I AM PLEASED to report to the people of Western that
their efforts during this last fiscal year resulted in
record highs in both sales and earnings for Western
Geophysical Company.

Litton Industries sells, earnings reached new rec-
ords in the 1981 fiscal year that ended July 31. Net earn-
ings for the fiscal year were $311.6 million on sales of
$4.943 billion. Last year's earnings had been $290.8
million on sales of $4.247 billion. Fiscal 1981 was truly a
great year for Litton Industries, and we in Western con-
gratulate the senior management of Litton and the
management and the people of the various Litton com-
panies for their outstanding performance.

The performance of Western was a major factor in the
record achievement of Litton Industries. Each Westerner
has every right to be very proud of his contribution to the
success of Western. I, personally, am most certainly very
proud of your accomplishments, and I deem it an honor
to be your fellow employee.

These are strange times. Certain industries, such as
the service companies related to energy development,
are enjoying an unusually good business environment.
Other industries, such as those involved in residential
housing, are suffering from a fairly severe recession.
Still others, such as those associated with the manufac-
ture of automobiles, are indeed in a depression. We are
fortunate to be in the business that we are in at this partic-
ular time.

This is a good time to remind ourselves that times have
a way of changing. Even if the demand for services that
we provide remains at a high level, our industry will
become more competitive and there will be lower profit
margins for conventional seismic services. I believe that
this will occur due to overexpansion within our industry
if not for other reasons. This is the time to get our house
in better order.

We should not permit ourselves to expand our services
unless we believe that the services to be provided by the
expanded entity will be of high professional quality.

Many good Westerners, both past and present, have pro-
vided us with a company that has a reputation for pro-
essionalism that is unexcelled in our industry. We will
nothing to tarnish this reputation—we will do everything
possible to enhance it.

We should look critically at that part of the compa-
ny for which we are responsible. Are we taking the time
evaluate the people for whom we are responsible? Are
we tomorrow's leaders? We must identify them, give
them broad exposure, and reward them. If we are going
to continue being a superior company, we must attract
and keep superior people.

We must adhere to good, sound business practices in
all phases of our operations. We must justify each ex-
penditure and follow the procedures established for
tracking assets and liabilities.

We intend to remain the leader in technology. The
we shall continue to have a very strong Research and
Development Department, and projects that are appro-
ved will be funded.

Safety is a must. We do not want our people hurt, and
we do not want our equipment wrecked. Safety must be
stressed at all times—not to do so is unhealthy and un-
profitable.

Do not get the idea that I think we are doing a bad
job now in doing some of the things that I have mentioned.
We obviously are doing some things right or we would
not be in our present position within our industry. I am
just suggesting that it is only human to relax a little when
everything seems to be coming up roses. And, if we
relax too long, we shall wake up one day and dis-
cover that the bloom is off the rose. It is a part of my respon-
sibility to see that this does not happen in Western.

Therefore, the reminders.

I do not know what the future holds; but, because
you, the people of Western, I have no doubt of our ability
as a company to be successful within our industry in the
unknown future.

Thank you for a good year.

Howard Danziger
A two-night open house was held in January by the Dallas, Texas, data processing center, Western's newest addition to its growing number of data processing centers. Employees and their families were welcomed during the first evening, and local clients visited during the second to become acquainted with the center's up-to-date processing facilities. Both nights were well attended.

Among those at the open house were Western President Howard Dingman and wife Christine and Vice Presidents Orval Brannan, J. M. (Jim) Hornsby, John Laker, and Ben Langston. Special thanks go to Dr. Richard Bernard, manager-manpower planning and training, and Rhonda Boone, manager-advertising and public relations, for their efforts in making the event a success.

Officially opened for business in October 1980, the new facility is actually located in Richardson, a northeast suburb of Dallas. An existing building with 32,600 square feet of floor space was remodeled to accommodate the computer system, tape library, and playback facilities. Physical Planning Supervisor Hillman (Bubba) Southwick did an excellent job of supervising the necessary building modifications. Equipment installed includes an IBM 3033 computer system, Litton Resources Systems' PRE/SEIS® system computer, two electrostatic plotters, an incremental pen plotter, and a film plotter.

Westerners transferred to the Dallas center include Center Manager Gary L. Fair; Project Manager Fred Merten; Operations Manager Gale Gortemiller; Senior Analysts Arthur Porter and Bob Sutherland; Velocity Analyst Charles Hansbrough; Geophysical Analysts Michael Bryce, Tom Klingler, Dick Kirkpatrick, Gerald Smith, Dale Warkentine, and Robert Benavidez; Lead Computer Operators Jeff Jordan and Joan Klingler; Programmer Ray Abma; and Geophysical Technicians Maurice Atkinson, Fred Fannin, and Johnny Wade. The remaining staff was recruited from the immediate area. We are highly pleased with the quality of personnel who have joined Western.

Establishing a processing center from the ground up provided the opportunity to improve the logistics that are associated with submitting runs to the computer system by...
consolidating new developments from other centers and incorporating new ideas.

This center is a complete standard-label tape shop with a new tape-management system that automatically generates a tape label on an auxiliary printer in the computer room as an output tape is mounted. Sufficient information is retained by the tape system to allow the output tapes to be taken directly from the computer room and replaced in the tape racks. The tape library is organized with identical location and reel numbers; so the tape librarians are relieved of the drudgery of looking up location numbers and logging output tapes into the library.

Our next effort to improve logistics concerned entering jobs through time-sharing terminals. These terminals are located in analyst groups and, after "master" program set-ups are constructed, are used to update parameters unique to each line of data before the job is submitted to the computer. This method reduces the dependence of data processing personnel on keypunching.

To relieve the analysts of the task of manually writing run requests, Programmer Ray Abma was asked to write a program that would generate a run request automatically when a job is submitted from a time-sharing terminal. As usual Ray was equal to the challenge, and within a few weeks almost all of our run requests were being generated automatically.

One of the most heartening results that we have observed is the adaptability of our processing personnel to the new streamlined techniques. They have enthusiastically taken advantage of everything that we have done to alleviate their work load. Although relatively small compared to Western's other data processing centers, the Dallas center has a distinct advantage in starting fresh. We are pleased with the results that we have achieved to date.—Gary L. Fair.
Vice President John Loker visits with client Bill Clack during the open house festivities at the Dallas processing center.

Western President Howard Dingman (left) chats with client L. G. Megason during the open house of the new Dallas seismic center.

Project Manager Fred Merten chats with son Matthew during the open house of the new processing center in Dallas as Darren Fair, son of Center Manager Gary Fair, looks on.

Vice President J. M. (Jim) Hornsby (right) chats with Stacie Barnes (from the left) and Draftsmen Norman Barnes and Allen Gregory during the Dallas open house festivities in January.

A group of future geophysicists do a "hands-on" examination of a time-sharing terminal during the open house of the Dallas processing center.
Vice President Howard Dingman enjoys a joke with his wife, Christine (clockwise next to him), Tape Librarian Diane Dawson, Computer Operator Stacy Delaney, and Julia Dawson during the Dallas open house.

Operations Manager Gale Gortemiller (from the left), Betty Gay, Tape Librarian Supervisor Jim Gay, Geophysical Technician Andrea Arthur, Accounting Clerk Susan Dupree, and Playback Office Supervisor Gary Dupree are enjoying the open house refreshments.

Dallas seismic center Manager Gary Fair (center) chats with Melinda Hall (left), client Mike Hall, and wife Joan Fair (back of head).

The Dallas processing center is filled with Western's guests during the open house held for them.
MAGAZINES that have been around for many years all take on a personality of their own. Western Profile's personality is unmistakably that of Marianne Clarke, its editor for 23 1/2 of its 27 1/2-year life. Marianne's benign influence, firm hand, and warm heart will continue to be felt in the Profile's content and form for many years following her retirement after the publication of this issue.

Marianne has presided over a steady growth of the Profile from about 100 printed pages in its first year to nearly three times as many last year. She has managed this phenomenal growth without sacrificing quality and with a small staff that was eventually expanded to number only three people.

An account of all of the awards that she and the Profile have won and of all of the contributions that she has made would fill many pages. Several paragraphs would be needed to recount her education, degrees (cum laude), family background, and work experience, all distinguished and all in journalism and publishing. The rest of a large issue would not be enough to hold a list of her friends, of those whose joys she has shared, and of those whom she has cheered and helped through difficult times.

Best of all, Marianne has managed to make Western employees all around the world feel that she and the Profile are their good friends, that we are all part of a "Western family."

We shall miss you, Marianne, but your presence will always continue to be felt as we read future issues of the Profile. We wish you every happiness in your retirement, and we shall continue to call on you for help, advice, and a cheery word.—Booth B. Strange.
Western's Singapore Fleet Is Modern and Fast Growing

A recent six-week trip on the Western Pacific with production of over 5,000 kilometers (3,100 miles) was made without a single minute lost to air-gun problems—all of this and half-millisecond synchronization!

"This is a long way from the development days," says Bob. "We extend our compliments to the crew for their excellent performance and to the people in Houston and Galveston for their tremendous efforts in producing a superior energy source."

The "jumboization" of the Western Endeavour was a feat to behold. Built in 1969, the ship was in need of a major overhaul. A novel idea was presented to management: STRETCH the Endeavour! The concept was approved, and we set about our task. The extension piece was designed and actually fabricated a year before installation since we could not pull the ship off contract. In the interim it was decided to go all of the way and completely refurbish the Western Endeavour. This undertaking was far beyond the original concept of merely lengthening the ship to obtain more deck space. The Western Endeavour is now a modern, fully-equipped seismic vessel replete with new instruments, 96-trace cable, high-pressure air guns, compressors, a recording room, and the like. While not so large as the Western Pacific and the Western Odyssey, she is identically equipped seismic-wise.

This area's latest ship is the Western Orient. When we recognized a growing market for shallow-water seismic surveys, it was decided to build a versatile ship—one with both deep and shallow-water capabilities. A naval architect was contracted, a suitable hull design was selected, and work began. In a record-breaking four months, the Western Orient was conceived, designed, and put into service—a record in itself! Lest the readers think otherwise, the Western Orient is not a "quick rig" on a barge. She is a full-sized, fully-equipped seismic vessel, built for the long term. Drawing only two meters, she can go into the shallowest waters, but her size (156 feet x 40 feet) allows her to operate in the open seas as well. She sleeps 34 persons, has a 40-day range, and cruises at around 10 knots. This puts the Western Orient definitely in the big leagues. She was, however, designed primarily as a shallow-water boat. Incorporating a 360° Omnitrustruer up front and 1600-horsepower behind, she is ultra maneuverable with plenty of...
power. This is a must when operating in strong tides and currents. The high-pressure air-gun array is designed to be operated either in the backdown or continuous-tow mode. A choice of cables is available: either a 48-channel shallow-water bottom reference streamer or a 96-channel deep-water streamer. She is equipped with a 100-channel LRS 888 system with all of the ancillary equipment, including a Marisat satellite communications system.

The success of the Western Odyssey and the Western Pacific has prompted construction of two more vessels in Singapore. These are destined for other areas. The first, the Western Inlet, was completed in June and headed for Alaska and the West Coast. The other new ship, the Western Wind, will be longer than its predecessors but similar in overall layout.

Building new ships, however, was only one part of our area expansion. The other part was providing persons to operate the crews and the support staff to keep them going. A massive recruiting and training effort was started at the same time that the Western Odyssey/Pacific construction began. We hired persons from all over the world and trained them. Today we can boast of some of the best geophysical personnel in the business, and the recruiting and training continues as a part of our long-range planning.

Our area support and supervisory staff has increased to meet the challenge. Joining us in 1979 was Marine Operations Manager Boyd Kolozs, a familiar name to many. Boyd's functions include general crew supervision and client liaison. Assisting Boyd is Field Supervisor John Evans, a long-time Westerner who has come up through the ranks. His most recent assignment before coming to Singapore was as senior co-ordinator in the Europe, Africa, Middle East area. This function is now carried out in the Australasia area by Bob Brown, a long-time co-ordinator on our world-wide ships.

Instrumentation support is the function of Instrument Supervisor Tommy Trotter. Assisting Tommy are Digital Technician Kevin Roberts and a combination of Geoscience Engineer Larry Wagner and Senior Navigation Engineer Peter Bradshaw. Larry and Peter operate occasionally out of Houston. Our navigation group is headed by Navigation Supervisor F. C. (Bluey) Dean. Bluey is well known in Southeast Asia, having spent many years here with a navigation contractor before joining Western. With several Western-owned and operated Maxiran and ARGO systems in the area, Bluey has his hands full. The marine support group is the domain of Marine Superintendent Ian Petrie. Assisting Ian are Port Engineer Z. Z. (Big Jim) Tertzakian and Marine Engineer Willie Heinrichs. Our technical conscience is Port Engineer A. W. (Professor) Loy, who is responsible for technical design and most of the shipyard and repair work on our fleet.

Our manager of finance and administration, Fred Terlaak, is in charge of the administrative support group. Assisted by a staff of accounting and administrative personnel, he keeps the money flowing. Fred's group provides in-house training and assistance to the party managers, and Fred also is responsible for keeping the corporate books and taxes current—not a mean feat by anybody's measure.

Overseeing the entire operation is Area Manager Keith A. Leavitt. Spending much time on the road developing business, he is very thankful for his extremely competent and reliable staff. It would be impossible to function without them.

In retrospect there have been some difficult decisions made concerning our expansion in the Australasia area; today it would appear that we are close to the mark. The future is bright, and we look forward to our hard-earned success but do not think that we are resting on our laurels. Future plans are already in the making and can be summed up in one word: Technology. It is our intent to provide the market with the most advanced technology available from the resources of Western. It is not enough, we feel, to offer only “production line” acquisition and processing. It must also be to the highest technical standard. We are taking the steps necessary to insure Western's leadership in our area, for this is the path to future success. Our planning for the Australasia area is centered around this premise.
FIVE VIBRATOR BUGGIES and one recorder buggy were flown by Western Geophysical from Dubai to Cairo, Egypt, on February 27. Although that sounds commonplace enough, we are talking about 75 tons; and it was a unique operation as Western's equipment usually is moved by sea. Air freighting the vehicles became necessary when we could not get a sea charter at the time the equipment was needed in Cairo; but it turned out very well.

The trip of about 1,600 airline miles (3,450 miles by sea) took only 16 hours from commencement of loading to completion of offloading, versus 16 days for the same trip by sea. In addition, this particular shipment by air cost only 60 per cent of the quoted sea rate.

The total weight of the shipment, destined for Party V-53, was well within the Boeing 747's capacity of 110 tons. Once inside the plane the vehicles were stowed two abreast, and the cargo compartment did not appear to be packed. There was, however, considerable difficulty in loading the buggies.

Their height precluded their being installed through the nose of the plane; so the side rear doors were used. The
The next phase in loading the six vehicles on the plane was considerably more difficult than the first steps. Top left — The first buggy backs as far as it can go into the cargo hold of the Boeing 747. Above left — Now it is necessary to back and fill, very patiently, in order to make the sharp turn. Below left — Almost there. Just a little more maneuvering, and the vibrator buggy will be in. Top — Success at last! Although it took more than two hours, the first buggy is in the cargo hold. Above — After only two more hours, all six of the buggies are safely secured in the cargo plane for the 16-hour trip to Cairo.

angles through the side doors were such that putting the first vibrator on the plane took more than two hours. Only by patient forward and reverse application of the vehicle, combined with the winch effect of the moving floor of the cargo hold, was the maneuver accomplished. Relief greeted the initial success, and the other five vehicles were loaded in about the same time that it took for the first alone.

Loading was supervised by Chief Vibrator Mechanic Dave Ferguson and Vibrator Mechanic Dave Lister and arranged through Foreshore Shipping Company. Dave Ferguson flew with the plane to Cairo to assist with the unloading.
In Memoriam
‘Chic’

Williamers world-wide were saddened by the death of Charles Wesley (Chic) Nicholls on August 31, 1981, following a gallant eight-month battle with cancer.

Following a private burial service at Forest Park Westheimer Cemetery, Houston, last farewells were said by his many friends and colleagues at a memorial service held at high noon on Thursday, September 3, at St. Martin’s Episcopal Church in Houston.

Chic is survived by his wife, Bonnie Clark Nicholls; one son, Chuck, who is a student at Texas A & M University; a daughter, Cyndi, of Baton Rouge, Louisiana; three brothers—R. L. (Bob) Nicholls, manager of Western’s marine transport division; Harry Nicholls, of Rolla, Missouri; and George Anderson, of Wells River, Vermont—and one sister, Marcella Edwards, of La Habra, California.

Born in Willow Grove, New Jersey, on November 24, 1922, Chic served as a first lieutenant in the United States Air Force during World War II. He attended Lehigh University, graduating summa cum laude with a degree in geophysics. He was a member of Phi Beta Kappa and Tau Beta Pi, as well as being president of the student council and receiving the Dean’s Award for Outstanding Service to the University.

Chic joined Western immediately upon graduation in June 1949 as a computer on Party 31. Because of his agile mind, technical capability, and capacity for work, promotions came rapidly for Chic. His first 15 years with Western were spent in domestic operations in the Mid-Continent division, plus supervisory travels to South America. In 1964 Chic became our resident manager in Australia and later set up Western’s Far East headquarters in Singapore, where he was named vice president in 1971. Chic was transferred to Houston in 1976 where he assumed responsibility for Eastern Hemisphere Land operations.

It was in the foreign environment that Chic’s outgoing personality really blossomed. He represented Western in an outstanding manner and in the process developed enduring friendships within the oil industry and beyond that were very satisfying to him and will be a source of comfort to Bonnie and his family in the future. An expression of the strong personal feelings engendered by Chic was typified in a telex received by Western: “Your company has lost a very fine and dedicated employee, the industry has lost one of its most well-liked personalities, and I have lost a good friend.”

Chic’s dedication to Western is exemplified by the fact that he not only married an ex-Westerner but also recruited brother Bob and Supervisor Woody Clark, a nephew. In addition, son Chuck has worked with Western the past two summers.

The high standards that Chic worked and lived by are an example for all who came in contact with him. His ready wit and zestful approach were never more apparent than in his last days when he said, concerning death, “You know, I have a morbid curiosity about what is on the other side.” His passing leaves a void, but for those of us who were privileged to know him he also leaves a vast storehouse of happy memories. —Neal P. Cramer.
Four Men Promoted to Managerial Positions: Quintana, Vallhonrat, Forrest, and Davis

During the first half of the year four dedicated Westerners have received well-earned promotions to manager—Ben F. Quintana, of Denver; Juan B. Vallhonrat, of Houston; Joe L. Davis, of Midland, Texas; and Will Y. Forrest, of New Orleans. Ben is now manager of U. S. Rocky Mountain and Canada data processing while Juan has been named to the newly-created position of manager-computer science and Will and Joe managers of southeast United States land and west Texas, respectively.

Vice President J. B. (Jimmy) Jordan announced the promotion of Ben, a native of Pagosa Springs, Colorado, who has been in Denver since 1978 when he was named manager of the digital center there. Prior to that he was manager of the Houston data processing center. He has, as a matter of fact, been involved with Western’s data processing centers since 1965 when, as a chief computer, he worked in the Shreveport, Louisiana, digital center. There he was promoted to seismologist and geophysical analyst. He has also worked in the digital center at Sydney, Australia, and managed the one in Mexico City.

Ben, with a degree in mathematics and business administration from the University of Northern Colorado in Greeley, was hired as a surveyor’s helper on July 18, 1951, but within two years was named chief computer, serving with many field crews before his transfer to the Shreveport digital center. He has worked in, besides his native Colorado, the South, the West, and the Rocky Mountains, as well as Australia and Mexico.

Ben and wife Juanita have three children: Ken, working in the oil business in Denver; Kathy, who was just graduated from San Houston State University at Huntsville, Texas; and Phillip, a sophomore at the University of Colorado in Boulder.

Juan B. Vallhonrat, in his capacity as manager of computer science, will be responsible for computer program development and for the support of Western’s geophysical software package at the various processing centers throughout the world, according to the announcement made by President Howard Dingman.

“This appointment,” says our president, “accompanies a reorganization of our research and program development activities whereby these efforts, including Juan’s area of responsibility, will be under the direction of Dr. Larner (Vice President K. L. Larner).

“Juan has contributed in several ways to the development of Western’s capabilities in data processing,” continued Howard. “He joined Western as a programmer in 1966; he served for several years as project manager of the PRE-SEIS® system; and, most recently, he was in the position of vice president, computer science, at Litton Resources Systems. We wish Juan success in this new undertaking.”

Will Forrest and Joe Davis both work closely with Vice President Ben L. Langston, who announced their promotions.

“Will,” says Ben, “is a hard-working, dedicated Westerner who handles our operations in the southeast out of our New Orleans office. I congratulate him and wish him every success in his new assignment.”

Hired by the Company on July 12, 1972, as an assistant observer, it was not too long before Will was named computer, assistant party manager, and, in early 1974, party manager. He was promoted to supervisor on April 15, 1978, and named to his current position on January 20. Will, born in Jacksonville, Texas, has a bachelor of science degree in geology from Lamar University in Beaumont, Texas, and also attended the University of Houston graduate school for two years, becoming interested in geophysics there.

Will and wife Susan have a son, Dean, 6. Susan teaches private art lessons, and her spare-time activities include fishing, travel, and pastel painting. When Will is not busy with Western activities, he enjoys fishing, golf, and travel.
tronic technician. In the course of his duties with the Company, particularly while working in field services, he has seen a considerable portion of the world, including England, Italy, Singapore, Australia, Ethiopia, Madagascar, and most countries in Central and South America. During this time he was an assistant observer, observer, digital technician, playback instrument supervisor, assistant instrument supervisor, instrument supervisor, and supervisor before being named manager-west Texas on June 20, 1970.

Prior to joining Western, Joe, a native of Tullos, Louisiana, earned a degree in engineering from Louisiana Technical University and served four years in the United States Air Force where, he comments, he was trained in electronics, which has helped him in his jobs with Western. He and wife Evelyn have four children: Kristy, 19; Joe, 15; Jon, 13; and Jeff, 11. The whole family lists fishing as a favorite hobby; in addition the children's activities range from skiing, sports, and sand surfing to riding a motorcycle and raising turtles. Evelyn enjoys church, PTA, softball, reading, and working in the yard while Joe likes golf, water skiing, and hunting.

The PROFILE is pleased to congratulate these four men—Ben Quintana, Juan Vallhonrat, Will Forrest, and Joe Davis—upon their recent promotions and to join with Westerners everywhere in wishing them all of the best.

‘Au Revoir’

AU REVOIR. Yes, as you have read on page 5, I did retire, on July 31; but before that I had agreed to stay on until September 30 to acquaint my successor with Western and PROFILE ways and to help get out one more issue, small of necessity. Assisting me part time since July in this last production has been my former editorial assistant, Jennifer Foster, who left us a year ago for the birth of her son, and my successor. (Wow! Jennifer and I are going out shaking! As I write this, we are experiencing an earthquake.)

Now, before I say au revoir, I am going to do something that I have refrained for 23 1/2 years from doing in the PROFILE, express some personal views. Overall is the feeling that I could not have worked for a better company than Western Geophysical. As a company Western is known to be the largest and best for seismic exploration services throughout the world, a status made possible by its outstanding management and technical, field, and general personnel; but I know it for more than that. Western cares about its employees, as well as the quality of its and their work; Western takes care of its own; Western is fair; and Western truly has a heart.

Western has something else that has meant a great deal to me, employees who are tops as persons. Throughout the years I have come to regard all of you Westerners as friends as well as colleagues, because you are truly friendly people. This is true of those whom I first knew, years ago, on the "doodlebug trail," traveling from town to town with their families; of those whom I met on "Day One" (Saint Patrick's Day, 1958) in the Los Angeles office, lab, and shops; and of those I came to know on "down the line" in later years.

It is difficult to say goodbye to friends; so I shall simply say au revoir—and thank you for what you have contributed to the PROFILE and given me in friendship. I hope that we do meet again, in letters if not personally. If you are in Los Angeles, I would truly like to see you; if you wish to write to me—and I hope that you will—I shall love to hear from you and shall answer. My address remains 386 South Burnside Avenue, Apt. 7-F, Los Angeles, California 90036. To answer your questions: No, I am not taking another job; I have retired. And, no, I am not planning to travel; unlike most of you, I did my traveling before Western!

Thus, as an invertebrate Westerner and proud of it, I end my "swan song" with these words: I'll be thinking of you take care; good luck; and au revoir—Marianne Clarke.
Looking Back
in the
PROFILE

20 YEARS AGO
Summer 1961

From 150 miles north of the Arctic Circle, almost the "Top of the World," Party F-69 sends frozen greetings. Among those in this vast wasteland are Party Chief Warner Loven, Chief Computer Grant Bates, Driller Orville McDermid, Shooter C. M. (Sandy) Larson, Cook Len Sidoff, and Supervisor Al Knox. From all directions came "doodlebugs" into Wolf Point, Montana, last November to start up Party 35, headed by Loren Harsh. Driller Wilbur Riley, wife Alice, and children Bruce, Debby, and Timmy joined the crew after it moved to Cambridge, Nebraska. Party 38 was reactivated on December 1, 1960, and headed for Jackson, Mississippi. Joining the crew there were Observer Dalton Taylor, Surveyor Gene Brannen, Don Birdsong, and Helper L. E. Bratos. After a month in Jackson we were sent to Bruce, Mississippi, 150 miles north, and joined by Surveyors C. W. Satterwhite and Delor Letourneau. C. W. (Chic) Nicholls is paying off bets with pride and pleasure since the arrival of Charles Wesley, Jr., on March 15. He had taken advantage of all opportunities to place wagers on a girl. Supervisor Neal Cramer and Observer Supervisor Ben Thigpen have arrived back in Shreveport, Louisiana, after three months in Iran and Kuwait. They are hoping to have a few weeks at home before returning to check operations in Qatar. Pee wee "doodlebugs" of Party 33 were treated to an Easter egg hunt at the home of the Monroe Taylors in Brookhaven, Mississippi. Present were the families of H. D. Rich and Harry McGehee, in addition to the Taylors. Another of Western's seemingly confirmed bachelors, Party Chief Clarence N. (Andy) Anderson, changed his marital status when he married the former Felia Victoria Gimon on May 4 in Las Palmas, the Canary Islands.

Working with Party V-14 in Brazil and traveling by vibrator buggy are Supervisor Keith A. Leavitt, Instrument Supervisor Ron Cooner, Field Supervisor Del Letourneau, Chief Vibrator Mechanic Sid Johnston, Lead Vibrator Operator Carl Wagner, Observer John Catron, and Analyst Claudio Venturini. Also in South America, but in Colombia, are Field Equipment Supervisor Wilton (Boots) Dungan, Party Manager Billy McNew, Chief Observer Vernon (Stretch) David, Vibrator Mechanic Earl Floyd, Mechanic Humberto Chaparro, and Digital Equipment Engineer Parker Scott. Supervisor W. T. Brooks is directing operations in Ecuador from the comfort of the office in Quito, where he is assisted by Office Manager Palmer Larsen. In more inaccessible parts of the country are Western's approximately 1,500 employees there, among them Assistant Party Managers Mike Shoup and Mario Camacho, Chief Surveyor Bill Quirk, and Chief Observer Les Schmidt. Helping Western maintain its traditional position as leader among geophysical exploration companies is its newly-developed Western Integrated Navigation System (WINS). Party 21 was reassembled in October in Mount Pleasant, Texas, with members coming from various other crews. Among them were Surveyor-Permit Agent Lyle Johanson, wife Louise, and children Brian and Betty; and Gilbert Few. Extending a hearty hello from Party F-66 in the Canadian northwest are Mechanic Bernie Blomer, Driller Otto Selke, and Cook Jean Duguay. Working in the Mediterranean-type climate of the vast Sacramento-San Joaquin Valley in California are Party V-4 Party Chief Nolen Webb, Surveyors John Crane and Huey Butler, and Driller-Mechanic Charlie Martin. Arriving for an interesting assignment offshore Ceduna, South Australia, were Party Manager Boyd Kolozs, Digital Operator Brian Hardy, Assistant Observer Tony Dallas, and Co-coordinator Horace Mawdesley. Party V-2, now in Crestview, Florida, has "lost" Surveyor Jim Blair to Party V-5 in Milton, Florida, and Vibrator Operator Gean (Whitey) Tonn to Freeport, Texas, and a marine crew. Left behind are H. D. (Slick) Watts, Richard Zowie, Jim Barbour, and Willard Rachal. A surprise "farewell coffee" was held in honor of Billie Williams before she and husband Quin left Alaska for Houston and, later, Algeria. Attending were Mae (Mrs. Neo) Ferrari, Bonnie (Mrs. George) Underwood, Peggy (Mrs. Wesley) Bergsrud, Carol (Mrs. Ollie) Krein, and Anita (Mrs. Roy) Morris. Party V-20 in Egypt has a new resident supervisor, John C. C. Mathewson; a new party manager and assistant party manager, Ron Bakke and Henri Unverricht; and a new mechanic, Paris Fontana. Chief Computer Eugene H. Martin has joined the R-6 group, and on April 13 he and his wife welcomed Heather Cherie as the newest member of their family.
down Western's line
for 35 years

TWO WESTERMERS—Loren T. Harsh and J. B. (Jimmy) Jordan, both of Houston—must be asking themselves where the time has gone, for each recently has commemorated his 35th anniversary with the Company. Although 35 years is a long, long time to be in one job, it probably seems as if it has only been a few years since they answered an ad by Western Geophysical Company for “help wanted.”

First to join the Company was Senior Buyer Loren T. Harsh, who began his career with Western on January 1, 1946. During his lengthy tenure Loren has worked in the field and in the office, in both domestic and foreign operations. His first 21 years with Western, as a matter of fact, were spent on the traditional “doodlebug trail,” running the whole gamut from surveyor to party manager on land and marine crews.

Loren’s “trail” took him to Montana, Wyoming, western Canada, Utah, Colorado, Nebraska, California, Texas, and Louisiana before leading him to foreign ports. There he managed North Sea crews out of Denmark, Norway, and England and also went down the coast of Africa for a marine operation offshore Senegal and, later, one offshore eastern Canada. He also has been able to see the other side of the world while working for Western—the Philippines, as head of Party 94 out of Cebu City. He left the field crews behind in 1967 when he was assigned to the Houston office.

Since then Loren has been office manager, buyer, project manager, expediter, and, most recently, senior buyer, being promoted to that position in the purchasing department in July 1980. He mostly buys electronics for Western, working closely with Vice President-Finance John R. Russell and Vice President-Instrumentation and Field Services Ben B. Thigpen.

There is more to a man than his work, however, and one of the things that Loren is most proud of is his son, Thomas, now 21, who is a junior majoring in biology at the University of Texas Southwest at San Marcos.

Vice President-Finance John R. Russell (left) presents Senior Buyer Loren Harsh with his 35-Year Service Pin as Vice President-Instrumentation and Field Services Ben Thigpen watches.

Loren is from Washington, being born in Wilbur and growing up in Seattle and Spokane. He was an excellent student in high school, receiving a scholarship to the Uni-
versity of Washington, but the stock market crash in 1929 and the following depression put an end to his academic career. It did not, however, put an end to his education, for he has always been a student and an avid reader of the many topics that interest him.

In honor of his 35th anniversary with Western, Loren received his 35-Year Service Pin from John Russell. Then Loren, John, and Ben Thigpen adjourned to a lunch at the Rotisserie for Beef and Bird in Houston.

Vice President-Data Processing Operations J. B. (Jimmy) Jordan and his boss, President Howard Dingman, are both so busy that it took nearly five months before they were in town at the same time long enough to take official note of Jimmy's 35th anniversary with the Company. Finally,

Then Western's first compositing unit was set up in Shreveport, Louisiana, in 1962, and Jimmy was assigned to it. Since that time his main interests in the Company have been with data processing. He helped set up and supervise Western's first analog processing center, as well as setting up and supervising the transition from analog to digital processing. He was named manager of the Shreveport digital center in 1968 and manager of the Houston digital center in 1970. Jimmy became a vice president on December 6, 1978.

"The last five years have been exciting," says Jimmy, "with the opening of additional centers — Calgary, Alberta, and Dallas and Houston in Texas. I think the enthusiasm and excitement generated from this assignment is due to the opportunity and freedom given me by my superiors and the loyal, dedicated, hard-working people in all of our centers. It has been very satisfying to work with all of the young people and see them grow with our Company."

A native of Dushau, Mississippi, Jimmy attended junior college and the University of Georgia. During World War II this Westerner, who attained the rank of sergeant in the United States Army, continued his education by attending radio and radar technical schools. Eventually he served in the Philippines, Okinawa, and Japan as a radar technician. Upon his discharge Jimmy returned to Western Geophysical Company, which had employed him for three months prior to his military service.

During that first stint with the Company Jimmy was a bachelor; but by the time he completed his service with the army, he had married Becky, who has been at his side for all of the years since. They have a daughter, Cindy Pack,
who teaches music and is an accompanist with the Houston Boys Choir and who is married to Bob Pack, son of the late Supervisor Bruce Pack and wife Martha.

Becky's free time is taken up with music and fishing while her husband's non-Western interests are fishing and tending to the vegetable garden in their back yard.

The Profile is pleased to welcome Loren Harsh and Jimmy Jordan to the exclusive 35-Year Service Club.

down Western's line
for 30 years

The Profile welcomes Seismologist John D. White, of Houston, to its unofficial but ever-growing 30-Year Service Club. Five years ago, when we last chatted with him, John was shuttling back and forth between Houston and the Caribbean Island of Trinidad. Today, at his 30th anniversary with the Company, he is firmly ensconced in Houston, still, however, affiliated with Vice President V. C. (Vic) Boyd's Latin American operations department and prone to travel occasionally.

In honor of that 30th anniversary on March 7, Vic presented John's 30-Year Service Pin to him and on March 14 was the host of a dinner at the Rivoli Restaurant in Houston for John and wife Peggy. Attending the dinner, in addition to the Whites and Vic and Shirley Boyd, were Supervisor Parker Scott and wife Elaine. It also was a celebration for the Scotts, for Parker had commemorated his 10th anniversary with Western on December 23.

John's journey toward his 30th milestone began on March 7, 1951, when he was hired as a junior draftsman on Party 13 in Spur, Texas, and immediately began to learn the nitty-gritty of being a "doodlebugger"—juggling, drilling, drill helping, and the rush to get the map report for the client in the mail before the post office closed. John trekked in west Texas, Oklahoma, and Louisiana until 1956 when he settled semi-permanently in New Orleans. By that time he had risen through the field ranks, until, in his New Orleans assignment, he was a seismologist on review crews. He and his family remained in New Orleans, with John's taking just occasional trips to Houston and to Shreveport, Louisiana, until 1970 when they moved to Houston.

Prior to Western this native of Jackson, Tennessee, spent three years in the U. S. Marine Corps, serving as a corporal. John's most memorable military adventure occurred during his 18 months in the Pacific. He had saved $360 during this period, planning to have a party upon his return to the States. One day out of San Francisco, John dropped his savings overboard—and that is the kind of memory that will stick a lot longer than the memory of any party!

Upon his discharge from the service, he attended Mississippi State University, graduating with a bachelor of science degree in petroleum geology, and then went looking for his first full-time job, which he found with Western.

John and Peggy have three children, all grown now: Paul, Charles, and Delena Ann. Now that Peggy has more time she enjoys bridge and needlepoint while John's extracurricular activities include fishing and hunting.

Congratulations to John on completing 30 years of dedicated service to Western Geophysical Company.
down Western's line
for 25 years

FIVE WESTERNERS—Leslie E. Bratos and Willie C. Priester, of Houston; Charles C. Hansbrough, of Dallas, Texas; Russell A. Kaminsky, of Houston; and John C. C. Mathewson, of Saudi Arabia—have just become members of the by-now burgeoning 25-Year Service Club.

No sooner had L. E. (Bebo) Bratos become settled in his newest assignment, that of manager of West Coast and Alaska marine operations, than it was time to celebrate his 25th anniversary with Western Geophysical Company. This he did on January 22. President Howard Dingman was on hand to present Bebo with his service pin and congratulatory letter, and that night Bebo and wife Carolyn were guests of honor at a dinner at Tony's Restaurant in Houston, hosted by Vice President Orval Brannan. Joining in the celebration were Area Manager Chester Smith and wife Ellen.

Hired on January 18, 1956, as a recording helper on Par-

observer, co-ordinator, field supervisor, and, in 1977, supervisor were steady. So far this dedicated Westerner has served the Company in Central America, South America, several of the Caribbean Islands, the Middle East, West Africa, Europe, the Far East, Russia, and China, as well as 18 states in the United States.

His most interesting job assignments, he says, have been foreign: the 2,000-mile survey on the Amazon and Putumayo Rivers through Colombia, Brazil, and Peru during 1973 and a 1976 trip to China.

In his new capacity as manager he is now turning his attention closer to home—to the Pacific Coast of the United States and the Arctic Ocean of Alaska. At the time of his promotion President Dingman said, “Bebo has made significant contributions to Western’s very successful operations in the marine areas of Alaska and the West Coast of the

continental United States. I thank him for these past contributions, congratulate him on his promotion, and wish him every success in his new assignment.”

Born in Mobile, Alabama, Bebo attended Perkinson
Junior College in southeastern Mississippi before joining Western and beginning his travels for the Company. He and Carolyn are more settled than in those early days, calling Houston home now. The couple has two children: Daughter Leslie Carol is an executive secretary with an oil tool company, and son Steven is a student at the University of Texas. Spare-time activities for Carolyn include tole painting, gardening, and reading while Bebo's favorite hobby is fishing.

Buyer Willie C. Priester, of Houston's purchasing department, is a man of many interests. He is a family man, devoted to his wife, children, and grandchildren; he has

Controller Tom Hix (from the left), Vice President-Finance John Russell, Buyer Willie C. Priester, and Manager-Purchasing and Requisitions Vic Reginald sit back and relax prior to a lunch at the Rotisserie for Beef and Bird in Houston commemorating Willie's 25 years of service, spent both at home and abroad.

won trophies for his target shooting; he is a former member of the Army Air Force; and, not least, he is also a dedicated employee of Western. This dedication is proven in the fact that Willie has just celebrated his 25th anniversary with the Company.

Willie was first hired in 1954 (a leave of absence brings his anniversary date to early 1956) by Bill Fazakerly to be a computer on Party 77, then based in Shreveport, Louisiana. His progress through the ranks was steady, from senior computer to chief computer to office manager in the United States, where he worked mostly in the Gulf of Mexico and central Louisiana, and chief computer to office manager in the London office, to which he was transferred in 1964.

In London Willie did interpretation and mapping of most parts of the world in which Western has worked, with emphasis upon the North Sea, an area he came to know quite well after doing its interpretation for 12 years. Willie returned to the States in 1976 after suffering a massive heart attack in February and joined the Houston office in April of that year. He was assigned to the purchasing department in 1977 and is now a buyer for foreign crews.

Willie's London assignment did not mark the first time that he had been in Europe. As a member of the Army Air Force he had been sent to Germany after that country surrendered in World War II. While there the athletic Willie participated in the Armed Forces track meet in 1946, running a 4-minute, 6-second mile.

Upon his return to the States then, he accepted an appointment to the United States Naval Academy but resigned it after his father's death and was transferred to the Air University and War College at Maxwell Air Force Base. Discharged as a sergeant in December 1948, Willie thought that he was through with the service; so he enrolled in the University of Alabama and graduated in three years with a bachelor of science degree in geology. Uncle Sam, however, had different ideas about Willie's service and, when the Korean War broke out, recalled him as a lieutenant in the air force. For seven months he was an intelligence officer for radar and electronics countermeasures. Following his discharge that time he was really through with the service, and it was not too long after that he came to Western.

A devoted family man, Willie and wife Barbara Ann have three children and three grandchildren. Daughter Karen and her husband, Daniel Davis, are responsible for two of the grandchildren, Timothy Edward Lee, 5, and Daniel William, 2. Karen was graduated magna cum laude from St. Edwards University at Austin, Texas, with a bachelor of science degree in pre-med biology and a bachelor of arts in environmental sciences. Son William Lee and his wife, Kathryn, have the other grandchild, Garrett Lee, 1½. William has received his city and guilds certificate from Kingston College, Kingston-Upon-Thames in Surrey, and is in electronics. He is a former Westerner, having spent five years with the Company working all over the world on marine crews and ending up as co-ordinator of Party 81 before his departure last year. Youngest son, Timothy D., is a student at Katy High School in Katy, Texas.

In commemoration of his 25th anniversary, Willie received his Service Pin from Vice President-Administration John Russell. Following the presentation Willie and John were joined by Controller Tom Hix and Manager-Purchasing and Requisitions Vic Reginald for lunch at the Rotisserie for Beef and Bird in Houston.

One of the reasons that Velocity Analyst Charles C. (Cal) Hansbrough joined Western was to see some of the world. "It's been fun ever since," he said. "For a fella who'd never seen anything 'cept the tail end of a Mississippi mule, 'doodleguggin' been especially rewarding."

In the 25 years since Cal "hired on" with Party Chief Jim Rush's Party 52, on spike in Lucedale, Mississippi, from Tallulah, Louisiana, he has indeed seen a considerable portion of the world. From Mississippi, Louisiana, Alabama, and West Virginia, he traveled to Iran, England, Australia, New Guinea, West Africa, and Milan, Italy. He has been in Texas since 1972, working first at the Houston data processing center, and then, since last October, at our new data processing center in Richardson.

Born in Greenville, Mississippi, Cal received his bachelor of science degree in physics from Mississippi College and was already married to Peggy when he joined that crew of Jim Rush's as a computer in the late summer of 1955. (A
Those working on Western's field crews grow accustomed to frequent moves from state to state, but Russell A. Kaminsky made his first move before he actually began work! Although hired as a helper on Bill Brooks' Party 28 in Nebraska, Russ did not report to Western until the crew had gone from Nebraska to Miles City, Montana. That was in September 1951. (An educational leave of absence changes his anniversary date with the Company to early 1956.)

His first move was, of course, only a portent of things to come. He made several with Party 28 in Montana, Wyoming, and Colorado before shifting to Bill Young's crew in Wolf Point, Montana, as an observer. Later he was offered the opportunity to transfer to our Italian operations, which he accepted after a three-month stint at our laboratory and shops in Los Angeles to learn more about Western instruments.

"I had a fascinating three years in Italy," says Russ, "both from a work and personal standpoint. I made many lasting friends."

Italy was where he first met the late Dallas Morrow, with whom he later worked in the Los Angeles playback office. Back in the United States Russ "doodlebugged" on several crews, including a West Coast marine crew and a California land crew, and parties in Alaska, Wyoming, and Utah.

Later Cal arrived in Australia and worked at our center in Perth. When he came back to the States, he was assigned to the center at Shreveport, Louisiana. By that time he was a seismologist, a title he retained for the rest of his travels for Western outside the United States. His last foreign stop was the Milan data processing center. Shortly after his return to the States, with assignment in Houston, Cal was promoted to geophysical analyst. He transferred to the Dallas data processing center last October and is in charge of the velocity department there.

Cal has enjoyed all of his travels, as well as his Western career. As he puts it in a letter to the Profile:

"For work that's challenging (without liftin' or toatin'), "For expense-paid journeys to exotic lands (when I thought downtown Memphis was exotic!),

"And, most of all, "For generous friends and boon companions "I'm grateful."

Cal celebrated his 25th anniversary with the Company in Dallas on February 8. Vice President J. B. (Jimmy) Jordan traveled from Houston to present him with his 25-Year Service Pin and congratulatory letter. During his visit to Dallas Jimmy hosted a dinner in this veteran's honor at La Vielle Varsovie Restaurant attended by, in addition to Cal and Peggy, Dallas data processing center Manager Gary Fair and wife Joan. Everyone enjoyed reminiscing about Cal's early experiences with Western's field crews.

as well as at the Los Angeles playback office. During this period he also again "went foreign" briefly, spending eight months in Tunisia. Russ and wife Bonnie traveled in early 1969 to Houston, where he has been based ever since although, until recently, he still took extensive trips as part of instrumentation and field services. As well as going to domestic crews to help with instruments, he has gone to the
Ecuadorian jungles, Colombia, Brazil, Egypt, and northern Canada and even has taken a few trips back to Italy. He currently is a buyer in the purchasing department.

Russ, born in Hastings, Nebraska, took that leave of absence to attend the University of Nebraska, graduating with a bachelor of science degree in business administration. Because of his extensive electrical background, however (he was an electrician's mate in the United States Navy and also founded his own business doing electrical contracting), he has been an instrument man during much of his career with Western.

Russ met wife Bonnie in 1961 while working on a land crew in California, and they were married in San Francisco in 1962. Bonnie has pursued a career in the United States Civil Service although, Russ says, she has not been working these last few years. She was an officer in the Houston women's auxiliary to the Society of Exploration Geophysicists last year and in her spare time keeps very busy with her collection of unusual plants. She also enjoys playing bridge. Russ likes to collect coins when he has the time, which is not often, he says. He relaxes by keeping the house in repair and by doing a little cooking.

This dedicated Westerner received his 25-Year Service Pin on March 5 from Vice President John Russell. Then Russ and John were joined in a celebratory luncheon at Vargo's Restaurant in Houston by Manager of Purchasing and Requisitions Vic Reginald, Vice President Ben Thigpen, and Instrument Technical Support Co-ordinator Gary Scott.

It is one of life's little ironies that a man—John C. C. Mathewson—who's number one hobby is skiing has spent much of the last 20 years in places that never see a snowflake. He and wife Joan are fond of mountain climbing, which is another hobby difficult to pursue in Saudi Arabia, where he is currently resident manager, or in South Yemen, Tunisia, Morocco, or Egypt, where he has also been based.

His college days, his two years in the service, and the very beginning of his career with Western, however, were spent in cold-weather climes; so perhaps John decided to reserve winter for his vacations.

Born and reared in Pasadena in "Sunny Southern California," John attended the Colorado School of Mines at Golden, not only because it was a good school but also because of the good skiing nearby. While there he was president of Alpha Tau Omega fraternity and a member of the Colorado School of Mines Ski Club and worked on the school paper. He received his degree as a geological engineer. Later in the United States Army, where he attained the rank of first lieutenant, he spent most of his time at Camp Hale, Colorado, in the Mountain and Cold-weather Engineers.

"As a lot of it was skiing, it was a paid vacation (nearly)," John commented.

Out of the army in May 1956, John rejoined Western Geophysical Company, by which he had been employed for just three months before being inducted into the service. His first assignments were in the Rocky Mountain area, and he also worked offshore California before beginning his 18 years of overseas experience. During that time he rose through the ranks, from computer to chief computer, assistant party chief, party chief, senior party chief, assistant supervisor, supervisor, and resident manager, a position to which he was promoted in early 1974.

John first met wife Joan when she was a student at Colorado Women's College. A native of New Jersey, she, like Senior Seismologist Antonin (Tony) Kudrna (from the left), Senior Vice President Neal Cramer, Resident Manager John Mathewson, and Technical Supervisor Michael Fleming share a light moment during commemoration of John's 25th anniversary with Western.

John, had selected Colorado for the schools and the skiing. They met each other again when John was in the army and Joan was "ski bumming" in Aspen (not far from Camp Hale); one thing led to another and they were married when John was released from the service. They have two sons, both born while John was working in the States. John, born in Bismarck, North Dakota, is majoring in geophysics at the Colorado School of Mines while Eric, born in Great Falls, Montana, is majoring in political science and languages at North Texas State.

The whole family is interested in mountain climbing, or "trekking," and a few years ago climbed Mount Olympus in Greece "but saw no Greek Gods." John and Joan also trekked to the Mount Everest base camp in Nepal, seeing the ice falls at 18,000 feet. It was, John said, a fantastically beautiful trip. They spend many vacations in the Swiss Alps and also often manage to get to the high Colorado Rockies when back in the States.

Senior Vice President Neal P. Cramer was in Dhahran, Saudi Arabia, upon the occasion of John's 25th anniversary to present him with his 25-Year Service Pin and his congratulatory letter from Chairman of the Board Booth B. Strange.

The Profile is pleased to welcome Leslie Bratos, Willie Priester, Cal Hansbrough, Russ Kaminsky, and John Mathewson as new members of its unofficial 25-Year Service Club.
PARTY 520—ANCHORAGE, ALASKA . . .

JOHN P. BOWERS, Reporter-Photographer

Party 520 is based in Anchorage, Alaska, and is the administrative, technical, and supply support phase of the entire Western Alaskan operations.

Anchorage is situated at the head of Cook Inlet in south central Alaska. It is the southern terminal for the Alaskan Railroad, which was primarily responsible for the city's inception in 1915. Fort Richardson Army Base and Elemen-dorf Air Force Base are both located in the Anchorage area.

The climate in Anchorage is mild compared to that of some of the north central states. Temperatures range from 15° F. during winter to 70° F. in summer, with occasional periods of colder or warmer weather. The moderate temperatures have caused the Anchorage bowl to be known as the "Banana Belt" to Alaskans who live in the interior where temperatures of -50° F. are not uncommon. Our shortest day has 5 hours and 28 minutes of daylight, and the longest is 19 hours and 23 minutes.

The population is estimated to be some 205,000—over half the total population of Alaska. Anchorage is the center of commerce, and state and federal agencies account for over 25% of the permanent employment.

Western's Alaskan forces are headed by Area Manager HERMAN SEMELISS. HERMAN co-ordinates the entire program, from negotiations with the clients, to checking on critical delivery dates, to hearing the reasons why an employee missed his flight to the North Slope. In an operation of this size help is needed, and HERMAN's staff is second to none. Supervisors ROY MORRIS and RON BAKKE spend most of their time with the crews in the field during the season. The rest of the time they prepare for the coming year. Unlike Stateside crews who can work the entire year, the Alaskan land parties have only four months to complete their work.

Maintenance of the complicated electronic gear is ably handled by Instrument Supervisor LYNN FORGEY. Survey Equipment Supervisor BILL SANDS oversees all of the problems connected with surveying and layout required to keep the crews moving and well oriented. Shop Supervisor OLLIE KREIN and his assistants, Driller-Mechanic WES BERSGUD and Mechanic BOB FLETCHER, stay busy repairing, rebuilding, or designing the various types of equipment needed to function in the hostile environment of the North Slope winters. Last week a huge, rubber-tired, fuel buggy; this

Driller-Mechanic Wes Bergsrud (right), Anchorage, scratches his head in doubt, wondering if Mechanic Bob Fletcher really feels he has the right size inner tube for that very large buggy tire.
week a new dining room on tracks; and next week — who knows.

The logistics of the Alaskan operation are staggering. Chief Expeditor Ralph Knapp, along with Expeditors Bill Barr, Steve Heidemann, Mike Harold, Glenn Scott, and Tim Arndt, work constantly to transform requisitions into food, fuel, parts, and clothing. They then see that it is all dispatched to Deadhorse Base Camp for trans-shipment to the field crews. The majority of the freight is shipped by truck — 45,000 pounds of it a week. The rush items go by air freight.

Fairbanks used to be the “end of the line” before the Trans-Alaska Pipeline was constructed. Now a truck can travel the state highway system to a point just north of Fairbanks and then use the haul road that was built to facilitate the pipeline construction. There has been talk of opening this road to tourists during the summer months. When you realize, however, that there are no rest rooms from the Yukon River to Prudhoe Bay, it becomes hard to imagine how your wife and children could manage to wait that long!

Accounting Clerk Charlene Josserand and Field Accountant David Swearingin take care of all of the little details such as accounts payable and the all-important payrolls. Dave and Charlene are now in the process of implementing a computer program that will speed up their work. Since it will interface with the Houston data center, it will ensure the accurate transfer of data between the Houston and Anchorage offices. Secretary Val Arndt is responsible for typing, for filing, and for making the hundreds of plane reservations required to get the crews back and forth between Anchorage and their job sites. Another of her important duties is the distribution of payroll checks.

The Anchorage office, Party 520, is truly the nerve center of Western’s Alaskan operations. If you are ever in Alaska, stop in for a cup. We shall show you around and answer your questions if we can.

PARTY 77—SEATTLE, WASHINGTON . . .

KENNETH REICH, Reporter
SJØERD DE JAMAER, Photographer

This last week of January finds Party 77 preparing to leave for dry dock in Seattle, Washington, and it offers a good chance to reflect on this past season.

The Western Glacier began her first season for Western Geophysical in Houston, where she was converted from an offshore supply boat to a seismic research vessel. After
some structural modifications, she moved to Galveston, Texas. There she was equipped with her state-of-the-art seismic equipment and electronic gear, which included, among other things, satellite navigation, LORAN-C and a Marisat telex system. The work was completed on April 30, and a proud new addition to Western’s fleet set sail for her first destination—San Pedro, California.

The watchful eyes of Captain Dillard Stone assured that everything went smoothly. Mates Jim Dismore, Harold Dodge, Gerald Broussard, and Gary Lame, along with Seamen Gerald Instone, Eric Jorgensen, George Moran, and Rod Ward, stood their respective watches.

The trip through the Panama Canal, which took approximately nine hours, was interesting for everybody. The weather was fine, and we were soon heading up the coast to California. We reached San Pedro on May 19 and began conducting tests to iron out any bugs in the equipment.

Some minor problems in the air-gun systems were chased out by Gunner Roger Sawyer and Gun Mechanic Scott Wells, along with Helpers Mike (Moose) Grubbs, Eddie Uphchurch, Chuck Platt, and Gun Operator Gary (Blue) Holland. After this it was time to head for our ultimate destination, Alaska! We arrived at Dutch Harbor on June 12. This was a favorite spot for everyone because of the incredible scenery and the refuge that it offered us from the rough weather.

Our navigation team of Navigation Technicians Craig Keener and Terry Livell and Navigator Bill Holton spent some time ironing out problems while Navigation Technician Mike Tucker assured smooth operation of the recording equipment. Then it was time for our first prospect, the Bering Sea. Marcus Austin co-ordinated the operation, with Observer Wade Schill and Helpers Mike Harp, Phil Marvis, Tody Creel, and Wayne (Preacher) Lewis working in the recording room.

We made two trips into the Bering Sea, which included a visit to the Pribilof Islands, a marine sanctuary with an incredible population of birds, seals, walrus, and other forms of wildlife. Often the coast of Siberia could be seen. After these prospects were completed, we headed further north to Nome and then Kotzebue. We worked in the Chukchi Sea as far north as the ice pack would permit.

Rough weather assured a liberal drenching for the gun crew working on the back deck. During this time we visited Point Lay, Point Hope, and other small villages. We were joined by Co-ordinator George Bowman, fresh from the North Slope, when Marcus Austin left us for the Anne Bravo, and by Helpers Mike Ward and Robert Stevenson and Navigation Technician Mark (Mountain Man) Leen.

At this point, in early October, the weather began to worsen. This became especially obvious one night as we lay anchored off Point Hope when our wind gauge pegged at 100 miles per hour! Taking the hint, we headed south to work again in the Bering Sea. Winter had settled in there, too, however, and rough weather made good production impossible. This, along with freak waves that played havoc with some of our windows, told us that it was time to head even further south.

Therefore, Party 77 left Dutch Harbor on October 19, with the Western Glacier headed for San Francisco. The
Observer Mike McGuirk (left), of Party 77, handles the cable controls while Observer Wade Schill (right) issues wheelhouse orders to pick up cable. Gun Mechanic Aaron D’Hundt is ready to assist.

Instrument Supervisor Brent Brown and Navigation Technician Mark (Mountain Man) Lein (left), Party 77, prepare for the deployment of a signature phone. Research Geophysicists Darrell Terry (center) and Bill Dragoset (right) stand by to help. Santa Cruz Island, which is off the southern California coast, is on the horizon.

Field Supervisor Jim Benton (from the left) and three of the Party 77 crew, Assistant Observer Mike McGuirk, Digital Technician Dale Soper, and Coordinator George Bowman, and Field Equipment Supervisor N. K. (Mac) McPeek and Supervisor-Marine Energy Sources M. L. Parker take a well-earned break in the California sunshine, waiting for the clients’ arrival.
trip went smoothly, due in part to our excellent engineering department. Engineers Harvey Null, Wilson Broussard, Bill Blackwood, Ken Feeney, and Rod Kubischta and Marine Mechanic Jeff Davis assured smooth operation throughout the season. Also making this trip with us was Seaman Perry Cone and our excellent cook, Ken Shields, and his assistant, Helper Howard Crawford.

The Western Glacier cruised past the majestic Golden Gate Bridge on October 27. An “open house” was held for our clients, and the crew was able to spend some time taking in the sights and sounds of San Francisco.

Reluctantly we left San Francisco for more work in and around the Channel Islands, which hug the coast of southern California. There we were also joined by Digital Technician Dale Soper, who helped install our new recording system. Everything that we had heard about “Sunny Southern California” turned out to be true. We had beautiful weather the entire time. Marine life was abundant and included gray and humpback whales and seals, which seemed very curious about what we were doing. Ports of call included San Pedro and Port Huemeno where we were joined by Gun Mechanic Aaron D’Hondt, Helper Ron Worthington, Gunner Doug Kindberg, Assistant Observer Michael McGuirk, and recording room Helper Randy Goodwin. The season was concluded with a “signature test” guided by M.L. (Lonnie) Parker, supervisor-marine energy sources; Sigurd De Jamaer, equipment supervisor; and N.K. (Nathanial) McPeek, field equipment supervisor.

We would like to congratulate Scott Wells, Jeff Davis, and Gerald Broussard on their recent weddings and wish them best of luck in the future.

After the Glacier’s stop in Seattle for some minor repairs and alterations, we on Party 77 then head north once again to Alaska. In its first season for Western, the Glacier has proven itself capable of high production, and we shall be looking forward to more of it in the future, along with more good times for her crew.

PARTY 521—DEADHORSE, ALASKA

DICK RUE, Reporter
TONY ARMATO, Photographer

Another winter season got under way at the Deadhorse Base Camp (DHBC) on the North Slope of Alaska with most of the Western crews starting in December. Back again for the 1980-81 season for Party 521 is Mechanic Mark Koskovich. Also returning is Expeditor Dave Howsare, who worked on Party V-95 last season. A newcomer is Helper Larry McBain. All three of these expeditors do a good job helping Party Manager Dick Rue make sure that things run as smoothly as possible.

With the transition of Party V-92 from across Cook Inlet by Anchorage to the North Slope, work here at DHBC has been more hectic than in years past. In addition to another crew to supply, DHBC has a Delta III assigned to our operation. Carrying fuel, men, and supplies to all of the crews has Mechanic Ron Hunter busy. Most of the crews are not close to maintained roads; so all driving has to be done across the tundra. This is a slow process because of the rough terrain. With some of the crews being as far away as 80 miles, hauling one load of fuel could take up to 12 hours.

Also new to the DHBC operation is an A-Star helicopter. The A-Star, used primarily in survey work by the crews, has been a great help in other areas also. Its capability of carrying 1,800 pounds and traveling at 135 miles per hour has increased our ability to get men and parts to the field quickly. Also under contract is a Twin Otter, which services our drill crew located in the foothills of the Brooks Range.

Chief Observer Al Dohn is kept busy traveling from crew to crew repairing radios in constant need of his attention. When Al does get into Deadhorse, there is plenty of work here for him, repairing cables, radios, and, once in a while, somebody’s cassette deck that has bounced around in a rough camp move.

Instrument Supervisor Lynn Forgey has become a familiar face around DHBC now that the crews are under way. Lynn was extremely busy at the beginning of the season getting all of the crews ready. Things are running smoothly now, and he has returned from a well-deserved vacation in Hawaii.

Another new addition to the DHBC facility is the HP85 computer center, which was put into operation in January 1981. Surveyor/Programmer Lorin Hixsen has been computing all of the surveying work done by Western’s crews in Alaska. The HP85 is capable of cutting survey computation time by 50%. Survey Supervisor Bill Sands
relieves Lorin for his breaks to go home. Bill is a welcome sight to DHBC and all of the crews. If there is a problem, Bill is always there with a solution — whether it be fixing radios or putting a new engine in a “cat.”

Cook Ralph Henning and Bull Cook Craig Zimmerman keep the good food coming as usual. Ralph has been at DHBC for several years and is prepared to serve some of his famous Polish sausage at a moment’s notice. Craig, who worked last year on Party V-94, keeps things orderly around camp and makes sure that there is always a plate in the oven in case someone is late for supper.

Taking care of the mechanical problems that arise from time to time is Mechanic Dale Berg. Whether it is repairing a flat tire or replacing a transmission in a Delta III, Dale does the job and does it well. Not only has he been beneficial to us at DHBC in repairing our equipment, but he also works on equipment that has been brought into DHBC for major repairs.

Although it is only March, there are still plenty of days left in this season. The talk around Deadhorse has changed from “How cold do you think it will get this winter?” to “Where’s a good place to catch some big rainbow trout?” Well, the temperature has gone down to only -50°F so far this winter — and I am not telling where I catch my big rainbows.

PARTY V-11—NORTH SLOPE, ALASKA...

ROBERT WILLIAMSON, Reporter
NEAL CRAMER, JR., Photographer

During the summer of 1980 a substantial amount of time and effort went into the rebuilding and enlarging of Party V-11. After the Christmas break the remainder of the crew arrived to find the camp increased by 25% and outfitted for another contract season on Alaska’s infamous North Slope. Also, a multitude of cables and geophones were required for a swath program of seven-day-a-week operation. The extra cable was used to compress as much production as possible into the limited operating season in this part of Alaska.

A few days after the new year Party Manager Neal Cramer, Jr., a three-year veteran of the Alaska land operation on the Slope, led his crew off the pad at Service City for five months of swath production. Party V-11’s assigned area of operation is a vast desolate region of frozen tundra in the Kuparuk oil fields. It is due to go on line in 1982.

First to brave the harsh elements of winter was the survey crew, headed by Surveyor Brad Devine, a weathered veteran of the Slope with an exacting eye for accuracy. Complementing Brad were Surveyors Mike Root and Matt Paneratz and Vibrator Operator Kevin Levesque. All but Mike are Arctic veterans in their own right. To round out Party V-11’s survey crew, Helpers Jim Devine, Paul Felton, Richard Clump, Jeff Papanosoda, Mark Manouel, Gary Mullen, Paul Johnston, and John Jones all walked many miles chaining and assisting those behind the guns. As the name suggests, “swath” utilizes several lines at the same time.

After the lines had been located and staked out, the heart of the Party V-11 crew, known affectionately as the “jugglers,” took to the field to plant mile after mile of geophones. This was accomplished under the supervision of our veteran observer, Kim Sterling, “The man in the dog house.” Working closely with Kim was Cable Pusher Terry Jones, another Party V-11 regular. He supervised and assisted in the laying of cable and flyers and acted as the ramrod of the line crew. Getting all of the cable and flyers to and from the lines was the job of our jug-truck drivers, Helpers Bud Elmire, Clint Mayeur, Sonny Traxinger, Darryl Waters, and Sherman Johnson, all “doodlebuggers” and “jugglers” at heart.

Now we come to those men who spent the entire season laying out and picking up those never-ending lines, the recording helpers. Living on only a few hours of sleep and a sack lunch were Albert Roehl, Fred Travers, Steve Shepherd, Bruce Wilson, Cliff Gronda, Greg Zimmerman, Dale Cochnan, Mark Scott, Bill Blake, Dale Himebauch, Rich Smith, Ron McBride, Gary Kinem,
Always cleaning and helping out was our bull cook and handyman, David (Caribou) Ryan. Keeping the rest of the camp in good order was the job of our camp attendants, Joe Selmer and Andre Castille. They put in a lot of hours to make Party V-11 organized and clean.

With the season half over at this writing, Party V-11 is looking forward to a productive year. Hopefully, we shall see you next year. Regards from all on Party V-11.

PRE/SEIS—DEADHORSE BASE CAMP,
ALASKA . . .

TONY ARMATO, Reporter-Photographer

Located 1,200 miles from the North Pole and within the Deadhorse Base Camp is a PRE/SEIS® seismic processing center. This center is primarily involved in the initial processing stages for Western's Alaskan land crews, Parties V-11 and V-94. The operation plays a vital part in the quality control and the reduction in the massive amount of single-sweep data sent in from the field crews.

Personnel manning the PRE/SEIS center come from various locations and contribute different skills. The first group to arrive in mid-November was a trio from Houston. Programmer Tony Armato helped co-ordinate the activities of the center and set up lines of communication among the field crews, the Anchorage office, and Western's major processing centers in Houston and Denver. PRE/SEIS Digital Equipment Engineer Emmons Maloney started testing the hardware to determine the state of readiness and the spare parts that might be needed for the winter season ahead. Lead Computer Operator Lynn Holdren made plans that would help to maximize the efficiency of the data handling from field tapes to final product. These three men helped launch the processing and carried it into January 1981 when Digital Equipment Engineer John Enos, from the Denver data center, arrived. John transferred for a change of scenery and lifestyle. He certainly found what he was looking for and seemed to fit right in with the rest of the guys.

As mid-season approached, Emmons was transferred to a new assignment, and Digital Equipment Technician Harry Charles traded the sands of Libya for the snows of Alaska. Senior Geophysical Analyst Richard Dick also passed through for a two-week tour while Tony Armato went to Houston on break.

Although most of the work is done indoors, the excitement of the Arctic still surrounds our operation. It takes a bit of adjusting to become accustomed to a place where temperatures may fall to -50°F. and the wind can blow at 60 miles per hour. Each of us is glad that he stays in “Downtown Deadhorse” as most of us come from warmer climes. Even though the work keeps us busy, we have time for various types of entertainment to help relax in our off-time hours. We watch color television, read books and magazines, and sometimes have the opportunity to go out to the crews and watch their operations.

The PRE/SEIS center is very near Prudhoe Bay, the site of the largest oil field in North America and the start of the
Above—Lead Computer Operator Lynn Holdren prepares to change an input tape on the PRE/SEIS computer at the Deadhorse Base Camp. Below—Computer Operator John Enos checks paperwork compiled daily by the field crews.

Trans-Alaska pipeline. At this writing (in March), the sun is staying above the horizon a bit longer each day, a sign that spring is coming. For now, however, all say a cold farewell from the Land of the Midnight Sun.

PARTY 87—CHINA, PAPUA NEW GUINEA, PHILIPPINES . . .

JASON W. TSE, Reporter
STEVE FORSDICK, Photographer

After spending her “break-in” period in the tropical waters of the Philippines, the Western Pacific, with Party 87 aboard, embarked on an Asian odyssey. Passing through northern China, Australia, and Papua New Guinea, we finally returned to the Philippines.

As the old Chinese saying goes, “You would not be a hero unless you had visited the Great Wall of China.” Party 87’s newly-promoted party manager, Steve Forsdick, finally caught a glimpse of this gargantuan monument, which is the only man-made structure observable from space. During his sojourn in Peking, Steve was especially impressed by the Forbidden City, the dynastic royal palace, and the Gate of Heavenly Peace (Tien-En-Men), where Chairman Mao used to lecture his millions of Red Guards during the Cultural Revolution.

After sailing thousands of miles across Chinese seas, the Western Pacific arrived at Tientsin’s Port Tanggu on one cool, grayish day in October. Observer MICHAEL CLARK and Navigator PATRICK BONNEVIEU could hardly wait to go to town, right after the Western Pacific had docked. After wandering around the ragged dockyard for a while, they found themselves lost amidst a sea of Chinese cyclists and Russian-made trucks. The only places foreigners might find comfortable in Tanggu were the Seaman’s Club, which had a big sign in the lobby saying “Workers of the World Unite,” and the Friendship Store next door, where they sell all of the nicest Chinese handicrafts and souvenirs. Before the crew’s amazement wore off, they had to go to work on the wintry waters of Bo Hai Gulf. Despite the choppy force 6- to 8-knot seas, Party 87 performed so gallantly that they became the record holder of shooting the largest number of kilometers in a day, 246.875 (153.4 miles) to be exact.

To the joy and amazement of our Chinese and French hosts, we finished the entire prospect of 6,670 kilometers (4,142 miles) after six weeks of cold, hard work. Our crew was later treated to a stately feast of dozens of exotic Chinese dishes that had been the exclusive cuisine of royalty not too long ago. To their dismay some of the crew missed the dinner as they were on break at the time. Gun Mechanics TERRY O’CALLAGHAN, PETER HORN, and MALCOLM LOADES, Junior Observers PAUL ULYATT and JAMES GALANNEAU, Ob-
Party 87 departed China at the end of November and traveled to Darwin, Australia, for a short job. We then sailed up to another exotic country, Papua New Guinea. Arriving at Port Moresby on December 26, Party 87 celebrated Christmas (aft-Christmas, really) in a local hotel. There they served western-style food and liquor. The local people were friendly, and most of them spoke pidgin English. Weather was especially sunny and calm, and we were even able to do some fishing. Party 87 managed to complete the program in three weeks and said goodbye to Port Moresby by late January 1981.

The Western Pacific next docked at Mabini in Batangas, south of Manila. Batangas city has become a favorite niche for Party 87 “doodlediggers” since they had been here a few times before. The job in Mindoro Strait was completed without a hitch, another of those trouble-free, record-producing jobs that kept our client and the crew happy. Everyone enjoyed the celebration barbecue party at the Ambulong Lighthouse, hosted by our client. At the time of writing this report, Party 87 is again on the run in Indonesia, working diligently toward another record production.

PARTY 391-R—BROOKS RANGE, ALASKA...

TOM AINSWORTH, Reporter
DOUG BURNHAM, Photographer

Party 391-R started getting things ready in November for the 1980-81 season. Heading the start-up crew were Party Manager Tom Ainsworth, Mechanics Doug Hruby and Doug (Pork Chop) Burnham (supply driver), and Cook Byron Adams. On January 6, 1981, the crew moved out to the prospect, which is located in the foothills of the Brooks Range. The two days it took to get there gave everyone a chance to see the terrain and adjust to the darkness.

The recording crew includes Observers George Snowden and Ron Hanson. Party 391-R requires two observers because of shooting 3-D work with two trucks, which are each equipped with 96-channel recording equipment. Ron was new to this, having come to us from the marine crew in Prudhoe Bay. The junior observers are Eddie Nelson and Jeff Troolin. Eddie, back for his second year, decided that Alaska was better than California. Having to shoot two lines at one time was at first difficult work for the jug crews, but the return of our drivers was a great help. Drivers Mike Monson, Bob Empie, Roger Rucker, and Barry Hochstrasser made things run smoothly. Also, Cable Pusher Bryan Mothershead’s and Shooter Tom Cross’ return helped. Shooter Dan Bergman, back for his fourth year, is being used as a relief junior observer, shooter, and cable pusher. His year has really been busy.

Mechanics Doug Hruby and Marvin Hook do the maintenance. Marvin is a long-time Westerner who came back to Alaska from North Dakota for the season. He has been of tremendous help. Keeping Party 391-R provided with fuel and supplies is Mechanic Doug Burnham’s duty. After this season he could qualify as a scout or an FAA man as he has become adept at going to remote strips and guiding the planes onto them.
Mechanic Doug Hruby is working on one of the snow machines used by the crew. Maintenance on Party 391-R vehicles never ends.

Mechanic Marvin Hook starts to beef up the front bumper of a shop truck. Marvin, who returned to Alaska from North Dakota for the work season, has been of tremendous help to Party 391-R.

No crew would be complete without their catskinners, and Party 391-R has about the best. Frank Gagnon, Dick (Boy) Weldin, and Larry Frisby move camp and keep us supplied with water. Under the direction of our camp attendant, Martin Grosnik, the camp is in perfect shape. Keeping bunks made, rooms clean, and trash burned is no easy chore up here. In the food department, Cook Byron Adams and Bull Cook Steve Kaufman have us in good shape with their meals. Everyone notices that belts are getting tighter around here.

Assistant Observer Homer Doty is still waging war on wolverines and foxes. He is trying to fix more cables than the animals tear up. So far Homer is tied with them.

A recording crew depends heavily on its “juggies,” and Party 391-R’s are about the best. Even with -50° F. weather and plenty of rough terrain, they do a great job.

Working on Units 5, 6, 7, and 8 are: Todd Fisher, Randy Buchert, Robert Connell, Robert Shimizu, Charles Sewell, Mark Peterson, Joel Hodgson, Dave Beatty.

Party 391-R Observer George Snowden (left) and Cable Pusher Brian Mothershead stand in front of Recorder Number One after completing one of the longest lines that the crew ever worked.

Mike Jacobs, Barry Wencel, Ben Jakoski, and Terry Brodie. Relief juggies are Ron Marsh and Terry Simpson.

Keeping tabs on both the drill and recording crews is Field Supervisor Bill Kitchen, a really good man to have around. Supervisor for this crew is our own area manager, Herman Semelis. Well, that is what is happening on Party 391-R up in the Brooks Range of Alaska.
PARTY V-95—ARCTIC ICE PACK, BEAUFORT SEA . . .

DOUGLAS HARRIS, Reporter

Zip up your parka, throw on your bunny boots and snow pants, and welcome to Party V-95 at the "top of the world." We are presently doing seismic work 30 miles out of Deadhorse, Alaska, on the Arctic ice pack. Our programs have taken us all along the northern coast of Alaska east of Prudhoe Bay. With Bob Mitchell in the position of party manager, the camp runs smoothly and efficiently.

Chief Surveyor Kurt Skoog's experience and ingenuity account for high standards of survey precision and accuracy even under harsh conditions. Instrument Helper Jay Webber, Helper Doug Harris, and Field Clerk John Garvey back up the assault with stamina and determination.

The conditions should be mentioned next. Temperatures range from -20° on a good day, to -65° on a bad day, and to -110° on an even worse day! On some days one cannot see camp 10 stations away due to windblown snow (blizzard).

The average surveyor, "juggie," or mechanical wears bunny boots, face mask, snow pants or snowsuit, parka, and long underwear just to stay warm.

The geophone layout and pickup "technicians" (recording helpers), a crew of 16 strong, includes Dave O'Brien, Paul Zaczkowski, Jamie Wilson, Ed Biggs, Dusty Lanning, Mike Bowers, Lance (France) Sprague, Keith Newton, Wes Faulkner, Dan Jones, Robert Pinnow, Jim Lundermein, Steve Gardner, Stanley Blegen, and Chuck Thomas. As Cable Pusher Dave Beckwith is out of action, Helper Jamie Wilson is filling in for him and doing fine. The four Beta Two terrain vehicles' maintenance work is done by recording helpers.

Chief Observer Martin Murphy, Observer Tim Irvin, Junior Observer Gordon Forsyth, and Instrument Technician Richard Pavalonis assure minimum downtime, maximum vibrating time, and overall enthusiasm for the crew. Vibration Operators Tex Cobb, Mike Morrison, and Phil Ekelund, Vibration Mechanics Terry Trout and Brian Tatman, Vibration Supervisor A. R. (Sonny) Boyd, and Helper Lee Thumin keep the production high with maintenance around the clock.

Using his considerable expertise, Radio Technician Al Dohn has delicate and vital radio equipment up to par even with the jolting it receives riding on rough ice. Lost in a -20° whiteout is no time for a dead radio. Head Mechanic Mark Catskinners Jason Gushee, C. Euggle, Rand Simpsons, and Lee (Guitar) Wenc plow the line, forge roads to the ice road, and pull camp to predetermined destinations. Party V-95 is a three-string, two-generator "cat train."

In the finest of North Slope tradition for good food, Camp Cook Paul Klabeune serves meals ranging from prime beef to Alaska king crab; and the "fill-in" cook, Howard Mosquito, delights all with Eskimo whale-hunt tales. It is Bull Cook Jim Kampster who gets everyone up at 6:00 A.M. for breakfast. Camp Attendant Mike Hall burns garbage and keeps the camp looking spotless. The last of the camp personnel to mention is Devin West. He supplies the camp via runs into Deadhorse for fuel, mail, food, and personnel shipped up from Anchorage.

Our working schedule is three weeks up, one week off. Most "attend" the camp for three weeks or more. Oil exploration in the Arctic requires persons willing to work in extreme temperature conditions, possibly some of the worst anywhere. We on Party V-95, with frozen smiles on our faces, urge our fellow Westerners to keep up the good work.

PARTY V-94—HARRISON BAY, NORTH SLOPE . . .

JOHN DAVIS, Reporter
DAVE MORK, Photographer

Once again the days are getting darker, and the tundra is frozen and covered with snow. Thus, it is time for Party V-94 to leave the summer maintenance area in Service City and head across the open Alaskan tundra to the prospect area. This year the crew has worked for three months in the Canning River region and will spend the remainder of the season in the Harrison Bay and Colville River Delta region.

The season began November 22 and will end sometime May depending upon the weather. The Bureau of Land Management (BLM) will not permit us to drive on the tundra unless it is frozen; so our season length is regulated by their decisions.

In the Canning River area most of the lines were on land while in the Harrison Bay region most of them are out on the ice of the Beaufort Sea. Party V-94 has a few lines on land that will be completed after we move off the ice.

The North Slope of Alaska is a large, flat, treeless, cold area covered with many small lakes, rivers, and streams. There is very little vegetation due to permafrost in the ground.

Despite the cold and long hours of darkness during November, December, and January, the North Slope of Alaska has many interesting features. There are many nights when the sky is illuminated by a beautiful display of colored arches known as the aurora borealis, or northern lights. These lights appear most clearly in Arctic regions and are thought to be electrical origin. During the day one may see several caribou wandering across the tundra in search of some browse. There are also many Arctic foxes, ptarmigans, and ravens to be seen. Now that we are working on the ice, we may even sight a polar bear or two.

A day at Party V-94 starts at 6:00 A.M. with a cold blast of arctic air when Jeff Ransom, the bull cook, opens the door of each trailer for breakfast call. By 7:00 A.M. some crew members have fueled their rigs and headed for the line. The rest of the crew begin preparing to move camp down the line another four to eight miles. The camp location will depend upon where Party Manager Stanley Neben figures the field crew will finish that day.

The camp consists of 16 trailers mounted on sleds. It is pulled along by four caterpillars at an average speed of about two miles per hour; so the new camp site is usually reached by noon each day.

Throughout the remainder of the day the mechanics are busy around camp or in the field working on a rig whenever necessary. Mechanics Duane Schumacker and
Robert Kane hate to see the temperature drop. When the temperature hits around -40°F, we tend to have more flat tires. Fixing a terra tire when it is -40°F or -50°F is no pleasant job.

Catskinners Dennis Busby, Darryl Cooper, Russel Hanke, and Mark Moffit and Gun Mechanic Kenny Rebarchek plow the snow off the line so that the vibrators can get through. They also melt snow for the crew’s water supply. Most of the lakes are either frozen to the bottom or are too salty to be of any use to the crew.

Stan Neben and Field Clerk John Davis usually stay in the office monitoring the radios and doing the paperwork while Camp Attendant Harry Williams burns the garbage, cleans the trailers, and washes the linens. In the dîner Cook Thomas Coleman or “Relief” Cook Howard Mosquito and Helper Jeff Ransom prepare supper for the crew.

Out in the field head Surveyor Dave Coburn and his helpers—Tony Spangler, Don Whitaker, Kevin High, Brian Empie, and Tom Seawright—and Surveyor Glenn Morgan stake out the line ahead of the rest of the crew. Assistant Observer Don Stevens checks the line while the cable crew—consisting of Garry Moog, Kenny Dowell, John Snyder, Jim Sey, Kris Jensen, Dennis Brown, Roy Stonecipher, Frank Manners, Michael Tonn, Lance Thompson, Michael Rivard, Don Pinnow, Mark Miller, Tom McKinnon, Stephen Brown, William Bradburn, and Tom Beckwith—pick up and lay out the cable and flyers.

Vibrator Mechanic Dave Mork or “Relief” Vibrator Mechanic Frank Foster, Observer Jerry Troglin, and Vibrator Operators Mike Shepard and Michael Stickland work with Mechanic Kirk Akerson and Helpers William Flagg, Gregg Hill, John Shirley, and Darrell Hauser to keep all five vibrators running properly.

After the Party V-94 crew is back at night, Helper Cliff Smith, the night man, checks all of the rigs and the generators. Due to the cold weather all rigs are kept running 24 hours a day.

All of the fuel, parts, and supplies are hauled to camp by Helper William D. (Delta Dave) Ramey on a Delta III. Everyone is glad to see him pull into camp because he usually brings some mail and a few video-taped movies. If he does not have any mail—he had better not even come back to camp because everyone will be disappointed!

After a day’s work crew members relax by watching a movie, reading, writing letters, and playing chess, cribbage, or various other card games.

The weather probably causes the most problems because there are very few days when ice, fog, cold temperatures, wind, darkness, or blowing snow is not a limiting factor.

Each Party V-94 crew member works up here for three weeks and then is given a break for one week. Living out on the tundra miles from anywhere, away from family and friends for three weeks at a time, has an effect on everyone’s attitude. The crew members, however, are usually in fairly good spirits. With help from the base camp in Deadhorse and the main office in Anchorage and great co-operation from the whole crew, Party V-94 moves on “down the line.”

Chief Observer Neo Ferrari, who has been with Western for almost 35 years, stays busy in the recording truck.

Cook Junior Coleman fixes fried chicken for Party V-94’s crew.
Driller-Mechanic Fred O. Leonard (left) happily receives his 20-Year Service Pin from Field Supervisor George Underwood at a dinner held in his honor. Fred joined Western in October 1959.

DRILL MECHANIC Fred Leonard has recently received his 20-Year Service Pin. Fred joined Western at Bakersfield, California, on Party 32 in October 1959, but a break in service brings his anniversary date to late 1960. He gained a great deal of drilling experience on overseas assignments in Libya, Aden, and Algeria and spent several years in the Rocky Mountain area, and the last few years he was in California on Party 8. Fred and his wife, Jeannie, moved to Williston, North Dakota, to join Party 318 in May 1980. Fred received his 20-Year Pin from Field Supervisor George Underwood at a dinner in Williston. At the dinner to help Fred and Jeannie celebrate were Driller-Mechanic Robert Bailey and wife Danelle, Equipment Supervisor Bill Anderson, Party Manager Roger Holme, and Drill Mechanic Rick Lundquist and wife Myra. — Story and Photos by George Underwood.

HELLO FROM SAUDI ARABIA! “Land of Sun and Sand!” We want to let everyone know that we are still “churning the data” (so to speak) over here on the other side of the world. Things are much as usual, but a couple of flashes of excitement have occurred.

Our former accounting supervisor, Coalter Baker, “tied the knot” this spring. He married the beautiful Missy Slendera, who just happened to work in the Houston office where they met last summer. Since the marriage the Bakers have moved to Austin, Texas, to settle down and, in the future, raise a family. We here on Party 555 would like to send them our best wishes for success at whatever they do.

Another exciting moment occurred when the Western Geophysical Company’s soccer team took revenge on a competitor’s team. The final score was 2-0, making up for the 2-1 loss a few weeks earlier. Team members include Geophysical Analysts Dan Quinn, Trevor Hayes, Trevor Davidson, Steve Musser, Phil Durnall, Neil Phillip, Brian Jackson, Clive Gregory, and Mark Temple; Junior Analysts Charlie Burton and Alnoor Ratan; Playback Technicians Paul Dickens and Steve Grace; Analyst
Peter Murphy and Bob Parker; Administrative Assistants Steve Jones and Chris Watts; Geophysical Technicians Andrew Shorten and Mike Collinson; Programmer John Gillatt; and Computer Operator Stephen Spiers. Many more matches are likely to be played in the future; so the sweet savor of victory will continue to only the team that can prove itself by winning the next few games.

Well, that really about covers the situation here in "Saudi Land." Work goes on as usual; and each day, as summer approaches, the weather gets warmer than it already is. We do want to say "Howdy!" to all of the folks back home in Britain and the United States. We would also like to wish Marianne Clarke the very best of luck. We hope that the lady who has made Profile what it is today will enjoy her retirement and will always stay in touch with Western Geophysical Company. We shall definitely miss her.

From the men of Parties 555, V-58, V-59, and 955, farewell for now.—Chris Watts. (Photos by Ian Grandjean.)

Mr. and Mrs. Paul O'Mahony (June Rayneau) smile happily after their wedding October 18, 1980, in Isleworth, England. June is secretary to Western's Steve C. Pickering, manager of the land data processing center at the Western London data center.

OCTOBER WEDDING. Western Secretary June Rayneau, of Isleworth, Middlesex, England, and Paul O'Mahony, of Brentford, Middlesex, were married in a double-ring, afternoon ceremony on October 18 at St. Bridget's Church in Isleworth. A reception followed at the Third Osterly Hall.

The bride, daughter of Mr. and Mrs. L. Rayneau, of Isleworth, wore a white chiffon Tudor-style gown with a matching juliet cap and cathedral-length veil and carried red roses and white freesia. Her bridesmaids included nieces Brenda Barham and Susan Fernandez and cousin Tracy Pereria.

Best man for Paul, son of Paul O'Mahony, of Wantage, Oxfordshire, was Malcolm Bryan, a school friend. Ushers were Alan and Colin Rayneau, June's brothers; nephew Richard Barham; and cousin Alton Fernandez. Master Steven Rayneau, June's nephew, served as the page boy.

Following a honeymoon trip to Ibiza, in the Balearic Islands off Spain, the couple is at home in Hounslow, Middlesex, where they met while attending St. Mark's Senior School.

June is secretary to Steve C. Pickering, manager of the land data processing center in the London data center, and Paul is an export clerk for Mercury Aviation near Heathrow Airport.

NOW THAT WINTER is over and spring is well upon us, Party V-34 is happy to report that production is up not only at work but also after work. First, we have with our crew Party Manager Dennis Ayers and his wife, Rae Annette. They have a son, Francis, who joined us April 11, 1980. We are also happy to report that Francis just celebrated his first birthday.

Robin Selover has also joined the crew. Robin recently was married to Marc Selover, our assistant party manager and permit agent. Their wedding took place in New Jersey earlier this year. Then there is the upcoming wedding of Surveyor Paul Haen. He announced his engagement to Susan Frey in February, with the wedding scheduled for July. Sue is a home-grown girl from Lincoln Valley, North Dakota, who just graduated from Moorhead State University.

We have received a transfer from Party V-23, Don Ramaeker, who is now our junior observer. Don brought with him his wife, Janice, and their newborn son.

Not only are we glad to welcome the additions to our crew, but Party V-34 also would like to congratulate our former party manager, Richard (Whitey) White, and his wife, Nancy, on the "expectation" of their first in September. Whitey is now party manager on Party V-50.—Darrell Krabbenhoft.

Party V-21 Manager Delmar E. (Del) Hill (right) receives his 10-Year Service Pin from Area Manager Nolen A. Webb. Nolen also hosted a luncheon for Del at the Wool Growers Restaurant in Bakersfield, California. At the luncheon were Field Supervisor Jerry Patrick and Party V-35 Manager Buddy Van Wagoner.
FOREST THIGPEN KILLED. Forest, 28, son of Vice President Ben B. Thigpen and wife Barbara, died on June 9 while repairing a leak in a high pressure line in a fertilizer plant in Fort Madison, Iowa. A supervisor from Fermantine, Ltd., an American affiliate of a British firm that specializes in patching leaks in high pressure lines in refineries, power plants, and the like, said he had gone to repair a leak that had been fixed by another group just two weeks before. The previous repair was OK; the leak was a new one. No one saw the failure, but speculation is that the weld on the line that was flowing at 230° to 240° F. solution at low pressure (9 to 20 psi) failed, and Forest caught the full force of the 8-inch line. The pressure either knocked him off the catwalk or he slipped trying to get away, falling 60 feet to his death.

Forest was married in August 1980 to Cathy, a kindergarten teacher in a Catholic school in Hobart, Indiana, where Forest was buried. She is expecting a baby early next year. He also is survived by a brother, Travis LaGrone. The PROFILE, speaking for all Westerners, extends condolences to the Thigpen family.

CONGRATULATIONS to Henry (H. K.) Keeth, of the Houston headquarters office, who completed 15 years of service with Western during January. H. K. joined Western at our former processing center in Shreveport, Louisiana, and relocated to Houston when that center transferred operations there. During his 15 years he has worked in data processing, finance/accounting, and, since June 1980, in the employee relations department, where, as a personnel specialist, he is involved in the placement of personnel for office/clerical and accounting positions. Joining H. K. in his celebration were John King, Jr., Frank Denley, and R. J. (Bob) Mason, three of Henry's past or present supervisors who treated Henry to lunch at Bud Bigelow's Restaurant after the presentation of the 15-Year Service Pin and letter of congratulations from Chairman of the Board Booth B. Strange.—R. J. (Bob) Mason. (Photo by Bob King.)

GREETINGS FROM PARTY V-17 in Northport, Alabama. As summer rolled in, Party V-17 brought out the grill and steaks for a production dinner. Everyone had a great time, with center-cut, rib-eye steaks, baked potatoes, baked beans, salad bar, beer, and Jack Daniels and Royal Crown on the menu. Steaks were cooked to order by our newly-promoted party manager, Tom Thornton.

Along that line we find many new changes as Party Manager Jerry Zaykoski fills his role in organizing Party V-40, our new southeastern crew. New promotions on Party V-17 include Steve Ebert, to observer, while David Lacombe and Tom Arnold are serving as junior observers. Truck Drivers Gerald Jacobs, Jack Alabran, and Rocky Daffron are working with Cable Pusher James Martin and "Jug Hustlers" Billy Sample, Jerry Martin, John Dennis, Bobby Carpenter, Mark Burns, Gregg Williams, and Larry Shively, who keep our cables ahead of our vibrators as efficiently as any "doodledigger" can!

Our vibrator crew—Mark Ebert, Willie Sykes, Kenny Whitehair, Mike Rittenhouse, and Trainees Johnny Labela and Larry O'Bryant, along with Mechanic Marc Fairbrother and new Assistant Mechanic Roger Harcrow—has the trucks polished and shining and ready to "shake" anywhere required.

Chan Burns, Gary Holloway, David Heckman, Frank Williams, and Jack Pugh scout and survey our prospects with Harry McGehee, Steve Jones, and Gerald Moore permitting the right of way.

New additions to Party V-17's families are Lana Alise Martin, born to Mr. and Mrs. James Martin; Jerus Lamar Boyd, born
to Mr. and Mrs. Eddie Boyd; and Latoshia Lynn Harcrow, born to Mr. and Mrs. Roger Harcrow. Congratulations to you all on your new children.

From everyone on Party Y-17 to every one of you—we hope that you had a very pleasant summer.—Tom Thornton.

BARBECUE COOKING CONTEST WINNER. Jack Graham, manufacturing engineer from the Galveston facility, competed in a barbecue cooking contest on January 17. Jack, the chief cook, and his four assistants, “The Gulf Coast Gourmetts,” began early Saturday morning concocting their secret recipe at Runge Park in Arcadia, Texas. Late Saturday evening the judging began, and Jack and his team came in first among 20 other teams. This was Jack’s first attempt at the competition, and his next stop was the “World’s Largest Barbecue Cookoff” at Houston’s Livestock Show and Rodeo February 20 to 22 where he represented Galveston County! After three days of competition with 200 entrants the Gulf Coast Gourmetts finished in the top 25 competitors, which, considering that this was their first time, is excellent. There was plenty of fun, food, and dancing to be enjoyed by all who attended the cookoff.—Lindie Nanninga.

DEPARTMENT 406 WELCOMES back Tony Hernandez after his year of working in processing. Tony also is happy to announce the birth of his third daughter, Leanne Mary, born on January 9. Norma Jones, the devoted department secretary for many years, has now become secretary for Western’s marine division party managers.

Brenda Counts is happy to announce her engagement to Mike Linczski, of Western’s data processing department. They plan a 1982 wedding. Newlywed Lois Williams enjoyed her honeymoon spent in Nassau in the Bahamas.

Recently honored for his 15 years of service to the Company is Gene Martin. He is a graduate of Louisiana Technical University and received his bachelor’s degree in petroleum engineering. Gene started with Western on Party 52, whose territory covered Mississippi, Tennessee, Arkansas, and Louisiana. He is now in charge of quality control. His oldest daughter, Karen, graduated from Spring Branch High School on May 24.—Stan Losowski and Nancy McGorman.

NOW LOCATED in southern Alabama, Party 334 has had an exceptional year to date. We moved from Houston, Mississippi, to Oxford, Mississippi, for only two weeks, and then south to our present location. The move from northern Mississippi to here was made easier by Permit Agent Ken Sartain and his helpful young assistant, Robbie di Benedetto, who have always had the lines permitted when the layout crew needed them. Chief Surveyor Clyde Pendergrass has steadily kept the permit agents on their toes by having layout crew members Jesse Boatwright, Bobby Freeman, Lester Glass, Tommy Browder, and Ron Reid cut through brush as if it were melting butter. Surveyor Billy Windham and his helpers, Van Philpot and Stephen James, have also been busy moving the tripod and the other surveyors’ equipment through the woods.

Flagman Thomas Atkinson and his wife, Tanya, are expecting a baby any day after April 8: Wonder which color flagging they will hang on their door—pink or blue? Driller Walter Lawhon and his wife, Tina, also are expecting a baby later this year.

Walter has been extremely busy, along with Drillers Robert Jones, Glenn Caraway, and Mike Rodriguez, trying to stay ahead of Helpers Ronnie Lambert, Bennie Stewart, Wesley Hughes, and two new assistants, Greg and Mike Pugh, who are learning the correct way to ‘sling mud.’ Driller Arthur (Powder Monkey) Caraway and Drill Mechanic J. T. Pugh are on top of everything.

Recording operations are being run by Observer Steve Vaughn, who recently attended operators school in Houston. Assistant Observer Dave Green and Junior Observer Jerry Earnest assist Steve and are working hard to keep the cables rolling. Helper Robert Fountain is steadily popping caps while Buggy Drivers Bob White and Jon Pence aid Helpers Orlando Patterson, Ronald Cantrell, Tony Mello, Paul Buchanan, Jay Stonebaugh, Mary Pendergrass, and Joe Lawrence.

Party Manager John McMinn just acquired a new Bronco, and Assistant Party Manager Brian Johanson acquired John’s old Ford pick-up.—Mary M. Pendergrass.
THIS AND THAT from London. The writer could think of no place better to write a PROFILE article than in the mountains of Switzerland where she was spending a few days’ vacation. Although the weather left a lot to be desired (it rained constantly), there is no place in the world that we know of where batteries can be so recharged that on return to civilization one finds oneself a new person again. Anyway, as much as we enjoy vacations, it is always nice to come home again; so, on that note, what news is there from London?

At Christmas we celebrated not one, not two, but three Christmas parties! The first two were for the children of Westerners and were organized by Christine Saunders, of our drafting department, aided and abetted by Evelyn Sperry and Sabiha Khan. The first party was for children aged from about 1½ years to 7 years. Approximately 50 children enjoyed a variety of games and entertainments provided by Wallygog the Wizard before consuming vast quantities of sandwiches, sausages, crisps, and cakes, washed down by orange squash and cola. Father Christmas (Kelvin Brown, Jr.) then made his usual dramatic appearance and dispersed presents to the children.

That same evening another 30 children, aged between 7 and 16 years, enjoyed their own disco, dancing the evening away to the music of the Ace of Clubs. Thanks for all your efforts, Christine, Evelyn, and Sabi, which, together with that of your various helpers, resulted in so much pleasure for the children. We hope that you were not too exhausted at the end!

A week later, on Friday, December 19, we had the annual London office dinner dance, held once again at the Excelsior Hotel near London airport and organized ably by Geoff Lonsdale. (Thank you, Geoff, for a very enjoyable evening.) Nearly 400 Westerners and their guests enjoyed the delights of good food and wine; and, after a quick word of encouragement from Damir Skerl, our vice president, the majority migrated to the dance floor to convolve to the music of Event.

Congratulations must go to Mike and Rosemary Byrne, for on February 4 Rosemary gave birth to a little girl, Eloise Bridget, weighing 7 pounds, 9 ounces, in Queen Charlotte’s Hospital, Chiswick. She is a little sister for Annabelle, whose birth was reported in the PROFILE some three years ago. Mike assists Steve Blick in playback. All of Mike and Rosemary’s Western friends from their days in Algeria will be pleased to hear of this event. Our best wishes go to the happy family.

Brian Hardy, a Westerner of over 10 years’ standing, left us at
PARTY V-2 worked in eastern Colorado between snows in late spring and planned to migrate down to Amarillo, Texas, around May 1 wearing high-top boots, not just because of snakes but also for some of the well-known tall tales.

Party Manager H. D. (Slick) Watts wore blisters on his hands from planting trees and shrubbery around his new home in Monroe, Louisiana, during a break. He said that he had not worked that hard since he surveyed in the swamps of Mississippi and Alabama. George Korobka and his wife, Virginia, made arrangements to spend part of their Easter holidays in Las Vegas unless George got on one of his well-known hot streaks. “Juggie” Pedro (Crash) Malagon bought a sharp new Citation and so far does not have a scratch on it.

New hire Ralph Unversaw has been working with Party V-2’s “Star Wars” survey crew under the guidance of Jim (Darth Vader) Duryea and with the assistance of Tim (Space Cadet) Paul. Chief Surveyor Danny Mainus has been assisting Permit Agent Willard Rachal and doing a fine job. The crew, like Fred Sanford, has a nickname for them — “Rollo and Hollow.” The crew would not be complete, of course, without ambitious “Juggies” Manley Mainus, Pedro Malagon, Roberto Aguilas, Ramiro Diaz, and Pamela, Mike, and John Staley.

We appreciate the co-operation of our truck drivers, Kenny Johnson and Juan Garcia, and our vibrator operators, Kenny Barros, George Korobka, Rafael Malagon, and Roger Chadwick.

Thanks also go to Nancy Watts for her abilities to keep the crew supplied with good flies and cables. Special thanks are sent to Observer Chris Neff, Assistant Observer Darrell Stromberg, Cable Pusher DeWayne (Duke) Anderson, and Vibrator Mechanic Joe Garcia for helping to make this a very productive year for Party V-2.

Party V-2 is a proud group doing its best to produce top quality and quantity of production for its client. — Willard Rachal.

"Look, Ma, two new teeth!" could be what Nicola Catherine King is thinking as she mugs it up for the camera. Born April 1, 1980, Nicola is the daughter of Claire and Malcolm King, data processing supervisor for the London marine processing center.

GALVESTON BLOOD DRIVE. The Galveston facility held a blood drive sponsored by the University of Texas Medical Branch on September 18, 1980. During that drive 50 employees were eligible for donating, leaving us short 19 employees for coverage under UTMB’s Blood Assurance Plan. The Blood Assurance Plan enables each employee and his or her family to receive free blood coverage at any hospital throughout the United States. To receive full coverage for another year, the Galveston facility conducted another drive last January 14 and 32 more employees donated, which brought our total for the year to 82. This ensures the facility and its families blood coverage through September 1981. — Lindie Nunninga.
Personnel from the Metairie, Louisiana, office recently had the opportunity to observe Party 354 in action in southern Louisiana. Above—Field Supervisor T. J. Phillips assures Secretary Vilma Pacheco (left) and Receptionist Linda Barnes that they will enjoy their helicopter ride over Party 354's swamp operations. Above right—Following their trip over the crew's work area near Scott, Louisiana, southeast United States land Manager Will Forrest (from the left), Vilma Pacheco, Secretary Pat Henssell, Linda Barnes, and T. J. Phillips are glad to be on the ground. Westerners are invited to drop by Party 354 anytime.

BOB ANDERSON WINS AWARDS. The Dale Carnegie Institute has awarded R. K. (Bob) Anderson the four highest awards for achievement in their course on effective speaking and human relations. Bob has been with Western since 1961, initially in field work and more recently in data processing at the Houston digital center II as quality control supervisor. The Dale Carnegie course is designed to increase effectiveness in the areas of communications, decision-making, and management. Congratulations, Bob, on your achievement. — Gretchen Fazakerly.

Quality Control Supervisor Bob Anderson (center) is congratulated by Houston digital center II Manager Royce Sharp (left) for earning four awards from the Dale Carnegie Institute. Looking on is Jim Bartz, a member of the Dale Carnegie Institute.

Paul and Kim White, son and daughter-in-law of Seismologist John D. White, proudly show off their first child, David, born last October 24.

IN LIEU of a formal report from Party R-1, we are submitting a copy of an interview of one member of the group by Jaime Alejandro Diaz of the Forward Press. It went like this:

"So you are an interpretation supervisor for the famous Western Geophysical Company?"
"The interpretation supervisor."
"I see. Do you actually have an interpretation department?"
"Of course. After all, we are the largest geophysical company in the world, and a geophysical company without an interpretation
department would be like a TV set without a picture tube—if you know what I mean."

"It is a bit hard to see, but I'll take your word for it. But I did hear that all of your old interpreters had moved on to greener pastures."

"And free coffee. That's true, all except the draftsman and me."

"Can you tell me why, with all of your old buddies gone, you are still here?"

"You know what they say: 'You've got to know when to hold 'em and know when to fold 'em!' Well, I was never successful at poker because I always hated to throw in my hand."

"Always hoping for a lucky draw, eh?"

"That's right, and this time I think I've got it."

"Don't tell me they're going to make you a vice president."

"Yeah, right after you become managing editor of the London Times. Actually I was referring to my good fortune in getting some bright young people to help this department bounce back."

"How big is the department now?"

"Well, we are smaller than the security department but larger than the first aid department."

"What I meant was: How many men do you have?"

"We have Seismologists Richard Andrews and Abdelghani El Kadi, and John Hendricks is our draftsman."

"Not all are 'good ole Southern boys,' I would hazard a guess."

"You could call John that, but Rich is from Pennsylvania and Ghani is from Cairo, Egypt, and was transferred to us after six years in the London office."

"It must keep you busy, supervising three men."

"And three women."

"Oh, you also have some members of the opposite sex in the department?"

"That's right. We have Mary Weems, Yuanyuan Chen and Linda Rapp."

"Sounds like a variety of origins there, also."

"Mary is a local girl, but Yuanyuan came from Taiwan, and Linda is another refugee from Pennsylvania."

"I suppose you have these girls bringing you coffee, reading times off sections, and other odd chores. Right?"

"Wrong. These young ladies all have degrees in geology, just as the men do, and are in the process of becoming seismic interpreters."

"Am I right in assuming that these young ladies are attractive?"

"You could say that—if understatement is your style."

"In that case, don't you find them to be a distracting element in the office?"

"Perhaps in another department, but interpreters are trained to keep their heads down at all times. Besides, there are three other good reasons why this is no problem: Colleen Dees, Bonnie Andrews, and Fatima El Kadi."

"Your wives, of course. But has it changed your working style in any way—having female interpreters to work with?"

"Well, I do have to punch a time clock now."

"Do you mean that, after all these years, you have to punch in at the office?"

"Not at the office—at home."

"Oh, I see. No more overtime, eh?"

"You've got it."

"O.K. Let's move on. If I may say so, these assistants are obviously much younger than you; so I suppose they call you mister."

"Definitely not. I gave them all the same message: You can call me Jim or you can call me Jas. or you can call me J. or you can call me J.D., but you don't have to call me Mister Dees."

"Don't."

"Don't what?"

"Forget it. Now, one thing I've been wanting to ask you: After all of the years of a male-only interpretation staff, you suddenly have three female interpreters. What happened?"

"We are doing our bit to help women achieve equality. We wanted to show them that equality also means sharing the suffering."

"So you think interpreters suffer, do you?"

"Are you kidding? Have you ever looked deep into the eyes of an interpreter?"

"No, but if you will introduce me to one of your female assistants, I shall make that my next assignment."

"You have all you are going to get from me. Now, if you will excuse me, I have some loops to tie."

On a more serious note the interpretation department has grown by leaps and bounds during the last year, with the addition of four new interpreters. The future looks bright for growth and expansion under the close supervision of Dr. Chang Sheng Wu, manager of interpretation, and James A. Dees, interpretation supervisor. —James A. Dees.

35 YEARS OF SERVICE. Former Galveston facility Purchasing and Requisitions Manager Mack Towns received his retirement watch in June from Vice President Joe D. Shivers during a luncheon in Mack's honor. At Doodlebugging—Past, Present, and Future the topic of conversation. For almost 35 years, since October 1945, Mack's outstanding contributions to Western have been recognized and appreciated by all of those who know him. Mack's experience, equipment knowledge, and dedication to field-crew support has been a large factor in our field crews' success. His retirement from Western has not slowed him down—he's energies have just been redirected. Golf, family, friends, and business still keep Mack active. Good luck to Mack and wife Eletha—Diane Lucas.

Former Galveston facility Purchasing and Requisitions Manager Mack Towns (right) is receiving his retirement watch from Vice President Joe D. Shivers during a commemorative luncheon.
CERTIFICATE OF APPRECIATION. Ben Green, director of safety for Western Geophysical Company and the Litton Resources Group, was recently presented with a certificate of appreciation by the Bureau of Alcohol, Tobacco, and Firearms (ATF) for his "outstanding contributions in furthering professional standards in the field of safety, and his co-operation and assistance to the Bureau of Alcohol, Tobacco, and Firearms." The safety department and the ATF share the common goal of industrial safety and, more specifically, the proper handling and use of explosives. We congratulate Ben on this acknowledgment of his assistance to ATF. — Judy E. Smith. (Photo by Bob King.)

$500 FOR LEUKEMIA SOCIETY. Western's Houston office has a newly-formed running team, which, as one of its first activities, participated in the "Five Miles for Life" Run on May 9 and raised $500 for the Leukemia Society. The team presented the check to Houston Oiler Wide Receiver Kenny Burroughs during the Leukemia Telethon July 12. Participating in the "Run for Life," held at Houston's Rice University stadium, were Tim Fitzgerald, Alan Kasperzak, Mike Viterie, Alan Wilson, Mark Snider, Cindy Sprague, Jeff Greene, Greg Johnson, and John Hoffman. The team was founded by Jeff Greene and Sidney Warner in February as a recreational outlet for employees. — Tina Dardwin.

Faith Susannah Stringer, born February 22 at Southwest Memorial Hospital, Houston, weighed 6 pounds, 1 ounce. Her parents are Senior Programmer Barbara Stringer and husband Haynie, vice president-data processing and software for Aero Services.
THREE PROUD WESTERN PARENTS have sent the Profile news of their children’s graduations from high school.

Michael McLaren, son of Galveston Facility Plant Maintenance Manager David McLaren and wife Dorothy, of Texas City, Texas, was graduated from LaMarque High School in LaMarque on May 29. Mike was captain of the swim team and received the Most Outstanding Swimmer award in 1981. He also had a perfect attendance record from his freshman through his senior years in high school. He is attending Texas State Technological Institute at Waco, studying architecture.

Stanley Scott, son of Digital Equipment Engineer Carl W. Scott and wife Geneva, of Houston, was graduated from Spring Branch High School on May 24 at Spring Branch Community Coliseum. Stan had attended Spring Branch schools from grades one through twelve. He played football his freshman and sophomore years and was in the industrial co-operative training program his junior and senior years. Stan has been working at a body shop since his graduation.

Gregory B. Walz, son of land and special processing problems center Manager Bill Walz and wife Neta, was graduated magna cum laude on May 28 from Alief Hastings High School in Houston. Greg was a member of the National Honor Society and received his class’ senior scholarship after he was selected by the school’s faculty. In addition Greg lettered in swimming on his school’s initial team and represented Hastings for three days at Austin as the school’s Capitol Scholar. He worked for Western at the Houston digital center II last summer, prior to attending Texas A & M University, where he is majoring in electrical engineering.

RHONDA BOONE, manager of advertising and public relations for Western and the Litton Resources Group, placed first in the Women in Communications 1981 Matrix Awards competition and also received a “Best of Texas” award from the Texas Public Relations Association for the brochure entitled “Barge-Mounted Methanol Plants.” The brochure is for Litton Energy Systems, the newest addition to the Litton Resources Group. — Tina Dardwin.

DANNY AND MARSHA WEST welcomed their second child, Mark Andrew West, who was born on February 26 in Southwest Memorial Hospital in Houston. Mark weighed in at 8 pounds, 3 ounces. Father Danny, a senior programmer, was also in attendance for the birth. The Wests have one other child, a beautiful girl named Lauren. — Lisa Graham.

HAVE SOME NEWS that you would like to have published in your Profile? Windstrip is open to everyone. All you have to do is report the interesting events involving you and/or your family members to the Profile Office, Western Geophysical Company, P. O. Box 2469, Houston, Texas 77001. (If your news concerns a wedding or a graduate, you may obtain a special form by writing to us at the above address, stating which form you need.) — The Editor.
45 YEARS
* Moller, John C.
Strange, Booth B.

38 YEARS
* Buschmihle, Joe E.

37 YEARS
* Maroney, Thomas P.

36 YEARS
* Sullivan, Roscoe L.

35 YEARS
* Bernhardt, Don A., Jr.
* Brooks, William T.

34 YEARS
* Maines, John J.

33 YEARS
* Dingman, M. Howard
Hanson, Ernest E.
Martin, Charles E.
Williams, Cecil Q.

32 YEARS
* Anderson, Clarence N.
David, Vernon B.
Nicholls, Charles W.
* Sebastian, Charles F., Jr.

31 YEARS
* Brick, Larry Schuler, Jerome A.

30 YEARS
* Bates, Grant P.
Dees, James A.
* Larrabee, Harry C.
Loven, J. Warner
* Steward, Max R.

29 YEARS
* Boyd, Victor C.
Deppe, James P.
Roes, William F.

28 YEARS
* Baird, James K.
Brown, William R.
Climgan, John E.
* Johnston, David
* Letonogue, Delor A.
* Semelius, Herman A.

27 YEARS
* Brannon, Willie G.
Clapsaddle, Darrell Lane, Willie G.

25 YEARS
* Gregory, E. Don Litzenberg, Jack B.
Livesey, John G.

24 YEARS
* Henry, James L.

23 YEARS
* Iretin, Roy R.
Waltz, William J.

22 YEARS
* Banzi, Gino Sherman, Robert P.

21 YEARS
* Leonard, Fred O.
Zowie, Richard L.

20 YEARS
* Dowdy, Lawrence
* Dowst, Emery E.
Malgutti, Mario

19 YEARS
* Merten, Fred A.
* Shoup, G. Michael
Vorpahl, George A.

18 YEARS
* Kubik, James J.

17 YEARS
* Palacino, Gaetano
* Pisanti, Carlo
* Russ, Robert S.

17 YEARS
* Bowling, James H.
Chambers, Ronald E.
* Green, Jack
* Leavitt, Keith A.
* Leleux, Richard A.
Sadtiche, Donald E.

16 YEARS
* Bishop, Edward D.
* Brown, David D.
* Broussard, Milton J.
* Cole, Patrick J.
* DiPietro, Richard W.
Goodman, David W.
* Lloyed, Guy Richards, Allan

15 YEARS
* Arndt, David E.
* Bishop, Steve D.
* Creed, Norman J.
* Edwards, Richard W.
* Hadford, Jeff J.
* Hall, Cooper E.
* Lindsley, Geoffrey F.
* Renzetti, Mario
* Schultstad, John L.

14 YEARS
* Durham, David P.
* Edwards, Anthony J.
* Fish, Richard S.
* Gayen, Indu
* Kudrna, Antonin J.
* Lind, Harry W.
* Massey, Derek L.
* Mitchell, Leslie
* Partin, Harold O.
* Rachal, Willard G.
* Snyder, Donald C.
* Stella, Giovanni Swaroop, Brahna N.

13 YEARS
* Arena, Antonio
* Arvanitopoulos, A. M.
* Bickham, Ronnie N.
* Blair, Clare A.
* Evans, John T.
* Giamis, Samuele
* Hall, Richard T.
* Isgrig, Richard O.
* Ivanitz, John M.
* Kingshott, David J.
* Meitzen, Arthur L.
* Moniz, Luigi
* Parker, William L.
* Pedulli, Carlo
* Ranieri, Giuseppe
* Reed, John H.
* Reilly, Edward C.
* Swearengen, John T.

12 YEARS
* Baker, Christopher G.
* Bernal, George A.
* Brettell, Murray W.
* Brown, Kelvin J.
* Bruckshaw, Donald W.
* Di Prolo, Vando
* Di Sabatino, Emidio
* Erick, Wendelin
* Iovoli, Alberto
* Jones, Rex W.
* Jovanovic, Maro
* Luea, Giuseppe
* Montuori, Gennaro
* Rochat, Donald M.
* Rosser, Richard A.
* Russell, John R.
* Sattler, Michael D.
* Stringer, Barbara S.
* Trebottich, Steve

11 YEARS
* Brummerlohp, Linda S.
* Curee, Robert M.
* Evans, Michael W.
* Goodloe, Kent J.
* Green, David E.
* Jensen, Robert A., Jr.
* King, William F., Jr.
* Manion, Ronald Patrick, Jerry D.

10 YEARS
* Boyd, Andrew R.
* Brown, David
* Frederick, Robert N.
* Harler, John C.
* Holmer, Richard A.
* Hurst, Stephen C.
* Kauk, Kenneth E.
* Laimer, Le Jenee H.
* Little, Herbert A.
* Loven, Eddy D.
* Micaronc, Antonio
* Miller, Kenneth R.
* Schade, Roger D.
* Scott, Grenville T.
* Sperry, Evelyn M.
* Taylor, Harper K.
* Tong, Thomas
* Walker, G. Thomas
* Yap, Dicky H. E.

9 YEARS
* Briggs, William T.
Chaparro, Humberto Chavez, Jo, Bob
* Clegg, Joseph F.
* Denham, Scott S.
* Enge, Marie B.
* Flanders, Cordie D., Sr.
* Fletcher, William W.
* Grimes, Harvey R.
* Gutierrez, Felix
* Mierkiewicz, Robert A.
* O’Neil, James L.
* Ruffin, James W.
* Sands, William J.
* Swens, Miles S.
* Teran, Raul A.
* Waldron, William

8 YEARS
* Benton, James W.
Fouger, Peter M.
* Gillard, David J.
* Girouard, Kirk L.
* Gonzales, Baldemar G.
* Hanson, Ronald E.
* Humbert, Hugh
* Humphreys, Sally
* Kinlaw, Barbara F.
* Marcell, Ward R.
* McFarland, Shirley A.
* Miller, Daniel H.
* Mosquito, Howard
* Rodrigues, Robert
* Shopland, Robert C.
* Shorter, Herman
* Tinsley, John S.
* Young, Novell L.
* Yunt, Al J.

7 YEARS
* Abma, Raymond L.
* Behrens, William H.
* Brown, Robert W.
* Burch, Benny P.
* Caliga, David E.
* Cori, Donato
* Curtis, Richard P.
* Dickson, Paul V.
* Dingagrovia, Tonguito
* Findley, Lynden C.
* Garcia, Joe H.
* Gormley, Carol K.
* Greaves, Robert A.
* Henderson, Robert M.
* Hill, Rosalind
* Jopp, Charles E.
* Kirolos, Saber M.
* Lawhorne, Norman W.
* Majeed, Abdul
* Malik, Ishaique Hussain
* McKinnon, Michael J.
* Mughal, Jawaid Iqbal
* Nicholson, Frank R.
* Ochoa, Henry
* Pierce, Andrew C.
* Price, Dan Russell
* Prince, Wayne
* Prior, Keith Sawyer
* Saunders, Christine A.
* Savidini, Agostino
* Spier, Stephen R.
* Staff, Larry Gene
* Staff, Rosalind K.
* Stavlas, Teesta
* Taylor, Paul T.
* Thaves, William J.
* Tracey, Charles P.
* Walker, Betty J.

6 YEARS
* Anderson, Archibald R.
* Brown, Brent R.
* Curry, Michael C.
* De Janu, Sjoerd S.
* Garcia, Fermin L.
* Kavva, Dhiraaj
* Mazzoli, Renato
* O’Brien, Thomas E.
* O’Meara, Raul H.
* Pudsey, Craig E.
* Reid, David B.
* Seymour, Ralph H.
* Sganzarla, Athos Villoutreix, Michel S.

5 YEARS
* Bauer, Clayton J.
* Bills, David R.
* Brannon, Buford O.
* Caragounis, Peter
* Davis, John R.
* Dells, Anthony P.
* Diaz-Malagon, Rafael
* Geffre, Mike C.
* Lugo, Jesse A.
* Lundquist, Eric R.
* Malik, Mohamed Amin
* Marcincin, Jeffery J.
* Nurre, Martin Henry
* Steiger, Richard L.
* Villareal, Domingo, Jr.
* Whiting, Douglas F.
* Wong, James Keng Hon

* Interrupted Service

WES TERN
PROFILE

MARIANNE CLARKE, Editor

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THEY SERVE

Service Anniversaries . . . July, August, September

19 YEARS
*Anguelles, Morris
*Barnes, Fred E.
*Rains, William M.
*Rushing, Crawford J.
*Stegall, James D.
*Sumrall, James S.

18 YEARS
*Burbage, Jimmie H.
*Knapp, Ralph S. Jr.
*Robinson, William P.

17 YEARS
*Anderson, Rufus O.
*Balzarette, Joe W.
*Davis, Joe L.
*Friesen, Jacob
*Jones, Robert J.
*Kerry, Sybil A.
*Mawdesley, Horace B.
*Mc Cormic, Richard M.
*Miller, Craigwood C.
*Natalini, Silvano
*Neis, Gary A.
*Rutherford, Derek

16 YEARS
*Cicognani, Giuseppe
*Dallas, Tony G.
*Henningsgard, Roger
*Koloes, Boyd
*Mira bella, Filippo
*Pargum, Keith S.
*Rowland, Richard E.
*Shannus, Victor
*Smith, Jeff D.

15 YEARS
*Abouda, Ali Mohamed
*Bell, James J.
*Ben nett, John W.
*Branham, Orval F.
*Brown, Bill L.
*Cazalz, Terigo
*Dhir, Abdellatif
*Edel, John J.
*Karoun, Ma louf
*Kostanic, John S.
*Lund, Roderick D.
*Mahony, Robert J.
*Marchol, Mary
*McDonald, Barry
*McLean, Andrew
*Mills, Garry
*Miranda, Anthony F.
*Raittha, Kanti G.
*Schawelder, Walter
*Venturini, Claudio
*Zucchelli, Linda B.

14 YEARS
*Bailey, David P.
*Cain, James L.
*Ferrari, Shirley
*Flowers, Archie M.
*Jones, Joe

13 YEARS
*Avala, Carlos
*Chatoor, Winston J.
*Clark, Milton L., Jr.
*Ferrari, Graziando
*Johnson, John W.
*Mitchell, Stewart W.
*Moree, Robert F. G.
*Noble, Leigh P.
*Porcheddu, Eraldo
*Ross, Walter F.
*Ross, Paolo
*Sharp, James R.

12 YEARS
*Astorino, Antonio
*Bergende, Alice A.
*Blick, Stephen W.
*Breyer, Charles E.
*Cosby, Milford D.
*Dondi, Marisa L.
*Dotson, Samuel E.
*Elder, Mark
*Genen, Elias V.
*Godkin, Robert
*Gonzales-Lopez, Higino
*Hix, Thomas B., Jr.
*Innamorati, Rocco
*Jana, Sandy L.
*Jeffery, Samuel E.
*Johnson, Margie B.
*Lombardelli, Antonio
*Martin, Reginald H.
*Mason, Robert J.
*Miz, David H.
*Pfingsten, John R.
*Reynolds, Michael G.
*Sanders, William H.
*Sasscer, Robert D.
*Scott, Gary L.
*Slevinsky, Michael T.
*Tonn, Gean
*Underwood, George E.
*Vancini, Roberto

8 YEARS
*Ferdyco, Henry
*Garza, Ruben
*Hakes, Larry M.
*Harris, Michael B.
*Kosar, James
*Langston, Gordon C.
*Lenz, Norman E.
*Martini, Robert B.
*Mcdonald, Janie M.
*McPeak, Nathaniel K.
*Merliani, Valentino
*Moore, Oland T., III
*Moore, James A.

*Puffett, Leland Wayne
*Ramey, Walter J.
*Rebczuk, Martin
*Saad, Soaad M.
*Smithers, James A.
*Stone, Dillard F.
*Swainston, Daniel
*Tillery, Robert W.
*Walls, Christopher A.

7 YEARS
*Alesi, Angela
*Banik, Michael D.
*Barnum, Kenneth Lee
*Barrie, Scott M.
*Begnau, Annette D.
*Boone, Rhonda S.
*Brewer, Martin S.
*Carter, Graham M.
*Cassidy, Francis J.
*Cueirar, Richard H.
*Delle Vedove, Roberto
*Denzin, Lane Wade
*Durren, Colleen A.
*Echols, Matthew
*Eichler, Vivian L.
*El Machines, Mahmoud
*Furlan, Franco
*Gallina, Agostino
*Grandjean, Ian M.
*Guzetti, Michael R.
*Harter, Linda Anne
*Hazelber, Mart J.
*Heng, Lily
*Hickam, William M.
*Hirnry, Jane
*Johnson, Bruce R.
*Jones, Norma W.
*Kahler, Paul
*Kushner, Andrew M.
*Loveatts, Charles W.
*Lowenberg, William S.
*Manning, Virgil A.
*Martin, Rosemary A.
*Moreland, Dalia M.
*Parrish, Reuben J.
*Peña, Jose Rolando
*Pererr, Steve G.
*Posada, Jose L., Sr.
*Qualls, Edward E.
*Reid, Colin A.
*Rhodes, Esther N.
*Roton, Harold E.
*Ruppert, Sue H.
*Speight, Daniel J.
*Starks, Pole

5 YEARS
*Aittas, Ramsay
*Bagger, Richard
*Beringer, Elaine E.
*Browne, William V.
*Bryant, David F.
*De Leon, Joe V.
*Eukan, Michael O.
*Frazier, Barbara I.
*Gautehat, Willis E.
*Gentry, Russell A.
*Gorton, Thomas H.
*Holme, Roger G.
*Jolivette, Betty L.
*King, Malcolm R.
*Knevet, Margaret A.
*Lorenzwicz, Karl
*Lorenzwicz, Patricia
*Miser, Bryant
*Pilhwa, Pankaj
*Pryatel, William V.
*Silverman, J. Neal
*Simi, Ruth H.
*Snyder, Cedric V., Jr.
*Todd, Richard
*Turner, Leslie Lee
*Watson, Shirley Jean

Sutherland, Robert L.
*Tague, Louis L.
*Tauro, Madge L.
*Warkentine, Dale L.
*Washington, Gwendolyn
*Whitman, Harvey C.
*Yenry, David M.
*Young, Joseph R.
*Zabaleta, Carlos

6 YEARS
*Bixby, Brent L.
*Bohорquez, J. Carmelo
*Champness, Gwendolyn
*Di Prolo, Dinno
*Drake, Richard
*Elsendeyouny, Fatima H.
*Evens, Nicholas P.
*Ferguson, Bruce E.
*Flynn, Maurice
*Garcia, Martin
*Gonza, Antonio
*Gurski, A. Michael
*Guizzo, Paolo
*Hashem, Dil Bagh
*Lewis, David J.
*Liberatore, Vincenzo
*Lister, David R.
*Malk, Marbik Ahmed
*Martini, Steven D.
*McCoY, Mark S.
*Mclaren, David H.
*Moreno, Ramiro
*Peterson, Gerald L.
*Proud, Herbert J.
*Rich, Harold D.
*Robson, Bruce A.
*Roncal, Jose A.
*Ross, Reva C.
*Scott, Graham F.
*Usmani, Aswaq Ahmad
*Vargas, Sigfredo
*Walker, Larry B.
CONTENTS

ALSO

President’s Page . . . . Inside Front Cover
Marianne Retires . . . . Page 5
C. W. Nicholls Dies . . . . Page 10
Four Westerners Promoted . . . . Page 11
Au Revoir . . . . Page 12
Looking Back in the PROFILE . . . . Page 13
down Western’s line
  for 35 Years . . . . Page 14
  for 30 Years . . . . Page 16
  for 25 Years . . . . Page 17
Party Pickings . . . . Page 21
Windstrip . . . . Page 34
They Serve . . . . Page 44

FRONT COVER
Party 391-R Supply Driver Doug Burnham finishes his daily chore of lighting flare pots along the airstrip runway in Alaska. Doug has become very adept at going to remote strips and guiding the supply planes onto them.—Photo by Doug Burnham