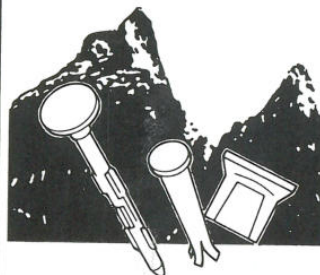
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(For Affiliate Member applicants only.)

NOTE: All portions of the state have chapters. Chapter dues or assessments may vary in amount. Applications are considered by the board of Directors at quarterly meetings. Send completed application to PLSW, c/o R. L. Hudson, Sec./Treas., P.O. Box 784, Thermopolis, Wyoming 82443.

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BLM NEWS

This letter is to inform you of official cadastral surveys in Wyoming that have been accepted from September 30, 1996 through November 15, 1996, were officially filed and are now available in the Survey Records Office, Wyoming State Office, Bureau of Land Management, P.O. Box 1848, 5353 Yellowstone Rd., Cheyenne, Wyoming 82003.

The accepted surveys are listed below by township, range, type of survey, meridian, and acceptance date.

Sixth Principal Meridian, Wyoming

Township and Range	Type of Survey	Meridian	Accepted
T. 50 N., R. 99 W.	Dep. Res.	6 P.M.	09/30/1996
T. 13 N., R. 104 W.	Dep. Res.	6 P.M.	09/30/1996

(Continued from Page 13)

establishment, but provides a history of other documented surveys which recovered the initial point(s), or nearby GLO corners and witnesses. Some of the monuments were "hidden" from view for many decades. A few were not recovered as they lie in inaccessible swamps or water courses. It is quite amazing that most of the initial points, or their perpetuated references, exist in light of apparent disinterest, until recently. The other interesting point this reviewer would like to make, is that there have been a significant number of individuals and organizations with various interests (surveying, history, etc.) who have worked on the search and perpetuation of the initial points. Mr. White has recognized them in his writings. Near the conclusion of each chapter White describes his visit to the site and the BLM, USC&GS, and USGS information as to the site's location.

It is interesting to note that 33 (of 38) initial points were established prior to 1882. Six initial points do not have a single day/date of establishment, but a period from ten months to over twenty years! Only four of the 38 initial points were established after the contract period (30 June 1910). Mr. White has done an excellent job of presenting the rationale behind the site selection of each initial point. He skillfully incorporates correspondence, field notes, instructions, and descriptive site conditions, which provide the reader a clear picture/understanding of the conditions encountered by the participants.

One excellent feature of this volume is the organization of the material. The treatise is similar to an anthology of historical events. The reader need not commence at page 1, and proceed. Each Initial Point (chapter) is a self-contained history. The reader can "pick and choose," without reading the preceding chapters. There is no need to review other chapters in order to understand the background and establish the scene/setting for the ensuing events. In a few instances, in the establishing initial points in the Old Northwest Territory and the South, reference is made to other initial points, but these references are only to clarify the chronology of events.

Probably the most important aspect of this work is the style of writing employed. I believe C. Albert White would be the first to admit that he is not a "classical historian." His two major works "label" him as an *historical chronicler*. Nowhere in this work does White apologize for the actions (or inactions) of the participants, as has been in vogue in the recent writings of many historians. He is not attempting to convey some subliminal theory. The volume would probably not meet academic standards

for historical writing. There are insufficient footnotes - as a matter of fact there are no footnotes! Academicians would probably state that Mr. White should not have interjected his personal observations, but written solely in the third person. *Wrong!* Mr. White wrote for his audience. He researched the records, and voiced his thoughts about the events, attempted to interpret what occurred, and "fill-in" the gaps. The research of land survey and land title records prior to World War I is an art. Researchers are very fortunate to be able to locate twenty-five percent of the appropriate documents. When documents are missing, it is a "fine art" to supply reasonable explanations and interpretations of the missing facts/documents. In this reviewer's opinion, C. Albert White is a very good interpreter of historical evidence (written and physical). Throughout this volume, he has demonstrated, to me, his ability and capability. Mr. White would be a challenging adversary in litigation pertaining to historical surveys. White's writing is *simple, direct*, and factual. There is no hint of an ulterior philosophical premise for this work, other than providing a documentary history of the establishment of these 38 unique points.

This review is based upon a set of galley proof sheets dated: 20 September 1996. As I write this review the volume is being printed and bound. In my copy, I found a number of typographical errors and two misspellings. I am informed that many, if not all, the errata have been corrected. I would like to assure the reader that these minor errors do not alter or mislead the reader, and do not degrade the effort. These minor nuisances do not alter the substance of these "histories." For us who write, it is a never ending task to find and correct typographical errors.

It is easy to criticize and find fault! However, it is important to acknowledge and compliment (praise). I believe a reader of this review has decided that I "like" White's treatise. The answer is a definitive Yes! I have written/published reviews for nearly 85 publications, and have been reviewer for nearly as many technical papers. It is a difficult assignment to submit an impartial analysis. When reading, analyzing, and reviewing White's work, I did not feel that I was "reviewing," but reading and studying for personal knowledge. The volume was "enjoyable and informative." Some years ago (c. 1978) I wrote a review for the first edition of *Maps For America* by Morris M. Thompson. For the first, and only, time I stated in a literature review "...has written a classic." I would like to now add: C. Albert White has written what will become a classic.

Herbert W. Stoughton, Ph.D.



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EDITORIAL POTPOURRI

O NEW PLSW MEMBERS - At the 7 DEC 96 Board of Directors meeting, the following new members were approved:

Heidi L. Pfosch, LS Pueblo West CO Member
Thomas A. Johnson Riverton, WY Associate

CONGRATULATIONS AND WELCOME

O CORRECTION - In the last issue of *Lines & Points* the name of new associate member Kevin Burdges of Cody, Wyoming, was spelled incorrectly. Please accept our apologies Kevin.

O PLSW MEMBERSHIP - Recruiting new members is every members responsibility. RECRUIT A NEW MEMBER TODAY.

O SUPPORT OUR ADVERTISERS - As evidenced by the exhibitors at the annual convention, our advertisers support us. We should support them.

O Long time advertiser Survey Supply Service has changed their address. The new address is P.O. Box 51227 Casper, WY 82605-1227. The address change was prompted by the closing of Casper's Hilltop Post Office.

O LOCAL PLSW NEWS - We need news of your chapter's activities. Send us a summary of your chapters activities or other related activities for publication. Summaries need not be typed. The deadline for the next issue of *Lines and Points* is presented on this page.

O PLSW BOARD MEETINGS - Tentative 1997 Board of Directors meetings are scheduled as follow:

January 30	Rock Springs
May 3	Thermopolis
September 13	Rawlins
November 14 & 15 or	
December 5 & 6	Casper (Winter Tech Session)

O LINES AND POINTS FAX - The *Lines and Points* fax number is 307-235-5604 or 307-235-8184.

O E-MAIL LINES & POINTS - *Lines & Points* is on the WEB. Contact www.dond@trib.com.

O ACSM WEB SITE - The new ACSM Web site is open and ready. The URL is <<http://www.landsurveyor.com/acsm/>>.

O 77th ANNUAL CONVENTION - The tentative agenda for the Rock Springs convention is presented in this issue.

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PLSW (Professional Land Surveyors of Wyoming) is a statewide organization of Registered Land Surveyors licensed to practice in the Equality State of Wyoming. PLSW is dedicated to improving the technical, legal, and business aspects of surveying in the State of Wyoming. PLSW is affiliated with the American Congress on Surveying and Mapping and the Western Federation of Professional Land Surveyors.

Editorial Staff: John Hibsman, Steve Strang, Don Davis.

Lines and Points subscription \$50/year

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PRESIDENTS MESSAGE

It has been a very busy summer and due to the continued good weather it continued into the winter. I guess the weather is always an item of conversation.

I think the initial "Winter Technical Session" can be called a success. Seventy-one registered at the Parkway Plaza to hear & participate with Stan French and Jim Schermetzler of the 6th & 7th of December. The interactions were spirited, particularly with Stan. I don't recall anyone getting fidgety towards the closing hour of each session. Generally speaking the participants seemed to place high value on our exclusive first statewide winter session. The Board meeting later Saturday made several suggestions which included name tags next year. We had representatives from Montana, South Dakota, Nebraska and Colorado that I am aware of.

There was some discussion whether to make the session one day. The primary reason I heard was to make overnight stays unnecessary. I would offer that in the future, the scramble for professional development hours will be less hectic. Generally, the programs would be "self contained" either by half day or one day sessions, if circumstances only allow attendance for one day.

The projected income at this time for the Winter Tech Session is about \$1800.00. The Board of Directors determined that a budget item, "Seminar Fund" be established. The fund is to be used to pay speaker fees, or more direct benefits for the seminar attendees, such as meals, binders for speaker's notes, etc. Another aspect of the large fund balance is that maybe the seminar fee might be reduced for next years program.

NSPS map contest has been taken over by John Lee. He received twelve proposed winners which were judged by John, Jack Studley and me. We chose this method due to time constraints. There was a failure to start the process in a timely manner, therefore this method has to suffice. PLSW will pay the entrance fee for each category winner. For those who sent checks with your entry map, you will be reimbursed later by PLSW.

The S.O.S. corner record competition is still ahead. I hope there were many who will take the opportunity to submit your best effort for a chance at the \$100 prize money. Along those lines, Rick Hudson built a display board showing the various ways a corner record form might be filled out. It is a visual aid for the Guide for Preparation of the Corner Record form. Check it out in Rock Springs in late January. It is a pretty impressive display board.

Note the September 28, 1996 BOD meeting had a report made by Paul Scherbel on the rededication of SW corner of State of Wyoming, special thanks to Paul for his efforts. Please take the opportunity to express appreciation for Paul's unceasing effort to get publicity for the profession.

LCCC AGA survey equipment - formal recognition was December 13th. It was an excellent program and I was really honored to be a part of something this important to survey education. The status of the education program for

surveyors at LCCC is unknown at this writing.

We need to get going on Trig Star. Word is Texas has a novel idea; give the teacher an award equal to the student award. Maybe it would spark more interest for the teacher to participate in the project. BOD discussed the idea and everyone thought it to be excellent. No motion was made and no funds were included in the proposed budget. I have written an amendment letter to the Secretary/Treasurer to increase the budget by \$300.00. It will be more fully addressed at the annual meeting.

The Board of Registration for Professional Engineers and Professional Land Surveyors (BOR) has prepared legislation for sponsorship in the upcoming session. The initial review doesn't seem to reveal much more than changing the name of the Board. Registrant and certificate will be changed to licensee and licensure. Partnerships and limited liability companies are also defined. The most significant inclusion in this proposal is the establishment of lawful means for the BOR to impose an administrative penalty on licensed and non-licensed practitioners.

In September, Martin Pedersen asked for my help to select a working committee to prepare questions for the Wyoming specific Land Surveyors examination. The two day session was chaired by John Dolinar in Casper in November. From the meeting, 113 questions were written into the Question Bank. Future committee engagements will increase the bank of truly Wyoming questions. For their efforts, I also thank the participants.

I hope to see you all in Rock Springs January 30th.

Pete Hutchison, President

Book Review

Initial Points of the Rectangular Survey System by C. Albert White; Publishing House/Professional Land Surveyors of Colorado [7380 Lowell Boulevard; Westminster, Colorado 80030]; \$89.00 (plus \$7.00 S&H); 560 pages + 16.

When C. Albert White stated to me at the rededication ceremonies for the Sixth Principal Meridian (11 June 1987) that he was researching and visiting the initial points (38 in number), I wished him well and hoped that he would write a brief commentary in conjunction with photographs (historical and current) of each locality. Having read White's *A History of the Rectangular Survey System* (1983) in both manuscript and published form, I knew this new work would be an accurate and professional treatise. When the printer provided me galley proof sheets, I was amazed at the magnitude of White's effort. The volume is 576 pages.

The time and effort expended on this project by Mr. White boggles my mind. Even with assistance from BLM associates, local historians, and regional professional land surveyor societies, it is difficult to comprehend what has been accomplished. If we review the Dodd/Stewart work (Iowa), Berry's work (Michigan), and Burt's work (Mississippi) it is more amazing to have a volume of this scope. Granted, the entire state/territory GLO surveys are not researched and discussed, but the thirty-eight sites established between 1785 and 1956 are described.

The volume is divided into 37 chapters. Chapter 37 describes establishment of the Kateel River (17 October 1956) and Umiat (31 December 1956) [Alaska] Initial Points. All remaining chapters describe a single initial point. The initial points are

presented in chronological sequence of establishment. The reader can follow the progress of the General Land Office (GLO) as it "matured." Mr. White has located records which "tell it like it is." There is no attempt to "gloss over" sordid details of political infighting, miscommunication, and acrimonious dialogue between the "game players." We find a mixture of highly competent professionals, incompetents, political hacks, government bureaucrats, and well meaning laymen. Mr. White has introduced us to everyone, described their roles, and documented his research.

The material for each initial point is in chronological sequence. Excerpts from correspondence, instructions, field notes, etc. are included in order that the reader can obtain a better insight into each project. The reader is a witness to the entire sequence of events from the beginning, including the pertinent writings.

Each chapter (Initial Point) is a stand-alone document, Mr. White introduces some historical information concerning early exploration and settlement. Included, are narratives of the attempts to quiet Indian titles. Also, pertinent treaties of acquisition of the lands from foreign and Indian nations, territorial and statehood enactments, and associated Federal statutes are cited. Other Federal legislation directly related to the projects is referenced. The background information needed to set the scene for the surveys has been well researched. The reader is taken along the survey as it evolved through judicious use of field notes, correspondence, and other documents. Each Initial Point survey was different.

Mr. White does not terminate his "histories" with the original

(Continued on Page 14)

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BOARD OF DIRECTORS MEETING SUMMARY

The late fall meeting of the Board of Directors was held in the Gourmet Room of the Parkway Plaza Hotel and Convention Centre in Casper on Saturday, December 7th, 1996. The meeting was hosted by the South Central Chapter, arrangements having been made by Director Don Davis.

The meeting was called to order by President Pete Hutchison at 1:31 P.M. with eight board members and two other members present.

The minutes of the September 28th board meeting, held in Rock Springs, had been previously mailed to all board members and were presented by Secretary Rick Hudson. Following discussion, they were approved as presented.

The treasurers report was presented, also by Rick Hudson, and consisted of tabulations of the current funds as well as expenses and balances for the first eleven months of the year.

National Society of Professional Surveyors Governor Becky Braman distributed copies of her report of the Board of Governors' Meeting she attended on November 16th and 17th in Denver and discussed various items presented at that meeting. She stated the major issue involved the North American Free Trade Agreement, specifically boundary surveying issues involving United States and Canadian surveyors and the resolution submitted to NSPS by the Canadian Council of Land Surveyors. She mentioned the national winner of the Trig-Star competition, for the past two years, has been from Texas. Proposed standards for GIS and GPS surveys have been drafted and distributed for comments. She concluded by mentioning the NSPS barbecue to be held at Las Cruces, New Mexico, on June 9th, 1997, in conjunction with the "XVI International Surveyor Instructors Conference" and suggested we consider sending a team to the competition.

Paul Reid, our delegate to Western Federation of Professional Surveyors, presented an oral version of his written report resulting from the November 15th Board of Directors' meeting he attended in Denver. He discussed the group insurance package available to PLSC (Colorado) members. Copies of the overview will be sent to all directors for distribution to members. Paul mentioned that the two Brunton vests arrived too late for the auction and will be raffled at the Wyoming Engineering Society convention. A general discussion regarding ABET accreditation followed.

Oral reports were presented by Legislative, History, SOS / NSPS Map, Newsletter and Trig-Star Committees.

Pete, on behalf of Legislative Committee Chairman John Steil, stated that proposed legislation will involve a changeover to "license" from "registration" and changes in the implementation of the State Board of Registration rules and regulations.

Rick stated that he will prepare this years update to "A History" for presentation at the annual state meeting in Rock Springs.

John Lee, representing SOS / NSPS Map Competition, reported that a mailing had been made last month to all members. This led to a general discussion regarding entry fees and resulted in a motion being carried wherein PLSW will cover the entry fees for this years NSPS Map Competition. He continued by stating that the "S.O.S." Corner Record Competition will be held at the Wyoming Engineering Society convention and all agreed that a better display is needed. The deadline for entries was set

as January 20th and a notice will be sent out with the 1997 Ballot and Annual State Meeting Notice next month.

Don Davis, of our newsletter "Lines & Points", stated that material for publication in the next issue should be submitted as soon as possible to insure the issue will be mailed before the annual state meeting.

Marshall Lindeen, state coordinator for the NSPS "Trig-Star" program, led a general discussion regarding the competition. It was mentioned that at least one state presents cash awards to both student and instructor.

The first item of old business was Pete's oral report updating members on the gift to Laramie County Community College Foundation for the Engineering Technology program. He stated that he will be attending the award luncheon next Friday, the 13th, and pointed out that the foundation will be publicizing the event through various media outlets. During a general discussion, it was stated that PLSW member Dr. Herbert Stoughton, now a professor at Metro State in Denver, will also be instructing several courses at LCCC.

The next item of old business concerned the "Deceased / Retired List" being compiled by our Upper Platte Chapter. Director Marshall Lindeen stated the list has been returned from the Southeast Chapter and will be forwarded to our members in Sheridan.

A final matter of old business involved the NCEES funding request for the ethics correspondence course. Following a motion to remove the item from the table, Pete led a general discussion concerning the matter. Input from various chapters generally favored the concept and some sort of financial assistance but most indicated that additional, and specific, information must be received before a final decision can be made by the members. Director Paul Blough will chair an ad hoc committee, assisted by member Gary Hatle and a member of our Northeast Chapter, to report to the general membership at the annual state meeting.

Following a short recess (to determine the score of the WAC playoff game in Las Vegas), Pete reconvened the meeting at 3:16 P.M.

The first item of new business was the presentation of applications for new membership by Rick. One affiliate, Tom Johnson, of Riverton, and one (new registrant) member, Heidi Pfosch, of Pueblo, were confirmed by unanimous vote. Welcome to PLSW!

The next item of new business was a critique of our first "Winter Technical Session", held yesterday and earlier today. All present at this meeting had attended the session. Favorable comments noted the large (approximately 70) number of attendees and the excellent luncheon. Comments also indicated a need for name tags (numerous attendees were from out of state), a suggestion that binders for the printed materials would be helpful, and the possibility of a one-day rather than two-day session. The majority of those present indicated a preference for mid-November rather than December. A general discussion regarding registration fees led to the decision, later in the meeting, to establish a "Seminar Fund" category within the 1997 Budget.

The next item on the agenda was discussion of the 1997 Ballot. A slate of candidates for the three annual offices, as well as a proposed bylaws amendment regarding membership

(Continued on Page 6)

categories, has yet to be submitted. As a result, the ballot can not be finalized at this time.

Rick solicited input for the 1997 Annual State Meeting agenda and led a general discussion dealing with the format thereof. The consensus indicated the meeting will follow the present format with changes in the distribution of printed materials. All members are advised that the 1997 Annual State Meeting will be held on January 30th at Rock Springs and in conjunction with the 77th annual Wyoming Engineering Society convention.

The 1997 Board of Directors' meetings will be as follows: January, after the annual state meeting, in Rock Springs; late April or early May, in Thermopolis; early September in Rawlins; mid-November, in conjunction with our second "Winter Technical Session", back here in Casper. Hosting chapters will be Southwest, Northwest, Upper Platte and South Central, respectively.

The next item of new business was the 1997 Budget. Rick distributed copies of the worksheet and additional budget requests were received from Becky and Pete. The initial summation was unacceptable to the board members and, after several revisions, an acceptable level of spending was approved. The final budget will be presented to the general membership at the annual state meeting. The board chose to designate the income and expenses from the "Winter Technical Session" (and any other seminars) as "Seminar Fund" with the budget, utilizing the same format as that for the "Scholarship Fund".

The final item of business authorized a letter to be sent, to the Governor, supporting Pete's nomination to the State Board of Registration for Professional Engineers and Professional Land Surveyors. That nomination originated with Ralph Goodson, president of the SBRPEPLS, who will be retiring after two terms.

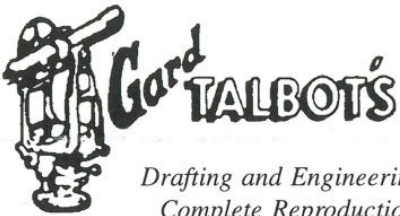
Due to prior arrangements for the meeting room, and there being no additional new business, the meeting was adjourned by common consent at 5:26 P.M.

Dated this 16th day of December, 1996.

R.L. Hudson,
Secretary / Treasurer

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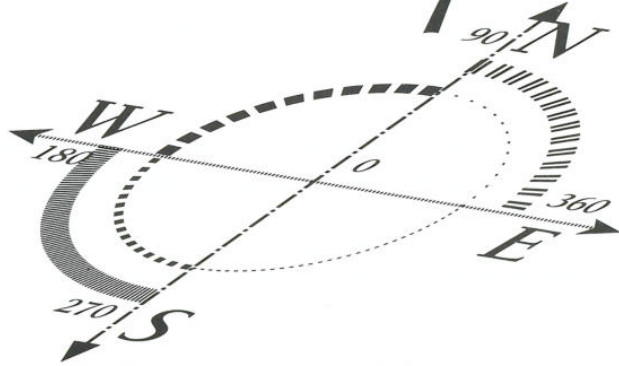
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Donation Buys Surveying Equipment for LCCC Students

The Professional Land Surveyors of Wyoming (PLSW), in cooperation with the Wyoming Transportation Department and Geotronics of North America, has secured a donation to Laramie County Community College worth more than \$67,000, according to Oliver Sundby, executive director of the Laramie County Community College Foundation.

Through the three organizations' efforts, students in the new surveying option within the college's Engineering Technology Program now have refurbished electronic surveying equipment to use in their education.

Peter J. Hutchison, senior engineer with InterMountain Professional Services, Inc. in Cheyenne and president of the PLSW, commented that "it is important to have opportunities for younger surveyors," which will be enhanced by the special equipment provided for the program.

LCCC adjunct surveying instructor Dr. Herbert W. Stoughton, a member of the PLSW, was instrumental in arranging for the college to receive the donation. He learned from Curtis Clabaugh, state photogrammetry and surveys engineer, that the Wyoming Department of Transportation was trading in old surveying equipment to Geotronics of North America in Golden, Colo., and inquired about what would happen to the equipment. The result was that Geotronics refurbished the equipment and sold it to the PLSW at a substantial discount so the organization could donate it to the college.

Calling the equipment donation project "a lesson in



Left to right: John Lee, John Stiel, Herb Stoughton

networking," Geotronics field representative Paul McDaniel said, "We couldn't have done it without good relations with the Wyoming Department of Transportation," adding that the company probably wouldn't have done it if he hadn't been acquainted with Stoughton for many years.

The college obtained five "total station" electronic surveying instruments, which measure angles and distances using infrared light. Now an industry standard, this type of instrument integrates information to determine a number of different types of data needed by surveyors and transmits the information into a computer system.

In addition, Geotronics has pledged to give LCCC students an opportunity to become familiar with its most current equipment through demonstrations and workshops on campus.

"In this industry, state-of-the-art changes rapidly. It's impossible for any institution to maintain state-of-the-art equipment," explained McDaniel.

The surveying instruments were received by the college in November and will be used in the Introduction to Surveying course offered this spring.

PLSW members who contributed to the project are John Dolinar of William H. Smith & Associates P.C. of Green River; Ralph Goodson of Bearlodge Ltd., Inc. of Sundance; Martin Pedersen of Robert Jack Smith & Associates Inc. of Rawlins; the Upper Platte Chapter of the PLSW; Pete Jorgensen of Jorgensen Engineering of Jackson; Mike Quinn of Nelson Engineering of Jackson; and Rick Hudson of Thermopolis.

The LCCC Foundation hosted a luncheon Dec. 13 to recognize the Professional Land Surveyors, the Department of Transportation, and Geotronics.

Eleanore "Eflie" Wagner Field



Left to right: Pete Hutchison, Kevin Brookshire, Becky Braman,

Report for Board of Governor's Meeting

NATIONAL SOCIETY OF PROFESSIONAL SURVEYORS

The Board of Governors for the National Society of Professional Land Surveyors met in Denver, Colorado, on November 16 and 17, 1996. As usual, there was a very full agenda, including some internal housekeeping measures, but also many items of interest to the surveyors of Wyoming. The major issue was the North American Free Trade Agreement, particularly how to work with Canada for the implementation of the treaty with regard to surveying. Other items of interest to surveyors included the status of TrigStar and a new idea to encourage its growth, proposed model standards for GIS and GPS, a reciprocal agreement with the International Right of Way Association, ideas to publicize surveying, and an invitation from New Mexico.

NAFTA - As most Americans are aware, the United States, Canada and Mexico have entered into the North American Free Trade Agreement. This means a reduction in trade restrictions among the three nations. This also includes regulations and restrictions for such professions as engineering and surveying. In respect to the profession of surveying, Canada is organized somewhat similarly to the United States, in that Land Surveyors must have minimum education requirements, must pass examinations on technical knowledge and law, and are licensed by the provinces as U.S. surveyors are licensed by the states. Some things are different. Each provincial Council of Land Surveyors is rather like a combination of PLSW and the State Board of Examiners, since the Council prepares the examinations, licenses surveyors and provides a professional organization. All licensed surveyors are required to belong to the provincial council. The Canadian Council of Land Surveyors represents these provincial councils, except Quebec.

The Canadian Council of Land Surveyors, in order to allow surveyors to control the process, has passed a resolution defining which aspects of surveying will be treated under the NAFTA process. A copy of the resolution is enclosed. In essence, the resolution says that boundary surveying is unique to a culture, to a locality and to a history. Consequently, boundary surveying will remain governed exclusively by the states and provinces, as it is now. Other forms of surveying will be opened up to allow exchange of trade opportunities, with the national border being treated no differently than the state or provincial boundaries.

This resolution came before the Board of Governors, since NSPS is the negotiating body for surveyors of the United States. A special committee of the Board of Governors considered the resolution and conducted much discussion. The boundary surveying provision had advocates and detractors. The matter is being remanded back to the state associations, asking for comments on the Canadian resolution. Comments are needed by April, 1997, for the next meeting of the Board of Governors. PLSW needs to consider this question, even though Wyoming does not share a border with Canada, it is not unlikely that surveyors from Wyoming may want to seek business in Canada or Canadian surveyors may want to work in Wyoming. The NAFTA treaty is an accomplished fact, and surveyors must step forward to control the future.

No organization comparable to NSPS or the Canadian Council of Land Surveyors in Mexico has been located to

TrigStar - Alex Saltman of LBJ High School, in Austin TX, attending college in Boston; TrigStar is growing currently active in 12 states, with some more states are hoping for sponsors from surveying equipment manufacturers; NSPS Board of Governors authorized the Trig-star committee to give an award, of equal amount of money, to the teacher of each of the national Trig-star winners. This programs success depends on teachers taking extra time to prepare students, to encourage students to participate and to help with the test. Also this is some sort of monetary recognition of the outstanding teachers of trigonometry. PLSW may want to also provide awards to the teachers of the winning students. Texas has tried this approach, including an announcement in the state teachers' magazine. The results have been very good, with much increased participation and enthusiasm among teachers. (Texas has had the national winner for the last two years.)

Standards for GIS and GPS - Enclosed are copies of proposed model laws to establish standards of GIS and GPS. Please be aware that these are very tentative. Since in Wyoming, the surveyors have not adopted any professional standards, these standards should probably be adopted as part of minimum practice standards. However, both GIS and GPS are areas that certainly could use some standards and should be considered for inclusion into the definition of Land Surveying.

The International Right-of-Way Association represents people who work with rights-of-way for utilities and highways. Recognizing their common interests with land surveying, IRWA has proposed an agreement with NSPS which will allow members of each organization to attend educational seminars at the member rate for the sponsoring organization. This agreement is still being finalized.

Publicity for surveying - The Pennsylvania Society of Land Surveyors has had great success in publicizing the surveying professions through the promotion of Surveyors' Week. They have also prepared a charming coloring book (Ray Connin helped with it.); and a video.

The New Mexico Professional Surveyors invites practicing Land Surveyors to attend the NSPS barbecue. This will be in Las Cruces, NM, on June 9, 1997. The celebration will be in conjunction with the "XVI International Survey Instructors Conference" being held at NMSU in Las Cruces. It would be especially great if Wyoming could get together a barbecue team.

Becky Braman, Wyoming Governor



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Meeting Report

Western Federation of Professional Surveyors

Board of Directors, Denver, Colorado

November 15, 1996

Meeting was called to order by Chairman Ron Whitehead @ 1:10 p.m. with 15 delegates and officers in attendance.

Meeting minutes of the June 1, 1996, Board of Directors meeting were approved.

Chairman Ron Whitehead noted Chuck Paddock's resignation as WFPS Secretary, thanked him for a job well done and opened with the nominations for WFPLS Secretary. After discussion, it was motioned, seconded, voted and approved the selection of Dave Difulvio, Colorado delegate as the new Secretary of WFPLS. Chuck Paddock will remain as a Arizona delegate.

Chairman Ron Whitehead presented a written Chairman's report. Besides some housekeeping notes, Ron emphasized WFPS working on common issues that will benefit the individual state societies and their members. Before leaving the meeting he stated he would like a list from each state showing the top five issues, legislation, concerns or member benefits that they are dealing with at this time.

Treasurer Jerry Tippen presented a written financial report ending August 31, 1996 for WFPS. In summary \$66,284.30 is in a Market account, which \$20,563.75 is designated for scholarships. As of August 31, 1996, checking account balance was \$2,290.80.

Chairman Ron Whitehead then introduced Lisa Dickkut of Commercial Risk Solutions. At the request of the WFPS Board of Directors, Lisa Dickkut was asked if she would give a report on the insurance program presently benefitting the Professional Land Surveyors of Colorado. Lisa gave a very thorough and excellent report concerning the insurance program. This program is a one of a kind in that it is custom tailored for surveyors. A insurance program overview was given to each state delegate

and I will try to disseminate this information to PLSW members. It is a excellent insurance program in which Lisa Dickkut has spent years in using her expertise in the insurance industry in formulating this program.

The Conference 1997/1999 committee chairman, Chuck Pearson reported that the 1997 WFPS conference will be held March 9-12, 1997 at the Luxor Hotel/Casino in Las Vegas, Nevada. It will be joint affiliation with the California Land Surveyors and Nevada Association of Land Surveyors annual convention. Don Wilson will be the convention speaker. The 1999 conference will be in Portland, Oregon in affiliation with the Oregon and Washington societies.

Reports were presented by the Education, Scholarship, NCEES Liaison committees.

Discussion was held concerning WFPS direction. After discussion it was generally agreed that WFPS has evolved from a reactive to proactive status in association with matters that affect surveyors in the Western US. Also, WFPS should continue to orient itself towards and seek out programs which benefit each state society.

It was reported that the 1997 NSPS Barbecue is still planned to happen in Las Cruces, New Mexico, Monday, June 9, 1997. Jim Reilly has the charge of the "XVI International Survey Instructors Conference: to be held June 9-11.. The Barbecue is intended to be the "Ice-Breaker" for the event. Jud Rouch will be ACSM President and will be a "cooker". New Mexico has a local group of surveyors to cook and represent New Mexico and it was stated they need cooking teams from Arizona and Colorado at minimum. Are there any surveyors from Wyoming that would be up to cooking a few Buffalo steaks or burgers?

Discussion was held concerning a trend developing throughout the nation whereby Lenders, Title Companies and Realtors are abandoning the long established practice of ordering a survey at the time of real estate sales or mortgage transactions. A copy of the NSPS resolution was handed out concerning this matter.

Discussion and review was held concerning the "Proposed Standards of Accuracy for ALTA/ACSM Land Title Surveys" and "Proposed Standards for Classification of Land Information System/Geographic Information System Surveys". A motion was made, seconded and approved in cleaning up some of the verbiage in the proposed ALTA/ACSM standards concerning relative positional tolerance and relative positional uncertainty.

Blair Meggitt reported on the status of his state societies benefits report he is working on. Also, he will be compiling a report on the status of member WFPS states concerning right of entry and liability legislation.

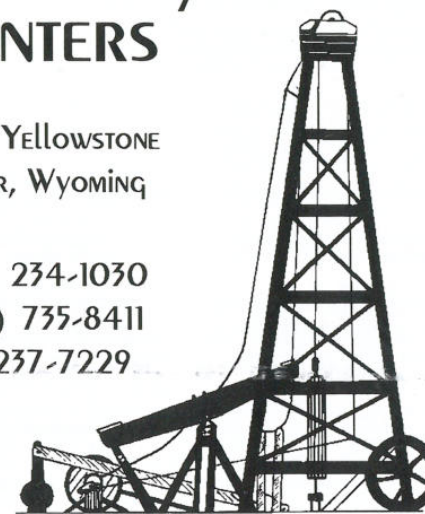
Review of written State Reports with verbal updates was done with the following highlights:

Alaska - Alaska has had a Right-to-Enter statute effective since 1986. The Seward Meridian Initial Point was rededicated on July 16, 1996 on the 50th anniversary of the B.L.M. There were approximately 80 people in attendance at the rededication. The speakers were all interesting, including a GLO surveyor who worked in the area in the 1930's and 40's. A.P.S. Board of

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(Continued from Page 7)

Directors passed the NSPS Resolution objecting to homeowner affidavit renewing as built surveys. ASPLS recommends that WFPS also pass a similar resolution, and pass it on to member states for action.

Colorado - Professional Land Surveyors of Colorado, Inc. has been successful in the completion of the first year of its Partnership Agreement with Metro State College of Denver to re-vitalize its 4 year Surveying Degree Program. Herb Stoughton has been employed as another full time professor for the program which has seen increase of over 200% in credit hours since the Partnership Program started. PLSC, through the Colorado Surveyors Educational Foundation, has donated over \$27,500 this past year for the program. Among other things, the Boundary Law II class is being professionally taped to offer as a correspondence course. PLSC is in the process of publishing Al White's new book, "Initial Points of the Rectangular Survey System". It is a fabulous book with over 130 photographs. 100% of the proceeds go to the Metro State College Surveying Program. (I have reviewed a advance copy of this book and would like to see every member of P.L.S.W. purchase a copy as an addition to their professional library. Also, it is a easy way to show support towards our regional 4 year college program that could benefit those in our state.) PLSC is developing a PLSC Web Page and expect it to be on line early in 1997. PLSC is participating in a special committee of our State Board of Registration to study establishment of a system to access PLSS corner monument records in digital format vial internet or subscription service.

Montana - Montana Registered Land Surveyors Association reported they have had 3 seminars this year. They are broadcast from a central location via satellite to a number of meeting rooms across Montana and allow for interactive discussions statewide. Requests for expressions of interest have been solicited from states in the area surrounding Montana for their proposed Tri-State Conference in mid April of 2000 and invite all West Fed members to consider attending.

New Mexico - New Mexico Professional Surveyors annual meeting will be held in Albuquerque, January 23-24, 1997. PDU's are available for some of the programs. For information contact Terese Forstbauer @ P.O. Box 3611, Albuquerque, NM 87190-3661 (505) 268-NMPS.

Utah - Utah Council of Land Surveyors Annual State Convention is to be held in Provo, Utah on February 6 and 7, 1997. Utah is planning on monumentation and restoration ceremonies at the Southwest Corner of Utah in the Spring of 1997 and Northwest Corner of Utah in the Fall of 1997.

The next WFPS Board of Directors meeting is scheduled for March, 1997 @ the 1997 Conference.

Meeting was adjourned @ 4:57 p.m.

BLM Names Lead Cadastral Land Surveyor

Donald A. Buhler of the Interior Department's Bureau of Land Management (BLM) has been selected as the lead land Surveyor for the BLM's Cadastral Survey Program. Buhler, who has been working in the BLM's Utah State Office, will serve as the national and international authority for Federal cadastral survey activities, including the Bureau's geographic coordinate data base, survey automation, and geodetic functions.

Buhler, a 20-year employee of the BLM and a native of Wendell, Idaho, received his college education at the University of Utah, the University of Arizona, and the University of Wisconsin. His professional experience includes surveying work for the BLM, U.S. Forest Service, and the National Park Service. He also participated in the survey of the Alaska Railroad. Some of the positions Buhler held in the Utah State Office were geodesist, Geographic Coordinate Database Manager, Cadastral Survey Branch Chief, and Geographic Sciences Leader.

Buhler will head up the cadastral survey program, which oversees the maintenance and propagation of the Public Land Survey System (PLSS), a system that includes all Federal interest lands, Native lands, and 30 participating states. The rectangular grid system is used as a basis for legal and land descriptions that become part of the permanent land records of the United States. In addition, the cadastral survey program is the main architect fort the building of the geographic coordinates of the PLSS, which is the foundation of geographic information systems in both the pubic and private arenas.

Buhler will work under the Land and Realty Group (202-452-7744) in Washington, D.C.

**1997 WFPS/CLSA/NALS
CONFERENCE**

MARCH 9-12, 1997
LUXOR HOTEL/CASINO
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For Further Information Contact:

Conference Registration	Exhibits - Jerry Tippin
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Fax: 707/578-4406	Fax: 916/581-3162

WYOMING ENGINEERING SOCIETY 77th ANNUAL CONVENTION ROCK SPRINGS, WYOMING 30 JAN 97 - 1 FEB 97

TENTATIVE AGENDA

THURSDAY - 30 JAN 97

8:00 am to 12:00 pm - A. ASCE Concurrent Workshops

1. Structural Masonry
2. Pump Selection and Testing
3. Soil Strength and Design
4. Wellhead Protection

B. Exhibitors set-up

1:00 pm to 5:00 pm - Registration and Exhibits
1:00 pm - PLSW and WACES annual meetings
3:00 pm - ASCE meeting
3:30 pm - WSPE meeting
6:00 pm -

Attitude Adjustment & Early bird Dinner

FRIDAY - 31 JAN 97

8:00 am to 5:00 pm - Registration & Exhibits
8:00 am to 1:00 pm - Underground Trona Mine Tour
8:30 am to 9:00 pm - Opening Session & Welcome
9:00 am to 10:00 am - 1. GPS for GIS
2. Paints that Don't Require Solvents
10:00 am to 10:25 am -
10:30 am to 11:45 am - 1. Solar Arrays for Field Use
2. What the Web can do for You
12:00 pm to 1:00 pm -
1:00 pm to 2:20 pm - Prepare for Court, Expert Testimony
2:20 pm to 2:45 pm -
2:45 pm to 4:00 pm - Harassment & Discrimination the Workplace
4:00 pm to 5:30 pm -
6:15 pm -

Coffee Break

Lunch

Break

Exhibitors Beer Break
Attitude Adjustment and Dinner

SATURDAY - 1 FEB 97

8:30 AM TO 9:30 AM - 1. Recycled Tires - Slide Stabilization
2. Ethics in the Workplace
9:30 am to 9:50 am -
10:00 am to 11:00 am - Collections and Writeoffs
11:00 am to 12:00 pm - 1. Survey Education in Wyoming
2. Construction Management Software
12:00 pm to 1:30 pm - Joint Session - Controlling the Faces (Mt. Rushmore)
1:30 pm to 2:45 pm - State Board Update - Ralph Goodson
3:00 pm to 5:00 pm - Wyoming Engineering Society Meeting
6:00 pm -

Break

Attitude Adjustment and Awards Dinner



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