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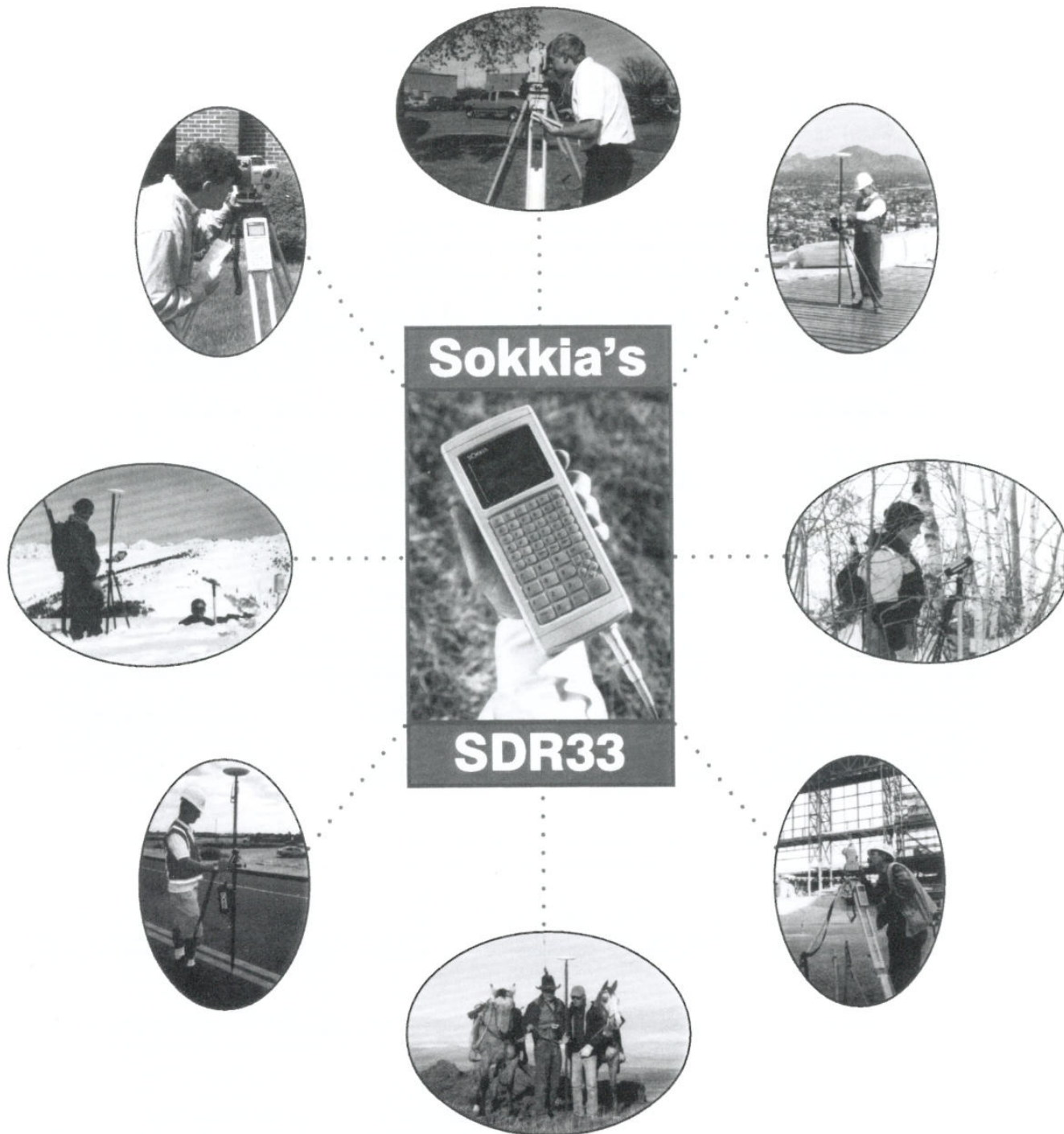
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VOLUME 12, NO. 3

NOVEMBER 2000



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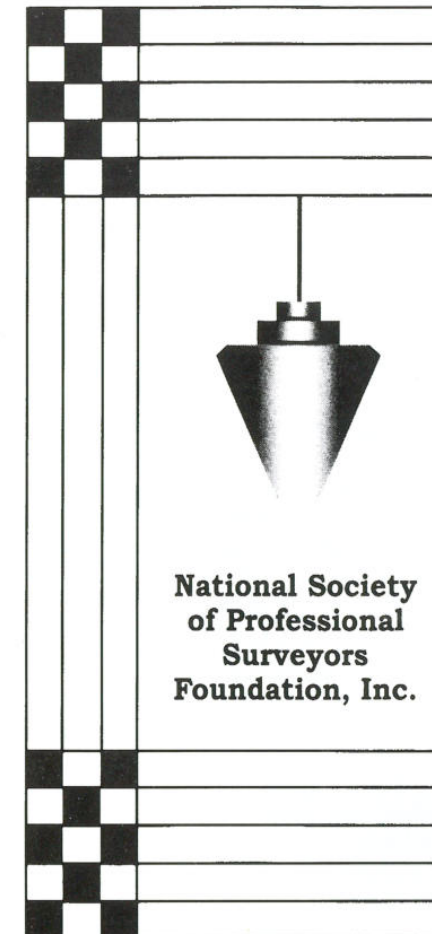
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2000 PLSW MEMBERSHIP APPLICATION PROFESSIONAL LAND SURVEYORS OF WYOMING

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☐ **Sustaining Member**, annual dues \$100. (Persons, institutions or corporations desiring to assist PLSW financially.)

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APPLICANT'S SIGNATURE _____

SPONSOR'S SIGNATURE
(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 Herbert W. Stoughton, Sec./

EDITORIAL POTPOURRI

O NEW MEMBERS - At the last BOD meeting, the following new members were approved:

Roger W. Collyer Bozeman, MT Member
Margaret M. Sonnie Cheyenne, WY Special Member
WELCOME AND CONGRATULATIONS

O PLSW BOARD MEETINGS - The Board meetings for 2000 are as follows:

11 NOV 00 Casper

All members are welcome. Contact your Director for the time and place.

O Lines & Points FAX - Our fax numbers are 307-235-5604 or 307-235-8184.

O Lines & Points E-MAIL - Contact dond@trib.com. or johnhh@trib.com.

APOLOGY

Our last issue contained numerous errors. The issue was proof read and submitted for correction and printing. Several corrections were omitted. Our apology to our readers and Jeff Jones, PLSW president.

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by
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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.

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Classified	40¢ per word/issue	
Employment	Free	

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Deadline for next issue — 15 DEC 2000

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SUPPORT "SOS"

PRESIDENT'S MESSAGE

Where are we now? Summer has flown by, winter has given us a taste of what's to come and Christmas is just around the corner. It seems that everyone is just as busy as ever before. Maybe that's why we had a less than packed house at our last Board of Directors Meeting.

The truth is, we nearly didn't have a quorum. We had only two Chapters represented at this meeting. Luckily we had a guest to sit in as a Director so we could conduct business. There was a lot of discussion that the lack of attendance is due to our Profession not having a "crisis" to band us together. That is to say that we are cruising along just fine, with no bumps in the road.

Don't look now, but we may have something to spark your interest. At the next B.O.D. we shall need to decide if and how our Society shall participate in the A.C.S.M. plan to have all State Society members also be members of A.S.C.M. and at what additional cost. Several states have instituted this plan and have been generally pleased with the results. The cost per member per year has been around \$75. Do we want to participate in this?

The reasons for joining A.C.S.M. are to give us, as a Profession, a strong voice in the state, national and international scene. Does it matter to us? With the use of GPS (GLOBAL Positioning System) we are no longer working in our own little realm. Tommy Brooks at A.C.S.M. is working very hard to try to make our national society a strong voice in more than just in D.C. He is trying very hard to find out what A.C.S.M. can do to help surveyors with local and statewide problems. Our society needs to either adopt this idea of being a part of A.C.S.M. or not, by the first of December. We should have been discussing this for a long time, but it has not been brought up before, and I realize that time is short.

This is an issue that concerns us all, and we need your input. The next B.O.D. meeting will be in Casper on November 11. It would be nice to have all members in attendance, but at least enough Directors to have a quorum would be appreciated.

JEFF JONES, PLS
PRESIDENT, PLSW

GENERAL DESCRIPTION OF T. 24 N., R. 108 W., SIXTH PRINCIPAL MERIDIAN, WYOMING (1900)

On page 62 of the "Manual of Surveying Instructions, 1894," there appeared the following requirement:

"Besides the ordinary notes taken on line (and which will always be written down on the spot, leaving nothing to be supplied by memory), the deputy will subjoin, at the conclusion of his book, such further description or information touching any matter or thing connected with the township (or other) survey which he may be able to afford, and may deem useful or necessary to be known—with a *general description* of the township in the aggregate, as respects the face of the country, its soil and geological features, timber, minerals, waters, etc."

On May 3, 1900, Edward F. Stahle, U.S. deputy surveyor, penned a general description of a township (T. 24 N., R. 108W., 6th P.M., located about 10 miles southwest of Farson, Wyoming) he had just surveyed. In it he follows the above manual requirement to the letter—and a bit beyond:

"The land in this township may have, at one time, been

covered with a luscious growth of grass, but at the present writing, that is the scarcest product of the soil.

"Both the noble red man and the magnificent bison doubtless had many an exciting chase over its billowy stretches, owing to the number of arrowheads used by the former, and the horns of the latter, scattered over it. But there are none here now.

"It was doubtless covered with water at one time, as is demonstrated by the vast number of fossils found upon it, but I regret to say, that there is no water here now. Our parched lips and swollen tongues emphasized this condition too often for comfort.

"There were a large number of trees growing on it, during the grassy, watery days of yore as we found a number of petrified stumps, but there are no trees here now. Our frugal noonday repast could not be partaken of under the shade of a petrified stump and we were compelled to expose our handsome, bewhiskered, sun-browned visages to the scorching rays of the meridian sun.

"As we did not find any banana peelings, coconut bark, peanut shells or corn husks, it is fair to assume that the soil never was fruitful or productive. In fact, it is not now.

Indications point strongly to the fact, that it was adapted to neither horticulture or floriculture. We found no signs of carnations, roses, or honeysuckles. We occasionally stumble over a protruding root but doubt that they ever belonged to the grape vine.

"This may have been a paradise for birds and bees; not that we found any vestiges of antiquated aviaries or apiaries or any other signs of bird or bee life, but they may have winged their flight across the township. However, there are none here now.

"A meadow lark did warble his lay on a twig of rabbit brush, and then disappeared. That is the lark; the rabbit brush remains as proof of my story. While animal and bird life seems to have become extinct here, we are not entirely void of live companionship. Homed toads, scorpions, centipedes and many other like charming bed fellows, are quite plentiful.

"Nature has, at the present time, been niggardly in distributing shade trees and shrubbery, but while there are no sweet peas, gladiolas or lemon verbena, the beautiful white and sweet sage and prairie cactus abound.

"If perchance we failed to notice the latter in perambulating about, and our toot came in contact with it, we have heard other names applied to it than beautiful. As one pursuing sedentary habits would avoid a tack on a chair, so we, whose habits are of a peripatetic nature are cautious of the sharp needled points of the cactus.

"Taking it all in all, however, for some unaccountable reason sheep manage to exist here in the winter time and that is all there is of it, excepting a few scattered agates and topaz."

Edward F. Stahle, U.S. Deputy Surveyor



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Big Sky 2000
Preliminary estimates for committees and reports

BIG SKY 2000 CONFERENCE DISBURSEMENT

Conf. % X 2 days + Seminar (1day %) divided by 3 days is weighted avg. percentage for split between four states per Conference Chair Warren Latvala

Conference & Seminar income		\$110,963.20
Conference & Seminar expenses		-\$28,979.61
Big Sky Resort Expenses		-\$44,911.20
Big Sky 2000 net income		\$37,072.39
MARLS SCC Chapter 10%		-\$3,707.23
TO DISBURSE TO STATES		\$33,365.16

BIG SKY SEMINAR

STATE	Attendees	Distribution %
Montana	148.83	59.3%
Idaho	63.33	25.2%
Wyoming	23	9.2%
North Dakota	15.83	6.3%
Non members (32)		
TOTAL	250.99	100.0%

BIG SKY CONFERENCE

STATE	Attendees	Distribution %
Montana	199.33	56.5%
Idaho	88.83	25.2%
Wyoming	40	11.3%
North Dakota	24.83	7.0%
NON MEMBER (41)		
TOTAL	352.99	100%

TOTAL STATE DISTRIBUTION	\$33,365.16	Distribution %	AMOUNT
Montana		57.4%	\$19,151.60
Idaho		25.2%	\$8,408.02
Wyoming		10.6%	\$3,536.70
North Dakota		6.8%	\$2,268.84
TOTAL		100%	\$33,365.16

SCHOLARSHIP AUCTION	Auction	\$19,674.80
	Silent Auction	\$1,589.50
NOTE: Scholarship Buffet paid by	Expenses	-830.18
Big Sky 2000 funds	TOTAL	\$20,434.12
DISBURSED AS DESIGNATED	MARLS only	-\$2,105.00
DISBURSED AS DESIGNATED	ISPLS only	-\$387.00
Scholarship Auction \$		\$17,942.12

Big Sky 2000
Preliminary estimates for committees and reports

TOTAL STATE DISTRIBUTION	\$17,942.12	Distribution %	AMOUNT
Montana		57.4%	\$10,298.77
Idaho		25.2%	\$4,521.41
Wyoming		10.6%	\$1,901.87
North Dakota		6.8%	\$1,220.07
NON MEMBER (41)		0.0%	
TOTAL		100%	\$17,942.12

State	Conference	Auction	Auction	TOTAL disbursement
MARLS SCC Chapter	\$3,707.23	\$0.00	\$0.00	\$3,707.23
MARLS	\$19,151.60	\$10,298.77	\$2,105.00	\$31,555.37
ISPLS	\$8,408.02	\$4,521.41	\$387.00	\$13,316.43
PLSW	\$3,536.70	\$1,901.87	\$0.00	\$5,438.57
NDSPLS	\$2,268.84	\$1,220.07	\$0.00	\$3,488.91
TOTAL MONIES disbursed				\$57,506.51

MISC. ATTENDEES INFO	
SEMINAR ATTENDEES PAID	283
CONFERENCE ATTENDEES PD	394
GUESTS	8
SECRETARIES	4
SPEAKERS	7
EXHIBITORS	45
SPOUSES (signed up)	74
TOTAL CONF. ATTENDEES	832

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BIG SKY REPORT

Board of Directors, Professional Land Surveyors of Wyoming
% Herbert W. Stoughton, P.E.-P.L.S., Secretary-Treasurer
2821 Carey Avenue
Cheyenne, WY 82001

RE: Big Sky 2000 Committee Activities Final Report

Dear Board,

This report concludes activities planning and execution for the Big Sky 2000 Conference, successfully held in Big Sky, Montana from April 19 through April 21, including a one day seminar scheduled into the program.

The enclosed summary was provided to the Secretary-Treasurer in early July with the fund disbursement received from the Conference Committee Treasurer. In summary, PLSW provided 9.2% of the conference attendance, adjusted for multi-state registrations/licenses. Our return on that attendance, in addition to the return of the \$1000 seed money for the conference, was a total of \$5438.57, comprised of \$1901.87 in scholarship funds and \$3536.70 in general funds.

It was a pleasure to have successfully participated in the conference as Chair and as an attendee. I reiterate that learning the need for better management as Chair, in the form of a larger committee kept current through the process, was my education for the pleasure. Thanks to all who supported or participated in the conference. Credit John Lee and the Board during his presidency for seeing the need for and benefit of such participation.

Respectfully submitted,

Kevin D. Jones, P.E.-P.L.S., Chairman

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Big Sky 2000 MARLS Profit & Loss July 1997 through June 2000

	Jul '97 - Jun '00
Ordinary Income/Expense	
Income	
Big Sky 2000 Conference	
Banquet	7,890.00
Exhibitor Registration	
Additional Tables	80.00
Exhibitor spaces	13,750.00
Exhibitors meals	560.00
Power	900.00
Sponsor	50.00
Exhibitor Registration - Other	480.00
Total Exhibitor Registration	15,820.00
Registration Income	86,931.00
Scholarship Auction Income	21,264.30
Big Sky 2000 Conference - Other	167.00
Total Big Sky 2000 Conference	132,072.30
Reimbursed Expenses	0.00
Total Income	132,072.30
Expense	
Bank Service Charges	2,063.20
Entertainment	1,750.00
FVCC record PDHs	1,355.00
Hotel	44,911.20
Miscellaneous	1,071.49
Office Supplies	264.14
Postage and Delivery	1,197.83
Printing and Reproduction	13,105.01
Scholarship Auction expenses	830.18
Speakers	7,650.00
Spouse Program Expense	417.00
Telephone	105.94
Uncategorized Expenses	0.00
Total Expense	74,720.99
Net Ordinary Income	57,351.31
Other Income/Expense	
Other Income	
Interest Income	155.20
Total Other Income	155.20
Net Other Income	155.20
Net Income	57,506.51



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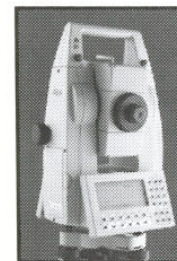


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DRAFT
Professional Land Surveyors of Wyoming
Board of Directors Meeting Minutes, 26 August 2000

The Board of Directors' Meeting of the Professional Land Surveyors of Wyoming.

a. Location: Rock Springs, Wyoming, at the Santa Fe Trails Restaurant.

b. Date & Time: Saturday, 26 August 2000 at 10:24 hrs. M.D.T.

c. Presiding Officer: Mr. Jeffrey B. Jones, P.L.S., President.

2. Agenda: The final agenda is appended [Enclosure No. 1].

3. B.O.D. Minutes: Motion was made by Dawson/K. Jones to approve the minutes of the Board of Directors' meeting of 13 May 2000 at Worland. Motion carried.

4. Secretary's Report:

a. Secretary Stoughton reported the recent deaths of relatives of PLSW members. Sympathy cards had been sent in the name of the membership of PLSW. These individuals were:

1. Carl Prestfeldt (father of Ronald W. Prestfeldt) 6 August 2000.

2. Mary M. Hutchison (mother of Peter J. Hutchison) 8 August 2000.

b. Secretary Stoughton reported that Lucille Perry, wife of Larry T. Perry, had surgery in early August and had been discharged from the hospital. A get well card had been sent in the name of the PLSW membership.

c. At the 13 May Board of Directors's meeting Secretary Stoughton had been instructed to write and post a letter to Governor Geringer concerning the Wyoming State Engineer appointment. The letter sent to Governor Geringer and the letter received from the Governor's office were read [Enclosure No. 2]. There was no action required.

4. Treasurer's Report: The financial reports were distributed. Treasurer Stoughton indicated that the MFS Intermediate Income Fund-B [MFS hF-B] (the income is automatically reinvested into shares of stock) was converted into MFS Limited Maturity Fund-A [Ltd MA], and MFS HF-B ceases to exist. The income statement for MFS hF-B and Ltd MA need to be revised because the transfer took place on 17 March, and the monthly reports of the incomes require clarification. Secretary Stoughton stated that PLSW has not lost any income because of the transfer, but he records the income in the PLSW books on a monthly or quarterly basis, and has contacted the MFS Investment Management for additional information. Motion was made by K. Jones/Hudson to accept the published reports. Motion carried.

a. Income [Enclosure No. 3].

b. Checking Account activities [Enclosure No. 4].

c. Investment Accounts/Portfolio held by the investment counselor [Enclosure No. 5].

5. President's Report: There has been not much activity because of the busy summer. He reported that the success of a professional society is only due to the willingness of the membership and the chapters to support programs and work on projects.

6. Committee Reports:

Meeting.

b. Bylaws Committee - No report.

c. Convention Committee - Secretary/Treasurer Stoughton reported on attending a Wyoming Technology Transfer seminar pertaining to the soon to be implemented Federal Regulations 30 CFR Part 46 Training Plan. The subject of the seminar was training and retraining of miners engaged in shell dredging or employed in sand, gravel, surface stone, surface clay, colloidal phosphate, or surface limestone mines. Included in this training requirement is training required for independent contractors and "scientific workers" (this includes surveyors and engineers) who work at a mine site for "frequent periods (of time). Stoughton wrote Don Davis requesting that the instructor present an informational talk at the 2001 WES Annual Meeting [Enclosure No. 6]. Secretary/Treasurer Stoughton was instructed to contact Joel Ebner and request the PLSW Education Committee investigate the opportunity of providing a twelve hour seminar divided into eight hours pertaining to 30 CFR Part 46 and four hours pertaining to traffic control/safety for surveyors.

d. Education Committee - There will be no Fall 2000 Technical Meeting. Refer to 6.c.

e. History Committee - Secretary Stoughton submitted a draft Appendix G to the PLSW History. The Appendix contained the speech delivered by Secretary of State Kathy Karpan at the dedication of Centennial Acre on 19 July 1998 [Enclosure No. 7]. The Board of Directors expressed agreement that this Appendix be added to the History.

f. Legislative Committee - No activity, no report. Honorary Member Paul Scherbel discussed the "Modified Real Estate Subdivision Act." There exists a Rule Making Outreach Document for Minimum Requirements to Demonstrate the Safety and Adequacy of Proposed Subdivision Water Supply Systems and Sewage Systems dated 12 August 2000. The point of contact is Kevin Frederick, P.E.; (307) 777-5985. The Board of Directors directed the Secretary/Treasurer to mail a one page announcement on this rule making document and the date of the public hearing.

g. Lines & Points - No report. President Jones was instructed to write a letter concerning the latest issue concerning the number of typographical errors.

h. Manual of Professional Practice - Chairman Don Oakley reported that there has been no activity by the committee. The current manual has been divided into sections and distributed to the committee for review and comment. Once comments are gathered, a draft of the proposed manual will be offered for review.

i. Membership Committee - Motion was made by K. Jones/Dawson to accept the following applications for various membership categories: Members: Roger W. "Rusty" Collyer, PE/PLS 8236; Special Member: Margaret M. Sonnie. Motion carried.

j. Nominations & Elections Committee - The committee has started canvassing for candidates.

k. P.L.S.W. Handbook: - The handbook is mailed to all new members.

l. Professional Awards Committee: Report is submitted at

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-LETTERS TO THE EDITOR

(Continued from Page 12)

for his consideration. This group is in the final stages of their work and will be presenting recommendations to the Governor within the next 10 days. Please be advised that I have forwarded a copy of your letter to the committee members for their consideration.

Thank you, again, for taking the time to write and offer the assistance of your group. I know how anxious we all are to bring closure to this important selection. We appreciate the tremendous support that so many Wyomingites, like yourself, have offered to us in the candidate identification and selection process.

Best regards,
Rita C. Meyer, Chief of Staff

Mr. Don A. Davis, P.L.S.
3430 Brookview Drive
Casper, Wyoming 82604
Dear Don,

Today, I attended a University of Wyoming; Wyoming Technology Transfer Center workshop on the Federal 30 CFR Part 46 Training Plan. The subject was training and retraining of miners engaged in shell dredging or employed at sand, gravel, surface stone, surface clay, colloidal phosphate, or surface limestone mines. Included in this training requirement is training required for independent contractors and "scientific workers" (this includes surveyors and engineers) who work at a mine site for "frequent or extended periods (of time)." I queried the instructor about the definition of "frequent or extended periods." He stated that "frequent" meant periodic - weekly, monthly, quarterly and that extended meant five or more consecutive days. My interpretation means that any land surveyor performing surveying and mapping consulting services at a mine site must have, under these definitions, all personnel working on the job site specifically trained in accordance to CFR 30 Part 46. This Federal regulation becomes effective on 2 October 2000.

I strongly recommend that this instructor be invited to present a seventy-five (75) minute talk to the W.E.S. Surveyors' technical program at the February 2001 Annual Meeting. I doubt that many of the PLSW membership are aware of this new regulation, and that it would be in the best interests of membership to present an overview on the subject.

I informally spoke to the instructor, and he would be willing to present such a paper. The instructor, Mr. Gary R. Wolfe, has a busy training schedule, and if you desire to invite him to W.E.S., I recommend that the invitation be extended by 1 September 2000! Gary R. Wolfe; Gillette Campus; 1001 Plaza, Suite 150; Gillette, Wyoming 82716; (307) 870-5872 (0); (307) 875-6409 (r) [Green River]; e.mail: gwolfe@wyoming.com and gwolfe@wwcc.cc.wy.us.

Sincerely,
Herbert W. Stoughton, Ph.D., P.E., P.L.S., C.P.
PLSW Secretary/Treasurer
Campbell & Associates
P.O. Box 758
Cody, Wyoming 82414

Attn: Paul Campbell LS

I am writing to you as per our phone conversation this morning in reference to disturbing existing monuments on the external boundary of a proposed subdivision. As you are the chairman of the Standards, Ethics & Professional Practice Committee, I would like to have an opinion on this matter.

The Sheridan County Planner, Shad Sherman Springer, PE, is quite adamant about following the Subdivision Resolution which states:

Permanent monuments shall be set on the external boundary of the subdivision. Subdivision corners shall be set with two (2) inch diameter brass or non-corrosive metal caps.

He said that if he had a letter from the committee with an opinion that was in regard to disturbing existing monuments, he would then feel justified in 'bending' the resolution. He was not aware of the Wyoming Statute 6-3-202. Altering landmarks; penalties. I also would go so far to say he probably is not aware of 36-11-107 "reconstruct or rehabilitate" found monuments to make them as permanent as is reasonably possible, which in my opinion, would be done ONLY when the monument is deteriorating as our own GUIDELINES FOR THE PROFESSIONAL PRACTICE OF LAND SURVEYING states under Chapter 11-4-1a, page 11, "By far, the best evidence of a true corner position is an original, called for, proven monument found in place."

I have tried to explain to him that the existing monuments are not only the corners for the proposed subdivision but also the adjoining landowners'. I know of more than one situation where the adjoiner was the one who paid to have the monuments set and was quite adamant about not disturbing them.

I have no problem of setting two (2) inch caps on external boundaries when there is nothing else previously set, but pulling original monuments found firmly set in good condition, I do not feel comfortable with. I will respect and follow your opinion on this matter.

Sincerely,
Dan Rederth LS

PROFESSIONAL LAND SURVEYORS OF WYOMING SOUTHWEST CHAPTER SALE ITEMS

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Items may be purchased by sending check or money order and a list of the desired items to:

PLSW Southwest Chapter
476 Schultz St.
Green River, WY 82935

Or contact Randy Rowley at 307-872-7152
for further information.

-BOD DRAFT

(Continued from Page 6)

the Annual Meeting.

m. Public Relations Committee:

1. Several meetings were held with the State and local historical societies to promote surveying in the proper historical perspective in the settlement and development of Wyoming.

2. PLSW SE Chapter was invited to participate in the GIS committee in Laramie County and have attend the Wyoming State GIS committee. The Laramie County committee is attempting to develop a procedure to acquire GPS data on section corners and have the date included on the section recordation form.

3. News items and public relations items have been submitted to the Casper Star Tribune and Wyoming Tribune Eagle, but there has been no apparent interest (or considered not news worthy). Also, contacts have been made with Wyoming's two major television station with unsatisfactory results.

n. S.O.S. Committee - It was announced that the judging for the S.O.S. competition and the Wyoming submissions for the NSPS national map/plat competition will take place at the 11 November meeting of the PLSW Board of Directors.

o. Scholarship Committee - No activity, no report.

p. Standards, Ethics & Professional Practice Committee - The Committee has received a letter from Dan Rederth concerning the Sheridan County Subdivision Regulations concerning monumentation [Enclosure No. 8].

q. Trig-Star Committee - Only five Tri-Star competitions took place at Wyoming high schools in 1999/2000. Pat Grady, the Wyoming winner (Gillette) participated in the national contest. The national winners were: First place: Jeffery Sonneborn, New Hampshire; Second Place: Eric Matz, Iowa; and Third Place:

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r. Allen W. Mace Memorial Raffle: The raffle is conducted at the W.E.S. Annual Meeting.

7. Delegate Reports:

a. ACSM-NSPS Board of Governors - The reports are published in Lines & Points.

b. WestFED - The reports are published in Lines & Points.

8. Old Business:

a. Big Sky 20(X) Conference: - Kevin D. Jones submitted a final report of the conference.

The original seed monies (two - \$500 payments) have been returned and deposited in the PLSW checking account. The PLSW share from the conference was \$5,438.57 (\$1,901.87 in scholarship funds and \$3,536.70 in general funds) [Enclosure No. 91].

b. Surveyors' Hall of Fame - Secretary Stoughton was instructed to write the Southeast Chapter concerning this matter, and submit their proposal at the November 2000 Board of Directors' meeting.

c. ACSM-PLSW Student Chapters - Secretary Stoughton was instructed to write the Southeast Chapter concerning this matter, and submit their proposal at the November 2000 Board of Directors' meeting.

(Continued on page 8)

REPRINTED MAP SOURCES OF SNAKE RIVER

**SNAKE RIVER EXPEDITION -
JAMES STEVENSON, DIRECTOR**

The Northwest Chapter has reprinted, from an old (perhaps first printing) lithograph found in a cabin west of Cody, the map of the Hayden - Stevenson expedition and survey of Jackson Hole, Yellowstone National Park and surrounding vicinity. The map shows the campsites of the expedition, from July 12th, 1872, at Fort Hall, Idaho Territory, up the Snake River, into Yellowstone, and returning to Fort Hall on October 11th.

The reprint measures approximately 28 inches by 29 inches overall, black printing on white background, and is printed on heavy photographic paper.

The map is representative of the cartographic style of the time and uses shading to depict mountain ranges, water lining on lakes and artistic profiles of various ranges including the Tetons.

A 39-page excerpt from "Great Surveys of the American West", by Richard A. Bartlett, published by University of Oklahoma Press, is to be included with the map (reprint permission pending) and details the progress of the expedition.

**THE CHAPTER IS OFFERING PRINTS TO PLSW
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ORDER FROM:

PLSW, NORTHWEST CHAPTER
R. L. Hudson, Secretary / Treasurer
P.O. Box 784
Thermopolis, Wyoming 82443

-BOD DRAFT

(Continued from Page 7)

d. GPS Control Data Bases - Secretary Stoughton was instructed to write the Southeast Chapter concerning this matter, and submit their proposal at the November 2000 Board of Directors' meeting.

e. Record of Survey and Land Title Concerns - Secretary Stoughton was instructed to write the Southeast Chapter concerning this matter, and submit their proposal at the November 2000 Board of Directors' meeting.

9. New Business:

a. Director K. Jones described the continuing difficulty in identifying the individual(s) in the PLSW chapters having the responsibility in selling the PLSW memorabilia. The consensus was that the sale of all PLSW (logo) memorabilia be sold/distributed from a central source. Motion by K. Jones, second by Stoughton, that hence forth all PLSW memorabilia will be manufactured and distributed by the PLSW (headquarters). Motion passed. The Secretary/Treasure was instructed to notify all chapters of the action and request that all items be forwarded to an identified central location with a invoice of the cost incurred for the items.

b. The Surveying and Mapping Program at the Metropolitan State College of Denver has complete ten of the approved courses in surveying and mapping and a 40-hour review course in land surveying [Introduction to the Technical Aspects of Surveying]. Motion by Dawson, second by K. Jones, that President Jones write a letter to the Head of the Surveying and Mapping Program investigating implementation of surveying education by distance learning in Wyoming. Motion passed.

c. Secretary Stoughton circulated a two page list of the land surveying organizations and their addresses for reference.

10. Announcements:

a. The schedule for the remaining 2000 PLSW Board of Directors' meetings is:

1. 11 November 2000; Casper, Wyoming. It was recommended that the site be the Parkway Plaza. Secretary/Treasurer Stoughton was directed to investigate the matter.

11. Adjournment: Meeting was adjourned at 14:35 hrs., M.D.T.

Respectfully submitted,
Herbert W. Stoughton, Secretary/Treasurer

John R. Thorpe 1932-2000

John R. Thorpe, 68, of Cheyenne died Aug. 28 at his home.

He was born March 24, 1932, in Dayton, Ohio.

Mr. Thorpe had been the owner and operator of Rocky Mountain Transit.

He served in the U.S. Air Force in Vietnam.

Mr. Thorpe was a member of Veterans of Foreign Wars Post 1881.

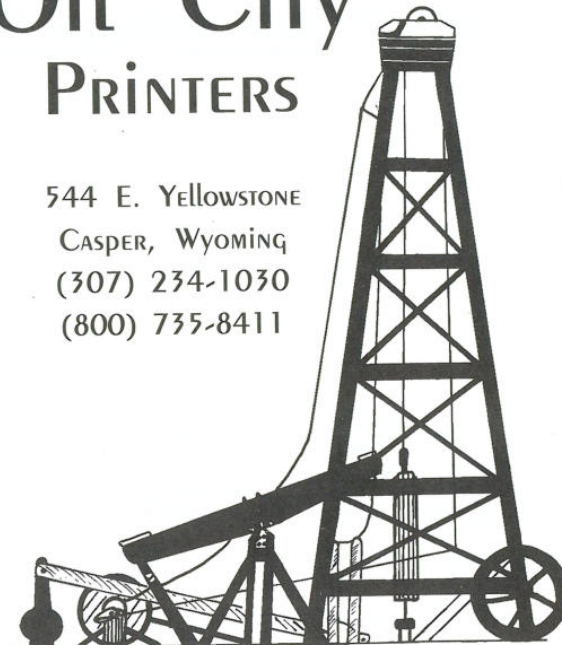
Mr. Thorpe is survived by four sons, Dan Thorpe of Sacramento, Calif., Paul Thorpe of Denver and Jay Thorpe and Jason Thorpe, both of Cheyenne; two daughters, Andrea Hamilton of Sacramento and Larissa Pruter of Denver; two sisters, Carol Karl of Bethel Park, Pa., and Janice Sands of Richardson, Texas; 10 grandchildren; and one great-grandchild.

Mr. Thorpe was preceded in death by his first wife, Martha; and his parents, Hillard and Melva Thorpe.

Editor's Note: Mr. Thorpe was a Special Member of PLSW. Also, he was a member of the 1st Geodetic Survey Squadron while in the U.S. Air Force.

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Editor, Lines and Points
P.O. Box 904, Casper, WY 82602
Dear Editor:

The purpose of this letter is to notify the Professional Land Surveyors of Wyoming of some informative Web Sites for Federal records and information.

The 1973 Manual of Surveying Instructions is now available on-line at the following two Web Sites:
www.az.blm.gov/plats/rmanual/rnan_index.html and
www.ca.blm.gov/webmanual/id1.htm.

The Eastern States Office of the Bureau of Land Management has expanded its Internet Web Site to include both Eastern and Western Historic Land Patent Records. The new Web Site includes indexes to patents issued prior to 1908 from most western states. A special feature of the new site allows you to query the General Land Office (GLO) database by name, whether the name belongs to the patentee, warrantee, assignee, or heir. Also, the image display capabilities have been expanded, permitting the user to choose among TIFF, GIF, and PDF file formats. Genealogists have found these documents to be a valuable research tool to verify lineage or to place an ancestor in a specific place and time. Title companies also use the information to ensure clear land titles. The BLM has computerized millions of these federal land records and has made the data easily accessible on the Internet in a user-friendly, name-searchable format at: www.glorerecords.blm.gov. Any questions regarding these records should be directed to Cathy Rodine at (703) 440-1721 or to Jim Gegen at (703) 440-1696.

The Geographic Coordinate Data Base (GCDB) ArcInfo format is accessible at: www.blm.gov/gcdb. GCDB is an adjusted depiction of all Lhe Cadastral surveys. GCDB data in other formats is accessible at: <http://wgjac.state.wy.us/wscd/blrn/gcdh/>. Questions regarding GCDB should be directed to Milbert Krohn at (307) 775-6225.

Sincerely, John P. Lee, Chief, Cadastral Survey Group

BLM NEWS

This letter is to inform you of official cadastral surveys in Wyoming that have been accepted on March 27, 1998, 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, WY 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. 43N., R. 109W.	Dep. Res.	6 P.M.	3/23/1999
T. 29N., R. 87W.	Dep. Res.	6 P.M.	8/17/1999
T. 56N., R. 70W.	Dep. Res.	6 P.M.	8/17/1999
T. 50N., R. 82W.	Dep. Res.	6 P.M.	8/17/1999
T. 40N., R. 93W.	Dep. Res.	6 P.M.	8/17/1999
T. 57N., R. 96W.	Dep. Res.	6 P.M.	8/17/1999
Tps. 22 & 23 N., Rs. 119 & 120 W.			
T. 48N., R. 76W.	Dep. Res.	6 P.M.	8/17/1999
T. 12N., R. 110W.	Dep. Res.	6 P.M.	12/13/1999
T. 47N., R. 65W.	Dep. Res.	6 P.M.	12/13/1999
T. 38N., R. 115W.	Dep. Res.	6 P.M.	12/13/1999
T. 54 N., R. 69W.	Cor. Dep. Res.	6 P.M.	12/13/1999
T. 47N., R. 87W.	Dep. Res.	6 P.M.	12/13/1999

As other surveys are completed, I will advise you of their acceptance. Please publish this letter in the next issue of *Lines and Points*.

Sincerely, John P. lee, Chief, Cadastral Survey Group

LETTERS TO THE EDITOR

State of Wyoming
The Honorable Governor Jim Geringer
State Capitol
200 West 24th Street
Cheyenne, Wyoming 82002
Subject: Appointment of the State Engineer
Dear Governor Geringer:

As Secretary/Treasurer of the Professional Land Surveyors of Wyoming (PLSW) I have been directed by the PLSW Board of Directors, at their meeting of 13 May 2000, to communicate to you their thoughts and concerns pertaining to the appointment of the Wyoming State Engineer.

First: The PLSW Board of Directors thought it inappropriate for PLSW to endorse any individual for that office at this time. However, the Board instructed me to inform you that if the screening/review committee desired assistance, PLSW was willing to provide assistance as requested.

Second: The PLSW Board of Directors is concerned about the qualifications of the person selected. Title 9, Chapter 1, Section 901 stated that the State Engineer shall be both a registered professional engineer and a professional land surveyor. Because a significant portion of the work with surface and subsurface water permitting requires adequate surveying/mapping information, the PLSW Board of Directors believes that an individual knowledgeable in water law and surveying and mapping is essential in performing the duties of the office. At this time, there is no employee in the Wyoming State Engineer's office who is involved in the permitting/review process for surface and subsurface water rights, who is a registered professional land surveyor.

Third: The PLSW Board of Directors recognizes the fact that individuals from out-of-state may apply for the position, and these individuals may be qualified from the standpoint of technical experience. The PLSW Board of Directors believes that the most important qualification is that the selected individual have good and significant experience in Wyoming water law.

If you or your staff have questions/concerns, or desire advice, please contact me. Thank you.

Sincerely,
Herbert W. Stoughton, Ph.D., P.E., P.L.S., C.P.
PLSW Secretary/Treasurer

Mr. Herbert W. Stoughton, Secretary/Treasurer
Professional Land Surveyors of Wyoming
2821 Carey Avenue
Cheyenne, Wyoming 82001

Dear Mr. Stoughton:

I am in receipt of your letter dated May 25, 2000. We appreciate the interest that you have expressed, on behalf of the land surveyors, in the appointment of the new Wyoming State Engineer. We are well aware that this appointment is critical to the future of Wyoming.

As you indicated, Governor Geringer appointed a Search/Advisory Committee to assist in bringing forward candidates

(Continued on Page 13)

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NATRONA COUNTY MONUMENTATION PROJECT
SOUTHCENTRAL CHAPTER / PLSW

By Don A. Davis, P.L.S.

Wyoming territory came into existence by act of Congress on July 25, 1868. The new territory was carved from sections of Dakota, Utah and Idaho territories. The territorial government



was formally inaugurated May 19, 1869. The first territorial governor, John A. Campbell, appointed by President Ulysses S. Grant, took the oath of office on April 15, 1869.



At the time of its organization, Wyoming Territory had already been divided into four counties: Laramie, established January 9, 1867; Carter (later Sweetwater), established December 27, 1867; Carbon and Albany, December 16, 1868. These counties extended from the northern to the southern boundaries of the territory. Upon



the organization of Wyoming Territory, a portion of Utah and Idaho, extending from Montana (including Yellowstone Park) to the Wyoming-Utah boundary was annexed and named Uinta County. As the territory and later the state became settled, the following counties were carved from the original five until there were twenty three counties in Wyoming.



Table with 3 columns: CREATED, ORGANIZED, FROM THE COUNTIES OF. It lists historical county divisions from 1875 to 1890.

July 10, 1890, the territory consisting of the counties noted above was admitted into the Union as a State, then:

Table with 3 columns: CREATED, ORGANIZED, FROM THE COUNTIES OF. It lists county divisions from 1909 to 1913.



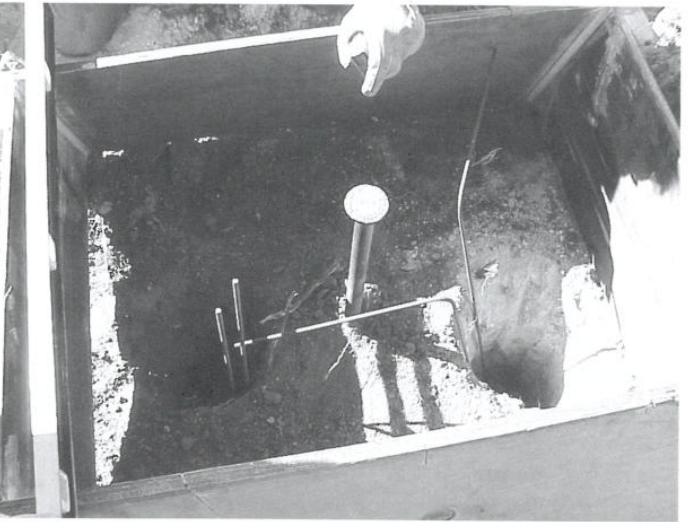
Table with 3 columns: Location, Year, and County. It lists locations like Goshen, Platte, Hot Springs, Washakie, Lincoln, Teton, Sublette and their corresponding years and counties.

Natrona County was partitioned from Carbon County at the Seventh Standard Parallel North, which is the south line of T.29N.,



R.77W., 6th P.M. Wm. O. Downey, beginning May 16, 1881 originally surveyed the Seventh Standard Parallel. His contract was for said Seventh Standard Parallel from the 9th to the 10th Guide Meridian. The resurvey was conducted by W. H. Clark from September 21, 1914 through August 23, 1915.

The legal description for Natrona County (18-1-101, Wyoming Statutes 1977) commences at the "south one-quarter corner of section thirty-three (33), township twenty-nine (29) north, range seventy-seven (77) west". Surveyors from the Southcentral Chapter PLSW recovered the 1915 G.L.O. brass cap at said south one-quarter corner during July of 1999. Initial scheduling for re-monumentation was for August, 1999. Due to workload and the inability of the chapter to corral volunteers, the project was shelved for a year.



Beginning in the Spring of 2000, monumentation plans were again made for the first Saturday after Labor Day. Dan "The Man"

McClenahan had collected a 24"x18" bronze shim from a dragline shovel and provided the machining and engraving for the monument. The shim weighed approximately 100 pounds. Including "The Man", other members of the re-monumentation crew included Mike "Photoman" Blum, C.K. "The Boss" Wolz, Bill "The Muscle" Auyer, Alan "The Claw" Cormier, Steve "The Scribner" Castle, Artie "The Digger" Schubert and Don "The Mixer" Davis. Alden Cormier, Sally and Don Stewart assisted the team with humor and subtle support.



With a seven vehicle convoy the crew mobilized a generator, cement mixer, concrete vibrator, 33 bags of concrete mix and 50 gallons of water on September 7, 2000. The monument was in place by the end of the day with the only remaining task to be the stripping of the form. A static GPS position was collected at the corner with the data being processed from the WLC base station in Casper. The WGS84 values are 42 25'59.5342"N., and 106 04'33.1001"W. The Seventh Standard Parallel North was intended to be at 42 26'N. A half-second of latitude here equates to approximately 50' south. Our tools are better! North American Datum of 83/93, (HARN), Wyoming East Central Zone State Plane Coordinates are N.1,034,971.91 usft, E.1,651,792.01 usft.



It is out intent to continue the monumentation of Natrona County annually, as scheduling allows, with our next corner being the Southwest. This corner is common to Fremont County and is the Standard Township corner common to section thirty-one (31), T.29N., R89W., Natrona County, and section thirty-six (36), T.29N., R.90W., Fremont County, on the Seventh Standard Parallel North.

